



2024 G20 Rio de Janeiro Summit Final Compliance Report

20 November 2024 to 5 November 2025

Prepared by
Irene Wu and Mahek Kaur
and the G20 Research Group

www.g20.utoronto.ca • g20@utoronto.ca • [@g20rg](https://twitter.com/g20rg)

18 November 2025



G20 Research Group
University of Toronto
6 Hoskin Avenue, Toronto Ontario M5S 1H6 Canada
g20@utoronto.ca +1-416-946-8953
www.g20.utoronto.ca www.g7g20.utoronto

Contents

Research Teams	4
Compliance Directors	4
Lead Analysts	4
Compliance Analysts	4
Introduction and Summary	6
Methodology and Scoring System	6
Commitment Breakdown	6
Selection of Commitments	6
2024 Rio de Janeiro Summit Final Compliance Scores	7
2024 Rio de Janeiro Summit Final Compliance by Member	7
2024 Rio de Janeiro Summit Final Compliance by Commitment	7
Table 1: 2024 G20 Rio de Janeiro Summit Commitments Selected	8
Table 2: 2024 G20 Rio de Janeiro Final Compliance Scores	9
Table 3: 2024 G20 Rio de Janeiro Final Compliance by Member	10
Table 4: 2024 G20 Rio de Janeiro Final Compliance Scores by Commitment	10
Table 5: G20 Compliance by Member, 2008–2024	11
1. Energy: Energy Transition Supply Chains	13
2. Development: Financial Support for Low- and Middle-Income Countries	113
3. Development: Integration of the African Union	403
4. Institutional Reform: Reforming Global Governance Institutions	447
5. Climate Change: Greenhouse Gas Reduction	570
6. Climate Change: Disaster Risk Reduction	685
7. Environment: Biodiversity	780
8. Health: Inclusive Health Systems	883
9. Macroeconomics: Fiscal Policy	1064
10. Regional Security	1141
11. Food and Agriculture: Fertilizer Shortages	1295
12. Gender Equality: Labour Markets	1333
13. Digitalization: Digital Platform Transparency	1399

5. Climate Change: Greenhouse Gas Reduction

“We recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5 C pathways.”

G20 Rio Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina	–1		
Australia			+1
Brazil			+1
Canada			+1
China			+1
France			+1
Germany		0	
India		0	
Indonesia		0	
Italy		0	
Japan			+1
Korea			+1
Mexico		0	
Russia	–1		
Saudi Arabia		0	
South Africa		0	
Türkiye		0	
United Kingdom			+1
United States		0	
African Union		0	
European Union			+1
Average		+0.33 (67%)	

Background

Since 2012, the G20 has made tackling climate change and its related challenges a primary objective, with mitigating greenhouse gas emissions becoming an increasingly vital element in efforts to address this global issue.³⁴⁸¹ Robust emissions reduction strategies are crucial for a resilient and sustainable future, as evidence shows that unchecked emissions exacerbate global warming and extreme weather conditions, disproportionately affecting disadvantaged communities.³⁴⁸²

Considering this objective, participants of the 21st session of the Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC) adopted the Paris Agreement on 12 December 2015, in Paris, France.³⁴⁸³ The Paris Agreement aims to keep global average temperatures below 2°C above pre-industrial levels, with parties of the agreement pledging to take efforts to prevent an increase in global average temperatures beyond 1.5°C above pre-industrial levels. The implementation of the Paris Agreement has been mentioned at every G20 summit since it entered into force on 4 November 2016.

³⁴⁸¹ G20 Leaders Declaration, G20 Information Centre (Toronto) 19 June 2012. Access Date: 5 March 2025.

<https://g20.utoronto.ca/2012/2012-0619-loscabos.html>

³⁴⁸² Climate Change 2023 Synthesis Report, Intergovernmental Panel on Climate Change (Geneva) n.d. Access Date: 14 March 2025. https://www.ipcc.ch/report/ar6/syr/downloads/report/IPCC_AR6_SYR_FullVolume.pdf

³⁴⁸³ The Paris Agreement, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 14 March 2025. <https://unfccc.int/process-and-meetings/the-paris-agreement>

At the 2012 Los Cabos Summit, G20 leaders reiterated their commitment to address climate change and welcomed the outcome of the 17th session of COP to the UNFCCC.³⁴⁸⁴

At the 2016 Hangzhou Summit, G20 leaders reaffirmed their commitment to the Paris Agreement and pledged to bring it into force through the emphasis of equity, climate finance, clean energy access and investment in low-greenhouse gas (GHG) energy.³⁴⁸⁵ G20 leaders also committed to strengthening international cooperation on climate mitigation and adaptation.

At the 2017 Hamburg Summit, G20 leaders declared the Paris Agreement irreversible and adopted the Climate and Energy Action Plan.³⁴⁸⁶ The leaders committed to implementing their countries' Nationally Determined Contributions (NDCs) and supporting developing countries. Leaders pledged financial and technological support for sustainable growth and low-emission strategies.³⁴⁸⁷

At the 2019 Osaka Summit, G20 leaders stressed the need for inclusive climate finance and clean technologies.³⁴⁸⁸ They committed to strengthening climate adaptation and mitigation efforts, supporting developing countries and aligning financial flows with the Paris Agreement. G20 leaders also reaffirmed their commitment to NDCs, with a goal to communicate, update or maintain their NDCs by 2020.

At the 2020 Riyadh Summit, G20 leaders reiterated their commitment to tackling climate change while ensuring energy security and economic growth.³⁴⁸⁹ Paris Agreement signatories reaffirmed their commitment to full implementation, stressing financial support for developing countries.

At the 2021 Rome Summit, G20 leaders pledged to accelerate climate mitigation, adaptation and finance, reaffirming the Paris Agreement.³⁴⁹⁰ They emphasized net-zero emissions by mid-century, strengthened NDCs and promoted clean energy access. G20 leaders also committed to scaling up climate finance, aiming to provide USD100 billion for this objective to developing countries.

At the 2022 Bali Summit, G20 leaders reaffirmed their commitment to the Paris Agreement and pledged to strengthen its implementation.³⁴⁹¹ They aimed to align NDCs with global temperature goals and scale up climate mitigation, adaptation and loss and damage efforts. G20 leaders also stressed the need for finance, technology and sustainable consumption to support climate action.

At the 2023 New Delhi Summit, G20 leaders resolved to accelerate efforts toward the Paris Agreement and pursue inclusive, sustainable growth.³⁴⁹² They committed to stronger NDC targets, reaffirmed their net-zero commitments and called for enhanced climate finance. G20 leaders also stressed ambitious, science-based action to limit the global average temperature increase to 1.5°C.

³⁴⁸⁴ G20 Leaders Declaration, G20 Information Centre (Toronto) 19 June 2012. Access Date: 5 March 2025.

<https://g20.utoronto.ca/2012/2012-0619-loscabos.html>

³⁴⁸⁵ G20 Leaders' Communiqué: Hangzhou Summit, G20 Information Centre (Toronto) 5 September 2016. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2016/160905-communique.html>

³⁴⁸⁶ G20 Leaders' Declaration: Shaping an Interconnected World, G20 Information Centre (Toronto) 8 July 2017. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

³⁴⁸⁷ G20 Hamburg Climate and Energy Action Plan for Growth, G20 Information Centre (Toronto) 8 July 2017. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2017/2017-g20-climate-and-energy.html>

³⁴⁸⁸ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

³⁴⁸⁹ Leaders' Declaration, G20 Information Centre (Toronto) 21 November 2020. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2020/2020-g20-leaders-declaration-1121.html>

³⁴⁹⁰ G20 Rome Leaders' Declaration, G20 Information Centre (Toronto) 31 October 2021. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2021/211031-declaration.html>

³⁴⁹¹ G20 Bali Leaders' Declaration, G20 Information Centre (Toronto) 16 November 2022. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2022/221116-declaration.html>

³⁴⁹² G20 New Delhi Leaders' Declaration, G20 Information Centre (Toronto) 09 September 2023. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2023/230909-declaration.html>

At the 2024 Rio de Janeiro Summit, G20 leaders emphasized sustainable development as key to tackling climate change and biodiversity loss.³⁴⁹³ They reaffirmed the Paris Agreement’s global average temperature goals and committed to net-zero emissions by 2050. G20 leaders also welcomed the outcome of the 28th session of COP, emphasizing the UAE Consensus and the first Global Stocktake of the Paris Agreement (GST-1).

Commitment Features

At the 2024 Rio de Janeiro Summit, leaders committed to “recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.”³⁴⁹⁴ This commitment is informed by the Paris Agreement which is a “legally binding international treaty on climate change” that calls on members to address global climate change, in accordance with national circumstances.³⁴⁹⁵ One of the overarching goals of the Paris Agreement, which was adopted on 12 December 2015 and entered into force on 4 November 2016, is focused on “holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change.”³⁴⁹⁶ This goal can be seen as informing G20 members’ commitment to deep, rapid and sustained reductions in greenhouse gas emissions. Overall, this scope of this commitment is limited to climate mitigation and does not include climate adaptation or financing.

Definitions and Concepts

“Need” is understood to express an obligation and can be interpreted as “we commit to.”³⁴⁹⁷

“Climate change” is understood to mean “a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods.”³⁴⁹⁸

“Greenhouse gas emissions” are “gases which exist in earth’s atmosphere and trap the sun’s radiation, producing heat and allowing for life to exist on earth. These gases include water vapour; carbon dioxide; methane nitrous oxide and ozone. Human activity of burning fossil fuels, deforestation and intense agriculture and animal husbandry, all add huge quantities of greenhouse gases in the atmosphere, trapping earth’s heat and exacerbating climate change.”³⁴⁹⁹

According to the Intergovernmental Panel on Climate Change, “broad transformations in the energy; industry; transport; buildings; and agriculture, forestry and other land-use (AFOLU) sectors” are necessary to reduce greenhouse gas emissions in line with 1.5°C pathways.³⁵⁰⁰ Across sectors, mitigation measures to reduce greenhouse gas emissions focus on “decreasing the amount of emissions released into the atmosphere and...reducing the current concentration of carbon dioxide (CO₂) by enhancing sinks.”³⁵⁰¹ “Sinks” can be

³⁴⁹³ G20 Rio de Janeiro Leaders’ Declaration, G20 Information Centre (Toronto) 18 November 2024. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2024/241118-declaration.html>

³⁴⁹⁴ G20 Rio de Janeiro Leaders’ Declaration, G20 Information Centre (Toronto) 18 November 2024. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2024/241118-declaration.html>

³⁴⁹⁵ The Paris Agreement, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 14 March 2025. <https://unfccc.int/process-and-meetings/the-paris-agreement>

³⁴⁹⁶ Paris Agreement, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 14 March 2025. https://unfccc.int/files/meetings/paris_nov_2015/application/pdf/paris_agreement_english_.pdf

³⁴⁹⁷ Compliance Coding Manual for International Institutional Commitments, Global Governance Program (Toronto) 12 November 2020. Access Date: 8 March 2025. https://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf

³⁴⁹⁸ Compliance Coding Manual for International Institutional Commitments, Global Governance Program (Toronto) 12 November 2020. Access Date: 8 March 2025. https://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf

³⁴⁹⁹ Compliance Coding Manual for International Institutional Commitments, Global Governance Program (Toronto) 12 November 2020. Access Date: 8 March 2025. https://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf

³⁵⁰⁰ Global Warming of 1.5°C, Intergovernmental Panel on Climate Change (Geneva) 2018. Access Date: 29 March 2025. https://www.ipcc.ch/site/assets/uploads/sites/2/2022/06/SR15_Full_Report_HR.pdf

³⁵⁰¹ Introduction to Mitigation, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 29 March 2025. <https://unfccc.int/topics/introduction-to-mitigation>

understood to mean “reservoir[s] (natural or human, in soil, ocean, and plants) where a greenhouse gas, an aerosol or a precursor of a greenhouse gas is stored. Note that UNFCCC Article 1.8 refers to a sink as any process, activity or mechanism which removes a greenhouse gas, an aerosol or a precursor of a greenhouse gas from the atmosphere.” Examples of sinks include forests, oceans, soils and wetlands as well as carbon capture and mineral sequestration technologies.³⁵⁰²

“Deep” is understood to mean “intense, profound; great in measure or degree.”³⁵⁰³ For this commitment, “deep” refers to substantial reductions in greenhouse gas emissions that support the target of net-zero carbon emissions by 2050 and reduce emissions for other major greenhouse gases like methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride.³⁵⁰⁴ Net-zero carbon emissions “are achieved when anthropogenic CO₂ emissions are balanced globally by anthropogenic CO₂ removals over a specified period. Net zero CO₂ emissions are also referred to as carbon neutrality.”

“Rapid” is understood to mean “moving, progressing, or occurring with speed.”³⁵⁰⁵ Any actions taken during the compliance period for the Rio de Janeiro Cycle will be seen as satisfying the rapid component of the commitment.

“Sustained” is understood to mean “continuing for a long time.”³⁵⁰⁶ As sustained greenhouse gas emissions are difficult to measure in the short-term, this commitment will rely on the criteria for “deep” emissions reductions to measure compliance. However, actions that outline long-term commitments or plans can be seen as advancing sustained reductions in greenhouse gas emissions.

“1.5°C pathways” is understood to mean “pathway[s] of emissions of greenhouse gases and other climate forcers that [provide] an approximately one-in-two to two-in-three chance, given current knowledge of the climate response, of global warming either remaining below 1.5°C or returning to 1.5°C by around 2100 following an overshoot.”³⁵⁰⁷ In this sense, “overshoot” refers to the “temporary exceedance of a specified level of global warming, such as 1.5°C. Overshoot implies a peak followed by a decline in global warming, achieved through anthropogenic removal of CO₂ [carbon dioxide] exceeding remaining CO₂ emissions globally.”

“Global” refers to, or involves, “the entire world.”³⁵⁰⁸

“National circumstances” are understood to mean “the national or, as relevant, regional development priorities, objectives and circumstances that serve as the basis for addressing issues relating to climate change.”³⁵⁰⁹ These may include geographical characteristics, population, economy, education, information relating to Articles 4.8, 4.9 and 4.10 of the United Nations Framework Convention on Climate Change and any additional information considered relevant. National circumstances are “critical for understanding a country’s vulnerability, its capacity and its options for adapting to the adverse effects of climate change, as well as its options for addressing its GHG emissions within the broader context of sustainable development.”

³⁵⁰² Global Warming of 1.5°C, Intergovernmental Panel on Climate Change (Geneva) 2018. Access Date: 29 March 2025. https://www.ipcc.ch/site/assets/uploads/sites/2/2022/06/SR15_Full_Report_HR.pdf

³⁵⁰³ Deep, Oxford English Dictionary (Oxford) n.d. Access Date: 14 March 2025. https://www.oed.com/dictionary/deep_adj

³⁵⁰⁴ Global Warming of 1.5°C, Intergovernmental Panel on Climate Change (Geneva) 2018. Access Date: 29 March 2025. https://www.ipcc.ch/site/assets/uploads/sites/2/2022/06/SR15_Full_Report_HR.pdf

³⁵⁰⁵ Rapid, Collins Dictionary (Glasgow) n.d. Access Date: 14 March 2025. <https://www.collinsdictionary.com/dictionary/english/rapid>

³⁵⁰⁶ Sustained, Cambridge Dictionary (Cambridge) n.d. Access Date: 14 March 2025. <https://dictionary.cambridge.org/dictionary/english/sustained>

³⁵⁰⁷ Global Warming of 1.5°C, Intergovernmental Panel on Climate Change (Geneva) n.d. Access Date: 8 March 2025. <https://www.ipcc.ch/sr15/>

³⁵⁰⁸ Global, Merriam-Webster (Springfield) n.d. Access Date: 14 March 2025. <https://www.merriam-webster.com/dictionary/global>

³⁵⁰⁹ REPORTING ON CLIMATE CHANGE user manual for the guidelines on national communications from non-Annex I Parties, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 14 March 2025. https://unfccc.int/resource/userman_nc.pdf

“Nationally determined manner” refers to NDCs, which are an integral part of the Paris Agreement, per Article 4 paragraph 2 of the agreement.³⁵¹⁰ In NDCs, parties to the Paris Agreement outline their plans to reduce national emissions and address the impacts of climate change. NDCs take into account national circumstances, especially for developing countries, to ensure that the Paris Agreement is implemented in a “facilitative, non-intrusive, non-punitive manner, respectful of national sovereignty, and avoid placing undue burden on Parties.”³⁵¹¹

General Interpretive Guidelines

This commitment requires G20 members to support “deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.”³⁵¹² This commitment is understood to have three dimensions and several sub-parts requiring deep or substantial 1) reductions in carbon emissions to support net-zero carbon emissions by 2050, 2) reductions in the following major non-carbon greenhouse gas emissions: a) methane, b) nitrous oxide c) hydrofluorocarbons, d) perfluorocarbons and e) sulphur hexafluoride and 3) greenhouse gas reductions in the following sectors: a) energy, b) industry, c) transport, d) buildings and e) agriculture, forestry and other land use.

Full compliance, or a score of +1, will be given to a G20 member that takes strong action across all three commitment dimensions for deep 1) reductions in carbon emissions to support net-zero carbon emissions by 2050, 2) reductions in the following major non-carbon greenhouse gas emissions: a) methane, b) nitrous oxide c) hydrofluorocarbons, d) perfluorocarbons and e) sulphur hexafluoride and 3) greenhouse gas reductions in the following sectors: a) energy, b) industry, c) transport, d) buildings and e) agriculture, forestry and other land use.

To fulfil the requirements for full compliance, the G20 member must take strong action across Part 1 and most of Parts 2 and 3 of the commitment. Examples of strong action include schemes to dramatically reduce energy usage or advance clean energy transitions in transportation systems, investment programmes to increase carbon sequestration in soils to support carbon dioxide removal, expanding forest areas or other carbon sinks, capturing methane emissions from landfills, projects to increase solar, wind or other renewable energy capacities and bilateral partnerships to improve energy efficiency in the industry and building sectors.

Partial compliance, or a score of 0, will be given to a G20 member that takes strong action across Part 1 of the commitment and at least four of the ten sub-parts outlined in Part 2 and Part 3, or if the G20 member takes weak action across most of the commitment criteria. Examples of weak actions include verbal reaffirmations towards the commitment, releasing statements that acknowledge the importance of reducing greenhouse gas emissions, participating in bilateral meetings where the topic is discussed, or taking actions that have insignificant impacts on the reduction of greenhouse gas emissions.

Non-compliance, or a score of -1, will be given to a G20 member that fails to take action towards the commitment or only takes weak action across a few of the commitment criteria or takes action that is directly and explicitly antithetical to the commitment.

³⁵¹⁰ Nationally Determined Contributions (NDCs), United Nations Framework Convention of Climate Change (Bonn) n.d. Access Date: 8 March 2025. <https://unfccc.int/process-and-meetings/the-paris-agreement/nationally-determined-contributions-ndcs>

³⁵¹¹ The Paris Agreement, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 14 March 2025. <https://unfccc.int/process-and-meetings/the-paris-agreement>

³⁵¹² G20 Rio de Janeiro Leaders' Declaration, G20 Information Centre (Toronto) 18 November 2024. Access Date: 5 March 2025. <https://www.g20.utoronto.ca/2024/241118-declaration.html>

Scoring Guidelines

-1	The G20 member has failed to take action towards the commitment or has only taken weak action across a few of the commitment criteria or has taken action directly and explicitly antithetical to the commitment.
0	The G20 member has taken strong action across Part 1 and at least four of the then sub-parts in Parts 2 and 3 of the commitment, or the G20 member has taken weak action across most of the commitment criteria.
+1	The G20 member has taken strong action across most of the commitment criteria to support deep 1) reductions in carbon emissions to support net-zero carbon emissions by 2050, 2) reductions in the following major non-carbon greenhouse gas emissions: a) methane, b) nitrous oxide c) hydrofluorocarbons, d) perfluorocarbons and e) sulphur hexafluoride and 3) greenhouse gas reductions in the following sectors: a) energy, b) industry, c) transport, d) buildings and e) agriculture, forestry and other land use.

Compliance Director: Divvy Gupta
Lead Analyst: Candace Sara Ciju

Argentina: -1

Argentina has not complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 2 December 2024, Argentina announced that Transportadora Gas del Sur will expand the Perito Moreno Gas Pipeline to increase natural gas transportation in the country.³⁵¹³ This action is expected to result in the transportation of an additional 14 million cubic meters of gas per day. This is antithetical to the commitment which requires strong action to reduce carbon emissions to support net-zero emissions by 2050.

On 24 January 2025, the Energy Secretariat of the Ministry of Economy announced Resolution 15/2025 which further deregulates the Liquefied Petroleum Gas market.³⁵¹⁴ While this action intends to increase competitiveness and reduce barriers, it also eliminates regulations preventing fracking in certain areas and establishing maximum gas quotas. This action is antithetical to the commitment which requires strong action to reduce carbon emissions as it is expected to result in increased production, with less sustainable regulations.

On 5 February 2025, President Javier Milei stated that he is considering withdrawing Argentina from the Paris Agreement.³⁵¹⁵ President Milei also called the agreement a “fraud,” rejecting the idea that human activities impact climate change.

Argentina has not complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Argentina has not taken any action to advance the commitment. However, it has taken actions that are antithetical to the commitment which is focused on the reduction of greenhouse gas emissions.

³⁵¹³ El Gobierno declaró de Interés Público Nacional la ampliación del Gasoducto Perito Moreno, Ministerio de Economía (Buenos Aires) 2 December 2024. Translation provided by Google Translate. Access Date: 28 June 2025.

³⁵¹⁴ El Gobierno Nacional inicia el proceso de desregulación del mercado del Gas Licuado de Petróleo para impulsar la competencia, Ministerio de Economía (Buenos Aires) 24 January 2025. Translation provided by Google Translate. Access Date: 28 June 2025. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-inicia-el-proceso-de-desregulacion-del-mercado-del-gas-licuado-de>

³⁵¹⁵ Milei says he's considering taking Argentina out of Paris Agreement, Buenos Aires Times (Buenos Aires) 6 February 2025. Access Date: 1 July 2025. <https://www.batimes.com.ar/news/argentina/milei-says-hes-considering-taking-argentina-out-of-paris-agreement.phtml>

Thus, Argentina receives a score of -1 .³⁵¹⁶

Analyst: Purvaai Bhatnagar

Australia: +1

Australia has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 21 November 2024, the Department of Agriculture, Fisheries and Forestry announced AUD1.8 million in grants through the Carbon Farming Outreach Program.³⁵¹⁷ These grants will go towards research and development to determine how to reduce emissions within the agricultural sector.

On 28 November 2024, Parliament passed three bills under the Future Made in Australia agenda.³⁵¹⁸ The laws establish the voluntary Guarantee of Origin scheme to certify renewable energy and low-emissions products, help Australian producers accurately represent embedded emissions and facilitate investment in clean energy projects.

On 6 December 2024, the Department of Climate Change, Energy, the Environment and Water released its First Nations Clean Energy Strategy.³⁵¹⁹ Developed with input from First Nations individuals, the Strategy provides a five-year national framework to guide investment, influence policy and support First Nations participation in the clean energy transition.

On 6 December 2024, the Clean Energy Finance Corporation (CEFC) allocated AUD50 million to Bank Australia as part of the Household Energy Upgrades Fund program.³⁵²⁰ This funding will enable up to AUD100 million in green loans, including a lean Energy Home Loan, to increase the use of renewable energy.

On 9 December 2024, the CEFC invested USD75 million in “global alternative investment manager Resource Capital Funds” to support Australia’s emerging critical mineral supply chain.³⁵²¹ This investment will help decarbonize Australia’s critical mineral supply chain while advancing clean energy.

On 11 December 2024, Minister for Climate Change and Energy Chris Bowen announced 19 renewable energy projects expected to increase renewable energy capacity by 6.4 gigawatts.³⁵²² These projects will focus on solar, hydro and hybrid technologies with many incorporating battery storage facilities.

³⁵¹⁶ This score of non-compliance was determined after consulting the following sources:

<https://www.argentina.gob.ar/economia>, <https://www.argentina.gob.ar/economia/energia>, <https://www.argentina.gob.ar/seguridad>, <https://www.cancilleria.gob.ar/>, <https://www.casarosada.gob.ar/>, <https://www.boletinoficial.gob.ar> and <https://www.batimes.com.ar/>.

³⁵¹⁷ Find the gap: Emissions information for farm businesses, Department of Agriculture, Fisheries and Forestry (Canberra) 21 November 2024. Access Date: 29 June 2025. <https://www.agriculture.gov.au/about/news/find-the-gap>

³⁵¹⁸ Australia Passes Legislation to Help Secure a Net-Zero Future, Australian Trade and Investment Commission (Canberra) 17 December 2024. Access Date: 2 April 2025. <https://international.austrade.gov.au/en/news-and-analysis/news/australia-passes-legislation-to-help-secure-a-net-zero-future>

³⁵¹⁹ First Nations Clean Energy Strategy, Department of Energy (Canberra) 6 December 2024. Access Date: 2 April 2025. <https://www.energy.gov.au/sites/default/files/2024-12/First%20Nations%20Clean%20Energy%20Strategy.pdf>

³⁵²⁰ HEUF delivers green home loans for renovations with Bank Australia, Clean Energy Finance Corporation (Sydney) 6 December 2024. Access Date: 4 May 2025. <https://www.cefc.com.au/media/media-release/heuf-delivers-green-home-loans-for-renovations-with-bank-australia/>

³⁵²¹ CEFC invests in homegrown critical minerals to strengthen clean energy supply chain, Clean Energy Finance Corporation (Sydney) 9 December 2024. Access Date: 28 March 2025. <https://www.cefc.com.au/media/media-release/cefc-invests-in-homegrown-critical-minerals-to-strengthen-clean-energy-supply-chain>

³⁵²² Australia’s clean energy transformation boosted by 19 projects, Department of Climate Change, Energy, the Environment and Water (Canberra) 11 December 2024. Access Date: 29 June 2025. <https://www.dcccew.gov.au/about/news/australias-clean-energy-transformation-boosted-by-19-projects>

On 18 December 2024, the CEFC announced AUD100 million for three new clean energy assets.³⁵²³ The assets are expected to increase renewable energy capacity by 1.3 gigawatts and battery storage capacity by 611 megawatts. This will advance the net zero transition by increasing clean energy capabilities.

On 16 January 2025, the CEFC announced an AUD100 million investment for an innovating financing mechanism called the built-to-rent strategy.³⁵²⁴ This strategy focuses on building energy efficient and electric homes which can be powered with renewable energy. This action contributes to an equitable energy transition.

On 20 January 2025, Australia unveiled plans for a new Green Aluminium Production Credit facility, investing AUD2 billion “to support aluminum smelters in transitioning to renewable electricity sources before 2036.”³⁵²⁵ This plan aims to support decarbonization in Australia’s aluminum industry.

On 21 January 2025, the Australian Government accelerated funding for a range of clean energy initiatives, underlining its commitment to creating a supportive environment for net-zero aligned investment.³⁵²⁶

On 23 January 2025, Australia allocated an additional AUD2 billion to the CEFC.³⁵²⁷ These funds will support initiatives for Australia’s green transition and renewable energy projects.

On 31 January 2025, the CEFC announced AUD300 million in co-financing with the National Australia Bank to reduce costs associated with the net zero transition.³⁵²⁸ Of note, the Bank’s Green Finance for Vehicles and Equipment program will receive AUD200 million from the CEFC to support investment discounts for the manufacturing of “key components used in renewable energy generation” and net zero vehicles and for recycling facilities.

On 7 February 2025, the Department of Climate Change, Energy, the Environment and Water announced AUD2.4 million in funding to enhance the electric vehicle charging infrastructure in Australia.³⁵²⁹ This funding will be provided through the Australian Renewable Energy Agency and support the Driving the Nation program which aims to encourage electric vehicle adoption.

On 14 February 2025, Department of Climate Change, Energy, the Environment and Water announced AUD1.85 million for Allegro Energy.³⁵³⁰ This will support the creation of reliable battery storage technology.

On 10 February 2025, the Department of Climate Change, Energy, the Environment and Water announced that the federal government and Western Australia government are launching a joint Western Australia Social

³⁵²³ CEFC finances Australia’s push to net zero with Neoen, Clean Energy Finance Corporation (Sydney) 18 December 2024. Access Date: 29 June 2025. <https://www.cefc.com.au/media/media-release/cefc-finances-australia-s-push-to-net-zero-with-neoen/>

³⁵²⁴ CEFC invests \$100 million to deliver affordable, greener housing, Clean Energy Finance Corporation (Sydney) 16 January 2025. Access Date: 23 June 2025. <https://www.cefc.com.au/media/media-release/cefc-invests-100-million-to-deliver-affordable-greener-housing/>

³⁵²⁵ Australia commits USD 1.2bn to renewable-powered aluminium production, Renewables Now (Sofia) 20 January 2025. Access Date: 28 March 2025. <https://renewablesnow.com/news/australia-commits-usd-1-2bn-to-renewable-powered-aluminium-production-1269552/>

³⁵²⁶ Australia Accelerates Investment in Net Zero Transformation, Australian Trade and Investment Commission (Canberra) 21 January 2025. Access Date: 8 May 2025. <https://international.austrade.gov.au/en/news-and-analysis/news/australia-accelerates-investment-in-net-zero-transformation>

³⁵²⁷ CEFC given extra support to help renewable energy transition, Department of Climate Change, Energy, the Environment and Water (Canberra) 23 January 2025. Access Date: 16 May 2025. <https://www.energy.gov.au/news/cefc-given-extra-support-help-renewable-energy-transition>

³⁵²⁸ CEFC and NAB back low-cost green finance for industry, farmers, Clean Energy Finance Corporation (Sydney) 31 January 2025. Access Date: 4 May 2025. <https://www.cefc.com.au/media/media-release/cefc-and-nab-back-low-cost-green-finance-for-industry-farmers/>

³⁵²⁹ EV charging infrastructure boosted with \$2.4m initiative, Department of Climate Change, Energy, the Environment and Water (Canberra) 7 February 2025. Access Date: 23 June 2025.

³⁵³⁰ Battery technology powering our future, Department of Climate Change, Energy, the Environment and Water (Canberra) 14 February 2025. Access Date: 16 May 2025. <https://www.energy.gov.au/news/battery-technology-powering-our-future>

Housing Energy Performance Initiative.³⁵³¹ The initiative aims to upgrade 4,300 homes to be more energy efficient and use less energy.

On 10 February 2025, the Ministry for Infrastructure, Transport, Regional Development and Local Government and Korea's Ministry of Oceans and Fisheries signed a Memorandum of Understanding to establish a green shipping route between the countries.³⁵³² This will help to advance the net zero transition in the marine transportation sector.

On 20 February 2025, the Department of Agriculture, Fisheries and Forestry announced AUD3 million in funding for the Zero Net Emissions Agriculture Cooperative Research Centre.³⁵³³ Over the next ten years, this funding will enable the energy transition within agriculture, advance “methane-free cattle and sheep” and focus on low-emissions options for plants.

On 5 March 2025, the Department of Climate Change, Energy, the Environment and Water announced an AUD20 million investment by the CEFC for green loans for healthcare providers.³⁵³⁴ This initiative aims to encourage healthcare providers to use rooftop solar, electric vehicles, energy-efficient fixtures and other ecologically friendly technologies.

On 17 March 2025, the CEFC announced a partnership with Lannock Strata Finance “to develop a green strata loan product for residential strata properties via the Household Energy Upgrades Fund.”³⁵³⁵ The partnership will improve the affordability of installing solar panels on residential buildings, enabling the energy transition by encouraging clean energy adoption.

On 19 March 2025, the CEFC invested AUD160 million for the real estate credit market, in partnership with the Real Estate Credit Partners IV fund.³⁵³⁶ This investment will help develop debt facilities aimed at increasing sustainability and decreasing carbon emissions within real estate.

On 21 March 2025, the Australian Renewable Energy Agency launched a call for proposals for round two of the Powering the Regions Fund: Industrial Transformation Stream.³⁵³⁷ Selected projects will receive a total of AUD70 million to support decarbonization in industry, with a focus on developing and implementing innovative technologies and solutions.

On 21 March 2025, the Department of Climate Change, Energy, the Environment and Water announced up to AUD814 million in funding for Western Australia's Murchison Green Hydrogen project.³⁵³⁸ This funding is being provided through the Hydrogen Headstart program to develop a solar and wind powered hydrogen

³⁵³¹ Energy performance upgrades for up to 4,300 Western Australian homes, Department of Climate Change, Energy, the Environment and Water (Canberra) 10 February 2025. Access Date: 29 June 2025.

<https://www.dcceew.gov.au/about/news/energy-performance-upgrades-for-wa-homes>

³⁵³² Signing of an MOU on the Establishment of a Green Shipping Route between Korea and Australia, Korea.net (Seoul) 17 February 2025. Access Date: 29 June 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=7845&type=O&insttCode=>

³⁵³³ National partnership to spur sector emissions cuts, Department of Agriculture, Fisheries and Forestry (Canberra) 20 February 2025. Access Date: 29 June 2025. <https://www.agriculture.gov.au/about/news/partnership-spur-emission-cuts>

³⁵³⁴ Green loans available for healthcare providers, Department of Climate Change, Energy, the Environment and Water (Canberra) 5 March 2025. Access Date: 23 June 2025. <https://www.energy.gov.au/news/green-loans-available-healthcare-providers>

³⁵³⁵ CEFC signs MOU with Lannock Strata Finance to develop green finance for strata properties, Clean Energy Finance Corporation (Sydney) 17 March 2025. Access Date: 23 June 2025. <https://www.cefc.com.au/media/media-release/cefc-signs-mou-with-lannock-strata-finance-to-develop-green-finance-for-strata-properties/>

³⁵³⁶ Clean Energy Finance Corporation (Sydney) 19 March 2025. Access Date: 29 June 2025.

<https://www.cefc.com.au/media/media-release/cefc-pioneers-progressive-sustainable-finance-in-real-estate-credit/>

³⁵³⁷ ARENA boosts funding support for industrial decarbonisation, Australian Renewable Energy Agency (Canberra) 21 March 2025. Access Date: 29 June 2025. <https://arena.gov.au/news/arena-boosts-funding-support-for-industrial-decarbonisation/>

³⁵³⁸ Murchison Green Hydrogen Project to get H2 Headstart, Department of Climate Change, Energy, the Environment and Water (Canberra) 21 March 2025. Access Date: 29 June 2025. <https://www.dcceew.gov.au/about/news/murchison-green-hydrogen-project-get-h2-headstart>

and ammonia production facility with a 1,500 megawatts capacity. This project will help advance renewable energy and the net zero transition.

On 25 March 2025, Australia released the 2025 Federal Budget.³⁵³⁹ The budget highlights the government's continued investment in the Future Made in Australia Innovation Fund, allocating AUD500 million for renewable energy and AUD250 million for clean energy technologies. Additionally, the CEFC will receive a AUD2 billion to fund renewable energy, lower emissions, support energy efficiency technologies and build a green economy, aiming to unlock AUD8 billion more in private co-investment for Australia's clean energy sector.

On 28 March 2025, Minister Bowen and Assistant Treasurer and Minister for Financial Services Stephen Jones announced that the Albanese Government will allocate AUD24.5 million in investments towards Boral, a New South Wales cement supplier.³⁵⁴⁰ This investment will allow Boral to "adopt new technologies that lower emissions" while sustaining business growth.

On 5 May 2025, the CEFC confirmed that it will allocate AUD750 million in investments via the Rewiring the Nation Fund towards the Central-West Orana Renewable Energy Zone (REZ) which is Australia's largest renewable energy zone.³⁵⁴¹ The construction of REZ will allow additional renewable energy power to reach users in New South Wales.

On 21 May 2025, Minister Bowen announced AUD1 billion in investments through its Solar Sunshot program for a local Adelaide solar manufacturing facility.³⁵⁴² Additionally, AUD46 million was granted by the Australian Renewable Energy Agency to 5B, a local solar company, to expand its production of solar units in Adelaide.

On 18 June 2025, Minister for the Environment and Water Murray Watt and Member for Lyons Rebecca White announced the construction of a new solar farm in Bothwell, Tasmania.³⁵⁴³ The facility is expected to reduce 44,000 tonnes of carbon dioxide emissions annually once complete. It will include approximately 4,000 solar panels and a 144 megawatts battery storage capacity.

On 23 June 2025, the CEFC announced that it will allocate AUD20 million in investments to CommBank's Home Energy Upgrades service through the Household Energy Upgrade Fund.³⁵⁴⁴ This support aims to lower household energy bills by helping more Australians "access low-interest loans for solar panels, battery systems and electric vehicle chargers".

³⁵³⁹ Building Australia's Future, Government of Australia (Canberra) 25 March 2025. Access Date: 13 August 2025. <https://budget.gov.au/content/overview/download/budget-overview.pdf>

³⁵⁴⁰ \$25 million to back New South Wales industry to build Australia's future, Department of Climate Change, Energy, the Environment and Water (Canberra) 28 March 2025. Access Date: 22 July 2025. <https://minister.dcceew.gov.au/bowen/media-releases/25-million-back-new-south-wales-industry-build-australias-future>

³⁵⁴¹ CEFC commits \$750 million to development of landmark NSW energy transformation project, Clean Energy Finance Corporation (Sydney) 5 May 2025. Access Date: 22 July 2025. <https://www.cefc.com.au/media/media-release/cefc-commits-750-million-to-development-of-landmark-nsw-energy-transformation-project/>

³⁵⁴² Delivering a Future Made in Australia with solar manufacturing in Adelaide, Department of Climate Change, Energy, the Environment and Water (Canberra) 21 May 2025. Access Date: 22 July 2025. <https://minister.dcceew.gov.au/bowen/media-releases/delivering-future-made-australia-solar-manufacturing-adelaide>

³⁵⁴³ Joint media release: New solar farm in Tasmania to power 30,000 homes, Senator the Hon Murray Watt Minister for the Environment and Water (Canberra) 18 June 2025. Access Date: 13 August 2025. <https://minister.dcceew.gov.au/watt/media-releases/joint-media-release-new-solar-farm-tasmania-power-30000-homes>

³⁵⁴⁴ CEFC backs new CommBank service to help customers with home energy upgrades, Clean Energy Finance Corporation (Sydney) 23 June 2025. Access Date: 22 July 2025. <https://www.cefc.com.au/media/media-release/cefc-backs-new-commbank-service-to-help-customers-with-home-energy-upgrades/x>

On 4 July 2025, the CEFC announced that it had allocated AUD6 million in investment towards getting more Battery Electric Trucks on roads.³⁵⁴⁵ As electrifying the transport sector poses operational and logistical challenges, this investment will allow diesel vehicles to be replaced easier and help reduce emissions.

On 4 July 2025, the Department of Infrastructure, Transport, Regional Development, Communications, Sport and the Arts, along with the Korean Ministry of Oceans and Fisheries, announced that a “preliminary feasibility study for building a Korea-Australia green shipping route” will be conducted.³⁵⁴⁶ The study is a follow-up to the signing of a Memorandum of Understanding in February 2025, and will begin by analysing eco-friendly fuel supply chains, port trends, port infrastructure systems and ships suitable for operation.

On 4 July 2025, Minister Bowen and Member for Newcastle Sharon Claydon announced AUD432 million in funding for Orica’s Hunter Valley Hydrogen Hub through the Australian Renewable Energy Agency.³⁵⁴⁷ This project will increase renewable energy capacity through increased green hydrogen and support the development of green ammonia for the agriculture, mining and manufacturing sectors.

On 9 July 2025, ARENA pledged AUD60 million in funding for solar research and development to accelerate the next generation of innovation in ultra-low-cost solar.³⁵⁴⁸ This funding round supports ARENA’s vision of reducing installed solar costs to 30 cents per watt and bringing the levelized cost of electricity below AUD20 per megawatt hour by 2030.

On 11 July 2025, Minister Bowen, Minister for Foreign Affairs Penny Wong and Minister for Pacific Island Affairs Pat Conroy announced AUD16.4 million in funding to support Palau in increasing renewable energy for its electricity grid.³⁵⁴⁹ This action will advance the reduction of carbon emissions and use of renewable energy technologies like solar and hydro power.

On 24 July 2025, ARENA announced AUD44.9 million in funding to Calix to build a new demonstration plant using its Zero Emissions Steel Technology.³⁵⁵⁰ The plant, powered by renewable electricity and hydrogen, will produce up to 30,000 tonnes of low-carbon hydrogen, direct reduced iron and hot briquetted iron annually. The project will also support early work on a larger commercial-scale plant, promoting Australia’s capacity in low-emissions metals.

On 29 July 2025, Export Finance Australia committed USD75 million to the Vietnam Prosperity Joint Stock Commercial Bank as part of a USD350 million loan facility coordinated by Sumitomo Mitsui Banking Corporation, with participation from British International Investment, FinDev Canada and the Japan International Cooperation Agency.³⁵⁵¹ The funds will expand climate finance for Vietnam’s green transition,

³⁵⁴⁵ CEFC commits \$6 million to accelerate Battery Electric Truck adoption in Australia, Clean Energy Finance Corporation (Sydney) 4 July 2025. Access Date: 22 July 2025. <https://www.cefc.com.au/media/media-release/cefc-commits-6-million-to-accelerate-battery-electric-truck-adoption-in-australia/>

³⁵⁴⁶ Building of Korea-Australia Green Shipping Route to Begin in Full Swing, Ministry of Oceans and Fisheries (Seoul) 4 July 2025. Access Date: 22 July 2025. <https://www.mof.go.kr/doc/ko/selectDoc.do?docSeq=62231&menuSeq=485&bbsSeq=90>

³⁵⁴⁷ Joint media release: Albanese Government backs renewable boost to Hunter Valley, The Hon Chris Bowen MP Minister for Climate Change and Energy (Canberra) 4 July 2025. Access Date: 13 August 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-albanese-government-backs-renewable-boost-hunter-valley>

³⁵⁴⁸ New \$60 million funding round to uncover next generation of solar innovation, Australian Renewable Energy Agency (Canberra) 9 July 2025. Access Date: 21 August 2025. <https://arena.gov.au/news/new-60-million-funding-round-to-uncover-next-generation-of-solar-innovation/>

³⁵⁴⁹ Joint media release: Investing in Palau’s clean energy transition, The Hon Chris Bowen MP Minister for Climate Change and Energy (Canberra) 11 July 2025. Access Date: 13 August 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-investing-palau-s-clean-energy-transition>

³⁵⁵⁰ ARENA backs Calix with \$44.9M to fire up green steel future, Australian Renewable Energy Agency (Canberra) 24 July 2025. Access Date: 21 August 2025. <https://arena.gov.au/news/arena-backs-calix-with-44-9m-to-fire-up-green-steel-future/>

³⁵⁵¹ Export Finance Australia supporting Vietnam Prosperity Joint Stock Commercial Bank to deliver infrastructure in Vietnam, Export Finance Australia (Sydney) 30 July 2025. Access Date: 5 October 2025. <https://www.exportfinance.gov.au/newsroom/export-finance-australia-supporting-vietnam-prosperity-joint-stock-commercial-bank-to-deliver-infrastructure-in-vietnam/>

including renewable energy, clean transport, and energy efficiency projects that support the country's net-zero pathway.

On 5 August 2025, the Australian Government, through ARENA, announced the rollout of more than 50 new community batteries across Adelaide and regional South Australia.³⁵⁵² The projects will deliver over 13 megawatts of storage, supporting grid stability and lowering peak demand while powering up to 12,000 homes.

On 6 August 2025, ARENA announced AUD45.5 million in funding to boost domestic solar manufacturing.³⁵⁵³ AUD34.5 million was awarded to Tindo to upgrade its Mawson Lakes facility in South Australia, scaling annual production from 20 megawatts to 180 megawatts. A further AUD11 million was allocated to Solquartz, Energus and Stellar to conduct feasibility studies into local polysilicon, ingot and wafer production. The funding aims to strengthen Australia's solar PV industry, create new jobs and build resilient renewable energy supply chains.

On 11 August 2025, the Federal Government and New South Wales Government announced a partnership with 22 Community Housing providers to deliver energy upgrades to more than 2,300 social housing homes, with AUD18 million in joint funding.³⁵⁵⁴ Planned upgrades include rooftop solar panels, reverse cycle air conditioning, energy-efficient hot water systems, insulation, window shading and LED lighting.

On 14 August 2025, ARENA announced a AUD9 million grant to BluVein to support the trial of its new "hammer and rail" dynamic charging technology for heavy mining vehicles.³⁵⁵⁵ The technology aims to reduce mining emissions, improve worker safety and optimise efficiency by enabling electrification powered by renewable energy.

On 14 August 2025, ARENA pledged AUD3.6 million in funding through its Regional Microgrids Program to Horizon Power for the Blackstone Hybrid Energy Project in Papulankutja, Western Australia.³⁵⁵⁶ The project will deploy up to 778 kilowatts of solar photovoltaic, a 2 megawatt-hour battery energy storage system and 400 kilowatts of diesel generation to transition the First Nations Community away from high-cost diesel. The project intends to serve as a scalable blueprint for delivering clean and reliable energy to other remote First Nations communities.

On 19 August 2025, ARENA launched the AUD500 million Battery Breakthrough Initiative (BBI) to accelerate battery manufacturing across Australia.³⁵⁵⁷ The program will create clean energy manufacturing opportunities, strengthen local supply chains and support Australia's transition to net zero emissions. Developed in consultation with the Department of Industry, Science and Resources and aligned with the Future Made in Australia policy agenda, BBI will provide capital grants, production incentives and other funding options.

³⁵⁵² Joint media release: Powering communities as batteries switched on, Department of Climate Change, Energy, the Environment and Water (Canberra) 5 August 2025. Access Date: 21 August 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-powering-communities-batteries-switched>

³⁵⁵³ \$45.5 million to supercharge Australian solar manufacturing, Australian Renewable Energy Agency (Canberra) 6 August 2025. Access Date: 21 August 2025. <https://arena.gov.au/news/45-5-million-to-supercharge-australian-solar-manufacturing/>

³⁵⁵⁴ Joint media release: Funding energy upgrades to cut bills and tackle climate change, Department of Climate Change, Energy, the Environment and Water (Canberra) 11 August 2025. Access Date: 21 August 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-funding-energy-upgrades-cut-bills-and-tackle-climate-change>

³⁵⁵⁵ First of its kind charging solution for heavy mining vehicles, Australian Renewable Energy Agency (Canberra) 14 August 2025. Access Date: 21 August 2025. <https://arena.gov.au/news/first-of-its-kind-charging-solution-for-heavy-mining-vehicles/>

³⁵⁵⁶ ARENA funding sparks clean energy future for Blackstone, Australian Renewable Energy Agency (Western Australia) 14 August 2025. Access Date: 21 August 2025. <https://arena.gov.au/news/arena-funding-sparks-clean-energy-future-for-blackstone/>

³⁵⁵⁷ Supercharging battery manufacturing in Australia, Australian Renewable Energy Agency (Canberra) 19 August 2025. Access Date: 22 October 2025. <https://arena.gov.au/news/supercharging-battery-manufacturing-in-australia/>

On 4 September 2025, Minister Bowen and Minister Wilson committed AUD150 million under the Solar Sunshot Program to strengthen Australia's solar manufacturing industry.³⁵⁵⁸ The funding will help expand domestic capability across key areas of the solar supply chain, including framing, solar glass, junction boxes and deployment technologies. The initiative aims to create new local jobs, support regional communities and build a more secure and resilient clean energy industry.

On 11 September 2025, ARENA announced AUD12.3 million in funding to Mondo Power for Australia's first shared electric truck charging hub in Laverton North, Melbourne.³⁵⁵⁹ The project will develop, construct and operate a dedicated hub featuring 14 dual plug chargers purpose built for heavy battery electric trucks. The project aims to support the transition of the heavy transport sector toward low-emission freight operations.

On 17 September 2025, Australia committed AUD1.1 billion to launch the Cleaner Fuels Program, a ten-year initiative to accelerate Australian production of low carbon liquid fuels such as renewable diesel and sustainable aviation fuel.³⁵⁶⁰ The program aims to strengthen domestic supply chains, reduce emissions in hard-to-abate sectors like transport and construction and support farmers and regional industries that supply feedstocks such as canola, sugar and waste.

On 18 September 2025, the Department of Climate Change, Energy, the Environment and Water announced its 2035 emissions reduction target and released the Net Zero Plan as the next step toward achieving net zero emissions by 2050.³⁵⁶¹ The target aims to cut emissions by 62 to 70 per cent below 2005 levels by 2035. The Plan outlines five priorities: clean electricity, electrification and efficiency, clean fuels, new technologies and carbon removals. This project aims to grow the economy, attract investment, and ensure all Australians benefit from the transition to net zero.

On 20 September 2025, Minister Bowen and Minister Wilson committed AUD40 million through its Net Zero Plan to expand Australia's electric vehicle charging network.³⁵⁶² The funding will help deliver new public kerbside and fast-charging stations nationwide, strengthening Australia's electric vehicles ecosystem and support deployment in both urban and regional areas.

On 25 September 2025, ARENA opened the third round of its Industrial Transformation Stream Program, offering AUD180 million to help regional industries reduce emissions and adopt cleaner energy.³⁵⁶³ The funding supports projects that use innovative or proven low-emission technologies, such as electric heat pumps or biogas recovery and can be scaled across industries.

On 30 September 2025, ARENA committed over AUD12 million to help McCain Foods, Sugar Australia and Blackmores decarbonise their manufacturing operations through low-emission process heat technologies.³⁵⁶⁴ McCain Foods will install two heat recovery systems to reduce natural gas use by 22 per cent, while Sugar

³⁵⁵⁸ \$150 million boost for homegrown solar manufacturing, Minister for Climate Change and Energy (Canberra) 4 September 2025. Access Date: 22 October 2025. <https://minister.dcceew.gov.au/bowen/media-releases/150-million-boost-homegrown-solar-manufacturing>

³⁵⁵⁹ \$12.3 million for Australian first shared truck charging hub, Australian Renewable Energy Agency (Canberra) 11 September 2025. Access Date: 22 October 2025. <https://arena.gov.au/news/12-3-million-for-australian-first-shared-truck-charging-hub/>

³⁵⁶⁰ New production incentive for low carbon liquid fuels, Minister for Climate Change and Energy (Canberra) 17 September 2025. Access Date: 18 October 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-fuelling-future-11-billion-power-cleaner-aussie-fuel-production>

³⁵⁶¹ Setting Australia's 2035 climate change target, Department of Climate Change, Energy, the Environment and Water (Canberra) 18 September 2025. Access Date: 18 October 2025. <https://www.dcceew.gov.au/about/news/setting-2035-target-path-net-zero>

³⁵⁶² Joint media release: \$40 million to expand Australia's EV charging network, Minister for Climate Change and Energy (Canberra) 20 September 2025. Access Date: 22 October 2025. <https://minister.dcceew.gov.au/bowen/media-releases/joint-media-release-40-million-expand-australias-ev-charging-network>

³⁵⁶³ Multi-million dollar funding for regions to go green, Australian Renewable Energy Agency (Canberra) 25 September 2025. Access Date: 22 October 2025. <https://arena.gov.au/news/multi-million-dollar-funding-for-regions-to-go-green/>

³⁵⁶⁴ Decarbonising Australian manufacturing, Australian Renewable Energy Agency (Canberra) 30 September 2025. Access Date: 22 October 2025. <https://arena.gov.au/news/decarbonising-australian-manufacturing/>

Australia will replace gas evaporators at its sugar refinery with an electrically driven mechanical vapour recompression system. Blackmores will cut gas consumption by 25 per cent by replacing a boiler with a high-efficiency heat pump using renewable electricity and refrigeration condensate.

On 9 October 2025, Minister Bowen pledged over AUD600 million through the Capacity Investment Scheme to support 20 renewable energy projects across the National Electricity Market.³⁵⁶⁵ The projects will deliver 6.6 gigawatts of new renewable generation capacity by 2030. The projects have committed AUD291 million in community benefits and AUD348 million in First Nations benefits, including funding for local infrastructure, energy rebates, biodiversity initiatives and partnerships with schools.

On 10 October 2025, ARENA launched the second round of its Hydrogen Headstart Program, offering up to AUD2 billion in funding to accelerate the development of large-scale renewable hydrogen projects across Australia.³⁵⁶⁶ The program will support projects that reduce the cost of renewable hydrogen production and target high-priority use cases, including innovative plant construction, improved electrolyser efficiency, flexible operations and enhanced end-use infrastructure for sectors such as green ammonia, iron and steel, alumina and long-distance heavy transport.

On 14 October 2025, Minister Wilson announced the expansion of the Commercial Building Disclosure (CBD) program.³⁵⁶⁷ The expansion aims to reduce energy costs and emissions for more Australian businesses. To expand the CBD program, the Australian government has invested AUD10 million. An additional AUD10 million will be dedicated to “increase the range of energy ratings tools and services for the world-leading National Australian Built Environment Rating System.”

On 24 October 2025, Australia, under the national environment law, approved a new wind farm in Western Australia.³⁵⁶⁸ The 108-megawatt wind farm is set to produce enough electricity to power nearly 70,000 homes and reduce greenhouse gas emissions by 286,000 tonnes of carbon dioxide annually.

On 29 October 2025, Australia approved a 400-megawatt battery energy storage system project.³⁵⁶⁹ The project aims to provide electricity to up to 101,500 households for four hours during peak demand. Additionally, the project aims to enhance grid stability and minimize energy wastage from nearby solar farms and renewable projects by capturing surplus energy.

On 4 November 2025, Minister Bowen introduced Solar Sharer, a new retail energy offer that will provide homes with free solar during the day.³⁵⁷⁰ The launch of Solar Sharer is currently set for 2026 through the Default Market Offer and will require retailers to provide households with free electricity for a minimum of three hours in the middle of the day, coinciding with peak solar generation.

Australia has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Australia has taken strong actions to reduce carbon

³⁵⁶⁵ \$600 million community boost as next wave of renewable projects power ahead, Minister for Climate Change and Energy (Canberra) 9 October 2025. Access Date: 22 October 2025. <https://minister.dcceew.gov.au/bowen/media-releases/600-million-community-boost-next-wave-renewable-projects-power-ahead>

³⁵⁶⁶ New Hydrogen Headstart round continues industry scale-up, Australian Renewable Energy Agency (Canberra) 10 October 2025. Access Date: 22 October 2025. <https://arena.gov.au/news/new-hydrogen-headstart-round-continues-industry-scale-up/>

³⁵⁶⁷ \$20 million to cut energy costs and emissions for major commercial buildings, Assistant Minister for Climate Change and Energy (Canberra) 14 October 2025. Access Date: 9 November 2025. <https://minister.dcceew.gov.au/wilson/media-releases/20-million-cut-energy-costs-and-emissions-major-commercial-buildings>

³⁵⁶⁸ Joint media release: New wind farm for WA's wheatbelt to power nearly 70,000 homes, Minister for the Environment and Water (Canberra) 24 October 2025. Access Date: 11 November 2025. <https://minister.dcceew.gov.au/watt/media-releases/joint-media-release-new-wind-farm-was-wheatbelt-power-nearly-70000-homes>

³⁵⁶⁹ Fast approval for Western Downs battery, Minister for the Environment and Water (Canberra) 29 October 2025. Access Date: 11 November 2025. <https://minister.dcceew.gov.au/watt/media-releases/fast-approval-western-downs-battery>

³⁵⁷⁰ More Australian homes to get access to solar power, Minister for Climate Change and Energy (Canberra) 4 November 2025. Access Date: 11 November 2025. <https://minister.dcceew.gov.au/bowen/media-releases/more-australian-homes-get-access-solar-power>

emissions to support net-zero carbon emissions by 2050 through investments through the Carbon Farming Outreach Program, funding by the CEFC for clean energy projects, green loans and debt facilities for the building sector, financing industrial decarbonization projects and advancing a green hydrogen project. In doing so, it has taken strong action across the energy, industry, building, transportation and agriculture, fisheries and other land use sectors and has supported reductions in methane.

Thus, Australia receives a score of +1.

Analyst: Xingze Guan

Brazil: +1

Brazil has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 10 December 2024, the National Energy Policy Council (CNPE) approved the establishment of a permanent technical committee to regulate the Fuel for the Future legislation announced in October 2024.³⁵⁷¹ The law aims to advance green diesel, sustainable aviation fuel and biomethane, carbon storage and capture and other mechanisms to advance sustainable low-carbon energy.

On 10 December 2024, the CNPE approved a resolution that sets mandatory targets for the reduction of greenhouse gases in Brazil between 2025 and 2034.³⁵⁷² This resolution is set through the Brazilian National Biofuel Policy and focuses on decarbonizing the transport sector to ensure sustainable energy security, expand Brazil's renewable energy supply chains and ensure sustainable development. The resolution aims to reduce greenhouse gas emissions by 11.37 per cent by 2034 based on 2018 levels.

On 12 December 2024, President Luiz Inácio Lula da Silva signed Law 15.042 to establish a carbon credit market as well as set a limit on total greenhouse gas emissions.³⁵⁷³ This new carbon market will have two sections, regulatory and voluntary. Under the regulatory section, decarbonization targets are set based on economic sectors and under the voluntary market, companies can choose to buy carbon credits to meet their own company emissions goals.

On 20 December 2024, the Brazilian Development Bank (BNDES) approved BRL94.8 million in funding to acquire 87 electric buses for São Paulo.³⁵⁷⁴ Provided through the Severance Indemnity Fund and Climate Fund, this financing will promote Brazil's decarbonization process while improving urban mobility.

On 10 January 2025, President Lula signed a law authorizing offshore wind farm development.³⁵⁷⁵ This law supports Brazil's energy transition and includes provisions to consult with local communities.

³⁵⁷¹ CNPE cria comitê interministerial para coordenar a regulamentação do Combustível do Futuro, Ministério de Minas e Energia (Brasília) 10 December 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/cnpe-cria-comite-interministerial-para-coordenar-a-regulamentacao-do-combustivel-do-futuro>

³⁵⁷² CNPE aprova metas do Renovabio para redução de emissões de toneladas de CO2 nos próximos dez anos, Ministério de Minas e Energia (Brasília) 10 December 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/cnpe-aprova-metas-do-renovabio-para-reducao-de-emissoes-de-toneladas-de-co2-nos-proximos-dez-anos>

³⁵⁷³ President Lula signs law creating regulated carbon market in Brazil, Government of Brazil (Brasília) 12 December 2024. Access Date: 29 March 2025. <https://www.gov.br/planalto/en/latest-news/2024/12/president-lula-signs-law-creating-regulated-carbon-market-in-brazil>

³⁵⁷⁴ BNDES aprova R\$ 94,8 mi à Mobi para aquisição de 87 ônibus elétricos para a cidade de São Paulo, Agência BNDES de Notícias (Brasília) 20 December 2024. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R\\$-948-mi-a-Mobi-para-aquisicao-de-87-onibus-eletricos-para-a-cidade-de-Sao-Paulo/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R$-948-mi-a-Mobi-para-aquisicao-de-87-onibus-eletricos-para-a-cidade-de-Sao-Paulo/)

³⁵⁷⁵ President Lula signs law creating renewable energy generation from offshore wind turbines, Governo Federal (Brasília) 13 January 2025. Access Date: 23 June 2025. <https://www.gov.br/planalto/en/latest-news/2025/01/president-lula-signs-law-creating-renewable-energy-generation-from-offshore-wind-turbines>

On 31 January 2025, the Ministry of Mines and Energy and the Brazilian Nuclear and Binational Energy Holding Company allocated BRL100 million for government buildings to transition to using renewable energy via renovations and installations of “local renewable energy generation technologies.”³⁵⁷⁶ This supports reliable and responsible energy transition technologies with financial transparency measures and partnerships with local energy producers.

On 2 February 2025, the Ministry of Mines and Energy and the Uruguayan Ministry of Industry, Energy and Mining signed a Memorandum of Understanding to promote electrical energy transfer from the Presidente Médici Power Substation in Uruguay to Brazil’s Candiota II SE in Rio Grande do Sul.³⁵⁷⁷ This partnership aims to promote energy integration while supporting renewable energy.

On 18 February 2025, the CNPE approved Brazil’s participation as a member in the International Energy Agency and International Renewable Energy Agency and as a participant country in the Charter of Cooperation between Oil Producing Countries.³⁵⁷⁸ This will help Brazil advance its leadership and involvement in the energy transition.

On 18 February 2025, the CNPE approved the creation of a Working Group focused on diversifying raw materials and supporting small biofuel producers including family farms.³⁵⁷⁹ This action aims to advance clean energy across the supply chain including in the transportation sector.

On 21 February 2025, the Ministry of Science, Technology and Innovation announced plans to allocate BRL500 million towards the Sustainability and Renewable Energy Program for Artificial Intelligence.³⁵⁸⁰ The funding will support solar, wind, hydroelectric, biomass and other renewable energy projects aimed at decreasing carbon emissions and advancing the net zero transition.

On 28 February 2025, Vice President of Brazil and Minister of Development, Industry, Commerce and Services Geraldo Alckmin announced BRL3 billion in financial credits for 2025-2026.³⁵⁸¹ These credits will support energy efficiency and decarbonization within the industrial sector, helping to advance the net zero transition.

³⁵⁷⁶ ENBPar e MME disponibilizam R\$ 100 milhões para “zerar” consumo de energia em prédios públicos, Empresa Brasileira de Participações em Energia Nuclear e Binacional (Brasília) 31 January 2025. Translation provided by Google Translate. Access Date: 9 May 2025. <https://enbpar.gov.br/enbpar-e-mme-disponibilizam-r-100-milhoes-para-zerar-consumo-de-energia-em-predios-publicos/>

³⁵⁷⁷ Brasil e Uruguai assinam acordo para ampliar integração energética na América do Sul, Ministério de Minas e Energia (Brasília) 2 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/brasil-e-uruguai-assinam-acordo-para-ampliar-integracao-energetica-na-america-do-sul>

³⁵⁷⁸ CNPE aprova engajamento do Brasil em organismos internacionais estratégicos para a transição energética, Ministério de Minas e Energia (Brasília) 18 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/cnpe-aprova-engajamento-do-brasil-em-organismos-internacionais-estrategicos-para-a-transicao-energetica>

³⁵⁷⁹ CNPE cria Grupo de Trabalho para diversificar matérias-primas e incluir agricultores familiares e pequenos produtores na produção de biocombustíveis, Ministério de Minas e Energia (Brasília) 18 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/cnpe-cria-grupo-de-trabalho-para-diversificar-materias-primas-e-incluir-agricultores-familiares-e-pequenos-produtores-na-producao-de-biocombustiveis>

³⁵⁸⁰ PBIa prevê R\$ 500 milhões para data centers verdes, que aliam tecnologia e sustentabilidade, Ministério da Ciência, Tecnologia e Inovação (Brasília) 21 February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mcti/pt-br/acompanhe-o-mcti/noticias/2025/02/pbia-preve-r-500-milhoes-para-data-centers-verdes-que-aliam-tecnologia-e-sustentabilidade>

³⁵⁸¹ Alckmin anuncia R\$ 3 bilhões para segunda fase do programa de modernização do parque fabril, Ministério do Desenvolvimento, Indústria, Comércio e Serviços (Brasília) 28 February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mdic/pt-br/assuntos/noticias/2025/fevereiro/alckmin-anuncia-r-3-bilhoes-para-segunda-fase-do-programa-de-modernizacao-do-parque-fabril>

On 7 March 2025, the BNDES approved BRL150 million from the Climate Fund for the Piracanjuba Group to produce biogas.³⁵⁸² This investment will allow the Piracanjuba Group to replace fossil-fuel-run boilers and build wastewater treatment plants with biogas production. This project aims to “transform liquid waste management into a valuable source of clean energy.”

On 12 March 2025, the National Council of Export Processing Zones approved a green hydrogen and ammonia project aimed at producing three gigawatts per year.³⁵⁸³ The council also approved a project to use wooden pellets as a renewable fuel alternative to coal and a project aimed at producing renewable aviation kerosene. The projects are expected to have BRL35 billion in investments altogether.

On 13 March 2025, the Brazilian Development Bank (BNDES) approved a BRL241.8 million loan to support Stellantis Automóveis Brasil Ltd. in developing technologies for the production of hybrid and electric vehicles at its Betim plant.³⁵⁸⁴ This initiative will help the company develop engine technologies for the Brazilian market.

On 14 March 2025, the BNDES approved BRL264 million in loans for the city of Salvador to acquire 250 buses, compliant with European emissions standards.³⁵⁸⁵ This will support carbon emissions reductions in the transportation sector.

On 26 March 2025, the BNDES approved BRL690 million for the construction of two wind farms.³⁵⁸⁶ The facilities will be part of the Serra do Tigre Wind Complex which has a total capacity of 756 megawatts.

On 28 March 2025, President Lula met with President of Vietnam Luong Cuong to announce and sign the “Action Plan for 2025-2030” which includes increased cooperation for renewable energy development and implementation.³⁵⁸⁷ This supports the diversification of renewable energy technologies as well as research partnerships in semiconductors, artificial intelligence and energy.

On 8 April 2025, the Steering Committee of the National Fund on Climate Change approved BRL11.2 billion in funding for the 2025 Annual Resource Application Plan.³⁵⁸⁸ This funding will support climate mitigation and adaptation through projects for the energy transition and green services, including within the transport sector.

³⁵⁸² BNDES aprova R\$ 150 mi do Fundo Clima para Grupo Piracanjuba produzir biogas em quatro unidades industriais, Agência BNDES de Notícias (Brasília) 7 March 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R\\$-150-mi-do-Fundo-Clima-para-Grupo-Piracanjuba-produzir-biogas-em-quatro-unidades-industriais/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R$-150-mi-do-Fundo-Clima-para-Grupo-Piracanjuba-produzir-biogas-em-quatro-unidades-industriais/)

³⁵⁸³ Projeto de hidrogênio verde vai operar no Piauí, Ministério do Desenvolvimento, Indústria, Comércio e Serviços (Brasília) 12 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mdic/pt-br/assuntos/noticias/2025/marco/projeto-de-hidrogenio-verde-vai-operar-no-piaui-em-parnaiba>

³⁵⁸⁴ BNDES aprova R\$ 241,8 mi para Stellantis desenvolver tecnologia para produção de veículos híbridos e elétricos no Brasil, Banco Nacional de Desenvolvimento Econômico e Social (Rio de Janeiro) 13 March 2025. Access Date: 16 April 2025. <https://www.bndes.gov.br/wps/portal/site/home/imprensa/noticias/conteudo/bndes-aprova-r-2418-mi-para-stellantis-desenvolver-tecnologia-para-producao-de-veiculos-hibridos-e-eletricos-no-brasil/>

³⁵⁸⁵ Novo PAC: BNDES apoia renovação sustentável da frota de ônibus de Salvador com R\$ 264 mi, Agência BNDES de Notícias (Brasília) 14 March 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/Novo-PAC-BNDES-apoia-renovacao-sustentavel-da-frota-de-onibus-de-Salvador-com-R\\$-264-mi/](https://agenciadenoticias.bndes.gov.br/cultura/Novo-PAC-BNDES-apoia-renovacao-sustentavel-da-frota-de-onibus-de-Salvador-com-R$-264-mi/)

³⁵⁸⁶ Com R\$ 690 mi, BNDES financia construção de parques eólicos no RN, Banco Nacional de Desenvolvimento Econômico e Social (Rio de Janeiro) 26 March 2025. Access Date: 16 May 2025. <https://www.bndes.gov.br/wps/portal/site/home/imprensa/noticias/conteudo/com-690-milhoes-de-reais-bndes-financia-construcao-de-parques-eolicos-no-rn>

³⁵⁸⁷ Brasil e Vietnã oficializam Plano de Ação para o período de 2025 a 2030, Presidência da República (Hanoi) 28 March 2025. Translation provided by Google Translate. Access Date: 9 May 2025. https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2025/03/brasil-e-vietna-oficializam-plano-de-acao-para-o-periodo-de-2025-a-2030?set_language=pt-br

³⁵⁸⁸ Fundo Clima aprova R\$ 11,2 bilhões em investimentos para 2025, Ministério do Meio Ambiente e Mudança do Clima (Brasília) 11 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mma/pt-br/noticias/fundo-clima-aprova-r-11-2-bilhoes-em-investimentos-para-2025>

On 15 April 2025, Minister of Mines and Energy Alexandre Silveira inaugurated an innovative biofuel production unit which will produce green fuel to replace diesel. This facility will receive a BRL80 million investment for research, development and construction. In addition, Minister Silveira also announced construction for a new industrial unit which will produce up to 210 million liters of wheat ethanol per year as well as 153,200 tonnes of animal feed.³⁵⁸⁹ This facility will receive BRL1.1 billion in funding.

On 11 May 2025, Minister Silveira, China's Windey Energy Technology Group and SENAI CIMATEC signed a Memorandum of Understanding to develop energy storage, advance wind energy and green hydrogen in Brazil, promote renewable energy in rural agricultural areas and promote renewable energy within the electrical grid.³⁵⁹⁰ The two-year partnership ultimately aims to advance renewable energy and low-carbon technologies.

On 12 May 2025, the BNDES provided BRL156 million in loans from the Finem program and the Climate Fund to finance the construction of 16 mini-generation solar power plants across four regions in Brazil.³⁵⁹¹ This project is expected to reduce carbon emissions by 844,000 tonnes over 30 years.

On 13 May 2025, Minister of Environment and Climate Change Marina Silva and China's National Forestry and Grassland Administration President Liu Guohon signed a Memorandum of Understanding to restore carbon sinks and vegetation in both countries.³⁵⁹² The partnership will include a focus on sustainable forest and vegetation management, restoration, protection and cultivation of forests and other natural lands, addressing land degradation, measuring carbon sinks and promoting sustainable use and alternatives. This action will support the reduction of carbon emissions through the agriculture, forestry and other land use sector.

On 28 May 2025, the BNDES approved financing worth BRL131.1 million for a "carbon dioxide purification and liquefaction" unit in Rio.³⁵⁹³ This will be Brazil's first green carbon dioxide and biomethane plant, reducing potential methane emissions and increasing renewable energy.

On 30 May 2025, the BNDES and Ministry of the Environment and Climate Change approved BRL77 million in financing through the Climate Fund for a silviculture project based in southern Bahia.³⁵⁹⁴ This project will focus on native species within the Atlantic Forest region and aims to preserve biodiversity while generating carbon credits.

³⁵⁸⁹ Alexandre Silveira inaugura unidade de produção do combustível renovável que substitui o diesel, Ministério de Minas e Energia (Brasília) 15 April 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/alexandre-silveira-inaugura-unidade-de-producao-do-combustivel-renovavel-que-substitui-o-diesel>

³⁵⁹⁰ Ministro Alexandre Silveira assina acordo com a China para impulsionar energias renováveis e tecnologias de baixo carbono, Ministério de Minas e Energia (Brasília) 12 May 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/ministro-alexandre-silveira-assina-acordo-com-a-china-para-impulsionar-energias-renovaveis-e-tecnologias-de-baixo-carbono>

³⁵⁹¹ Com R\$ 156 mi do BNDES, mais 16 usinas fotovoltaicas entram em operação no Brasil, Agência BNDES de Notícias (Brasília) 12 May 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/Com-R\\$-156-mi-do-BNDES-mais-16-usinas-fotovoltaicas-entram-em-operacao-no-Brasil/](https://agenciadenoticias.bndes.gov.br/cultura/Com-R$-156-mi-do-BNDES-mais-16-usinas-fotovoltaicas-entram-em-operacao-no-Brasil/)

³⁵⁹² Brasil e China firmam acordo de cooperação sobre restauração de vegetação e sumidouros de carbono, Ministério do Meio Ambiente e Mudança do Clima (Brasília) 13 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mma/pt-br/noticias/brasil-e-china-firmam-acordo-de-cooperacao-sobre-restauracao-de-vegetacao-e-sumidouros-de-carbono>

³⁵⁹³ BNDES aprova R\$ 131,1 mi para primeira usina de CO2 verde do país e nova planta de biometano, Agência BNDES de Notícias (Brasília) 28 May 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R\\$-1311-mi-para-primeira-usina-de-CO2-verde-do-pais-e-nova-planta-de-biometano/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R$-1311-mi-para-primeira-usina-de-CO2-verde-do-pais-e-nova-planta-de-biometano/)

³⁵⁹⁴ BNDES aprova R\$ 77 mi do Fundo Clima para projeto de silvicultura com captura de carbono na Mata Atlântica, Agência BNDES de Notícias (Brasília) 30 May 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R\\$-77-mi-do-Fundo-Clima-para-projeto-de-silvicultura-com-captura-de-carbono-na-Mata-Atlantica/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-aprova-R$-77-mi-do-Fundo-Clima-para-projeto-de-silvicultura-com-captura-de-carbono-na-Mata-Atlantica/)

On 6 June 2025, the Ministry of Mines and Energy and the French Ministry of Economy, Finance, and Industrial and Digital Sovereignty signed a Declaration of Intent focusing on low-carbon hydrogen.³⁵⁹⁵ Minister of Mines and Energy Alexandre Silveira noted that this agreement aims to strengthen green reindustrialisation and technological innovation within Brazil, supported by France.

On 25 June 2025, the CNPE approved a policy which will increase the blend of ethanol in gasoline by 3 per cent and biodiesel in diesel by 1 per cent.³⁵⁹⁶ This mandatory blend will take effect on 1 August 2025 and aims decrease Brazil's reliance on fossil fuels.

On 1 July 2025, Minister of Environment and Climate Change Marina Silva hosted meetings during the London Climate Action Week to mobilize public and private individuals and institutions to support climate action, as proposed by the countries, members of the public and financial institutions to join forces in climate action proposed by the 30th Conference of the Parties (COP30) to the United Nations Framework Convention on Climate Change.³⁵⁹⁷ Minister Silva called for European countries to commit to the COP30 goal of a 1.5 C target and to implement climate agreements.

On 10 July 2025, Minister of Energy and Mineral Resources of Indonesia Bahlil Lahadalia announced Indonesia's commitment to deepen cooperation with Brazil on bioenergy, including technology transfer, joint research, and capacity building for bioethanol and other biofuels, during Indonesian President Prabowo Subianto's visit to Brasília.³⁵⁹⁸ The partnership will develop joint pilots and standards, strengthen sustainable feedstock supply chains, and expand skills training. It seeks to cut transport emissions, reduce fuel imports and create opportunities for rural producers as Indonesia advances its clean energy transition.

On 16 July 2025, the BNDES announced the guidelines for the Joint Action to Promote the New Brazilian Industry (NIB).³⁵⁹⁹ The NIB is a federal government initiative that plans to invest BRL10 billion in projects aimed supporting the energy transition and storage, the bioeconomy, green hydrogen, a green data centre and other needs.

On 24 July 2025, BNDES approved BRL76.4 million for Biometano São Leopoldo S.A. of Grupo Solvi to build a biomethane plant in São Leopoldo, Rio Grande do Sul.³⁶⁰⁰ The project will purify landfill biogas from CRVR to produce up to 32,400 cubic meters per day of biomethane, displacing diesel and natural gas in industry and transport, and is expected to avoid more than 80,000 tonnes of carbon dioxide equivalent each year. The

³⁵⁹⁵ MME assina acordo com a França para ampliar uso de hidrogênio de baixa emissão de carbono, Ministério de Minas e Energia (Brasília) 6 June 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/mme-assina-acordo-com-a-franca-para-ampliar-uso-de-hidrogenio-de-baixa-emissao-de-carbono>

³⁵⁹⁶ Brasil avança em descarbonização ao elevar etanol na gasolina e biocombustível no diesel, Ministério do Desenvolvimento, Indústria, Comércio e Serviços (Brasília) 25 June 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.gov.br/mdic/pt-br/assuntos/noticias/2025/junho/brasil-avanca-em-descarbonizacao-ao-elevar-etanol-na-gasolina-e-biocombustivel-no-diesel>

³⁵⁹⁷ Em Londres, Marina Silva amplia mobilização para mutirão contra mudança do clima, missão central da COP30, Ministério do Meio Ambiente e Mudança do Clima (Brasília) 1 July 2025. Translation provided by Google Translate. Access Date: 2 July 2025. <https://www.gov.br/mma/pt-br/noticias/em-londres-marina-silva-amplia-mobilizacao-para-mutirao-contra-mudanca-do-clima-missao-central-da-cop30>

³⁵⁹⁸ Dampingi Lawatan Presiden Prabowo ke Brasil, Menteri ESDM Jajaki Kerja Sama Penguatan Bioenergi, Kementerian Energi dan Sumber Daya Mineral Republik Indonesia (Jakarta) 10 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://www.esdm.go.id/id/media-center/arsip-berita/dampingi-lawatan-presiden-prabowo-ke-brasil-menteri-esdm-jajaki-kerja-sama-penguatan-bioenergi>

³⁵⁹⁹ BNDES divulga chamada de R\$ 10 bi para reindustrialização do Nordeste na FIEC, Agência BNDES de Notícias (Brasília) 16 July 2025. Translation provided by Google Translate. Access Date: 24 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-divulga-chamada-de-R\\$-10-bi-para-reindustrializacao-do-Nordeste-na-FIEC/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-divulga-chamada-de-R$-10-bi-para-reindustrializacao-do-Nordeste-na-FIEC/)

³⁶⁰⁰ Com R\$ 76,4 milhões, BNDES apoia usina de biometano do Grupo Solvi no RS, Agência BNDES de Notícias (Brasília) 24 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. [https://agenciadenoticias.bndes.gov.br/industria/Com-R\\$764-milhoes-BNDES-apoia-usina-de-biometano-do-Grupo-Solvi-no-RS/](https://agenciadenoticias.bndes.gov.br/industria/Com-R$764-milhoes-BNDES-apoia-usina-de-biometano-do-Grupo-Solvi-no-RS/)

financing uses Fundo Clima and Finem resources and supports Brazil's clean energy transition and emission reduction goals.

On 25 July 2025, BNDES approved BRL199.9 million to finance the Cajuína B19 and Cajuína B20 wind parks, with 23.6 megawatts and 29.5 megawatts respectively, in the Cajuína II complex in Bodó, Rio Grande do Norte, including the associated transmission system.³⁶⁰¹ In operation since the second half of 2024 with nine turbines, the parks generate enough electricity for about 150,000 homes. The credit operation will be contracted with Ventos de São Ricardo 01 and 02, using Fundo Clima resources of BRL 159.5 million and Finem resources of BRL 40.4 million. The investment expands renewable generation, supports the energy transition, and reduces reliance on fossil fuels.

On 28 July 2025, BNDES approved BRL1 billion for Atlas Renewable Energy to build 11 photovoltaic plants in Arinos, Minas Gerais, forming the Draco Solar Complex with 505 MWac of capacity and an associated 500 kilovolts substation and 15-kilometer transmission line to the national grid.³⁶⁰² The project will supply power equivalent to about 569,000 homes, is expected to create about 2,100 direct jobs during construction and uses Finem and Fundo Clima resources in line with Brazil's National Climate Change Plan to expand clean generation and cut emissions.

On 1 August 2025, Brazil put into effect countrywide biofuel blend mandates approved by the National Energy Policy Council, raising the mandatory content of anhydrous ethanol in gasoline from 27 per cent to 30 per cent and the biodiesel share in diesel from 14 per cent to 15 per cent.³⁶⁰³ The measure advances national energy transition goals by reducing dependence on fossil fuels and supporting domestic biofuel production.

On 11 August 2025, BNDES approved BRL625 million for São Martinho S.A. to expand the Boa Vista unit in Quirinópolis, Goiás with a new corn ethanol plant.³⁶⁰⁴ The package combines BRL500 million from Fundo Clima and BRL125 million from BNDES Finem and covers 53 per cent of a total investment of 1.18 billion reais, alongside BRL102.8 million from Finep. The project will process up to 635,000 tonnes of corn per year and produce about 270,000 cubic meters of ethanol per year, with expected avoidance of about 380,000 tonnes of carbon dioxide equivalent per year, supporting Brazil's clean fuels transition.

On 14 August 2025, BNDES presented in Recife a public call offering BRL10 billion in credit to industrialize the Northeast under the Nova Indústria Brasil policy.³⁶⁰⁵ The call prioritizes projects in energy storage, bioeconomy with emphasis on pharmaceuticals, green hydrogen, green data centers, the automotive sector, and technologies for family farming, with support from partner federal banks and technical backing from Sudene

³⁶⁰¹ BNDES financia R\$ 199,9 mi para projeto de energia renovável no interior do RN, Agência BNDES de Notícias (Brasília) 25 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/BNDES-financia-R%24-1999-mi-para-projeto-de-energia-renovavel-no-interior-do-RN/>

³⁶⁰² BNDES aprova R\$ 1 bi para Atlas Renewable Energy construir 11 usinas fotovoltaicas em MG, Agência BNDES de Notícias (Brasília) 28 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/BNDES-aprova-R%24-1-bi-para-Atlas-Renewable-Energy-construir-11-usinas-fotovoltaicas-em-MG/>

³⁶⁰³ BNDES aprova R\$ 1 bi para Atlas Renewable Energy construir 11 usinas fotovoltaicas em MG, Agência BNDES de Notícias (Brasília) 28 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/BNDES-aprova-R%24-1-bi-para-Atlas-Renewable-Energy-construir-11-usinas-fotovoltaicas-em-MG/>

³⁶⁰⁴ Com R\$ 625 milhões, BNDES financia planta de etanol de milho da São Martinho em Goiás, Agência BNDES de Notícias (Brasília) 11 August 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://agenciadenoticias.bndes.gov.br/agro/Com-R%24-625-milhoes-BNDES-financia-planta-de-etanol-de-milho-da-Sao-Martinho-em-Goias/>

³⁶⁰⁵ BNDES apresenta em Pernambuco chamada de R\$ 10 bi para neointustrialização no Nordeste, Agência BNDES de Notícias (Brasília) 14 August 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://agenciadenoticias.bndes.gov.br/industria/BNDES-apresenta-em-Pernambuco-chamada-de-R%24-10-bi-para-neointustrializacao-no-Nordeste/>

and Consórcio Nordeste. The initiative aims to accelerate innovation, reindustrialization, and sustainable development that reduces emissions and strengthens regional resilience.

On 26 August 2025, the Ministry of Mines and Energy and Saudi Arabia's Ministry of Energy launched an action plan for energy cooperation to strengthen collaboration in renewable energy, low-carbon hydrogen³⁶⁰⁶□ The plan outlines initiatives in oil, gas, renewable energy, petrochemicals and sustainability and establishes technical working groups to develop projects that advance energy security and a just, inclusive transition in both countries.

On 17 September 2025, the BNDES approved BRL317.08 million from the Fundo Clima Machines Verdes line to finance the purchase of 100 battery electric buses and 50 charging units for Belo Horizonte under the Refrota program within the Novo PAC.³⁶⁰⁷ The vehicles will be new and domestically manufactured, supporting cleaner urban transport, lower operating emissions and progress toward Brazil's energy transition goals.

On 22 September 2025, the BNDES supported the delivery of 120 battery electric buses to São Paulo, advancing cleaner urban transport and helping cut operating emissions; the city estimates the rollout will avoid about 10.4 thousand tonnes of emissions annually.³⁶⁰⁸

On 22 September 2025, the Ministry of Mines and Energy announced that the Panorama Photovoltaic Complex entered operation in Ribeiro Gonçalves, Piauí, with 300 megawatts of installed capacity across three plants and 99 generating units.³⁶⁰⁹ The project, part of the Novo PAC program, connects to the national grid via the Ribeiro Gonçalves substation and holds supply contracts through 2040. By adding large scale solar capacity, the complex advances Brazil's clean energy transition and helps reduce power sector emissions.

On 23 September 2025, Brazil and the State of California signed a memorandum of understanding to deepen climate cooperation on carbon markets, low emission transport, clean energy, nature-based solutions, climate resilience, circular economy, air quality and protection of cultural heritage.³⁶¹⁰ The five-year partnership will be implemented through dialogues, technical exchanges, joint workshops and sharing of regulatory best practices, with an action plan to be developed by the Ministry of the Environment and Climate Change and California Environmental Protection Agency.

On 6 October 2025, the Ministry of Mines and Energy announced that the Dunamis Photovoltaic Complex entered operation on 24 September, 2025 in Santana do Matos, Rio Grande do Norte, totalling 117.54

³⁶⁰⁶ Brasil e Arábia Saudita dão início a plano de ação para cooperação energética, Ministério de Minas e Energia (Brasília) 26 August 2025. Translation provided by Google Translate. Access Date: 22 October 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/brasil-e-arabia-saudita-dao-inicio-a-plano-de-acao-para-cooperacao-energetica>

³⁶⁰⁷ Financiamento do BNDES viabiliza aquisição de 100 ônibus elétricos para Belo Horizonte, Agência BNDES de Notícias (Brasília) 17 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/Financiamento-do-BNDES-viabiliza-aquisicao-de-100-onibus-eletricos-para-Belo-Horizonte/>

³⁶⁰⁸ Adquiridos com apoio do BNDES, 120 ônibus elétricos são entregues à população de São Paulo, Agência BNDES de Notícias (Brasília) 22 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/Adquiridos-com-apoio-do-BNDES-120-onibus-eletricos-sao-entregues-a-populacao-de-Sao-Paulo/>

³⁶⁰⁹ Complexo Fotovoltaico Panorama entra em operação no Piauí com 300 MW de capacidade instalada, Ministério de Minas e Energia (Brasília) 22 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/complexo-fotovoltaico-panorama-entra-em-operacao-no-piaui-com-300-mw-de-capacidade-instalada>

³⁶¹⁰ Brasil e Califórnia assinam acordo para fortalecer enfrentamento à mudança do clima e proteção ambiental, Ministério do Meio Ambiente e Mudança do Clima (Brasília) 23 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://www.gov.br/mma/pt-br/noticias/brasil-e-california-assinam-acordo-para-fortalecer-enfrentamento-a-mudanca-do-clima-e-protecao-ambiental>

megawatts across four plants with 36 generating units and an estimated investment of BRL569 million.³⁶¹¹ By adding new solar capacity to the grid, the project advances the country's clean energy transition and helps cut power sector emissions.

On 6 October 2025, the Ministry of Mines and Energy reported a preparatory meeting of the Brazil Spain Investment Working Group at the Spanish Embassy in Brasília to strengthen cooperation and mobilize new investment in the electric sector.³⁶¹² The dialogue highlighted opportunities in generation and energy storage, innovation, and industrial supply chains, with policy signals to encourage projects such as batteries and hydropower storage that enhance grid flexibility and security of supply. The initiative aims to convert bilateral discussions into concrete projects that modernize Brazil's power system and support the clean energy transition.

On 22 October 2025, the Brazilian Industrial Research and Innovation Company, under the Ministry of Science, Technology and Innovation, announced the launch of the Center of Competence to boost clean hydrogen production.³⁶¹³ The launch of the research center aims to advance the low-carbon sector by promoting cleaner production and greater use of renewable energy in a safe and efficient manner. Brazil invested BRL60 million into the center through the the National Fund for Scientific and Technological Development.

On 22 October 2025, the BNDES approved BRL120 million in credit limit to support investments which will be made by ION Energia.³⁶¹⁴ This funding, which focus on battery energy storage systems and renewable energy generation, will be directed towards purchasing machinery and equipment that reduces emissions and enhance climate adaptation.

On 3 November 2025, the Ministry of Mines and Energy held the first National Energy Transition Forum meeting.³⁶¹⁵ The forum aims to foster cross-sector dialogue and advance diversity, innovation and sustainability in shaping Brazil's energy future. Additionally, it also aims to be a democratic and permanent platform for collaboration between the Brazilian government, productive sector and civil society.

Brazil has fully complied with its commitment to has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Brazil has taken strong action to support the deep reduction of carbon emissions for the energy, industry, transport, buildings and agriculture, forestry and other land use sectors through legislation to decrease carbon emissions, funding for renewable energy transitions in government buildings, a partnership with China for carbon sinks, investments for solar, wind, biofuel and hydroelectric power, a focus on industrial decarbonization and other initiatives. It has also supported the reduction of methane emissions through the BNDES' investment for a

³⁶¹¹ Geração de energia renovável avança com a entrada em operação do Complexo Fotovoltaico Dunamis no RN, Ministério de Minas e Energia (Brasília) 6 October 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/geracao-de-energia-renovavel-avanca-com-a-entrada-em-operacao-do-complexo-fotovoltaico-dunamis-no-rn>

³⁶¹² Cooperação Brasil Espanha fortalece investimentos no setor elétrico, Ministério de Minas e Energia (Brasília) 6 October 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/cooperacao-brasil-espanha-fortalece-investimentos-no-setor-eletrico>

³⁶¹³ Brasil investe R\$ 60 milhões em centro para impulsionar produção de hidrogênio limpo, Ministério da Ciência, Tecnologia e Inovação (Brasília) 22 October 2025. Translation provided by Google Translate. Access Date: 9 November 2025. <https://www.gov.br/mcti/pt-br/acompanhe-o-mcti/noticias/2025/10/brasil-investe-r-60-milhoes-em-centro-para-impulsionar-producao-de-hidrogenio-limpo>

³⁶¹⁴ BNDES aprova R\$ 120 milhões para empresa de produtos para energia sustentável, Agência BNDES de Notícias (Brasília) 22 October 2025. Translation provided by Google Translate. Access Date: 9 November 2025. <https://agenciadenoticias.bndes.gov.br/infraestrutura/BNDES-aprova-R-120-milhoes-para-empresa-de-produtos-para-energia-sustentavel/>

³⁶¹⁵ MME realiza 1ª Reunião do Fórum Nacional de Transição Energética com foco em sustentabilidade e inclusão, Ministério de Minas e Energia (Brasília) 3 November 2025. Translation provided by Google Translate. Access Date: 9 November 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/mme-realiza-1a-reuniao-do-forum-nacional-de-transicao-energetica-com-foco-em-sustentabilidade-e-inclusao>

green carbon dioxide, corn ethanol, photovoltaic and biomethane plants, credits for energy storage and emissions reductions projects across multiple sectors and funding for wind parks.

Thus, Brazil receives a score of +1.

Analyst: Purvaai Bhatnagar

Canada: +1

Canada has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 28 November 2024, Minister of Energy and Natural Resources Jonathan Wilkinson announced CAD7.5 million in funding for five clean energy technology projects that aim to support the energy transition in British Columbia's industrial sector.³⁶¹⁶ This includes CAD2.5 million for British Columbia Biocarbon Ltd., CAD1.8 million for Arca Climate Technologies Inc. and CAD1.5 million for the University of British Columbia.

On 3 December 2024, Minister Wilkinson and Member of Parliament for Calgary Skyview George Chahal announced over CAD2,600,000 in funding for seven projects in the Prairies under Natural Resources Canada's Climate Change Adaptation Program (CCAP).³⁶¹⁷ These projects will support small, rural and Indigenous communities by providing training, tools and resources to help them adapt to climate change. The funding is part of a CAD39,500,000 investment through the CCAP and Climate-Resilient Coastal Communities program which aims to reduce climate risks and strengthen community resilience under Canada's National Adaptation Strategy.

On 5 December 2024, Canada announced CAD256.7 million for eight projects to advance renewable energy and emissions reductions in Saskatchewan.³⁶¹⁸ This includes CAD42 million for Indigenous-led clean energy projects, over CAD12.4 million for solar projects and CAD56.89 million for SaskPower's battery energy-storage system at the Fleet Street station.

On 12 December 2024, Environment and Climate Change Canada set a 2035 greenhouse gas emissions reduction target of 45 to 50 per cent below 2005 levels.³⁶¹⁹ This target reaffirms Canada's dedication to addressing the global climate crisis and sets the direction for the next decade of climate action.

On 13 December 2024, Member of Parliament George Chahal announced CAD215 million in funding for nine Albertan clean energy projects including a focus on solar, wind and grid infrastructure upgrades.³⁶²⁰ These projects will support reliable, affordable and responsible supply chains for energy transitions, increasing the clean energy capacity with for an additional 170,000 homes.

³⁶¹⁶ Government of Canada Takes Strides to Advance Decarbonization of Heavy-Emitting Industries in British Columbia, Natural Resources Canada (Squamish) 28 November 2024. Access Date: 4 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2024/11/government-of-canada-takes-strides-to-advance-decarbonization-of-heavy-emitting-industries-in-british-columbia0.html>

³⁶¹⁷ Canada Invests in Climate Change Adaptation to Keep Communities Safe in the Prairies and Across Canada, Natural Resources Canada (Ottawa) 11 December 2024. Access Date: 2 April 2025. <https://www.canada.ca/en/natural-resources-canada/news/2024/12/canada-invests-in-climate-change-adaptation-to-keep-communities-safe-in-the-prairies-and-across-canada0.html>

³⁶¹⁸ The Government of Canada announces over \$256.7 million in funding for clean electricity projects in Saskatchewan, Environment and Climate Change Canada (Ottawa) 5 December 2024. Access Date: 29 June 2025. <https://www.canada.ca/en/environment-climate-change/news/2024/12/the-government-of-canada-announces-over-2567-million-in-funding-for-clean-electricity-projects-in-saskatchewan.html>

³⁶¹⁹ Canada's 2035 Target for Greenhouse Gas Emissions Reduction, Environment and Climate Change Canada (Ottawa) 12 December 2024. Access Date: 2 April 2025. <https://www.canada.ca/en/environment-climate-change/news/2024/12/canadas-2035-target.html>

³⁶²⁰ Powering Canada's Future: More Renewable, Affordable and Reliable Power for Albertans, Natural Resources Canada (Calgary) 13 December 2024. Access Date: 4 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2024/12/powering-canadas-future-more-renewable-affordable-and-reliable-power-for-albertans.html>

On 20 December 2024, Minister Wilkinson announced an investment of up to CAD20 million for Foran Mining Corporation to build a hydro transmission line.³⁶²¹ This will support the electrification of the McIlvenna Bay mine as part of Canada's efforts to support a responsible supply chain for energy transitions.

On 30 December 2024, Canada published its Biennial Transparency Report under the Paris Agreement, reaffirming Canada's dedication to international climate commitments by setting its 2025 emissions reduction target.³⁶²² The report highlights that Canada has reduced emissions below 2005 levels and decreased its economy's carbon intensity by 31 per cent through energy efficiency improvements, electricity grid carbonization and economic transitions.

On 7 January 2025, Member of Parliament Marcus Powlowski announced over CAD11 million to strengthen Canada's clean and alternative energy sectors.³⁶²³ This funding will be divided between eight projects to support reliable and sustainable supply chains for the energy transition.

On 28 January 2025, Minister of Innovation, Science and Industry François-Philippe Champagne announced CAD169.4 million in funding for the Linamar Corporation.³⁶²⁴ This funding will go towards the development of green technologies for automobiles including electric vehicle parts manufacturing. This initiative aims to reduce greenhouse gas emissions and accelerate the net zero transition.

On 28 January 2025, Minister of Agriculture and Agri-Food Lawrence MacAulay announced the expansion of the On-Farm Climate Action Fund to provide an additional CAD300 million to 13 recipients over the next three years.³⁶²⁵ This funding will go towards nitrogen management, methane-reduction practices and other climate resilience strategies.

On 28 February 2025, Minister MacAulay announced over CAD116 million for 119 projects under the Agricultural Clean Technology Program.³⁶²⁶ These projects will support the reduction of greenhouse gas emissions with a focus on clean energy, precision agriculture and bioeconomy solutions.

On 5 February 2025, Minister of Transport and Internal Trade Anita Anand announced up to CAD25 million in funding for the Halifax Port Authority.³⁶²⁷ This financing will go towards the development of a hydrogen production facility, "electrifying port equipment to reduce emissions" and other clean port initiatives.

³⁶²¹ Canada Invests in Infrastructure Upgrades to Support Critical Minerals Development in Saskatchewan, Natural Resources Canada (Saskatoon) 20 December 2024. Access Date: 4 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2024/12/canada-invests-in-infrastructure-upgrades-to-support-critical-minerals-development-in-saskatchewan.html>

³⁶²² First Biennial Transparency Report under the Paris Agreement, Environment and Climate Change Canada (Ottawa) 6 December 2024. Access Date: 2 April 2025. <https://www.canada.ca/en/environment-climate-change/services/climate-change/greenhouse-gas-emissions/first-biennial-transparency-report-paris-agreement-2024-executive-summary.html#toc1>

³⁶²³ Federal Government Invests in Made-in-Canada Technologies to Advance Clean Fuels Sector, Natural Resources Canada (Fort Frances) 7 January 2025. Access Date: 4 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/01/federal-government-invests-in-made-in-canada-technologies-to-advance-clean-fuels-sector0.html>

³⁶²⁴ Government of Canada further strengthening the electric vehicle manufacturing sector, Innovation, Science and Economic Development Canada (Guelph) 28 January 2025. <https://www.canada.ca/en/innovation-science-economic-development/news/2025/01/government-of-canada-further-strengthening-the-electric-vehicle-manufacturing-sector.html> Access Date: 29 June 2025.

³⁶²⁵ Minister MacAulay announces funding to help farmers lower emissions and build resilience, Agriculture and Agri-Food Canada (Ottawa) 28 January 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/agriculture-agri-food/news/2025/01/minister-macaulay-announces-funding-to-help-farmers-lower-emissions-and-build-resilience.html>

³⁶²⁶ Minister MacAulay announces over \$116 million to help farmers adopt clean technologies, Agriculture and Agri-Food Canada (Spring Valley) 28 February 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/agriculture-agri-food/news/2025/02/minister-macaulay-announces-over-116-million-to-help-farmers-adopt-clean-technologies.html>

³⁶²⁷ The Government of Canada invests in port infrastructure for Atlantic Canada, Transport Canada (Halifax) 5 February 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/transport-canada/news/2025/02/the-government-of-canada-invests-in-port-infrastructure-for-atlantic-canada.html>

On 12 February 2025, Parliamentary Secretary to the Minister of Energy and Natural Resources Marc Serré announced CAD14.2 million for carbon capture and storage.³⁶²⁸ This will help advance the commitment objective of reducing carbon emissions.

On 12 February 2025, Parliamentary Secretary Serré announced over CAD14 million in funding for six carbon management projects.³⁶²⁹ These include a focus on carbon capture and storage technologies and large-scale carbon sequestration.

On 13 February 2025, Minister Wilkinson announced that Canada has joined the Global Offshore Wind Alliance in addition to the Governments of Nova Scotia and Newfoundland and Labrador.³⁶³⁰ This action demonstrates Canada's commitment towards offshore wind energy generation as part of the energy transition.

On 24 February 2025, Canada announced CAD500,000 in funding for Phase Two of the Global Initiative for Transitioning Remote Communities to Renewable Energy.³⁶³¹ In partnership with the International Renewable Energy Agency, phase two will focus on helping remote communities develop ways to transition towards reliable, sustainable and affordable clean energy.

On 5 March 2025, Minister Wilkinson announced several investments for nuclear energy as part of Canada's commitment towards the clean energy transition and facilitating a low-carbon economy.³⁶³² This includes a CAD304 million agreement with AtkinsRéalis to develop a "natural uranium-fuelled Canadian deuterium uranium" (CANDU) nuclear reactor, CAD55 million for Ontario Power Generation's Darlington New Nuclear Project which aims to develop three new small modular reactors (SMRs) that produce no greenhouse gases during use and CAD52.4 million for other SMR and CANDU reactor projects that advance decarbonization in Saskatchewan, Alberta and Ontario.

On 6 March 2025, Member of Parliament Yasir Naqvi announced CAD1.6 million in funding for Carleton University, on behalf of Minister Guilbeault.³⁶³³ This will support the reduction of 2,900 tonnes of carbon emissions by 2030 by funding the replacement of the university heating system's natural gas steam boiler with an electric boiler.

On 13 March 2025, Minister of Environment and Climate Change Steven Guilbeault, Parliamentary Secretary Serré and Member of Parliament for Sudbury Viviane Lapointe announced up to CAD1.48 million in funding

³⁶²⁸ Canada Invests in Cutting-Edge Carbon Capture and Storage to Drive Clean Energy Innovation, Natural Resources Canada (Toronto) 12 February 2025. Access Date: 15 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/02/canada-invests-in-cutting-edge-carbon-capture-and-storage-to-drive-clean-energy-innovation0.html>

³⁶²⁹ Canada Invests in Cutting-Edge Carbon Capture and Storage to Drive Clean Energy Innovation, Natural Resources Canada (Ottawa) 12 February 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/02/canada-invests-in-cutting-edge-carbon-capture-and-storage-to-drive-clean-energy-innovation.html>

³⁶³⁰ Government of Canada Joins Global Efforts to Accelerate the Deployment of Offshore Wind and Help Power Canada's Economy, Natural Resources Canada (Halifax) 13 February 2025. Access Date: 23 June 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/02/government-of-canada-joins-global-efforts-to-accelerate-the-deployment-of-offshore-wind-and-help-power-canadas-economy.html>

³⁶³¹ Canada Invests in Phase 2 of the Global Initiative on Transitioning Remote Communities to Renewable Energy, Natural Resources Canada (Ottawa) 24 February 2025. Access Date: 23 June 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/02/canada-invests-in-phase-2-of-the-global-initiative-on-transitioning-remote-communities-to-renewable-energy.html>

³⁶³² Canada Invests in the Next Generation of Canadian-Made, Clean, Affordable Nuclear Energy, Natural Resources Canada (Cambridge) 5 March 2025. Access Date: 23 June 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/03/canada-invests-in-the-next-generation-of-canadian-made-clean-affordable-nuclear-energy0.html>

³⁶³³ Federal support helps deliver innovative clean energy upgrades at Carleton University, Environment and Climate Change Canada (Ottawa) 6 March 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/03/federal-support-helps-deliver-innovative-clean-energy-upgrades-at-carleton-university.html>

for IAMGOLD Corporation.³⁶³⁴ This financing will support the company to reduce approximately 7,500 tonnes of carbon dioxide emissions by 2030 at its Sudbury Côté Gold mine.

On 18 March 2025, Natural Resources Canada announced CAD11 million to support clean energy projects in Indigenous communities.³⁶³⁵ This supports Canada's commitment to use responsible energy transition technologies.

On 21 March 2025, Environment and Climate Change Canada announced approximately CAD150 million in funding for 38 decarbonization projects.³⁶³⁶ The projects will focus on developing green technologies and energy across various sectors. Recipients include the McCain Foods manufacturing line in Manitoba, Koch Fertilizer Canada which aims to reduce methane emissions by replacing its ammonia converter and York University which will receive CAD798,000 to upgrade energy efficiency in 12 buildings on its Keele campus.

On 11 June 2025, Natural Resources Canada announced CAD4.9 million in additional funding for the Anahim Lake Solar Project, bringing Canada's total contribution to about CAD17 million.³⁶³⁷ The project is expected to reduce the Ulkatcho First Nation's reliance on diesel power by approximately 64 per cent annually, thereby supporting emissions reductions.

On 17 June 2025, Housing, Infrastructure and Communities Canada announced CAD28.6 million in joint investments from the federal government, the Government of Yukon and the First Kaska Utilities LP will be allocated to the Sâde Solar Initiative project.³⁶³⁸ This project will develop a 2.85 megawatts solar power facility paired and a battery energy storage system, supporting increased renewable energy use and decreased diesel reliance in Watson Lake.

On 2 July 2025, Minister of Environment and Climate Julie Dabrusin announced CAD13.3 million in funding through the Low Carbon Economy Fund for five projects in the Northwest Territories and Alberta.³⁶³⁹ Minister Dabrusin stated that these projects are essential to reducing greenhouse gas emissions, generating clean growth and building a clean Canadian economy.

³⁶³⁴ Government of Canada funds IAMGOLD Corporation to electrify mining operations and reduce emissions in Ontario, Environment and Climate Change Canada (Ottawa) 13 March 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/03/government-of-canada-funds-iamgold-corporation-to-electrify-mining-operations-and-reduce-emissions-in-ontario.html>

³⁶³⁵ Government of Canada Announces Funding for Clean and Reliable Energy in First Nations and Inuit Communities, Natural Resources Canada (Thunder Bay) 18 March 2025. Access Date: 15 May 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/03/government-of-canada-announces-funding-for-clean-and-reliable-energy-in-first-nations-and-inuit-communities0.html>

³⁶³⁶ Canada's industrial carbon pricing system delivers nearly \$150 million in new support for dozens of innovative Canadian clean technology projects across provinces, originating from pollution proceeds, Environment and Climate Change Canada (Ottawa) 21 March 2025. Access Date: 29 June 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/03/canadas-industrial-carbon-pricing-system-delivers-nearly-150-million-in-new-support-for-dozens-of-innovative-canadian-clean-technology-projects-acr.html>

³⁶³⁷ Government of Canada Invests in Landmark Solar Project in Anahim Lake, Natural Resources Canada (Anahim Lake) 11 June 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/06/government-of-canada-invests-in-landmark-solar-project-in-anahim-lake.html>

³⁶³⁸ The federal government invests in Indigenous-led solar initiative in Watson Lake, Housing, Infrastructure and Communities Canada (Watson Lake) 17 June 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/housing-infrastructure-communities/news/2025/06/the-federal-government-invests-in-indigenous-led-solar-initiative-in-watson-lake.html>

³⁶³⁹ The Government of Canada funds energy projects in Alberta and the Northwest Territories to build a strong, sustainable economy, Environment and Climate Change Canada (Yellowknife) 2 July 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/07/the-government-of-canada-funds-energy-projects-in-alberta-and-the-northwest-territories-to-build-a-strong-sustainable-economy.html>

On 4 July 2025, Minister of Energy and Natural Resources Tim Hodgson announced CAD21.5 million in funding for Canadian carbon capture and storage facilities.³⁶⁴⁰ This financing will support the modernization of the energy industry.

On 8 July 2025, Minister Dabrusin announced CAD40 million in funding through the Low Carbon Economy Indigenous Leadership Fund for “13 Indigenous-owned and -led clean energy projects across Canada.”³⁶⁴¹ This action will support renewable energy projects including the installation of solar panels, electric vehicle charging stations and electric heat pumps, decreasing carbon emissions in various sectors.

On 11 July 2025, Minister Hodgson announced approximately CAD16 million in funding for energy projects supporting affordable, reliable and clean energy in the Maritime provinces.³⁶⁴² This includes the advancement of carbon capture and clean technologies, the delivery of affordable energy and expanding renewable energy capabilities.

On 29 July 2025, FinDev Canada committed USD75 million to the Vietnam Prosperity Joint Stock Commercial Bank as part of a USD350 million loan facility coordinated by Sumitomo Mitsui Banking Corporation, with participation from British International Investment, Export Finance Australia and the Japan International Cooperation Agency.³⁶⁴³ The funds will expand climate finance for Vietnam’s green transition, including renewable energy, clean transport, and energy efficiency projects that support the country’s net-zero pathway.

On 30 July 2025, Minister Hodgson announced more than CAD21 million in funding through the Natural Resources Canada’s Energy Innovation Program On-road Transportation Decarbonization call for proposals for nine research, development and demonstration projects to reduce greenhouse gas emissions in the transportation sector.³⁶⁴⁴ These projects will improve system efficiency, support the adoption of zero-emissions vehicles and address barriers for medium-to heavy-duty, low or zero-emissions vehicles. Minister Solomon also announced CAD4.97 million for the City of Toronto to convert 60 waste-collection vehicles to hybrid electric-compressed natural gas systems, cutting emissions, fuel consumption and operational noise.

On 6 August 2025, the Governments of Canada, Ontario and the City of North Bay announced a joint investment of CAD9.5 million in public transit infrastructure under the Public Transit Infrastructure Stream of the Investing in Canada Infrastructure Program.³⁶⁴⁵ This includes the replacement of eight conventional transit buses with hybrid buses, which aims to reduce greenhouse gas emissions.

³⁶⁴⁰ Canada Invests in Carbon Capture and Storage in Alberta, Natural Resources Canada (Calgary) 4 July 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/07/canada-invests-in-carbon-capture-and-storage-in-alberta.html>

³⁶⁴¹ The Government of Canada is supporting 13 Indigenous-led clean energy projects through the Low Carbon Economy Fund’s Indigenous Leadership Fund, Environment and Climate Change Canada (Gatineau) 8 July 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/07/the-government-of-canada-is-supporting-13-indigenous-led-clean-energy-projects-through-the-low-carbon-economy-funds-indigenous-leadership-fund.html>

³⁶⁴² Government of Canada Invests in Renewable Energy, Carbon Capture and Grid Modernization in the Maritimes, Environment and Climate Change Canada (Charlottetown) 11 July 2025. Access Date: 23 July 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/07/government-of-canada-invests-in-renewable-energy-carbon-capture-and-grid-modernization-in-the-maritimes.html>

³⁶⁴³ FinDev Canada, SMBC, BII, EFA, and JICA commit USD 350 million to VPBank to advance sustainable development in Vietnam, FinDev Canada (Ottawa) 29 July 2025. Access Date: 5 October 2025. <https://www.findevcanada.ca/en/news/findev-canada-smbc-bii-efa-and-jica-commit-usd-350-million-vpbank-advance-sustainable>

³⁶⁴⁴ Canada Drives Innovative Technology to Reduce Emissions from Commercial Transportation Fleets, Natural Resources Canada (Toronto) 30 July 2025. Access Date: 21 August 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/07/canada-drives-innovative-technology-to-reduce-emissions-from-commercial-transportation-fleets.html>

³⁶⁴⁵ Background: Canada and Ontario invest in public transit infrastructure for North Bay residents, Housing, Infrastructure and Communities Canada (Toronto) 6 August 2025. Access Date: 21 August 2025. <https://www.canada.ca/en/housing-infrastructure-communities/news/2025/08/background-canada-and-ontario-invest-in-public-transit-infrastructure-for-north-bay-residents.html>

On 8 August 2025, Minister Hodgson announced a CAD2.5 million investment through the Energy Innovation Program to aid Ottawa-based TerraFixing in developing carbon management technology.³⁶⁴⁶ The project aims to improve direct air capture systems for cold climates by scaling up CO₂ capture beds to trap carbon more efficiently. Through this project, Canada seeks to strengthen its position as a clean energy superpower while reducing greenhouse gas emissions and supporting economic growth.

On 13 August 2025, Parliamentary Secretary to the Minister of Energy and Natural Resources Claude Guay announced more than CAD25 million for 33 projects to expand electric vehicle charging, decarbonize freight transportation and develop clean technologies for medium and heavy-duty trucks.³⁶⁴⁷ Through the Zero Emission Vehicle Infrastructure Program, recipients will install hundreds of Level 2 and fast chargers across Canada. Under the Energy Innovation Program, firms will advance batteries and charging solutions for heavy-duty vehicles. The Green Freight Program will support companies in acquiring natural gas-powered trucks to reduce emissions and fuel costs.

On 22 August 2025, the Ministry of Environment and Climate Change and the Federation of Canadian Municipalities announced CAD5.2 million for 70 municipal projects through the Green Municipal Fund's Local Leadership for Climate Adaptation initiative.³⁶⁴⁸ The projects will help municipalities develop climate adaptation plans, climate-focused asset management strategies and community-wide climate risk assessments.

On 26 August 2025, Environment and Climate Change Canada committed CAD2.5 million from the Low Carbon Economy Fund to Metro Vancouver's Waste to Energy District project in Burnaby, which will capture steam from the existing facility to provide clean heating and hot water for up to 50,000 homes and is expected to cut up to 70,000 tonnes of greenhouse gases per year.³⁶⁴⁹

On 26 August 2025, Natural Resources Canada committed over CAD33 million through the Smart Renewables and Electrification Pathways Program to the Indigenous owned Wicehtowak Solar Project near Regina, Saskatchewan.³⁶⁵⁰ The 32-megawatt solar farm, developed by George Gordon First Nation through Wicehtowak Solar Ltd., will help reduce power sector emissions and advance Indigenous-led clean energy.

On 27 August 2025, Natural Resources Canada committed nearly CAD22.7 million for eight projects to expand electric vehicle charging in British Columbia, funding more than 480 chargers along highways, in public places, at workplaces, and in multi-unit residential buildings to accelerate zero-emission vehicle uptake.³⁶⁵¹

On 8 September 2025, Natural Resources Canada committed CAD5.8 million to innovative carbon capture and storage projects in British Columbia, including CAD1.3 million for Svante to expand testing facilities, CAD2 million for Anodyne Chemistries to scale industrial carbon dioxide-to-chemicals processes and CAD2.4

³⁶⁴⁶ Canada Invests in Carbon Capture and Storage in Ottawa, Natural Resources Canada (Ottawa) 8 August 2025. Access Date: 21 August 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/08/canada-invests-in-carbon-capture-and-storage-in-ottawa.html>

³⁶⁴⁷ Backgrounder: Canada Accelerates Transition to Zero-emissions Vehicles, Natural Resources Canada (Ottawa) 13 August 2025. Access Date: 21 August 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/08/backgrounder-canada-accelerates-transition-to-zero-emissions-vehicles.html>

³⁶⁴⁸ The Government of Canada invests around CAD 5.2 million in 70 municipalities to support climate resilience, Government of Canada (Ottawa) 22 August 2025. Access Date: 18 October 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/08/the-government-of-canada-invests-around-52-million-in-70-municipalities-to-support-climate-resilience.html>

³⁶⁴⁹ Government of Canada invests in climate action at Metro Vancouver's Waste to Energy District, Environment and Climate Change Canada (Burnaby) 26 August 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/08/government-of-canada-invests-in-climate-action-at-metro-vancouvers-waste-to-energy-district.html>

³⁶⁵⁰ Government of Canada Invests \$33 Million in Indigenous Owned Solar Project in Saskatchewan, Natural Resources Canada (Bethune) 26 August 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/08/government-of-canada-invests-33-million-in-indigenous-owned-solar-project-in-saskatchewan.html>

³⁶⁵¹ Canada Expands Electric Vehicle Infrastructure in British Columbia, Natural Resources Canada (Victoria) 27 August 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/08/canada-expands-electric-vehicle-infrastructure-in-british-columbia.html>

million for Agora Energy Technologies to advance carbon capture and use using impure flue gas.³⁶⁵² The funding, delivered through the Energy Innovation Program, aims to cut industrial emissions and accelerate commercialization of Canadian carbon management technologies.

On 11 September 2025, Natural Resources Canada committed CAD3.2 million through the Toward Net Zero Homes and Communities Program to five clean energy projects across Western and Northern Canada that will train trades workers and Indigenous participants to build affordable energy-efficient homes, improve residential efficiency, and support Inuit communities working to transition away from fossil fuels.³⁶⁵³

On 12 September 2025, Natural Resources Canada launched the Canada Greener Homes Affordability Program and signed the first agreement with Manitoba, providing nearly CAD30 million to Efficiency Manitoba to deliver no-cost home retrofits for low to median-income households, including insulation, air sealing, heat pumps, solar panels and high-efficiency windows and doors.³⁶⁵⁴

On 3 October 2025, Natural Resources Canada committed nearly CAD17 million to major Indigenous clean energy projects in Quebec, including CAD14.9 million for the 7.5 megawatt Innavik Remote Hydro Project in Inukjuak and over CAD1.7 million to explore a 17-megawatt hydro plant at the Matawin dam near Saint Michel des Saints.³⁶⁵⁵ The investments will reduce diesel reliance, cut emissions and advance Indigenous energy sovereignty.

On 3 October 2025, Natural Resources Canada committed over CAD5 million through the Zero Emission Vehicle Infrastructure Program to install 157 new electric vehicles chargers across Atlantic Canada, including workplaces, on-street parking, multi-unit residential buildings and two Indigenous-led sites serving a highway retail hub and Halifax International Airport.³⁶⁵⁶ The investment expands charging access in Nova Scotia, New Brunswick, Newfoundland and Labrador, and Prince Edward Island to accelerate zero-emission vehicle adoption and cut transport emissions.

On 8 October 2025, Housing, Infrastructure and Communities Canada committed CAD141,712 through the Zero Emission Transit Fund, alongside CAD35,428 from Fredericton, for a CAD177,140 planning project with CUTRIC to develop a comprehensive strategy to transition Fredericton's public transit fleet to zero-emission vehicles.³⁶⁵⁷ The work will assess technologies, costs, benefits and implementation pathways to cut transport emissions and advance cleaner transit.

On 17 October 2025, Minister of Environment and Climate Change Julie Dabrusin and Manitoba's Minister of Environment and Climate Change Mike Moyes announced up to CAD32 million in joint federal and

³⁶⁵² Canada Invests in Innovative Carbon Capture and Storage Projects in British Columbia, Natural Resources Canada (Burnaby) 8 September 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/09/canada-invests-in-innovative-carbon-capture-and-storage-projects-in-british-columbia.html> Government of Canada

³⁶⁵³ Canada and Manitoba continue to support renewable energy initiatives in the province, Government of Canada (Ottawa) 17 October 2025. Access Date: 18 October 2025. <https://www.canada.ca/en/environment-climate-change/news/2025/10/canada-and-manitoba-continue-to-support-renewable-energy-initiatives-in-the-province.html>

³⁶⁵⁴ Canada Launches Greener Homes Affordability Program to Cut Energy Bills and Emissions, Natural Resources Canada (Winnipeg) 12 September 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/09/canada-launches-greener-homes-affordability-program-to-cut-energy-bills-and-emissions.html>

³⁶⁵⁵ Government of Canada contributes to major clean energy projects in Indigenous communities in Quebec, Natural Resources Canada (Ottawa) 3 October 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/10/government-of-canada-contributes-to-major-clean-energy-projects-in-indigenous-communities-in-quebec.html>

³⁶⁵⁶ Canada installs 157 new electric vehicle chargers for Atlantic Canadians, Natural Resources Canada (Halifax) 3 October 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/10/canada-installs-157-new-electric-vehicle-chargers-for-atlantic-canadians0.html>

³⁶⁵⁷ Government of Canada and CUTRIC help Fredericton plan their transition to a zero emission vehicle fleet, Housing, Infrastructure and Communities Canada (Fredericton) 8 October 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/housing-infrastructure-communities/news/2025/10/government-of-canada-and-cutric-help-fredericton-plan-their-transition-to-a-zero-emission-vehicle-fleet.html>

provincial funding to lower energy costs for Manitobans and cut greenhouse gas emissions.³⁶⁵⁸ Through the new Manitoba Climate and Economy Solutions Program, Canada and Manitoba will invest CAD23 million to support projects that advance the province's low-carbon transition and net-zero goals. The program, supported by the Low Carbon Economy Fund and an additional CAD4.5 million from the provincial government, will finance stationary equipment retrofits for fuel switching, energy efficiency upgrades, vehicle retrofits and renewable energy and fuel production.

On 17 October 2025, Secretary of State Buckley Belanger, on behalf of Minister Hodgson, announced that over CAD1.9 million in federal funding will be dedicated towards a “state-of-the-art smart microgrid” to serve the communities of La Plonge and Poplar House District in northern Saskatchewan.³⁶⁵⁹ This project, led by Aurora Renewables, will combine solar power and battery storage to enhance energy resilience, strengthen grid stability, and boost renewable energy generation in these communities.

On 29 October 2025, Canada co-hosted the second annual Energy Innovation Forum alongside the International Energy Agency to discuss innovative energy technologies and enhance their impact on global energy systems and security.³⁶⁶⁰ Minister Hodgson announced that over CAD11 million has been dedicated towards “cutting-edge, made-in-Canada carbon utilization and storage technologies”. These projects aim to enhance the safety and efficiency of subsurface carbon storage while advancing innovation in carbon utilization.

Canada has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Canada has taken strong action to reduce greenhouse gas emissions including carbon and methane across the energy, transport, buildings, industry and agriculture sectors through funding for decarbonization projects through Environment and Climate Change Canada, financing for the Côté Gold mine, funding for Carleton University and York University, investments in methane reduction projects and support for the Halifax Port and electric vehicles. Additionally, it has allocated funding for the research, development and expansion of greenhouse gas emissions reductions in the transportation sector and invested in carbon management technology.

Thus, Canada receives a score of +1.

Analyst: Xinze Guan

China: +1

China has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 29 November 2024, China's Sinoma EC International Investment and Uzbekistan's Ministry of Investment, Industry and Trade signed an investment agreement for a solar power plant in Uzbekistan.³⁶⁶¹ The agreement also includes the construction of an energy storage plant.

On 23 January 2025, the China Energy Investment Corporation's subsidiary Guohua Energy Investment deployed “hydrogen-powered passenger vehicles” in the energy golden triangle, Beijing-Tianjin-Hebei region

³⁶⁵⁸ Supporting Workers and Building Clean Energy, Natural Resources Canada (Edmonton) 11 September 2025. Access Date: 27 October 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/09/supporting-workers-and-building-clean-energy0.html>

³⁶⁵⁹ Government of Canada supports Indigenous-led smart microgrid project in northern Saskatchewan, Natural Resources Canada (La Plonge) 17 October 2025. Access Date: 9 November 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/10/government-of-canada-supports-indigenous-led-smart-microgrid-project-in-northern-saskatchewan.html>

³⁶⁶⁰ Canada advances energy innovation with major investments in carbon technologies and AI solutions, Natural Resources Canada (Toronto) 29 October 2025. Access Date: 9 November 2025. <https://www.canada.ca/en/natural-resources-canada/news/2025/10/canada-advances-energy-innovation-with-major-investments-in-carbon-technologies-and-ai-solutions0.html>

³⁶⁶¹ Sinoma EC International will build a solar power plant in Uzbekistan, the Government Portal of the Republic of Uzbekistan (Toshkent) 29 November 2024. Access Date: 29 March 2025. <https://gov.uz/en/miit/news/view/28981>

and Yangtze River Economic Belt's economic zones.³⁶⁶² This action is part of China's hydrogen mobility plan and aims to advance the low-carbon and green energy transition in the transportation sector.

On 17 February 2025, the Ministry of Industry and Information Technology shared a new action plan dedicated to the energy storage manufacturing sector.³⁶⁶³ This includes upgrading lithium batteries, new technological innovations and energy storage methods.

On 21 February 2025, the Ministry of Ecology and Environment expanded the China Certified Emission Reduction program to include carbon credits "for projects that utilize low-density coal mine gas and adopt energy-efficient streetlights in highway tunnels."³⁶⁶⁴ These credits aim to incentivize the use of low-density coal mine gas which has a methane concentration of eight per cent or lower, thus helping to reduce methane emissions.

On 27 February 2025, China and Laos celebrated the launch ceremony of the China-Laos power interconnection project.³⁶⁶⁵ This project will advance the transmission of clean electricity between China and Laos. The project is part of the larger China-Laos Economic Corridor and will strengthen energy cooperation.

On 26 March 2025, the Ministry of Ecology and Environment announced that the State Council approved expansions to China's carbon emission trading market to include the steel, cement and aluminum smelting industries.³⁶⁶⁶ This expansion aims to reduce carbon dioxide emissions as well as carbon tetrafluoride and carbon hexafluoride which are both perfluorocarbons.

On 27 March 2025, China and France issued a joint statement on climate change committing to increased cooperation to advance climate action, decrease greenhouse gas emissions in line with the Paris Agreement and advance decarbonization in the industry, trade, energy and construction sectors.³⁶⁶⁷ They also agreed to other biodiversity and marine protection targets.

On 23 April 2025, President Xi Jinping spoke at the Leaders' Summit on Climate and Just Transition.³⁶⁶⁸ In his speech, he reiterated China's commitment to decarbonization and a fair energy transition.

On 27 April 2025, the State Council approved over CNY200 billion in funding for ten new nuclear reactors across the country.³⁶⁶⁹ This will help advance nuclear energy capacity while supporting greenhouse gas emissions reductions.

On 11 May 2025, China's Windey Energy Technology Group, SENAI CIMATEC and Brazil's Minister of Mines and Energy Alexandre Silveira signed a Memorandum of Understanding to develop energy storage,

³⁶⁶² CHN Energy Launches Hydrogen Vehicle Fleet in Key Chinese Regions, China Energy Investment Corporation (Beijing) 23 January 2025. Access Date: 29 June 2025.

<https://www.ceic.com/gjnyjtwEn/xwzx/202501/5c9f5eab45ab4bf08cfd6a7bf5aa3e50.shtml>

³⁶⁶³ Govt policy moves from past week, the State Council People's Republic of China (Beijing) 27 February 2025. Access Date: 29 March 2025. https://english.www.gov.cn/policies/policywatch/202502/27/content_WS67bfc56cc6d0868f4e8f0088.html

³⁶⁶⁴ Coal mining gas carbon credits aim to cut emissions, China Daily (Beijing) 21 February 2025. Access Date: 29 June 2025. <https://www.chinadaily.com.cn/a/202502/21/WS67b7cfaea310c240449d670c.html>

³⁶⁶⁵ Construction begins on Lao section of China-Laos 500 kV power interconnection project, Belt and Road Portal (Vientiane) 28 February 2025. Access Date: 29 March 2025. <https://eng.yidaiyilu.gov.cn/p/01FAKKRM.html>

³⁶⁶⁶ 生态环境部应对气候变化司相关负责人就《全国碳排放权交易市场覆盖钢铁、水泥、铝冶炼行业工作方案》答记者问, 中华人民共和国生态环境部 (Beijing) 27 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.mee.gov.cn/ywdt/zbft/202503/t20250326_1104767.shtml

³⁶⁶⁷ 中华人民共和国和法兰西共和国在《巴黎协定》达成十周年之际关于气候变化的联合声明, 国务院办公厅 (Beijing) 27 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.gov.cn/yaowen/liebiao/202503/content_7015841.htm

³⁶⁶⁸ 习近平在气候和公正转型领导人峰会上的致辞 (全文), 国务院办公厅 (Beijing) 23 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.gov.cn/yaowen/liebiao/202504/content_7020623.htm

³⁶⁶⁹ China tops global ranking of overall nuclear power capacity, report says, China Daily (Beijing) 28 April 2025. Access Date: 29 June 2025. <https://www.chinadaily.com.cn/a/202504/28/WS680f9880a310a04af22bcace.html>

advance wind energy and green hydrogen in Brazil, promote renewable energy in rural agricultural areas and promote renewable energy within the electrical grid.³⁶⁷⁰ The two-year partnership ultimately aims to advance renewable energy and low-carbon technologies.

On 13 May 2025, National Forestry and Grassland Administration President Liu Guohon and Brazil's Minister of Environment and Climate Change Marina Silva signed a Memorandum of Understanding to restore carbon sinks and vegetation in both countries.³⁶⁷¹ The partnership will include a focus on sustainable forest and vegetation management, restoration, protection and cultivation of forests and other natural lands, addressing land degradation, measuring carbon sinks and promoting sustainable use and alternatives. This action will support the reduction of carbon emissions through the agriculture, forestry and other land use sector.

On 27 May 2025, the China Energy Investment Corporation provided renewable hydrogen to power 88 buses daily in Beijing.³⁶⁷² This is expected to reduce carbon emissions by 14.08 metric tonnes per day.

On 29 May 2025, the China Development Bank announced that it has provided over CNY400 billion in green loans for the Yangtze River Economic Belt since January 2025.³⁶⁷³ These loans will support clean energy, green infrastructure and pollution reduction projects including the Longxu Railway project which aims to advance green infrastructure and plant forests for carbon sinks. The Huaneng Taicang project will also receive funding to advance ultra-supercritical coal-fired power generation units which will decrease carbon emissions by 690,000 tonnes annually.

On 15 July 2025, the Chinese-owned Ningxia Tengger Company finished installing its first wind turbine as part of the Ningxiang DC support project.³⁶⁷⁴ The project is expected to have an installed capacity of 1,000 megawatts, producing approximately two billion kilowatt hours of electricity per year, through solar and wind energy.

On 31 July 2025, the Ministry of Industry and Information Technology convened a Beijing symposium on advancing green and low carbon development in the industrial and information sectors.³⁶⁷⁵ The meeting set 2025 priorities and outlined ideas for the 15th Five Year plan, committing to intensify energy saving and carbon reduction, raise resource efficiency and circular use, upgrade the green manufacturing system, cultivate green low carbon industries, and strengthen sector governance with coordinated progress on cutting carbon, reducing pollution, expanding green, and supporting growth.

On 25 August 2025, the General Office of the Communist Party of China Central Committee and the General Office of the State Council issued a guideline to accelerate China's green and low-carbon transition and advance

³⁶⁷⁰ Ministro Alexandre Silveira assina acordo com a China para impulsionar energias renováveis e tecnologias de baixo carbono, Ministério de Minas e Energia (Brasília) 12 May 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/ministro-alexandre-silveira-assina-acordo-com-a-china-para-impulsionar-energias-renovaveis-e-tecnologias-de-baixo-carbono>

³⁶⁷¹ Brasil e China firmam acordo de cooperação sobre restauração de vegetação e sumidouros de carbono, Ministério do Meio Ambiente e Mudança do Clima (Brasília) 13 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gov.br/mma/pt-br/noticias/brasil-e-china-firmam-acordo-de-cooperacao-sobre-restauracao-de-vegetacao-e-sumidouros-de-carbono>

³⁶⁷² New green hydrogen fuel to power Beijing buses, China Daily (Beijing) 27 May 2025. Access Date: 29 June 2025. <https://www.chinadaily.com.cn/a/202505/27/WS68352810a310a04af22c1bea.html>

³⁶⁷³ 国开行：贷款超4000亿元 支持长江经济带绿色低碳高质量发展，国家开发银行 (Beijing) 29 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.cdb.com.cn/xwzx/khdt/202505/t20250529_12606.html

³⁶⁷⁴ 腾格里“沙戈荒”能源大基地首台风机完成吊装，国家开发银行 (Beijing) 21 July 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.ceic.com/gjnyjtw/chnjtyw/202507/3ca3ef87221448318234317e9168101d.shtml>

³⁶⁷⁵ 推动工业和信息化领域绿色低碳发展座谈会在北京市召开，Ministry of Industry and Information Technology of the People's Republic of China (Beijing) 31 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. https://www.miit.gov.cn/xwfb/gxdt/sjdt/art/2025/art_41fe55b4603847da9cf238068301c124.html

the development of the national carbon trading market.³⁶⁷⁶ The guideline highlights that by 2027, the carbon trading system will cover all major industrial sectors and the national voluntary greenhouse gas emission reduction market will be expanded to include all key areas. By 2030, China aims to have fully established a national carbon trading market based on a cap-and-trade mechanism with both free and paid allocations.

On 2 September 2025, CHN Energy reported that it has commissioned 167 new energy storage projects totalling 6,568 megawatts and 14,798 megawatt hours, including the nation's largest 1,000 megawatt hour coal power plus molten salt heat storage project at the Suzhou Power Plant.³⁶⁷⁷ Nearly 90 per cent of the projects are paired with new wind and solar to improve renewable integration and grid stability, supporting China's green and low-carbon transition.

On 24 September 2025, President Xi Jinping announced China's 2035 Nationally Determined Contribution.³⁶⁷⁸ The plan emphasizes reducing economy-wide net greenhouse gas emissions by 7 to 10 per cent from peak levels, increasing the share of non-fossil fuels in total energy consumption to over 30 per cent and expanding the installed capacity of wind and solar power to more than six times the 2020 level.

On 24 September 2025, CHN Energy commissioned China's first railway power supply system deeply integrated with renewable energy along the Baoshen Railway between Baotou and Shenmu.³⁶⁷⁹ The demonstration couples' solar generation, battery storage, and grid connection to supply traction power for heavy haul freight, improve peak shaving and stability and cut transport-related emissions by displacing fossil-based electricity.

China has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. China has taken strong action to advance deep reductions in carbon emissions to support net-zero carbon emissions through renewable hydrogen for buses, green loans for clean energy and green infrastructure including carbon sinks, a partnership with Brazil to restore and enhance carbon sinks, funding for new nuclear reactors, expanding the carbon emission trading market and Certified Emission Reduction program and launching an energy storage project in Uzbekistan. In doing so, it has addressed six of the ten sub-parts outlined in parts two and three of the commitment by taking action to reduce greenhouse gases in the energy, industry, transport and agriculture, forestry and other land use sectors and addressing methane and perfluorocarbons emissions.

Thus, China receives a score of +1.

Analyst: Xinze Guan

France: +1

France has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 20 November 2024, Proparco and the German Investment and Development Company announced a EUR115 million green loan to support Turkish power producer Enerjisa Enerji Üretim A.Ş. in its clean energy

³⁶⁷⁶ Guideline issued to accelerate green transition and carbon market construction, The State Council of the People's Republic of China (Beijing) 25 August 2025. Access Date: 15 October 2025.

https://english.www.gov.cn/policies/latestreleases/202508/25/content_WS68ac6afac6d0868f4e8f50fc.html

³⁶⁷⁷ CHN Energy Commissions 167 New Energy Storage Projects, CHN Energy Investment Group (Beijing) 2 September 2025.

Access Date: 27 October 2025. <https://www.ceic.com/gjnyjtwEn/xwzx/202509/87dbefdc500e4cf4b254554c425ba4d2.shtml>

³⁶⁷⁸ China issues guideline to accelerate green transition, bolster national carbon trading market, People's Republic of China (Beijing) 25 September 2025. Access Date: 18 October 2025.

https://english.www.gov.cn/news/202509/25/content_WS68d47dcac6d00ca5f9a066a5.html

³⁶⁷⁹ CHN Energy Builds China's First "Renewable Energy plus Railway Power Supply" Demonstration along Baoshen Railway, CHN Energy Investment Group (Beijing) 24 September 2025. Access Date: 27 October 2025. <https://www.ceic.com/gjnyjtwEn/xwzx/202509/7c23d21b76624bd98e2d89fbcf8144a.shtml> CEIC

transition.³⁶⁸⁰ This financing will enable Enerjisa “to develop nine onshore wind power plants with a combined capacity of 750” megawatts (MW), helping to advance renewable energy capacity in the country. Proparco will provide EUR75 million for this project with EUR40 million provided by the German Investment and Development Company.

On 10 December 2024, the French Development Agency (AFD)’s non-governmental organization committee approved EUR21 million in funding for 23 civil society organizations.³⁶⁸¹ Of this, EUR2 million will support an energy transition project for Ukraine’s agriculture, health and education sector and EUR1,627,920 will go towards a natural resource management and energy management in agriculture project for Senegal, Chad and Benin.

On 13 December 2024, the Ministers for European Affairs of France, Germany and Poland met within the Weimar Triangle framework to discuss key issues including EU enlargement and climate action.³⁶⁸² They reaffirmed their commitment to strengthening the EU’s green transition and resilience, advocating for green reforms as integral to European competitiveness and sustainability.

On 16 January 2025, the Ministry of the Economy announced its selection of a winning tender to develop a biomethane production facility and reiterated its commitment to accelerating national biomethane production.³⁶⁸³ The facility will produce 36 gigawatt hours of energy per year.

On 23 January 2025, Proparco announced EUR500,000 in funding for Netis, a telecommunications company developing hydrogen-based electricity production equipment.³⁶⁸⁴ This funding will enable Netis to test this clean energy solution which aims to reduce the carbon footprint.

On 5 February 2025, the AFD, European Union, Indonesian Ministry of Energy and Mineral Resources and the National Electricity Company launched the 2025-2030 Indonesia Energy Transition Facility, under the Just Energy Transition Partnership Framework.³⁶⁸⁵ This project will focus on developing and implementing renewable energy and transmission projects and ensuring appropriate public policies for the energy transition. The AFD will provide EUR4.1 million for this initiative and the EU will provide EUR10.6 million.

On 10 February 2025, the AFD and Watt for Change Foundation signed a three-year partnership agreement whereby France will provide EUR860,000 in funding to support access to energy in Benin, Mauritania and

³⁶⁸⁰ En Turquie, Proparco soutient Enerjisa dans sa stratégie verte, Proparco (Paris) 20 November 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.proparco.fr/fr/actualites/en-turquie-proparco-soutient-enerjisa-dans-sa-strategie-verte>

³⁶⁸¹ L’AFD accorde plus de 21 millions d’euros de subventions aux organisations de la société civile, Agence Française de Développement (Paris) 10 December 2024. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/lafd-accorde-plus-de-21-millions-deuros-de-subventions-aux-organisations-de-la-societe-civile>

³⁶⁸² Joint statement by the Ministers for European Affairs of the Weimar Triangle, German Foreign Office (Berlin) 13 December 2024. Access Date: 29 March 2025. <https://www.auswaertiges-amt.de/en/newsroom/news/weimar-triangle-2690460>

³⁶⁸³ Résultats de l’appel d’offres « biométhane injecté » et lancement d’une concertation sur la mise en œuvre du dispositif de certificats de production de biogaz, Ministère de l’Économie, des Finances et de la Souveraineté Industrielle et Numérique (Paris) 16 January 2025. Translation provided by Analyst. Access Date: 16 April 2025. <https://presse.economie.gouv.fr/resultats-de-lappel-doffres-biomethane-injecte-et-lancement-dune-concertation-sur-la-mise-en-oeuvre-du-dispositif-de-certificats-de-production-de-biogaz/>

³⁶⁸⁴ Avec le soutien de Proparco, NETIS expérimente une solution de production d’énergie à base d’hydrogène dédiée aux acteurs télécoms en Afrique subsaharienne, Proparco (Paris) 23 January 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.proparco.fr/fr/actualites/avec-le-soutien-de-proparco-netis-experimente-une-solution-de-production-denergie-base>

³⁶⁸⁵ La France et l’UE renforcent leur partenariat avec l’Indonésie pour accélérer la transition énergétique, Agence Française de Développement (Paris) 5 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/la-france-et-lue-renforcent-leur-partenariat-avec-lindonesie-pour-acceler-la-transition-energetique>

Madagascar.³⁶⁸⁶ The funding will be divided amongst French associations aiming to advance projects for solar pumping, clean cooking methods and other needs.

On 14 February 2025, France signed a new strategic sector contract for the “New Energy Systems” industry, covering the period 2024–2027.³⁶⁸⁷ Under this initiative, France is partnering with industry actors to develop industries related to the energy transition, with plans to study heat recovery technologies, energy flexibility and alternative fuels.

On 18 February 2025, Minister of Industry and Energy Marc Ferracci reaffirmed France’s support for its offshore wind industry.³⁶⁸⁸ Minister Ferracci also announced an EUR170 million investment to manufacture wind turbines and adapt port infrastructure, while reaffirming France’s goal to produce 18 gigawatts of offshore wind power by 2035 and 45 gigawatts by 2050.

On 27 February 2025, the AFD and Arab Bank for Economic Development in Africa signed a four-year partnership agreement to increase cooperation for climate, food, sustainable infrastructure and businesses and entrepreneurship.³⁶⁸⁹ The agreement includes collaboration for renewable energy and energy efficiency projects with a focus on Africa.

On 2 March 2025, France initiated a public consultation on the third Multiannual Energy Program for the 2025–2035 period, which remained open until 5 April 2025.³⁶⁹⁰ The draft plan sets ambitious targets for offshore wind and marine renewable energy development, aiming to reduce dependence on fossil fuels and transition to a decarbonized energy mix.

On 11 March 2025, the AFD and Moldova signed an agreement for the INSPIREE project which aims to save energy by improving energy efficiency in public buildings in Moldova.³⁶⁹¹ The project will receive EUR30 million in co-financing by the AFD, Germany’s KfW Development Group and Moldova.

³⁶⁸⁶ La Fondation Watt For Change et l’Agence Française de Développement (AFD) s’engagent pour financer trois projets de développement en Afrique grâce aux énergies vertes, Agence Française de Développement (Paris) 10 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/la-fondation-watt-change-et-lagence-francaise-de-developpement-afd-sengagent-pour-financer-trois-projets-de-developpement-en-afrique-grace-aux-energies-vertes>

³⁶⁸⁷ Nouveaux systèmes énergétiques : un nouveau contrat stratégique de filière au service du développement d’industries clefs pour la transition, Ministère de l’Économie, des Finances et de la Souveraineté Industrielle et Numérique (Paris) 14 February 2025. Translation provided by Google Translate. Access Date: 16 April 2025. <https://presse.economie.gouv.fr/nouveaux-systemes-energetiques-un-nouveau-contrat-strategique-de-filiere-au-service-du-developpement-dindustries-clefs-pour-la-transition/>

³⁶⁸⁸ L’info.gouv du 18 février: tarifs réglementés de l’électricité, éolien en mer, citoyeneté numérique et francophonie, Gouvernement de France (Paris) 18 February 2025. Translation provided by Google Translate. Access Date: 23 March 2025. <https://www.info.gouv.fr/actualite/linfo-gouv-du-18-fevrier-tarifs-reglementes-de-lelectricite-eolien-en-mer-citoyennete-numerique-et-francophonie>

³⁶⁸⁹ L’afd Et La BADEA Signent Un Accord De Partenariat Stratégique Pour Le Développement Durable En Afrique, Agence Française de Développement (Paris) 27 February 2025. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/lafd-et-la-badea-signent-un-accord-de-partenariat-strategique-pour-le-developpement-durable-en-afrique>

³⁶⁹⁰ France defines its energy roadmap until 2035: Offshore wind and the transition to a decarbonized mix, Strategic Energy Europe (Paris) 12 March 2025. Translation provided by Google Translate. Access Date: 5 May 2025. <https://strategicenergy.eu/france-defines-its-energy-roadmap-until-2035-offshore-wind-and-the-transition-to-a-decarbonized-mix/>

³⁶⁹¹ La Moldavie et la France renforcent leur coopération en faveur de l’efficacité énergétique des bâtiments publics, Agence Française de Développement (Paris) 11 March 2025. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/la-moldavie-et-la-france-renforcent-leur-cooperation-en-faveur-de-lefficacite-energetique-des-batiments-publics>

On 18 March 2025, Proparco and the Equity Group Foundation signed a EUR1 million agreement for its Climate Resilient Agri-Food Systems project.³⁶⁹² Proparco will provide this funding to advance climate-smart agriculture for small-scale farmers in Kenya with a goal of reducing greenhouse gas emissions in the sector.

On 26 March 2025, Proparco, the German Investment and Development Company and Standard Charter announced USD60 million in joint financing for Indonesia's Saguling floating solar photovoltaic power plant under the Just Energy Transition Partnership.³⁶⁹³ Once complete, the plant will support the energy transition by decreased Indonesia's carbon emissions by 63,100 tonnes per year and increasing solar electricity generation in the country by 13 per cent.

On 26 March 2025, the AFD and Nacional Financiera signed a EUR100 million credit financing agreement aimed at enhancing sustainable infrastructure in Mexico.³⁶⁹⁴ Of this, the AFD will provide EUR75 million for energy efficiency projects with a goal of reducing carbon emissions in the country.

On 9 April 2025, France hosted its first National Carpool Day to promote energy efficiency and encourage reductions in greenhouse gas emissions.³⁶⁹⁵

On 15 April 2025, France published an updated version of its National Hydrogen Strategy.³⁶⁹⁶ New measures include a EUR4 billion support mechanism for low-carbon hydrogen production, government support for the development of hydrogen technologies across the supply chain, support for the deployment of hydrogen-powered vehicles and support for studies on synthetic fuel. France also announced that it will support two energy and industry sector decarbonization projects and a value chain development project aimed at producing low-carbon hydrogen.

On 18 April 2025, Minister of Economy, Finance, Industrial and Digital Sovereignty Eric Lombard and Minister of Industry and Energy Marc Ferracci relaunched five calls for proposals for projects supporting decarbonization.³⁶⁹⁷ France will allocate up to EUR30 million to projects selected under the Biomass Heat for Industry, Agriculture and the Tertiary Sector aimed at decarbonizing these sectors as well as funding for several projects aimed at supporting decarbonization in the industrial sector.

On 12 May 2025, the AFD Group and Office Chérifien des Phosphates (OCP) Group announced a EUR350 million financing agreement to support the OCP Group in transitioning towards 100 per cent renewable energy

³⁶⁹² Proparco accorde une assistance technique d'1 million € à Equity Group Foundation pour aider les petits exploitants agricoles kenyans à passer à une agriculture Climate-Smart, Agence Française de Développement (Paris) 18 March 2025. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.proparco.fr/fr/actualites/proparco-accorde-une-assistance-technique-d1-million-eu-equity-group-foundation-pour>

³⁶⁹³ Le premier projet solaire du JETP Indonésien mobilise 60 millions de dollars US, Proparco (Paris) 2 May 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.proparco.fr/fr/actualites/le-premier-projet-solaire-du-jetp-indonesien-mobilise-60-millions-de-dollars-us>

³⁶⁹⁴ Nacional financiera (NAFIN) et l'Agence Française de Développement (AFD) unissent leurs forces pour promouvoir la construction verte au Mexique, Agence Française de Développement (Paris) 26 March 2025. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.afd.fr/fr/actualites/communique-de-presse/nacional-financiera-nafin-et-lagence-francaise-de-developpement-afd-unissent-leurs-forces-pour-promouvoir-la-construction-verte-au-mexique>

³⁶⁹⁵ Journée nationale du covoiturage, Ministère de L'Aménagement Du Territoire et de La Décentralisation (Paris) 9 April 2025. Translation provided by Google Translate. Access Date: 23 March 2025. <https://www.ecologie.gouv.fr/rendez-vous/journee-nationale-du-covoiturage>

³⁶⁹⁶ Stratégie nationale hydrogène (SNH II) : Le Gouvernement publie sa mise à jour, Ministère de l'Économie, des Finances et de la Souveraineté Industrielle et Numérique (Paris) 15 April 2025. Translation provided by Google Translate. Access Date: 16 April 2025. <https://presse.economie.gouv.fr/strategie-nationale-hydrogene-snh-ii-le-gouvernement-publie-sa-mise-a-jour/>

³⁶⁹⁷ France 2030: Eric Lombard et Marc Ferracci relancent 5 appels à projets pour soutenir la décarbonation de l'industrie, Gouvernement de France (Vaujours) 18 April 2025. Translation provided by Google Translate. Access Date: 2 July 2025. <https://www.info.gouv.fr/actualite/france-2030-eric-lombard-et-marc-ferracci-relancent-5-appels-a-projets-pour-soutenir-la-decarbonation-de-lindustrie>

by 2027.³⁶⁹⁸ Additionally, this funding will enable the group to produce and promote decarbonized fertilizers, develop green hydrogen and green ammonia and increase clean energy and non-conventional water production. This partnership aims to support Morocco's low-carbon transition and promote sustainable agriculture in Africa.

On 26 May 2025, Prime Minister François Bayrou held the Interministerial Committee for the Sea 2025.³⁶⁹⁹ This conference discussed strategies for decarbonizing its maritime sector and increasing marine renewable energies.

On 26 May 2025, the AFD and Viet Nam Electricity National Power Transmission Corporation signed a EUR67 million credit facility agreement to support the construction of 500 kilovolt transmission lines in Vietnam's Binh Duong and Dong Nai provinces.³⁷⁰⁰ The project will support the integration of renewable energy in Vietnam's transmission networks, thereby supporting the reduction of greenhouse gas emissions.

On 27 May 2025, the AFD, representing itself, Proparco, the European Investment Bank, the Japan International Cooperation Agency, Germany's KfW Development Bank and Italy's Cassa Depositi e Prestiti, signed a Memorandum of Understanding with Viet Nam Electricity, committing up to EUR480 million to support the construction of a 1200 megawatts Pumped Storage Hydropower project in Vietnam.³⁷⁰¹ The EU will also provide EUR10 million in technical assistance for the project, managed by the AFD. The project aims to increase the integration of renewable energy in Vietnam's energy grid.

On 6 June 2025, the Ministry of Economy, Finance, and Industrial and Digital Sovereignty and the Brazilian Ministry of Mines and Energy signed a Declaration of Intent focusing on low-carbon hydrogen.³⁷⁰² The agreement aims to strengthen green reindustrialization and technological innovation within Brazil, with France's assistance.

On 6 June 2025, the AFD and Banco Regional de Desenvolvimento do Extremo Sul announced EUR120 million in joint investments for environmental and climate impact projects in southern Brazil.³⁷⁰³ These projects will focus on the production of clean and renewable energy while addressing other environmental concerns. The AFD stated that it aims to support Brazil's transition toward a "low-carbon, resilient, and equitable model" through this initiative.

On 27 June 2025, the AFD, French Environment and Energy Management Agency and the Banque des Territoires signed an agreement to strengthen their collaboration in advancing energy and ecological transitions

³⁶⁹⁸ OCP Group and AFD Group formalize their strategic partnership in support of Morocco's low-carbon transition and the development of sustainable and inclusive agriculture, OCP Group (Casablanca) 12 May 2025. Access Date: 23 June 2025. <https://www.ocpgroup.ma/press-release-article/ocp-group-and-afd-group-formalize-their-strategic-partnership-support>

³⁶⁹⁹ Comité interministériel de la mer 2025 - Dossier de presse, Gouvernement de France (Paris) 28 May 2025. Translation provided by Google Translate. Access Date: 2 July 2025. <https://www.info.gouv.fr/actualite/comite-interministeriel-de-la-mer-2025-dossier-de-presse>

³⁷⁰⁰ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

³⁷⁰¹ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

³⁷⁰² MME assina acordo com a França para ampliar uso de hidrogênio de baixa emissão de carbono, Ministério de Minas e Energia (Brasília) 6 June 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/mme-assina-acordo-com-a-franca-para-ampliar-uso-de-hidrogenio-de-baixa-emissao-de-carbono>

³⁷⁰³ Brésil – France: Une coopération renforcée pour un développement durable et résilient, Agence Française de Développement (Paris) 6 June 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.afd.fr/fr/actualites/communiqu-de-presse/bresil-france-une-cooperation-renforcee-pour-un-developpement-durable-et-resilient>

in the Réunion region.³⁷⁰⁴ Key areas of cooperation include improving energy efficiency in public and private buildings and infrastructure, diversifying electricity and expanding energy storage capacities.

On 11 July 2025, France and the United Kingdom announced a new Industrial Strategy partnership aimed at investing in clean energy industries, supporting the net zero transition and accelerating growth.³⁷⁰⁵ This partnership came into effect following the 37th UK-France Summit.

On 11 July 2025, Minister Ferracci and Secretary General for Investment Bruno Bonnell announced project calls “for investment projects to produce tomorrow’s road vehicles and their components in France” and “CORAM 2025.”³⁷⁰⁶ Through this initiative, France aims to decarbonize the automotive sector and support manufacturers who are at the forefront of emission-free transitions.

On 26 July 2025, France collaborated with the United Kingdom to launch the MicroCarb satellite that will map and monitor carbon dioxide emissions.³⁷⁰⁷ The satellite was launched from Kourou, French Guiana. This project aims to understand carbon emissions in cities which are responsible for 70 per cent of total emissions. The satellite will also monitor natural carbon sinks, including forests and oceans, in order to support carbon capture and storage initiatives.

On 29 July 2025, Minister Ferracci proclaimed seven new measures to accelerate the development of geothermal energy in France.³⁷⁰⁸ France’s objective is to double the installation rate of geothermal heat pumps while also increasing deep geothermal operations by 40 per cent through projects set to be launched before 2030.

On 4 September 2025, the Kenyan Ministry of Energy and Petroleum and the AFD signed a cooperation agreement to accelerate the development of geothermal energy across East Africa.³⁷⁰⁹ The partnership between Kenya, Tanzania, Uganda and France aims to position East Africa as a regional leader in renewable energy by combining Kenya’s expertise in deep geothermal power generation with French experience in direct geothermal heat applications. The initiative aims to enhance climate resilience, stimulate green growth and advance sustainable development.

On 8 September 2025, the EU, France and Ethiopia signed a EUR120 million agreement to modernize Ethiopia’s electricity and digital infrastructure under the Renewable Integrated Sustainable Energy and

³⁷⁰⁴ L’ADEME, l’AFD et la Banque des Territoires partenaires pour renforcer leur soutien aux transitions énergétiques et écologiques à La Réunion, Agence Française de Développement (Paris) 27 June 2025. Translation provided by Google Translate. Access Date: 23 July 2025. <https://www.afd.fr/fr/communiqués-de-presse/lademe-lafd-et-la-banque-des-territoires-partenaires-pour-renforcer-leur>

³⁷⁰⁵ Over £1bn in investment deals as UK-France launch new Industrial Strategy Partnership, Prime Minister’s Office (London) 11 July 2025. Access Date: 23 July 2025. <https://www.gov.uk/government/news/over-1bn-in-investment-deals-as-uk-france-launch-new-industrial-strategy-partnership>

³⁷⁰⁶ France 2030: lancement des appels à projets « Soutien aux projets d’investissements pour produire en France les véhicules routiers de demain et leurs composants » et « CORAM 2025 », Ministère de l’Économie, des Finances et de la Souveraineté Industrielle et Numérique (Paris) 11 July 2025. Translation provided by Analyst. Access Date: 21 August 2025. <https://presse.economie.gouv.fr/france-2030-lancement-des-appels-a-projets-soutien-aux-projets-dinvestissements-pour-produire-en-france-les-vehicules-routiers-de-demain-et-leurs-composants-et-coram-2025/>

³⁷⁰⁷ Revolutionary city-scanning satellite from UK-France partnership set to transform climate monitoring, UK Space Agency (London) 26 July 2025. Access Date: 9 October 2025. <https://www.gov.uk/government/news/revolutionary-city-scanning-satellite-from-uk-france-partnership-set-to-transform-climate-monitoring>

³⁷⁰⁸ Énergie: la filière de la géothermie de surface reste sur sa faim, La Tribune (Paris) 29 July 2025. Translation provided by Google Translate. Access Date: 3 August 2025. <https://www.latribune.fr/climat/energie-environnement/energie-la-filiere-de-la-geothermie-de-surface-reste-sur-sa-faim-1030556.html>

³⁷⁰⁹ Un partenariat Kenya-France pour dynamiser la géothermie en Afrique de l’Est, Agence Française de Développement (Nairobi) 4 September 2025. Translation provided by Analyst. Access Date: 22 October 2025. [google.com/url?q=https://www.afd.fr/fr/communiqués-de-presse/un-partenariat-kenya-france-pour-dynamiser-la-geothermie-en-afrique-de-lest&sa=D&source=docs&ust=1761163050196019&usg=AOvVaw3y3e32VI3vSg9xB5ZfVXT1](https://www.afd.fr/fr/communiqués-de-presse/un-partenariat-kenya-france-pour-dynamiser-la-geothermie-en-afrique-de-lest&sa=D&source=docs&ust=1761163050196019&usg=AOvVaw3y3e32VI3vSg9xB5ZfVXT1)

Digitalisation programme.³⁷¹⁰ This initiative seeks to strengthen Ethiopia's electricity grid, expand renewable energy generation and enhance access to affordable digital connectivity.

On 16 October 2025, the AFD signed two agreements to support North Macedonia's energy transition.³⁷¹¹ In partnership with RTE International, the agreement between the AFD and North Macedonia's energy transmitter, MEPSO, aims to "modernize and digitize the national electricity transmission network". This project will enhance the security and efficiency of energy supply and enable the integration of more renewable energy.

On 17 October 2025, the AFD signed a contribution agreement with the Global Energy Alliance for People and Planet to fund feasibility studies for a battery energy storage system project in Togo.³⁷¹² The Togan government has set goals such as achieving universal access to electricity by 2030 and reducing its dependence on energy imports. The feasibility studies will outline a 55 megawatts pilot energy storage project and develop a countrywide roadmap for deployment.

France has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. France has taken strong action to reduce carbon emissions in the energy, industry, buildings, transport and agriculture sectors through clean energy investments for Enerjisa, Netis, the OCP Group, Mexico and Indonesia, funding for emissions reductions in agriculture in Kenya and Ukraine, funding for Moldova's energy efficiency improvements in public buildings and the updated National Hydrogen Strategy which includes financing for hydrogen-powered vehicles and industrial decarbonization. It has also advanced reductions in methane through a biomethane production facility.

Thus, France receives a score of +1.

Analyst: Siya Duggal

Germany: 0

Germany has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 20 November 2024, the German Investment and Development Company and France's Proparco announced a EUR115 million green loan to support Turkish power producer Enerjisa Enerji Üretim A.Ş. in its clean energy transition.³⁷¹³ This financing will enable Enerjisa "to develop nine onshore wind power plants with a combined capacity of 750" megawatts (MW), helping to advance renewable energy capacity in the country. Proparco will provide EUR75 million for this project with EUR40 million provided by the German Investment and Development Company.

³⁷¹⁰ L'Union européenne, la France et l'Éthiopie signent un accord phare de 120 millions d'euros pour moderniser les infrastructures électriques et numériques, Agence Française de Développement (Addis Ababa) 8 September 2025. Translation provided by Google Translate. Access Date: 22 October 2025. <https://www.afd.fr/fr/communiqués-de-presse/lunion-europeenne-la-france-et-lethiopie-signent-un-accord-phare-de-120>

³⁷¹¹ L'AFD renforce son partenariat avec la Macédoine du Nord pour une transition énergétique moderne et juste, Agence Française de Développement (Paris) 16 October 2025. Translation provided by Google Translate. Access Date: 9 November 2025. <https://www.afd.fr/fr/communiqués-de-presse/lafd-renforce-son-partenariat-avec-la-macedoine-du-nord-pour-une-transition>

³⁷¹² L'AFD et la Global Energy Alliance signent un accord pour développer le stockage d'énergie au Togo, Agence Française de Développement (Paris) 22 October 2025. Translation provided by Google Translate. Access Date: 9 November 2025. <https://www.afd.fr/fr/communiqués-de-presse/lafd-et-la-global-energy-alliance-signent-un-accord-pour-developper-le>

³⁷¹³ En Turquie, Proparco soutient Enerjisa dans sa stratégie verte, Proparco (Paris) 20 November 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.proparco.fr/fr/actualites/en-turquie-proparco-soutient-enerjisa-dans-sa-strategie-verte>

On 28 November 2024, State Secretary at the Ministry for Economic Cooperation and Development Jochen Flasbarth reaffirmed Germany's commitment to accelerating the energy transition in South Africa.³⁷¹⁴ He also revealed that Germany will provide EUR200 million in repayable loans to South Africa for this cause.

On 11 December 2024, the Federal Cabinet approved amendments to the 2023 Renewable Energy Sources Act to increase flexibility for use and funding for biogas plants.³⁷¹⁵ This aims to ensure the full potential of bioenergy.

On 13 December 2024, the Ministers for European Affairs of Germany, France and Poland met within the Weimar Triangle framework to discuss key issues including EU enlargement and climate action.³⁷¹⁶ They reaffirmed their commitment to strengthening the EU's green transition and resilience, advocating for green reforms as integral to European competitiveness and sustainability.

On 17 December 2024, the European Commission approved a EUR3 billion scheme funded by Germany and the Netherlands to produce "renewable fuels of non-biological origin."³⁷¹⁷ This will help advance the net zero transition and help the EU achieve its climate and hydrogen goals. Germany will provide EUR2.7 billion for this initiative which is expected to produce a minimum of "1.875 GW of electrolysis capacity" globally.

On 21 January 2025, Germany, Italy, Austria, Algeria and Tunisia signed a Joint Declaration of Intent to develop the Southern Hydrogen Corridor.³⁷¹⁸ This initiative aims to establish a 3,500-4,000-kilometre pipeline transporting renewable hydrogen from North Africa to Europe and is expected to deliver up to 163 terawatt-hours of hydrogen annually to Europe.

On 12 February 2025, Germany announced joint initiatives with the African Development Bank to accelerate energy access across Africa.³⁷¹⁹ The initiatives include increasing funding for renewable energy projects and supporting regional power integration programs.

On 13 February 2025, the Ministry for Economic Cooperation and Development announced funding to support green hydrogen production in Morocco, through its PtX Development Fund.³⁷²⁰ PtX will provide a EUR30 million grant to support the construction of a green hydrogen plant which is expected to reduce carbon

³⁷¹⁴ Deutschland bleibt wichtiger Unterstützer von Südafrikas sozial gerechter Energiewende, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (Berlin) 28 November 2024. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.bmz.de/de/aktuelles/archiv-aktuelle-meldungen/de-unterstuetzt-suedafrikas-sozial-gerechte-energiawende-239498>

³⁷¹⁵ Die Bundesregierung hat heute die Änderungen energierechtlicher Vorschriften beschlossen, Bundesministerium für Wirtschaft und Energie (Berlin) 11 December 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2024/12/20241211-aenderungen-energierechtlicher-vorschriften.html>

³⁷¹⁶ Joint statement by the Ministers for European Affairs of the Weimar Triangle, German Foreign Office (Berlin) 13 December 2024. Access Date: 29 March 2025. <https://www.auswaertiges-amt.de/en/newsroom/news/weimar-triangle-2690460>

³⁷¹⁷ Commission approves €3 billion German-Dutch State aid scheme to support the production of renewable fuels of non-biological origin, European Commission (Brussels) 24 November 2024. Access Date: 30 June 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_24_6433

³⁷¹⁸ Joint political declaration of intent to develop the Southern Hydrogen Corridor, Bundesministerium für Wirtschaft und Energie (Rome) 21 January 2025. Access Date: 16 April 2025. <https://www.bmwk.de/Redaktion/EN/Pressemitteilungen/2025/01/20250121-joint-political-declaration-of-intent-develop-southern-hydrogen-corridor.html>

³⁷¹⁹ African Development Bank and Germany announce major initiatives on energy access and private sector development, African Development Bank (Abidjan) 12 February 2025. Access Date: 21 May 2025. <https://www.afdb.org/en/news-and-events/press-releases/african-development-bank-and-germany-announce-major-initiatives-energy-access-private-sector-development-80896>

³⁷²⁰ Deutschland unterstützt Einstieg in grüne Wasserstoffproduktion in Marokko mit Investition in nachhaltige Düngerherstellung, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (Berlin) 13 February 2025. Translation provided by Google Translate. Access Date: 16 April 2025. <https://www.bmz.de/de/aktuelles/archiv-aktuelle-meldungen/einstieg-gruene-wasserstoffproduktion-marokko-247346>

emissions by 300,000 tonnes per year by producing 100,000 tonnes of green ammonia to be used for climate-friendly fertilizers.

On 11 March 2025, the French Development Agency (AFD) and Moldova signed an agreement for the INSPIREE project which aims to save energy by improving energy efficiency in public buildings in Moldova.³⁷²¹ The project will receive EUR30 million in co-financing by the AFD, Germany's KfW Development Group and Moldova.

On 18 March 2025, Deputy Chancellor and Minister for Economic Affairs and Climate Action Robert Habeck and Minister of Foreign Affairs Annalena Baerbock led discussions on the global energy transition at the Berlin Energy Transition Dialogue.³⁷²² The conference focused on advancing renewable energy, energy efficiency and phasing out of fossil fuels in line with goals from the 28th Conference of the Parties of the UN Framework Convention on Climate Change. Emphasizing international cooperation, Germany reinforced its commitment to sustainable energy partnerships and highlighted economic opportunities, including the growth of hydrogen markets and clean technology investments.

On 25 March 2025, the Ministry for Economic Affairs and Climate Action announced that the KfW Development Group is providing EUR172 million in financing as the first installment for the construction of a hydrogen core network.³⁷²³ Once complete, the network will extend 9,040 kilometres and support a climate-neutral transition.

On 26 March 2025, the German Investment and Development Company, Proparco and Standard Charter announced USD60 million in joint financing for Indonesia's Saguling floating solar photovoltaic power plant under the Just Energy Transition Partnership.³⁷²⁴ Once complete, the plant will support the energy transition by decreased Indonesia's carbon emissions by 63,100 tonnes per year and increasing solar electricity generation in the country by 13 per cent.

On 11 April 2025, the Ministry for Economic Affairs and Climate Action announced the opening of a green hydrogen plant to produce carbon dioxide-free iron in Namibia.³⁷²⁵ The plant will reduce 20,000 tonnes of carbon emissions per year and produce 15,000 tonnes of green iron per year. Germany provided EUR13 million for this project which will support the industrial sector.

In May 2025, the German Society for International Cooperation allocated EUR456,000 for a project to support "the introduction of emissions trading systems" and the Carbon Border Adjustment Mechanism in Brazil and

³⁷²¹ La Moldavie et la France renforcent leur coopération en faveur de l'efficacité énergétique des bâtiments publics, Agence Française de Développement (Paris) 11 March 2025. Translation provided by Analyst. Access Date: 29 June 2025. <https://www.afd.fr/fr/actualites/communiqu%C3%A9-de-presse/la-moldavie-et-la-france-renforcent-leur-cooperation-en-faveur-de-lefficacite-energetique-des-batiments-publics>

³⁷²² Climate action as security policy: First publication of the National Interdisciplinary Climate Risk Assessment, German Foreign Office (Berlin) 18 March 2025. Access Date: 29 March 2025. <https://www.auswaertiges-amt.de/en/newsroom/news/2700056-2700056>

³⁷²³ Finanzierung des Wasserstoff-Kernnetzes: Die erste Auszahlung an die Wasserstoff-Kernnetzbetreiber aus dem Amortisationskonto ist erfolgt, Bundesministerium für Wirtschaft und Energie (Berlin) 23 March 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/20250324-finanzierung-des-wasserstoff-kernnetzes-erste-auszahlung-ist-erfolgt.html>

³⁷²⁴ Le premier projet solaire du JETP Indonésien mobilise 60 millions de dollars US, Proparco (Paris) 2 May 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.proparco.fr/fr/actualites/le-premier-projet-solaire-du-jetp-indonesien-mobilise-60-millions-de-dollars-us>

³⁷²⁵ Vom Bundesministerium für Wirtschaft und Klimaschutz gefördertes Wasserstoffprojekt Oshivela/Hylron in Namibia eröffnet, Bundesministerium für Wirtschaft und Energie (Berlin) 11 April 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/20250411-vom-bundesministerium-fuer-wirtschaft-und-klimaschutz-gefoerdertes-wasserstoffprojekt-oshivela-hylron-in-namibia-eroeffnet.html>

Türkiye's public and private sectors.³⁷²⁶ The project aims to support the reductions of greenhouse gas emissions in the long-term. It will be implemented by adelphi global gGmbH, the National Service for Industrial Training, the Union of Chambers and Commodity Exchanges of Türkiye and the United Nations Industrial Development Organization Austria until December 2025.

On 27 May 2025, the AFD, representing itself, the KfW Development Bank, the Japan International Cooperation Agency, Proparco, the European Investment Bank and Italy's Cassa Depositi e Prestiti, signed a Memorandum of Understanding with Viet Nam Electricity, committing up to EUR480 million to support the construction of a 1200 megawatts Pumped Storage Hydropower project in Vietnam.³⁷²⁷ The EU will also provide EUR10 million in technical assistance for the project, managed by the AFD. The project aims to increase the integration of renewable energy in Vietnam's energy grid.

On 20 May 2025, the German Society for International Cooperation and the German Environment Agency on hosted a two-day online event on behalf of the Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection.³⁷²⁸ The 2025 Green Cooling Summit aimed to highlight solutions to reduce buildings emissions using technologies that replace hydrofluorocarbons.

On 25 June 2025, Germany announced that 514,000 emission certificates would be withdrawn from the European Emissions Trading System to phase out coal.³⁷²⁹ This measure follows the closure of two power plant units under the Coal Phase-Out Act, which led to a reduction of about 890,000 tons of carbon dioxide emissions in 2023.

On 3 July 2025, Germany announced that an additional EUR400 million in investments for climate-friendly shipping and ports.³⁷³⁰ Over the next four years, this funding will be used to modernize its maritime economy, supporting low-emissions ships and other measures.

On 4 July 2025, the Ministry for Economic Affairs and Energy announced a draft law to accelerate the development of geothermal plants, large-scale heat pumps, thermal storage systems and district heating networks.³⁷³¹ The law, if approved by Parliament, will simplify approval regulations for related projects.

³⁷²⁶ Fit für CBAM: Kohlenstoffbepreisung und industrielle Dekarbonisierung in CBAM-Sektoren, Internationale Klimaschutzinitiative (Berlin) n.d. Translation provided by Google Translate. Access Date: 8 September 2025. <https://www.international-climate-initiative.com/projekt/fit-fuer-cbam-kohlenstoffbepreisung-und-industrielle-dekarbonisierung-in-cbam-sektoren-25-i-612-global-g-fit-for-cbam/>

³⁷²⁷ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

³⁷²⁸ Internationale Online-Konferenz "Green Cooling Summit 2025", Umweltbundesamt (Dessau-Roßlau) 20 May 2025.

Translation provided by Google Translate. Access Date: 16 November 2025.

<https://www.umweltbundesamt.de/service/termine/internationale-online-konferenz-green-cooling>

³⁷²⁹ Deutschland löscht über 500.000 Emissionszertifikate und sichert damit den positiven Klima-Effekt des Kohleausstiegs, Umweltbundesamt (Dessau-Roßlau) 25 June 2025. Translation provided by Google Translate. Access Date: 4 September 2025. <https://www.umweltbundesamt.de/presse/pressemitteilungen/deutschland-loescht-ueber-500000>

³⁷³⁰ 400 Millionen Euro für klima-freundliche Schifffahrt und Häfen, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklun (Berlin) 3 July 2025. Translation provided by Google Translate. Access Date: 25 July 2025.

<https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/07/20250703-zitat-400-millionen-euro-fuer-klimafreundliche-schifffahrt-und-haefen.html>

³⁷³¹ BMW legt Entwurf zum Gesetz zur Beschleunigung des Ausbaus von Geo-thermieanlagen, Grob-Wärmepumpen, Wärmespeicher und Fernwärmeleitungen (Ge-oBG) vor, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklun (Berlin) 7 July 2025. Translation provided by Google Translate. Access Date: 25 July 2025.

<https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/07/20250704-bmwe-legt-entwurf-zum-gesetz-zur-beschleunigung-des-ausbaus-von-geothermieanlagen.html>

On 11 July 2025, the Federal Council approved a draft law to accelerate the energy transition.³⁷³² This law amends the Renewable Energy Directive 2023/2413 (RED III), simplifying and accelerating project requirements for onshore wind and energy storage and promoting the expansion of renewable energy.

On 17 July 2025, Germany and the United Kingdom signed the Treaty on Friendship and Bilateral Cooperation.³⁷³³ Through this treaty, both members agreed to work on 17 priority projects, including the Strategic Science and Technology Partnership which focuses on “sustainable energy solutions” and the North Sea Energy Infrastructure Project which aims to accelerate hydrogen and carbon dioxide infrastructure.

On 25 July 2025, Minister for Economic Cooperation and Development Reem Alabali Radovan and the Government of South Africa agreed to expand renewable energies, during the G20 Development Ministers’ Meeting.³⁷³⁴ Through a EUR500 million loan, South Africa will advance reforms in its energy sector to attract private investment. The loan will support grid expansion for solar and wind power plants, stabilize the power supply and create new business opportunities for German companies.

On 6 August 2025, the Federal Cabinet approved a draft bill amending the Carbon Dioxide Storage Act to enable the use of Carbon Capture and Storage and Carbon Capture and Utilization.³⁷³⁵ Through this law, Germany aims to support industries with unavoidable process emissions, such as cement and lime production, by creating a legal framework for carbon dioxide transport, storage, and infrastructure development.

On 6 August 2025, the Federal Cabinet passed six major energy sector laws as part of the emergency program of the Ministry for Economic Affairs and Energy.³⁷³⁶ The package includes the abolition of the gas storage levy and new laws to accelerate geothermal projects, heat pumps and heat storage facilities. Additionally, the EU Renewable Energy Directive in the areas of offshore wind energy and electricity grids was implemented, and the Energy Industry Act was amended to strengthen consumer protection and expand digitalization. Together, these measures aim to ease the burden on businesses and households and accelerate renewable energy expansion.

On 7 August 2025, the federal and state governments committed EUR100 billion from a EUR500 billion special fund to climate protection.³⁷³⁷ They are directing the investment towards state-of-the-art technologies such as carbon capture and storage and carbon capture and utilisation to address industrial and power plant emissions

³⁷³² Bundesrat beschließt Gesetz zur Umsetzung der RED III und ebnet schnelleren Genehmigungsverfahren bei erneuerbaren Energien den Weg, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (Berlin) 11 July 2025. Translation provided by Google Translate. Access Date: 4 August 2025.

<https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/07/20250711-bundesrat-beschliesst-gesetz-umsetzung-red-iii-schnellere-genehmigungsverfahren-erneuerbare-energien.html>

³⁷³³ Friendship and Bilateral Cooperation Treaty: The 17 Projects the UK and Germany will deliver together, British Embassy Berlin (Berlin) 17 July 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/friendship-and-bilateral-cooperation-treaty-the-17-projects-the-uk-and-germany-will-deliver-together>

³⁷³⁴ Wachstumschancen durch erneuerbare Energien: KfW-Kredit hilft deutschen und südafrikanischen Unternehmen, Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (Berlin) 25 July 2025. Translation provided by Google Translate. Access Date: 21 August 2025. <https://www.bmz.de/de/aktuelles/aktuelle-meldungen/kfw-kredit-hilft-deutschen-und-suedafrikanischen-unternehmen-258516>

³⁷³⁵ Bundesregierung ebnet den Weg für CO₂-Speicherung und -Nutzung (CCS und CCU), Bundesministerium für Wirtschaft und Energie (Berlin) 6 August 2025. Translation provided by Google Translate. Access Date: 21 August 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/08/20250806-bundesregierung-ebnet-weg-fuer-co2-speicherung-nutzung-ccs-ccu.html>

³⁷³⁶ Bundeskabinett beschließt zahlreiche Gesetze im Energiebereich, Bundesministerium für Wirtschaft und Energie (Berlin) 6 August 2025. Translation provided by Google Translate. Access Date: 21 August 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/08/20250806-bundeskabinett-beschliesst-zahlreiche-gesetze-im-energiebereich.html>

³⁷³⁷ 100 days of the new Federal Government, Bundesregierung (Berlin) 7 August 2025. Access Date: 10 August 2025. <https://www.bundesregierung.de/breg-en/search/the-beginning-is-complete-2377326>

that are difficult to avoid. The plan also accelerates geothermal and offshore wind energy expansion through designated acceleration areas and streamlined authorisation processes.

On 1 October 2025, the Federal Cabinet approved the draft Hydrogen Acceleration Act to speed the rollout of hydrogen infrastructure by simplifying and digitizing permitting, shortening deadlines and declaring hydrogen projects to be of overriding public interest across the full value chain from production and imports to storage, pipelines, and terminals.³⁷³⁸ By cutting red tape and providing clearer, faster procedures, the measure aims to bring low carbon hydrogen to market sooner, support industrial decarbonisation and strengthen energy security.

Germany has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Germany has taken strong action to reduce carbon emissions in the energy, buildings, transport, industry and agriculture sectors through funding for Enerjisa and South Africa's clean energy projects, investing in Moldova's energy efficiency project for public buildings, funding for the hydrogen core network and Morocco's project to develop green ammonia to be used for climate-friendly fertilizers and the opening of a green iron plant in Namibia. Germany has also passed new energy laws to support carbon dioxide storage, accelerate geothermal projects and advance renewable energy. However, it has not taken action across six or more of the sub-parts in parts two and three of the commitment.

Thus, Germany receives a score of 0.

Analyst: Meghry Karagouzian

India: 0

India has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 28 November 2024, the National Hydroelectric Power Corporation Limited and Global Green Growth Institute signed a Memorandum of Understanding for clean energy including green hydrogen and agrivoltaics.³⁷³⁹ The memorandum outlines cooperation for research and development for renewable energy technologies and solutions, including for agriculture and investments for green projects.

On 6 December 2024, India's International Solar Alliance and the United States Agency for International Development signed a Memorandum of Understanding to advance grid interconnection.³⁷⁴⁰ This partnership seeks to expand the use of renewable energy and strengthen energy interconnections across regions, supporting the development of a unified grid. These initiatives will enhance the sustainability and reliability of energy transition technologies.

³⁷³⁸ Bundesregierung beschließt Entwurf für Wasserstoff-Beschleunigungsgesetz, Bundesministerium für Wirtschaft und Klimaschutz (Berlin) 1 October 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Artikel/Service/Gesetzesvorhaben/entwurf-eines-gesetzes-zur-beschleunigung-der-verfuegbarkeit-von-wasserstoff.html>

³⁷³⁹ NHPC Partners with GGGI to Drive Clean Energy Innovations, Ministry of Power (New Delhi) 29 November 2024. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2079047>

³⁷⁴⁰ The United States Agency for International Development and International Solar Alliance Sign MOU to Advance Grid Interconnection, U.S. Embassy and Consulates in India (New Delhi) 6 December 2024. Access Date: 29 March 2025. <https://in.usembassy.gov/the-united-states-agency-for-international-development-and-international-solar-alliance-sign-mou-to-advance-grid-interconnection>

On 10 December 2024, the Ministry of New and Renewable Energy amended the Approved Models and Manufacturers of Solar Photovoltaic Modules Order to include solar photovoltaic under the framework.³⁷⁴¹ Effective 1 June 2026, this action aims to enhance India's renewable energy industry.

On 13 December 2024, Minister for Steel and Heavy Industries, Haradanahalli Devegowda Kumaraswamy announced the adoption of a roadmap to advance green steel manufacturing in line with India's goal of achieving net zero by 2070.³⁷⁴²

On 10 January 2025, Minister of Commerce and Industry Piyush Goyal inaugurated the Bharat Cleantech Manufacturing Platform which will provide collaboration and innovation opportunities to Indian companies.³⁷⁴³ The platform is focused on developing India's clean technology supply chains for the solar, wind, hydrogen, and battery storage sectors.

On 17 January 2025, the Indian Renewable Energy Development Agency, SJVN Limited, GMR Energy Limited and the Nepal Electricity Authority finalized an agreement for a hydroelectric project in Nepal.³⁷⁴⁴ The project will have a 900 megawatts capacity, helping to advance the net zero transition.

On 24 January 2025, the Bureau of Energy Efficiency, Ministry of Power and the Energy and Resources Institute signed a Memorandum of Understanding to open a Centre of Excellence for Energy Transition.³⁷⁴⁵ The centre will conduct research on greenhouse gas emissions reductions, energy efficiency and low-carbon technologies across the mining, buildings, transport, power, industrial and enterprise sectors.

On 28 January 2025, Minister Goyal concluded a two-day trip to Oman to discuss bilateral cooperation for a number of sectors.³⁷⁴⁶ In part, he and Minister of Commerce, Industry, and Investment Promotion of Oman Qais bin Mohammed Al Yousef discussed increased cooperation for renewable energy.

On 24 February 2025, the Ministry of New and Renewable Energy's Solar Energy Corporation of India Limited and Government of Madhya Pradesh signed a Memorandum of Understanding to establish a solar project and battery storage project in Madhya Pradesh.³⁷⁴⁷ The solar project will have a capacity of up to 200 megawatts and the battery storage project will have a 1000-megawatt hour capacity.

On 3 March 2025, the Ministry of New and Renewable Energy announced five pilot projects under the National Green Hydrogen Mission.³⁷⁴⁸ These projects aim to advance 37 hydrogen-powered buses and trucks

³⁷⁴¹ MNRE Announces Significant Amendment to ALMM Order 2019 to Advance Solar Manufacturing, Ministry of New and Renewable Energy (New Delhi) 10 December 2024. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2082901>

³⁷⁴² ADOPTION OF GREEN STEEL MANUFACTURING, Ministry of Steel (New Delhi) 13 December 2024. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2084170>

³⁷⁴³ Union Minister of Commerce & Industry Shri Piyush Goyal launches Bharat Cleantech Manufacturing Platform, Ministry of Commerce and Industry (New Delhi) 11 January 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2092017>

³⁷⁴⁴ IREDA, SJVN, GMR and NEA Seal Partnership for 900 MW Upper Karnali Hydropower Project in Nepal, Ministry of New and Renewable Energy (New Delhi) 17 January 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2093649>

³⁷⁴⁵ Bureau of Energy Efficiency (BEE) and The Energy and Resources Institute (TERI) signs MoU to Establish Centre of Excellence on Energy Transition in Hyderabad, Ministry of Power (New Delhi) 24 January 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2095900>

³⁷⁴⁶ India-Oman Joint Commission Meeting held; leaders focus on enhancing bilateral cooperation in trade, investment, technology, food security and renewable energy, Ministry of Commerce and Industry (New Delhi) 28 January 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2097043>

³⁷⁴⁷ SECI signs MoU with Government of MP for 200 MW Solar Project at Dhar, Ministry of New and Renewable Energy (New Delhi) 24 February 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2105881>

³⁷⁴⁸ Pilot Projects on Hydrogen Fuelled Buses and Trucks Launched under the National Green Hydrogen Mission, Ministry of New and Renewable Energy (New Delhi) 3 March 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2107795>

and establish nine hydrogen refueling stations. The government will provide INR2.08 billion for this project over the next two years.

On 25 March 2025, Parliament passed the Finance Bill which includes India's budget allocations of the 2025 fiscal year.³⁷⁴⁹ The budget was presented by Minister for Finance and Corporate Affairs Nirmala Sitharaman on 1 February 2025 and includes INR200 billion for research and development for at least five Small Modular Reactors to advance nuclear energy, the exemption of over 50 additional capital goods used for electric vehicle and mobile batteries manufacturing and the establishment of a National Manufacturing Mission supporting energy transition technologies.³⁷⁵⁰

On 15 May 2025, India and the European Union announced two new climate initiatives under the India-EU Trade and Technology Council framework.³⁷⁵¹ The second initiative will receive EUR9.3 million in funding from the Ministry of New and Renewable Energy and EUR10 million from the EU to advance the development of hydrogen from agricultural, forestry-related, municipal, sewage and industrial biogenic wastes. This project aims to support the reduction of greenhouse gas emissions.

On 29 May 2025, NLC India Renewables Limited and Mahatma Phule Renewable Energy and Infrastructure Technology Limited signed a joint venture agreement for renewable energy in Maharashtra.³⁷⁵² The agreement outlines cooperation to develop solar, wind, hybrid, floating solar, Battery Energy Storage System, pumped storage and solar parks projects with a 2000 megawatts capacity.

On 20 June 2025, Ministry of New and Renewable Energy (MNRE) Secretary Santosh Kumar Sarangi announced the City Accelerator Program at the National Conference on Skill Development for Renewable Energy Workforce.³⁷⁵³ In collaboration with Shakti Sustainable Energy Foundation, the program aims to increase rooftop solar use in India.

On 21 June 2025, the MNRE, the National Institute of Solar Energy and StartUp India announced the launch of a start-up challenge for rooftop solar and renewable energy technologies projects.³⁷⁵⁴ The challenge aims to boost the adoption of affordable, resilient, inclusive and sustainable renewable energy. Selected applicants will receive a total of INR23 million.

On 23 June 2025, the Solar Energy Corporation of India and MNRE issued a tender to purchase green ammonia to help accelerate the reduction of carbon emissions in India's fertilizer industry.³⁷⁵⁵ Under the Strategic Interventions for Green Hydrogen Transition Scheme, the tender aims to produce and supply 724,000 tonnes of green ammonia annually.

On 4 July 2025, Minister for Coal and Mines Kishan Reddy released the Copper Vision Document at the International Conference on Sustainable and Responsible Mining through Best Mine Closure Practices,

³⁷⁴⁹ Budget Session, 2025 of Parliament adjourns sine-die, Ministry of Parliamentary Affairs (New Delhi) 4 April 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2118954>

³⁷⁵⁰ Budget 2025-2026, Government of India (New Delhi) 1 February 2025. Access Date: 29 June 2025. https://www.indiabudget.gov.in/doc/budget_speech.pdf

³⁷⁵¹ India-EU join hands to find innovative research solutions to Marine Plastic Litter and Waste to Hydrogen, Office of Principal Scientific Advisor to GoI (New Delhi) 15 May 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2128923>

³⁷⁵² NIRE and MAHAPREIT Join Hands to Establish a Green Energy, Ministry of Coal (New Delhi) 29 May 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2132384>

³⁷⁵³ Launch of the City Accelerator Program to Boost Rooftop Solar Adoption in Indian Cities, Ministry of New and Renewable Energy (New Delhi) 20 June 2025. Access Date: 7 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2138222>

³⁷⁵⁴ MNRE Launches ₹2.3 Crore Innovative Projects Start-Up Challenge to Accelerate Rooftop Solar and Distributed Renewable Energy Innovations, Ministry of New and Renewable Energy (New Delhi) 21 June 2025. Access Date: 7 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2138223>

³⁷⁵⁵ SECI's Landmark Green Ammonia tender set to decarbonize India's fertilizer sector, Ministry of New and Renewable Energy (New Delhi) 23 June 2025. Access Date: 7 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2138823>

organised by the Indian National Committee of the World Mining Congress in Hyderabad.³⁷⁵⁶ The document provides a long-term strategy to meet growing domestic demand while ensuring raw material security by focusing on scaling up secondary refining, enhancing domestic recycling and reducing dependence on open-market imports by securing overseas mineral assets through global partnerships.

On 16 July 2025, the Union Cabinet approved a special exemption for NLC India Limited (NLCIL) from existing investment guidelines for Navratna Central Public Sector Enterprises.³⁷⁵⁷ The decision allows NLCIL to invest INR70 billion in its subsidiary, NLC India Renewables Limited (NIRL) and enables NIRL to directly invest in projects or form joint ventures without prior approvals. This exemption from the 30 per cent net worth ceiling aims to accelerate NLCIL's renewable energy expansion, supporting India's target of 500 GW non-fossil fuel capacity by 2030 and its net zero emissions goal for 2070.

On 29 July 2025, the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry and Ather Energy Limited signed a Memorandum of Understanding under the Startup Policy Forum's "Build in Bharat" initiative to strengthen India's EV manufacturing and clean mobility ecosystem.³⁷⁵⁸ The partnership will support deep-tech startups through strategic mentorship, infrastructure support, joint innovation programs and skill development initiatives. It aims to accelerate India's transition to sustainable transport and create new opportunities for the manufacturing sector.

On 12 August 2025, the Cabinet Committee on Economic Affairs approved an investment proposal of INR81.46 billion for the construction of the 700 megawatts Tato-II Hydro Electric Project in Shi Yomi District of Arunachal Pradesh.³⁷⁵⁹ The project will strengthen both the state's power supply and the national grid. The project will also deliver socio-economic benefits, including 12 per cent of free power to the state, construction of essential infrastructure, local employment opportunities and community development initiatives.

On 25 August 2025, Minister of Power and Housing and Urban Affairs Manohar Lal and Japan's Minister of Economy, Trade and Industry Yoji Muto held the 11th Japan-India Energy Dialogue.³⁷⁶⁰ During the meeting, the two ministers discussed achievements and collaboration and reaffirmed intent to collaborate in the areas of clean hydrogen and ammonia through a joint declaration.

On 27 August 2025, the Ministry of Environment, Forest and Climate Change announced a 21-member National Designated Authority, headed by the Union Environment Secretary, for implementation of provisions related to carbon trading to achieve its climate targets under the Paris Agreement.³⁷⁶¹ Its work will broadly be related to greenhouse gas mitigation and carbon removal activities.

On 11 September 2025, Minister of Consumer Affairs, Food and Public Distribution of India Pralhad Joshi inaugurated the first Annual Green Hydrogen Research and Development Conference in New Delhi and

³⁷⁵⁶ Union Minister Shri G. Kishan Reddy Releases Copper Vision Document to Strengthen India's Clean Energy Infrastructure, Ministry of Mines (New Delhi) 4 July 2025. Access Date: 8 August 2025. <https://www.pib.gov.in/PressReleaseDetail.aspx?PRID=2142191>

³⁷⁵⁷ Union Cabinet Approves Investment Exemption for NLCIL to Accelerate Renewable Energy Growth, Cabinet Committee on Economic Affairs (New Delhi) 16 July 2025. Access Date: 21 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2145148>

³⁷⁵⁸ DPIIT signs MoU with Ather Energy to strengthen EV manufacturing and clean mobility ecosystem, Ministry of Commerce and Industry (New Delhi) 29 July 2025. Access Date: 21 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2149532>

³⁷⁵⁹ Cabinet approves Investment Proposal for construction of 700 MW Tato-II Hydro Electric Project in Shi Yomi District of Arunachal Pradesh with an outlay of Rs.8146.21 crore and completion period of 72 months, Ministry of Power (New Delhi) 12 August 2025. Access Date: 21 August 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2155472>

³⁷⁶⁰ The 11th Japan-India Energy Dialogue Held, Ministry of Economy, Trade and Industry (Tokyo) 25 August 2025. Access Date: 5 October 2025. https://www.meti.go.jp/english/press/2025/0825_002.html

³⁷⁶¹ India sets up National Designated Authority to implement provisions of carbon trading under Paris Agreement, The Times of India (New Delhi) 27 August 2025. Access Date: 8 October 2025. <https://timesofindia.indiatimes.com/india/india-sets-up-national-designated-authority-to-implement-provisions-of-carbon-trading-under-paris-agreement/articleshow/123549828.cms>

launched a INR1,000,000,000 Call for Proposals supporting start-ups in hydrogen innovation.³⁷⁶² The event showcased 25 start-ups and highlighted India's progress under the National Green Hydrogen Mission, including 23 research and development projects, pilot projects in ports and industries, hydrogen buses and the first green ammonia auction.

On 10 October 2025, the Ministry of New and Renewable Energy formally recognized the Deendayal Port Authority in Gujarat, V.O. Chidambaranar Port Authority in Tamil Nadu and Paradip Port Authority in Odisha as Green Hydrogen Hubs under the National Green Hydrogen Mission.³⁷⁶³ The designation will support the development of integrated hydrogen ecosystems, strategic infrastructure and innovation programs at these ports.

India has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways through several verbal commitments, such as draft policies. India has taken strong action to reduce carbon emissions across the energy, transport, industrial and agricultural sectors through partnerships for renewable energy in agriculture, clean energy projects and waste-to-green hydrogen development, funding for nuclear energy advancement, electric vehicle incentives and the creation of a National Manufacturing Mission through the annual budget, a solar and battery storage project in Madhya Pradesh, pilot projects for hydrogen-powered buses, trucks and fuelling stations and the Centre of Excellence for Energy Transition. However, it has not taken strong action to reduce greenhouse gases other than carbon.

Thus, India receives a score of 0.

Analyst: Samardeep Sandhu

Indonesia: 0

Indonesia has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 3 December 2024, Minister of Energy and Mineral Resources Bahlil Lahadalia announced that Indonesia is accelerating its use of nuclear energy as part of its commitment to diversify energy.³⁷⁶⁴ This action contributes to Indonesia's target of 23 per cent renewable energy by 2025 and ultimate goal to achieve a net zero energy sector.

On 16 December 2024, Indonesia announced a plan to construct 20 nuclear power plants to help achieve net zero emissions by 2050.³⁷⁶⁵ The government awarded a contract to ThorCon to develop a 500 megawatts nuclear facility with a Thorium Molten Salt Reactor as the first contract in this plan. It will receive an investment of USD1.06 billion.

³⁷⁶² Union Minister Pralhad Joshi inaugurates 1st Green Hydrogen R&D Conference; launches ₹100 crore Call for Proposals for Start-ups, Ministry of New and Renewable Energy (New Delhi) 11 September 2025. Access Date: 22 October 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2165811>

³⁷⁶³ Three Major Ports Recognised as Green Hydrogen Hubs under National Green Hydrogen Mission, Ministry of Ports, Shipping and Waterways (New Delhi) 10 October 2025. Access Date: 22 October 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2177591>

³⁷⁶⁴ Menteri ESDM Pastikan Nuklir Jadi Bagian Diversifikasi Energi, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 3 December 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.esdm.go.id/en/media-center/news-archives/menteri-esdm-pastikan-nuklir-jadi-bagian-diversifikasi-energi>

³⁷⁶⁵ Indonesia to build 20 nuclear power plants with first project by ThorCon, RECESSARY Industries (Taipei) 17 December 2024. Access Date: 29 June 2025. <https://www.recessary.com/en/news/indonesia-first-nuclear-power-project-thorcon>

On 20 December 2024, the Ministry of Energy and Mineral Resources unveiled regulations to support the development of Carbon Capture and Storage technology.³⁷⁶⁶ These regulations unlock various opportunities and incentives to enhance Indonesia's position as a regional hub for carbon storage.

On 3 January 2025, Minister Lahadalia announced that Indonesia's has modified its biofuel regulations to require diesel fuel to include 40 per cent palm oil-based biofuel instead of 35 per cent, as of 1 January 2025.³⁷⁶⁷ This regulation aims to reduce foreign imports of diesel while supporting the net zero transition by reducing carbon emissions by 41.46 million tonnes per year.

On 20 January 2025, the Ministry of Environment, Environmental Control Agency, the Financial Services Authority and the Indonesia Stock Exchange launched Indonesia's first carbon trade in line with Article Six of the Paris Agreement.³⁷⁶⁸ This initiative aims to incentivize greenhouse gas emissions reductions.

On 20 January 2025, President Prabowo Subianto launched 37 electricity projects based at the Jatigede Hydroelectric Power Plant.³⁷⁶⁹ The initiation of the projects was spread across 18 provinces in Indonesia, illustrating the government's commitment to green energy transition and building sustainable energy infrastructure.

On 12 February 2025, the Ministry of Energy and Mineral Resources announced cooperation with the Ministry of Energy and Natural Resources of Türkiye to accelerate clean energy development in Indonesia, including the signing of a Memorandum of Understanding.³⁷⁷⁰ This collaboration will bolster Indonesia's commitment to clean power generation.

On 6 February 2025, Minister of Investment and Downstreaming and Head of the Investment Coordinating Board Rosan Roeslani shared that President Prabowo Subianto wants to accelerate the electric vehicles supply chain to advance the net-zero transition.³⁷⁷¹ Minister Roeslani commitment to further action for this development.

On 26 February 2025, the Ministry of Energy and Mineral Resources signed a Memorandum of Understanding with the Ministry of Environment to collaborate on environmental protection, environmental management

³⁷⁶⁶ Upstream oil & gas sector welcomes newly established CCS regulation, Indonesia Business Post (Jakarta) 7 January 2025. Access date: 16 April 2025. <https://indonesiabusinesspost.com/3448/investment-and-risk/upstream-oil-gas-sector-welcomes-newly-established-ccs-regulation>

³⁷⁶⁷ Wujudkan Ketahanan Energi dan Kurangi Impor, Menteri ESDM: Mandatori B40 Berlaku 1 Januari 2025, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 3 January 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.esdm.go.id/en/media-center/news-archives/wujudkan-ketahanan-energi-dan-kurangi-impor-menteri-esdm-mandatori-b40-berlaku-1-januari-2025>

³⁷⁶⁸ PERESMIAN PERDAGANGAN KARBON LUAR NEGERI, Kementerian Lingkungan Hidup/Badan Pengendalian Lingkungan Hidup Republik Indonesia (Jakarta) 20 January 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://kemenlh.go.id/news/detail/peresmian-perdagangan-karbon-luar-negeri>

³⁷⁶⁹ Menuju Kemandirian Energi, Presiden Resmikan 37 Proyek Strategis Ketenagalistrikan 3.2 Gigawatt, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 20 January 2025. Translation provided by Google Translate. Access Date: 8 August 2025 <https://www.esdm.go.id/en/media-center/news-archives/menuju-kemandirian-energi-presiden-resmikan-37-proyek-strategis-ketenagalistrikan-32-gigawatt>

³⁷⁷⁰ Disaksikan Presiden Prabowo dan Presiden Erdogan, Menteri Bahlil Teken Kerja Sama di Sektor Energi, Ministry of Energy and Natural Resources (Jakarta) 12 February 2025. Translation provided by Google Translate. Access date: 10 May 2025. <https://www.esdm.go.id/en/media-center/news-archives/disaksikan-presiden-prabowo-dan-presiden-erdogan-menteri-bahlil-teken-kerja-sama-di-sektor-energi>

³⁷⁷¹ President seeks to expedite net-zero plan through EV push, Antara Kantor Berita Indonesia (Jakarta) 6 February 2025. Access Date: 29 June 2025. <https://en.antaranews.com/news/343973/president-seeks-to-expedite-net-zero-plan-through-ev-push>

and energy and mineral resources.³⁷⁷² This agreement will increase oil and gas lifting and aid the expedition of bureaucratic reforms.

On 10 March 2025, the National Research and Innovation Agency and PT Alam Semesta Integra signed an agreement for research and development of “microalgae-based photobioreactor technology to support renewable energy and reduce greenhouse gas (GHG) emissions.”³⁷⁷³

On 6 April 2025, Minister Lahadalia announced that he asked Indonesian company PT Perusahaan Listrik Negara to build a Geothermal Power Plant in Maluku.³⁷⁷⁴ The plant is expected to have a 40 megawatts capacity, supporting clean energy and access to energy for the country.

On 14 April 2025, the State Electricity Company PT PLN (Persero) and the Masdar signed two agreements to advance solar energy in Indonesia.³⁷⁷⁵ The agreement focuses on “floating solar power deployment” to support the clean energy transition.

On 17 April 2025, Minister of Environment and Head of the Environmental Control Agency Hanif Faisol Nurofiq and the United Kingdom’s Parliamentary Under-Secretary of State for Climate Kerry McCarthy met to discuss their commitment towards carbon neutrality in line with the Paris Agreement.³⁷⁷⁶ Indonesia highlighted its actions to strengthen the national carbon market to advance the net zero transition.

On 8 May 2025, the Ministry of Environment and Gold Standard Foundation signed an agreement to strengthen Indonesia’s carbon market.³⁷⁷⁷ This partnership will help improve the reliability and efficiency of carbon trading to help advance greenhouse gas emissions reductions.

On 9 May 2025, Minister of Industry Agus Gumiwang Kartasasmita announced that the government will expand the energy transition in the industrial sector.³⁷⁷⁸ The Ministry is preparing new regulations for green financing to support the transition with a focus on cement, metals, transportation equipment, ceramics, chemicals, food, paper, fertilizer and nickel smelters.

³⁷⁷²Kementerian ESDM dan Kementerian Lingkungan Hidup Jalin Kerja Sama Strategis Percepat Wujudkan Ketahanan Energi, Kementerian Energi dan Sumber Daya Mineral Republik Indonesia (Jakarta) 26 February 2025. Translation provided by Google Translate. Access Date: 8 August 2025 <https://www.esdm.go.id/id/media-center/arsip-berita/kementerian-esdm-dan-kementerian-lingkungan-hidup-jalin-kerja-sama-strategis-percepat-wujudkan-ketahanan-energi>

³⁷⁷³ MIKROALGA UNTUK MASA DEPAN: BRIN DAN PT ASI JALIN KERJA SAMA INOVATIF KURANGI EMISI KARBON, Kementerian Lingkungan Hidup/Badan Pengendalian Lingkungan Hidup Republik Indonesia (Jakarta) 10 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://kemenlh.go.id/news/detail/mikroalga-untuk-masa-depan-brin-dan-pt-asi-jalin-kerja-sama-inovatif-kurangi-emisi-karbon>

³⁷⁷⁴ Menteri Bahlil Minta PLN Bangun Pembangkit Geotermal 40 MW di Maluku, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 6 April 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.esdm.go.id/en/media-center/news-archives/menteri-bahlil-minta-pln-bangun-pembangkit-geotermal-40-mw-di-maluku>

³⁷⁷⁵ Masdar Deepens Indonesia Partnership with PLN to Advance Net Zero Through Floating Solar, ESG News (New York) 14 April 2025. Access Date: 29 June 2025. <https://esgnews.com/masdar-deepens-indonesia-partnership-with-pln-to-advance-net-zero-through-floating-solar/>

³⁷⁷⁶ Indonesia–Inggris Perkuat Kerja Sama Iklim dan Lingkungan: Dorong Pasar Karbon dan Transisi Energi Berkeadilan, Kementerian Lingkungan Hidup/Badan Pengendalian Lingkungan Hidup Republik Indonesia (Jakarta) 17 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://kemenlh.go.id/news/detail/indonesia-inggris-perkuat-kerja-sama-iklim-dan-lingkungan-dorong-pasar-karbon-dan-transisi-energi-berkeadilan>

³⁷⁷⁷ KLH/BPLH dan Gold Standard Foundation Sepakati Kerjasama Jadikan Pasar Karbon Lebih Kompetitif, Kementerian Lingkungan Hidup/Badan Pengendalian Lingkungan Hidup Republik Indonesia (Jakarta) 8 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://kemenlh.go.id/news/detail/klhbplh-dan-gold-standard-foundation-sepakati-kerjasama-jadikan-pasar-karbon-lebih-kompetitif>

³⁷⁷⁸ Indonesia to ease green financing for manufacturers as part of net zero roadmap, Indonesia Business Post (Jakarta) 9 May 2025. Access Date: 29 June 2025. <https://indonesiabusinesspost.com/4272/markets-and-finance/indonesia-to-ease-green-financing-for-manufacturers-as-part-of-net-zero-roadmap>

On 22 May 2025, Minister Lahadalia invited domestic and international oil and gas Production Sharing Contractors to participate in Indonesia's carbon capture and storage industry.³⁷⁷⁹ Minister Lahadalia noted that supporting regulations under the Ministry of Energy and Mineral Resources have been finalized and aid in carbon dioxide capture.

On 13 June 2025, Indonesia and Singapore signed three Memorandums of Understanding regarding renewable and sustainable energy.³⁷⁸⁰ The countries agreed to build a sustainable industrial zone in the Riau Islands and collaborate on green energy.

On 26 June 2025, President Subianto and Minister Lahadalia announced the inauguration of 55 renewable energy projects across 15 provinces.³⁷⁸¹ These projects will contribute to Indonesia's national energy supply, thereby reducing reliance on non-renewable energy sources.

On 10 July 2025, Minister Lahadalia announced Indonesia's commitment to deepen cooperation with Brazil on bioenergy, including technology transfer, joint research, and capacity building for bioethanol and other biofuels, during President Subianto's visit to Brasília.³⁷⁸² The partnership will develop joint pilots and standards, strengthen sustainable feedstock supply chains, and expand skills training. It seeks to cut transport emissions, reduce fuel imports and create opportunities for rural producers as Indonesia advances its clean energy transition.

On 26 July 2025, Indonesia reaffirmed its commitment to reaching net-zero emissions using international climate diplomacy to accelerate finance and technology cooperation.³⁷⁸³ Vice Minister Diaz Hendropriyono spoke at the Indonesia Net Zero Summit 2025 in Jakarta and highlighted active engagement in multilateral forums, support for stronger nationally determined contributions, and work with BRICS and the New Development Bank to expand funding for adaptation and low-carbon development. These actions aim to speed emission reductions, strengthen resilience, and signal Indonesia's intent to move faster on its net zero pathway.

On 14 August 2025, Indonesia took its first steps toward a 100 gigawatts solar photovoltaic build-out by deepening cooperation with Chinese manufacturers.³⁷⁸⁴ Minister of Energy and Mineral Resources Bahlil Lahadalia met Trina Solar to expand domestic solar supply chains and the national solar ecosystem, including support for the joint venture PT Trina Mas Agra Indonesia in the Kendal Special Economic Zone, which

³⁷⁷⁹ Miliki Potensi Terbesar di Asia Pasifik, Menteri ESDM Ajak Kontraktor Garap Carbon Capture, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 22 May 2025. Translation provided by Google Translate. Access Date: 9 August 2025. <https://www.esdm.go.id/en/media-center/news-archives/miliki-potensi-terbesar-di-asia-pasifik-menteri-esdm-ajak-kontraktor-garap-carbon-capture>

³⁷⁸⁰ Indonesia-Singapura Sepakat Bangun Kawasan Industri Berkelanjutan, Kementerian Energi Dan Sumber Daya Mineral (Jakarta) 13 June 2025. Translation provided by Google Translate. Access Date: 4 August 2025. <https://www.esdm.go.id/id/media-center/arsip-berita/indonesia-singapura-sepakat-bangun-kawasan-industri-berkelanjutan>

³⁷⁸¹ Presiden Prabowo dan Menteri Bahlil Resmikan 55 Proyek Energi Terbaru dan Tambahan Produksi Minyak Blok Cepu, Kementerian Energi Dan Sumber Daya Mineral (Jakarta) 26 June 2025. Translation provided by Google Translate. Access Date: 4 August 2025. <https://www.esdm.go.id/id/media-center/arsip-berita/-presiden-prabowo-dan-menteri-bahlil-resmikan-55-proyek-energi-terbaru-dan-tambahan-produksi-minyak-blok-cepu>

³⁷⁸² Dampingi Lawatan Presiden Prabowo ke Brasil, Menteri ESDM Jajaki Kerja Sama Penguatan Bioenergi, Kementerian Energi dan Sumber Daya Mineral Republik Indonesia (Jakarta) 10 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://www.esdm.go.id/id/media-center/arsip-berita/dampingi-lawatan-presiden-prabowo-ke-brasil-menteri-esdm-jajaki-kerja-sama-penguatan-bioenergi>

³⁷⁸³ Wamen LH Tunjukkan Kepemimpinan Global Indonesia dalam Diplomasi Iklim dan Komitmen Net Zero Emission, Kementerian Lingkungan Hidup (Jakarta) 26 July 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://kemenlh.go.id/news/detail/wamen-lh-tunjukkan-kepemimpinan-global-indonesia-dalam-diplomasi-iklim-dan-komitmen-net-zero-emission>

³⁷⁸⁴ Langkah Awal Realisasi PLTS 100 GW, Menteri Bahlil Temui Perusahaan Solar PV di Tiongkok, Kementerian Energi dan Sumber Daya Mineral (Jakarta) 14 August 2025. Translation provided by Google Translate. Access Date: 30 August 2025. <https://www.esdm.go.id/id/media-center/arsip-berita/langkah-awal-realisasi-plts-100-gw-menteri-bahlil-temui-perusahaan-solar-pv-di-tiongkok>

operates at one gigawatt and plans to reach 3 gigawatts within two to three years. This effort aims to cut import dependence, speed deployment of utility-scale and village-level solar and strengthen energy security.

On 16 September 2025, Indonesia signed a Mutual Recognition Agreement with the Global Carbon Council and Plan Vivo Foundation and announced cooperation with Gold Standard, to align Indonesia's greenhouse gas reduction certificates with leading international standards.³⁷⁸⁵ The step strengthens the integrity and interoperability of Indonesia's carbon market, supports emission reductions toward its 2030 targets and builds a credible pathway for Indonesian projects to access global voluntary carbon markets.

Indonesia has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Indonesia has taken strong action to reduce carbon emissions in the energy sector through a nuclear contract with ThorCon, Geothermal Power Plant in Maluku, solar energy agreements with Masdar and the launch of its carbon trading market. It has also taken weak action to advance greenhouse gas emissions reductions in various sectors through discussions with the United Kingdom, commitment to accelerating electric vehicles supply chains, agreement with Türkiye and modifications to its biofuel and Carbon Capture and Storage regulations.

Thus, Indonesia receives a score of 0.

Analysts: Candace Sara Ciju and Tara Van de Wall

Italy: 0

Italy has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 22 November 2024, the Ministry of the Environment and Energy Security (MASE) announced a call for project proposals aimed at advancing electricity for at least 230,000 residents in Italy.³⁷⁸⁶ The government will provide a total of EUR393,156,440.30 for this initiative, with a focus on increasing electricity through renewable energy to advance the net zero transition.

On 26 November 2024, MASE presented the National Hydrogen Strategy which focuses on low-carbon hydrogen and decarbonization in various sectors including industry, transport and energy.³⁷⁸⁷ The strategy focuses on achieving net zero by 2050 through a transition towards renewable energy, development of Carbon Capture Storage, biofuel, biomethane, hydrogen and potentially nuclear.

On 29 November 2024, MASE and the Jordanian Renewable Energy and Energy Efficiency Fund's Joint Committee approved two solar thermal projects.³⁷⁸⁸ The first project will receive EUR3.1 million from the Ministry of Environment and Energy Security to advance energy efficiency through solar energy in 33 public hospitals. The second project will receive EUR3.7 million from the ministry to improve efficiency through solar in residential buildings, with a focus on low-income families.

³⁷⁸⁵ Indonesia Teguhkan Kepemimpinan Perdagangan Karbon Global, KLH/BPLH Tanda Tangan MRA dengan GCC dan Plan Vivo Foundation, Kementerian Lingkungan Hidup / Badan Pengendalian Lingkungan Hidup (Jakarta) 16 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://kemenlh.go.id/news/detail/indonesia-teguhkan-kepemimpinan-perdagangan-karbon-global-klhbplh-tanda-tangani-mra-dengan-gcc-dan-plan-vivo-foundation-1>

³⁷⁸⁶ PNRR Missione 7 REPowerEU Investimento 1 - Misura rafforzata: Rafforzamento smart grid, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 22 November 2024. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.mase.gov.it/portale/-/pnrr-missione-7-repower-eu-investimento-1-misura-rafforzata-rafforzamento-smart-grid>

³⁷⁸⁷ Idrogeno: presentata la Strategia Nazionale, più scenari per la sua diffusione, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 26 November 2024. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.mase.gov.it/portale/-/idrogeno-presentata-la-strategia-nazionale-piu-scenari-per-la-sua-diffusione>

³⁷⁸⁸ Comitato Congiunto Italia-Giordania, quasi 7 milioni dal MASE per due progetti di transizione energetica, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 2 December 2024. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.mase.gov.it/portale/-/comitato-congiunto-italia-giordania-quasi-7-milioni-dal-mase-per-due-progetti-di-transizione-energetica>

On 13 December 2024, Prime Minister Giorgia Meloni chaired the closing meeting of Italy's G7 Presidency.³⁷⁸⁹ During the meeting, she reiterated Italy's commitment to green energy development through the Energy for Growth in Africa initiative. The program supports the implementation of infrastructure for the production and distribution of renewable energy, contributing to the expansion of energy transition technologies.

On 14 January 2025, Minister of Environment and Energy Security Gilberto Pichetto and Minister of Energy of Saudi Arabia, Abdulaziz Bin Salman Al-Saud signed a Memorandum of Understanding for energy.³⁷⁹⁰ The countries will collaborate to advance the energy transition and energy security through the advancement of renewable energy, decreasing methane emissions, carbon capture and storage and supporting supply chain projects in developing countries.

On 15 January 2025, Prime Minister Meloni visited Abu Dhabi and participated in the signing of a trilateral agreement between Italy, the United Arab Emirates and Albania for the development and export of renewable electricity from Albania to Italy.³⁷⁹¹ The agreement involves the construction of an undersea power cable, contributing to regional integration and strengthening Italy's infrastructure for clean energy.

On 21 January 2025, Italy, Germany, Austria, Algeria and Tunisia signed a Joint Declaration of Intent to develop the Southern Hydrogen Corridor.³⁷⁹² This initiative aims to establish a 3,500-4,000-kilometre pipeline transporting renewable hydrogen from North Africa to Europe and is expected to deliver up to 163 terawatt-hours of hydrogen annually to Europe.

On 26 January 2025, CEO of Italy's Investment Bank Cassa Depositi e Prestiti (CDP) Dario Scannapieco signed a protocol with the Saudi Fund for Development and a second protocol with ACWA Power.³⁷⁹³ These agreements include a focus on renewable energy initiatives in Africa.

On 30 January 2025, the Ministry for the Environment and Energy Security (MASE), Comatito Italiano Gas and Gruppo Hera signed a protocol to launch pilot projects for hydrogen use in civil applications.³⁷⁹⁴ By integrating green hydrogen into heating, cooking and small industrial processes, this collaboration aims to reduce carbon emissions from the built environment and accelerate Italy's transition to a low-carbon energy system.

³⁷⁸⁹ President Meloni chairs G7 leaders' meeting: focus on Ukraine, Middle East, Venezuela and handover, Governo Italiano (Rome) 13 December 2024. Access Date: 8 May 2025. <https://www.governo.it/en/articolo/president-meloni-chairs-g7-leaders-meeting-focus-ukraine-middle-east-venezuela-and-handover>

³⁷⁹⁰ Energia: firmato a Riad un memorandum tra Italia e Arabia Saudita, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 14 January 2025. Translation provided by Google Translate. Access Date: 23 June 2025. https://www.mase.gov.it/portale/-/energia-firmato-a-riad-un-memorandum-tra-italia-e-arabia-saudita?p_i_back_url=%2Fportale%2Fcomunicati-stampa%3Fdelta%3D30%26start%3D2

³⁷⁹¹ President Meloni visits United Arab Emirates, Governo Italiano (Rome) 15 January 2025. Access Date: 8 May 2025. <https://www.governo.it/en/articolo/president-meloni-visits-united-arab-emirates/27489>

³⁷⁹² Joint political declaration of intent to develop the Southern Hydrogen Corridor, Bundesministerium für Wirtschaft und Energie (Rome) 21 January 2025. Access Date: 16 April 2025. <https://www.bmwk.de/Redaktion/EN/Pressemitteilungen/2025/01/20250121-joint-political-declaration-of-intent-develop-southern-hydrogen-corridor.html>

³⁷⁹³ CDP a Riad, firmati accordi su rinnovabili e infrastrutture, Cassa Depositi e Prestiti S.p.A. (Rome) 27 January 2025. Translation provided by Google Translate. Access Date: 29 June 2025.

https://www.cdp.it/sitointernet/page/it/cdp_a_riad_firmati_accordi_su_rinnovabili_e_infrastrutture?contentId=PRG86
³⁷⁹⁴ Energia: protocollo MASE - CIG - Gruppo Hera per sperimentare idrogeno in uso civile, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 30 January 2025. Translation provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/portale/-/energia-protocollo-mase-cig-gruppo-hera-per-sperimentare-idrogeno-in-uso-civile>

On 12 February 2025, Minister Pichetto announced a cooperative climate and energy framework between Italy and Kurdistan.³⁷⁹⁵ This joint development promotes knowledge transfer of carbon reduction strategies and supports regional decarbonization efforts.

On 21 February 2025, MASE announced EUR38 million in funding for innovative renewable energy projects in Italy.³⁷⁹⁶ These include projects that combine energy plants with carbon storage facilities and projects that encourage “self-consumption of energy.”

On 24 February 2025, Minister Pichetto signed two strategic agreements with the United Arab Emirates.³⁷⁹⁷ The first agreement supports bilateral cooperation on hydrogen, decarbonization and renewable energy.

On 24 February 2025, CDP and the United Arab Emirates signed three agreements to cooperate for renewable energy and waste management projects in Africa.³⁷⁹⁸ These agreements aim to advance the Mattei Plan for Africa.

On 27 February 2025, MASE brought the “FER-X Transitorio” decree into force.³⁷⁹⁹ This will establish a provisional support mechanism for renewable energy plants such as solar photovoltaic, wind, hydroelectric and biogas from wastewater treatment through both direct access incentives for installations up to one megawatt and competitive auctions for larger projects. By guaranteeing market-near cost support and simplifying access procedures, the decree accelerates the deployment of clean power capacity, directly reducing greenhouse gas emissions and advancing Italy’s transition to a low-carbon energy system.

On 13 March 2025, MASE announced that it will provide EUR232 million for energy sustainability in Italian cities beginning on 8 April 2025.³⁸⁰⁰ This will support projects to advance renewable energy, reduce consumption and finance “photovoltaic and solar thermal systems, heat pumps, relamping systems, high-efficiency fixtures and hybrid solutions” in public buildings.

On 31 March 2025, MASE announced a pilot program to blend up to 20 per cent green hydrogen into residential natural gas networks and launch innovative experimentation sites across select municipalities.³⁸⁰¹ This action aims to reduce carbon emissions from residential heating and cooking, advance low-carbon gas solutions and pave the way for wider deployment of hydrogen as a clean energy carrier.

³⁷⁹⁵ Clima - Energia: il ministro Pichetto al Forum Economico Kurdistan-Italia, "opportunità per rafforzare cooperazione", Ministry of the Environment and Energy Security (Rome) 12 February 2025. Translation Provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/portale/-/clima-energia-il-ministro-pichetto-al-forum-economico-kurdistan-italia-quot-opportunita-per-rafforzare-cooperazione->

³⁷⁹⁶ Energia: da MASE 38 milioni a Regioni per “progetti esemplari” su rinnovabili, anche CER, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 21 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.mase.gov.it/portale/-/energia-da-mase-38-milioni-a-regioni-per-progetti-esemplari-su-rinnovabili-anche-cer>

³⁷⁹⁷ Italia – Emirati: Pichetto sigla due accordi strategici in settore energetico e minerali critici, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 24 February 2025. Translation provided by Google Translate. Access Date: 8 May 2025. <https://www.mase.gov.it/comunicati/italia-emirati-pichetto-sigla-due-accordi-strategici-settore-energetico-e-minerali>

³⁷⁹⁸ Sostegno a imprese, rinnovabili e idrico: tre nuovi accordi con Emirati Arabi Uniti, Cassa Depositi e Prestiti S.p.A. (Rome) 25 February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.cdp.it/sitointernet/page/it/sostegno_a_imprese_rinnovabili_e_idrico_tre_nuovi_accordi_con_emirati_arabi_uniti?contentId=PRG50147

³⁷⁹⁹ Rinnovabili: entra in vigore il decreto FER X transitorio, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 27 February 2025. Translation provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/comunicati/rinnovabili-entra-vigore-il-decreto-fer-x-transitorio>

³⁸⁰⁰ Energia: MASE, 232 milioni per i comuni con l’avviso C.S.E. 2025, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 13 March 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.mase.gov.it/portale/-/energia-mase-232-milioni-per-i-comuni-con-l-avviso-c.s.e.-2025>

³⁸⁰¹ Idrogeno: Pichetto, miscela gas-idrogeno a uso residenziale è sperimentazione innovativa, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 31 March 2025. Translation provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/comunicati/idrogeno-pichetto-miscela-gas-idrogeno-uso-residenziale-e-sperimentazione-innovativa>

On 7 April 2025, MASE announced a call for project proposals aimed at technological innovation for renewable energy and clean hydrogen.³⁸⁰² Selected projects will receive a total of EUR200 million for “non-programmable renewable sources, flexibility and energy storage, data and digitalization of networks, electrolyzers and networks, biohydrogen and biofuels” to advance the net zero transition within the industrial and economic sectors.

On 4 May 2025, President of the CDP Giovanni Gorno Tempini and Vice President of the Asian Development Bank Roberta Casali signed a Memorandum of Understanding to develop co-financing for climate change, sustainable in the agri-food sector, the blue economy and other related topics.³⁸⁰³ CDP’s Director for International Development Cooperation Paolo Lombardo and Executive Vice President of Corporate Finance of Indonesia’s State Electricity Company PT PLN (Persero) Maya Rani Puspita also signed a Memorandum of Understanding under the Just Energy Transition Partnership framework to advance Indonesia’s energy transition.

On 16 May 2025, MASE announced two G7-backed initiatives in partnership with the United Nations Development Programme Rome Centre to promote sustainable energy and climate adaptation in Africa.³⁸⁰⁴ These efforts are designed to increase clean energy access, build adaptive capacity against climate impacts and drive greenhouse gas reductions across the region.

On 20 May 2025, MASE approved the operational rules governing expressions of interest and participation in competitive calls under the Renewable Energy Facility (FER-X).³⁸⁰⁵ These rules establish clear procedures and eligibility criteria for project developers to bid on grants and incentives aimed at deploying new renewable energy installations. By streamlining the competitive process, FER-X is set to accelerate the addition of clean power capacity, such as solar and wind projects across the country, directly contributing to the reduction of greenhouse gas emissions.

On 27 May 2025, the French Development Agency (AFD), representing itself, the CDP, Germany’s KfW Development Bank, the Japan International Cooperation Agency, Proparco and the European Investment Bank, signed a Memorandum of Understanding with Viet Nam Electricity, committing up to EUR480 million to support the construction of a 1200 megawatts Pumped Storage Hydropower project in Vietnam.³⁸⁰⁶ The EU will also provide EUR10 million in technical assistance for the project, managed by the AFD. The project aims to increase the integration of renewable energy in Vietnam’s energy grid.

On 29 May 2025, MASE announced that the Italian Climate Fund will provide EUR100 million in funding to support decarbonization and sustainability initiatives in Tashkent, Uzbekistan.³⁸⁰⁷ This funding will be available as policy-based financing with a goal of accelerating the green transition in the economy.

³⁸⁰² Mission Innovation 2.0: cinque bandi MASE da 200 milioni per ricerca e innovazione, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 7 April 2025. Translation provided by Google Translate. Access Date: 23 June 2025.

³⁸⁰³ Cambiamento climatico, alimentazione e transizione energetica: al via nuovi progetti in Asia-Pacifico, Cassa Depositi e Prestiti S.p.A. (Rome) 5 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.cdp.it/sitointernet/page/it/cambiamento_climatico_alimentazione_e_transizione_energetica_al_via_nuovi_progetti_in_asia_pacifico

³⁸⁰⁴ Clima: MASE, avanti su energia sostenibile e adattamento in Africa, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 16 May 2025. Translation provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/portale/-/clima-mase-avanti-su-energia-sostenibile-e-adattamento-in-africa>

³⁸⁰⁵ FER-X: MASE, approvate le regole operative per le manifestazioni di interesse e la partecipazione alle procedure competitive, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 20 May 2025. Translation provided by Google Translate. Access Date: 22 May 2025. <https://www.mase.gov.it/portale/-/fer-x-mase-approvate-le-regole-operative-per-le-manifestazioni-di-interesse-e-la-partecipazione-alle-procedure-competitive>

³⁸⁰⁶ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

³⁸⁰⁷ Dal Fondo Italiano per il Clima nuovo accordo da 100 milioni per la transizione verde dell’economia dell’Uzbekistan, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 29 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.mase.gov.it/portale/-/dal-fondo-italiano-per-il-clima-nuovo-accordo-da-100-milioni-per-la-transizione-verde-dell-economia-dell-uzbekistan>

On 13 June 2025, Minister Pichetto announced that Italy was appointed as Chair of the Clean Energy Ministerial Biofuture Platform, a multilateral initiative promoting the global use of sustainable biofuels.³⁸⁰⁸ Minister Pichetto stated that Italy will lead efforts to expand biofuels across sectors, including road transport, through international cooperation and science-based policies.

On 16 June 2025, Minister Pichetto announced that Italy officially joined the EU Nuclear Alliance during a meeting held on the sidelines of the Energy Council in Luxembourg.³⁸⁰⁹ Minister Pichetto stated that this decision aligns with Italy's strategy to reassess the role of nuclear energy as a decarbonised, reliable and programmable energy source.

On 16 June 2025, Minister Pichetto stated that Italy considers biofuels "one of the cornerstones of our climate strategy for reducing emissions also in road transport."³⁸¹⁰ Minister Pichetto added that Italy is pursuing a science-based approach and intends to work with the European Commission to establish effective compliance tools across the biofuel supply chain.

On 17 June 2025, Minister Pichetto stated that Italy supports flexibility in meeting the 2040 decarbonisation target, including allowing reductions from projects carried out in third countries to count towards the target.³⁸¹¹ Minister Pichetto added that such flexibility is essential to ensure the feasibility and credibility of the commitment.

On 30 June 2025, MASE approved a draft law which aims to establish a legislative framework that regulates carbon capture and storage, the governance in the hydrogen sector, and the implementation of the EU Regulation 2024/1787 on methane emissions.³⁸¹² Minister Pichetto stated that this step is crucial to achieving carbon neutrality, and a "clear regulatory framework" is essential for complex industrial sectors to decarbonize.

On 9 July 2025, MASE announced that EUR379 million will be allocated to selected investment projects aimed at increasing the share of renewable energy within the national transmission network.³⁸¹³ This public notice by MASE encourages the construction of new smart grids or upgrades to existing ones in Basilicata, Calabria, Campania, Molise, Puglia, Sardinia and Sicily.

On 9 July 2025, MASE announced that its Investment Support and Technical Assistance Platform, developed with the United Nations Development Programme Rome Centre for Climate and Energy Transition, was recognised in the "Seville Compromise for Action" as a preferred vehicle for Multilateral Development Banks

³⁸⁰⁸ L'Italia nominata Presidente dell'iniziativa multilaterale CEM Biofuture Platform, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 13 June 2025. Translation provided by Google Translate. Access Date: 27 June 2025. https://www.mase.gov.it/portale/-/l-italia-nominata-presidente-dell-iniziativa-multilaterale-cem-biofuture-platform?p_l_back_url=%2Fportale%2Fweb%2Fguest%2Fcomunicati-stampa

³⁸⁰⁹ L'Italia aderisce all'Alleanza UE sul nucleare, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 16 June 2025. Translation provided by Google Translate. Access Date: 27 June 2025. https://www.mase.gov.it/portale/-/l-italia-aderisce-all-alleanza-ue-sul-nucleare?p_l_back_url=%2Fportale%2Fweb%2Fguest%2Fcomunicati-stampa

³⁸¹⁰ Biocarburanti: Pichetto al Consiglio Energia Ue, "per Italia punto fermo nella strategia climatica", Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 16 June 2025. Translation provided by Google Translate. Access Date: 27 June 2025. https://www.mase.gov.it/portale/-/biocarburanti-pichetto-al-consiglio-energia-ue-per-italia-punto-fermo-nella-strategia-climatica?p_l_back_url=%2Fportale%2Fweb/guest/comunicati-stampa

³⁸¹¹ Clima: Pichetto, percorso ambizioso e realistico verso COP30, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 17 June 2025. Translation provided by Google Translate. Access Date: 26 June 2025. <https://www.mase.gov.it/portale/-/clima-pichetto-percorso-ambizioso-e-realistico-verso-cop30>

³⁸¹² Energia: MASE, ok da CDM a schema legge delega su CCS, idrogeno ed emissioni di metano, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 30 June 2025. Translation provided by Google Translate. Access Date: 4 September 2025. https://www.mase.gov.it/portale/-/energia-mase-ok-da-cdm-a-schema-legge-delega-su-ccs-idrogeno-ed-emissioni-di-metano?p_l_back_url=%2Fportale%2Fricerca%3F%3Dmetano

³⁸¹³ MASE, Avviso pubblico da 379 milioni per la selezione di progetti di investimento sulla rete elettrica di trasmissione nazionale (RTN) nelle regioni meno sviluppate, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 9 July 2025. Translation provided by Google Translate. Access Date: 4 August 2025. https://www.mase.gov.it/portale/-/mase-avviso-pubblico-da-379-milioni-per-la-selezione-di-progetti-di-investimento-sulla-rete-elettrica-di-trasmissione-nazionale-rtn-nelle-regioni-meno-sviluppate?p_l_back_url=%2Fportale%2Fweb%2Fguest%2Farchivio-notizie-1

to support low-carbon and climate-resilient economies in developing countries.³⁸¹⁴ The platform is designed to mobilize investment and provide technical assistance for sustainable infrastructure, including high-impact climate projects and will be strengthened to attract additional funding and expertise.

On 9 July 2025, MASE issued a public notice for investment projects in the national electricity transmission grid in less-developed regions.³⁸¹⁵ The notice allocates EUR379 million under Action 2.3.2 - “Modernization and digitalization of the transmission grid”. The funding is targeted at Terna, the grid concessionaire, to build new transmission lines and upgrade existing infrastructure in regions such as Basilicata, aimed at enabling smart grid integration of distributed renewable energy generation. This action supports sustained reductions in greenhouse gas emissions in the energy sector.

On 17 July 2025, MASE published new operating rules to expand access to National Recovery and Resilience Plan funding for Renewable Energy Communities and collective self-consumption, extending eligibility to projects in municipalities of up to fifty thousand inhabitants.³⁸¹⁶ The updated rules clarify eligibility criteria and streamline procedures for capital grant applications. This action supports sustained reductions in greenhouse gas emissions in the energy sector.

On 29 July 2025, Minister Pichetoo signed a decree to amend the “Energy Release” mechanism following the approval from the EU Commission.³⁸¹⁷ Previously enacted in 2024, the mechanism allows industrial sectors with high energy consumption to receive an “advance payment of energy at a controlled price”, in return for a commitment to develop renewable plants that will repay the energy over the next twenty years. The new decree introduces a competition within energy-intensive companies and hopes to “maintain the economic sustainability of the operation for beneficiaries”.

On 30 July 2025, Deputy Minister of Environment and Energy Security Vannia Gava announced that the Unified Conference approved both the FER X decree providing incentives for renewable energy systems and updated minimum energy performance criteria for buildings, encouraging renewables and electric vehicle charging infrastructure.³⁸¹⁸ The measures align regulatory frameworks with the energy and buildings sectors to promote clean energy deployment and efficiency improvements.

On 5 August 2025, Deputy Minister Gava announced that the Unified Conference approved the Thermal Account 3.0, allocating EUR900 million annually to support energy efficiency and renewable energy in public

³⁸¹⁴ Finanza per lo Sviluppo: la piattaforma PISTA diviene veicolo preferenziale per Banche Multilaterali, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 9 July 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/finanza-per-lo-sviluppo-la-piattaforma-pista-diviene-veicolo-preferenziale-per-banche-multilaterali>

³⁸¹⁵ MASE, Avviso pubblico da 379 milioni per la selezione di progetti di investimento sulla rete elettrica di trasmissione nazionale (RTN) nelle regioni meno sviluppate, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 9 July 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/mase-avviso-pubblico-da-379-milioni-per-la-selezione-di-progetti-di-investimento-sulla-rete-elettrica-di-trasmissione-nazionale-rtn-nelle-regioni-meno-sviluppate>

³⁸¹⁶ Energia: dal MASE nuove regole operative per CER e autoconsumo per l'accesso ai contributi PNRR, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 17 July 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/energia-dal-mase-nuove-regole-operative-per-cer-e-autoconsumo-per-l-accesso-ai-contributi-pnrr>

³⁸¹⁷ Energy Release 2.0 : firmato il decreto dopo il via libera della Commissione UE, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 29 July 2025. Translation provided by Google Translate. Access Date: 4 September 2025. https://www.mase.gov.it/portale/-/energy-release-2.0-firmato-il-decreto-dopo-il-via-libera-della-commissione-ue?p_l_back_url=%2Fportale%2Fricerca%3Fr%3Denergy%2Brelease%2B

³⁸¹⁸ Energia: intesa in Conferenza Unificata su FER X e criteri minimi edifici . Gava, “Spinta concreta alla transizione”, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 30 July 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/energia-intesa-in-conferenza-unificata-su-fer-x-e-criteri-minimi-edifici-.gava-spinta-concreta-alla-transizione->

and non-residential buildings.³⁸¹⁹ The program covers 65 per cent to 100 per cent of eligible costs for measures including thermal insulation, heat pumps, solar thermal systems and electric mobility infrastructure. This action supports deep and sustained reductions in greenhouse gas emissions in the buildings sector.

On 6 August 2025, MASE published a study on carbon capture, use and storage (CCUS) to support framework regulation and development of the national supply chain.³⁸²⁰ The study provides a regulatory review, cost analysis, mapping of potential users and exploratory lines for future developments, laying the technical groundwork to enable CCUS sector growth in line with decarbonisation objectives set out in the National Integrated Climate and Energy Plan. This action supports sustained and deep reductions in greenhouse gas emissions in the energy and “hard-to-abate” sectors.

On 8 August 2025, MASE adopted a decree regulating non-repayable incentives for the purchase of electric vehicles, funded with EUR597 million from the National Recovery and Resilience Plan.³⁸²¹ The measure targets individuals and microbusinesses in urban areas with over 50,000 inhabitants, requiring the scrapping of a Euro 5 or older combustion vehicle. The initiative aims to accelerate the transition to zero-emission mobility and reduce urban pollution.

On 12 September 2025, MASE, the Ministry of Business and Made in Italy and the Ministry of Infrastructure and Transport jointly signed a Prime Ministerial Decree to phase out coal in Sardinia.³⁸²² The decree identifies priority projects and infrastructure to advance the island’s decarbonization, including the expansion of renewable energy generation, the installation of energy storage systems and the strengthening of electricity interconnections with the mainland and Sicily. These actions contribute to sustained reductions in greenhouse gas emissions in the energy and industry sectors in alignment with Italy’s National Integrated Energy and Climate Plan.

On 18 September 2025, Minister Pichetto reaffirmed Italy’s commitment to achieving emission reductions through a principle of technological neutrality during the EU Environment Council in Brussels.³⁸²³ Minister Pichetto emphasized that all technologies contributing to emission reduction including renewables, nuclear, storage, carbon capture and storage, carbon capture and utilization, geothermal, hydroelectric and sustainable biofuels must remain part of the European transition framework. The statement supports a science-based approach to decarbonization, enabling sustained reductions in greenhouse gas emissions across multiple sectors.

³⁸¹⁹ Via libera al Conto Termico dalla Conferenza Unificata. Gava: “Decarbonizziamo patrimonio edilizio nazionale”, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 5 August 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/via-libera-al-conto-termico-dalla-conferenza-unificata.-gava-decarbonizziamo-patrimonio-edilizio-nazionale-1>

³⁸²⁰ Energia: MASE pubblica studio su Cattura e Stoccaggio di Carbonio, per quadro normativo e sviluppo filiera, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 6 August 2025. Translation provided by Google Translate. Access Date: 8 August 2025. <https://www.mase.gov.it/portale/-/energia-mase-pubblica-studio-su-cattura-e-stoccaggio-di-carbonio-per-quadro-normativo-e-sviluppo-filiera-documento-contiene-ricognizione-normativa-analisi-costi-mappatura-potenziali-utilizzatori-e-potenziali-linee-evolutivexf>

³⁸²¹ MASE, al via nuovi incentivi per l’acquisto di veicoli a zero emissioni per una transizione sostenibile, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 8 August 2025. Translation provided by Google Translate. Access Date: 21 August 2025. https://www.mase.gov.it/portale/-/pnrr-mase-al-via-nuovi-incentivi-per-l-acquisto-di-veicoli-a-zero-emissioni-per-una-transizione-sostenibile?p_l_back_url=%2Fportale%2Fweb%2Fguest%2Fcomunicati-stampa

³⁸²² Energia: firmato DPCM Mase-Mimit-Mit per il superamento del carbone in Sardegna, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 12 September 2025. Translation provided by Google Translate. Access Date: 8 October 2025. <https://www.mase.gov.it/portale/-/energia-firmato-dpcm-mase-mimit-mit-per-il-superamento-del-carbone-in-sardegna>

³⁸²³ Il ministro Pichetto al Consiglio Ambiente UE, neutralità tecnologica per rafforzare l’Unione, Ministero dell’Ambiente e della Sicurezza Energetica (Rome) 18 September 2025. Translation provided by Google Translate. Access Date: 8 October 2025. <https://www.mase.gov.it/portale/-/il-ministro-pichetto-al-consiglio-ambiente-ue-neutralita-tecnologica-per-rafforzare-l-unione>

On 18 September 2025, MASE and the Western Sicilian Sea Port System Authority organized a national event in Palermo focused on the inclusion of the maritime sector in the European Emissions Trading System.³⁸²⁴ The event gathered national and European experts to discuss the new regulatory framework and funding opportunities under the Innovation Fund to support decarbonization projects. This initiative promotes emission reductions in the transport sector by integrating maritime operations into carbon pricing mechanisms.

On 25 September 2025, Deputy Minister of the Environment and Energy Security Vannia Gava reaffirmed Italy's commitment to accelerating the global clean energy transition during the United Nations General Assembly in New York.³⁸²⁵ Deputy Minister Gava highlighted Italy's collaboration with the International Energy Agency (IEA) to strengthen cooperation on digitalization for energy efficiency and greener systems. She emphasized the central role of the 3DEN initiative, promoted by MASE with the IEA and UNEP, in supporting developing countries to decarbonize and modernize their energy systems through digital technologies. The initiative finances innovative projects that make energy systems more flexible, resilient and low carbon, contributing to emission reductions and lower costs for consumers.

On 10 October 2025, CDP joined other members of Team Europe in signing a joint declaration on energy security during the Global Gateway Forum in Brussels.³⁸²⁶ Promoted by the European Commission, the declaration supports the ASEAN Power Grid, a regional initiative aimed at enhancing grid efficiency, expanding renewable energy capacity and strengthening electricity security across Southeast Asia.

On 30 October 2025, Minister Gava announced that EUR75 million in finance will be allocated towards more than 400 projects in the CSE 2025 – Comuni per la Sostenibilità e l'Efficienza Energetica.³⁸²⁷ This funding will support additional energy projects aimed at enhancing the efficiency of public buildings and reducing energy consumption, thereby improving service quality and promoting the environmental sustainability of communities.

Italy has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Italy has taken strong action to reduce carbon emissions in the energy, buildings, transport, agriculture and industry sectors through funding for clean electricity projects in Italy, two solar thermal projects with Jordan, co-financing with the African Development Bank for low-carbon growth and sustainable farming, trilateral cooperation to construct an undersea power cable to ensure energy connectivity, funding for energy sustainability in public buildings, carbon storage and technological innovation for renewable energy and clean hydrogen in the industrial and business sectors. Italy has also taken less strong action to reduce methane emissions through mentions of biomethane in its National Hydrogen Strategy and a Memorandum of Understanding with Saudi Arabia to decrease methane emissions. However, it has not taken strong action across most of parts two and three of the commitment.

³⁸²⁴ Inclusionione del settore marittimo in EU ETS - Prospettive e opportunità per la decarbonizzazione - Palermo, 18-19 settembre 2025, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 18 September 2025. Translation provided by Google Translate. Access Date: 8 October 2025. <https://www.mase.gov.it/portale/-/inclusionione-del-settore-marittimo-in-eu-ets-prospettive-e-opportunita-per-la-decarbonizzazione-palermo-18-19-settembre-2025>

³⁸²⁵ UNGA 80, il Viceministro Gava a New York partecipa ai dialoghi su transizione energetica e al summit sul clima, Ministero dell'Ambiente e della Sicurezza Energetica (New York) 25 September 2025. Translation provided by Google Translate. Access Date: 22 October 2025. https://www.mase.gov.it/portale/-/unga-80-il-viceministro-gava-a-new-york-partecipa-ai-dialoghi-su-transizione-energetica-e-al-summit-sul-clima?p_i_back_url=%2Fportale%2Fweb%2Fguest%2Farchivio-notizie-1

³⁸²⁶ Sud-est asiatico: CDP tra i firmatari della dichiarazione congiunta per la sicurezza energetica, Cassa Depositi e Prestiti (Rome) 10 October 2025. Translation provided by Google Translate. Access Date: 22 October 2025. https://www.cdp.it/sitointernet/page/it/sud_est_asiatico_cdp_tra_i_firmatari_dichiarazione_congiunta_per_sicurezza_energetica?contentId=PRG52236

³⁸²⁷ CSE 2025, Gava: "Oltre 75 milioni di euro per nuovi interventi di efficienza energetica nei Comuni", Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 30 October 2025. Translation provided by Google Translate. Access Date: 9 November 2025. https://www.mase.gov.it/portale/-/cse-2025-gava-oltre-75-milioni-di-euro-per-nuovi-interventi-di-efficienza-energetica-nei-comuni-?p_i_back_url=%2Fportale%2Fweb%2Fguest%2Farchivio-notizie-1

Thus, Italy receives a score of 0.

Analysts: Divya Gupta and Harleen Kaur

Japan: +1

Japan has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 26 November 2024, Minister for Foreign Affairs Miyaji Takuma attended the Ministerial Conference on Nuclear Science, Technology and Applications and the Technical Cooperation Programme.³⁸²⁸ The conference discussed the use of nuclear science in various areas, including addressing climate change, where State Minister Miyaji expressed hope to work with Ghana Special Envoy on Climate Change Kwaku Afriyie in the field of nuclear energy.

On 29 November 2024, the Cabinet allocated JPY11.175 billion to converting buildings to zero-emissions buildings, promoting decarbonization in commercial buildings and improving energy efficiency and management in its supplementary budget for fiscal year 2024.³⁸²⁹ The budget was approved by Parliament on 17 December 2024.

On 4 December 2024, Minister of Economy, Trade and Industry Muto Yoji, Minister for Energy, Business and Industry and Deputy Prime Minister of Sweden Ebba Busch signed a Memorandum of Cooperation on Energy and Innovation Cooperation and discussed further collaboration in green transformation and the nuclear power field.³⁸³⁰

On 20 December 2024, Minister Muto attended the Association of Southeast Asian Nations-Japan Economic Co-Creation Forum hosted by the Ministry of Economy, Trade and Industry.³⁸³¹ Participants at the meeting discussed energy transitions and decarbonization in the automobile industry.

On 24 December 2024, Japan and the United States agreed to strengthen cooperation in the development and deployment of advanced clean energy technologies.³⁸³² This includes floating offshore wind, clean hydrogen and derivatives such as ammonia and synthetic fuels, carbon capture and recycling and small modular reactors. Japan also committed to collaborate on resilient mineral supply chains and methane emission reductions in the Indo-Pacific. Japan and the United States also co-hosted a session involving private sector representatives to boost public-private collaboration in the energy transition. Participants exchanged views on emerging clean energy markets, including synthetic methane and hydrogen, to meet the growing demand for clean electricity in the digital age.

³⁸²⁸ Attendance of State Minister for Foreign Affairs Miyaji at the Ministerial Conference on Nuclear Science, Technology and Applications and the Technical Cooperation Programme (Outline), Ministry of Foreign Affairs of Japan (Tokyo) 27 November 2024. Access Date: 28 March 2025. https://www.mofa.go.jp/press/release/pressite_000001_00755.html

³⁸²⁹ 建築物の省エネ化の支援強化に関する予算案を閣議決定 ～引き続き建築物の脱炭素化を後押ししていきます～, 環境省 (Tokyo) 29 November 2024. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/press/press_04073.html

³⁸³⁰ Minister Muto Holds Meeting with Ms. Ebba Busch, Minister for Energy, Business and Industry and Deputy Prime Minister of the Kingdom of Sweden, Ministry of Economy, Trade and Industry (Tokyo) 4 December 2024. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2024/1204_001.html

³⁸³¹ ASEAN-Japan Economic Co-Creation Forum 2024 Held, Ministry of Economy, Trade and Industry (Tokyo) 24 December 2024. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2024/1224_002.html

³⁸³² Results of the Japan-U.S. Clean Energy Partnership (JUCEP) Ministerial Meeting, Ministry of Economy, Trade and Industry (Tokyo) 24 December 2024. Access Date: 2 April 2025. https://www.meti.go.jp/english/press/2024/1224_001.html

On 25 December 2024, Minister Takeshi and Minister of Foreign Affairs of China Wang Yi held a Japan-China Foreign Ministers' Meeting.³⁸³³ During the meeting, both sides looked to the future and discussed cooperation in the environment and energy conservation.

On 27 December 2024, Prime Minister Ishiba Shigeru held the 52nd meeting of the Global Warming Prevention Headquarters and discussed the Plan for Global Warming Countermeasures which outlines government steps to reduce government greenhouse gas emissions.³⁸³⁴

On 27 January 2025, Prime Minister Ishiba announced new domestic financing to support the green transformation.³⁸³⁵ This includes a supplementary budget allocating over JPY900 billion to enhance productivity and wage growth and a bill aimed at creating a carbon pricing framework to attract more than JPY150 trillion in green investment.

On 8 January 2025, Minister for Foreign Affairs of Japan Fujii Hisayuki and Deputy Minister of Foreign Affairs of Turkmenistan Ahmet Gurbanov discussed the potential for Turkmenistan as a partner to Japan in energy projects with the ultimate goal of achieving net-zero.³⁸³⁶

On 11 January 2025, Prime Minister Ishiba held a press conference concerning a visit to Malaysia and Indonesia and stated that the countries have will collaborate to achieve decarbonization through using "hydrogen, ammonia, carbon dioxide capture, utilization and storage, geothermal energy and mineral resources."³⁸³⁷ This partnership is in line with the Asia Zero Emission Community.

ON 17 February 2025, Minister Miyaji and Minister of Foreign Affairs of Nepal Arzu Rana Deuba met during the eighth Indian Ocean Conference.³⁸³⁸ Minister Miyaji affirmed Japan's continued cooperation in aiding the Nepalese in the area of climate change.

On 21 January 2025, Prime Minister Ishiba and Prime Minister of the Lao People's Democratic Republic Sonexay Siphandone held a summit meeting.³⁸³⁹ Prime Minister Ishiba discussed Japan's commitment to supporting a clean power supply in Laos.

On 17 February 2025, Japan attended the fourth meeting of the Joint Crediting Mechanism (JCM) Global Partnership.³⁸⁴⁰ The meeting discussed renewable energy, decarbonization and the use of JCM credits for Nationally Determined Contributions (NDCs) under the Paris Agreement. The Ministry of the Environment affirmed a commitment to decarbonization and reducing greenhouse gas emissions, aiding partners in achieving their NDCs and supporting sustainable development.

³⁸³³ Japan-China Foreign Ministers' Meeting and Working Lunch, Ministry of Foreign Affairs of Japan (Tokyo) 25 December 2024. Access Date: 28 March 2025. https://www.mofa.go.jp/a_o/c_m1/cn/pageite_000001_00718.html

³⁸³⁴ Global Warming Prevention Headquarters, Prime Minister's Office of Japan (Tokyo) 27 December 2024. Access Date: 28 March 2025. <https://japan.kantei.go.jp/103/actions/202412/27ondanka.html>

³⁸³⁵ Forum for Dialogue with the Business Community, Prime Minister's Office of Japan (Tokyo) 27 January 2025. Access Date: 2 April 2025. <https://japan.kantei.go.jp/103/actions/202501/27forum.html>

³⁸³⁶ Courtesy call on State Minister FUJII by Deputy Foreign Minister of Turkmenistan, Ministry of Foreign Affairs of Japan (Tokyo) 28 January 2025. Access Date: 28 March 2025. https://www.mofa.go.jp/press/release/pressite_000001_00949.html

³⁸³⁷ Press Conference by Prime Minister Ishiba regarding His Visit to Malaysia and Indonesia and Other Matters, Prime Minister's Office of Japan (Tokyo) 11 January 2025. Access Date: 28 March 2025. <https://japan.kantei.go.jp/103/statement/202501/11kaiken.html>

³⁸³⁸ Meeting between State Minister for Foreign Affairs MIYAJI and Minister of Foreign Affairs of Nepal Arzu Rana Deuba, Ministry of Foreign Affairs of Japan (Tokyo) 17 February 2025. Access Date: 28 March 2025. https://www.mofa.go.jp/press/release/pressite_000001_00998.html

³⁸³⁹ Japan-Laos Summit Meeting and Working Dinner (Summary), Prime Minister's Office of Japan (Tokyo) 21 January 2025. Access Date: 28 March 2025. <https://japan.kantei.go.jp/103/diplomatic/202501/21laos.html>

³⁸⁴⁰ Outcome of the 4th Meeting of Joint Crediting Mechanism (JCM) Global Partnership, Ministry of the Environment (Tokyo) 6 March 2025. Access Date: 28 March 2025. https://www.env.go.jp/en/press/press_03849.html

On 18 February 2025, the Cabinet approved a plan to implement measures to reduce greenhouse gas emissions including carbon and fluorocarbons.³⁸⁴¹ This plan aims to advance energy conservation, solar energy and net-zero buildings to advance the clean energy transition.

On 20 February 2025, Minister Muto and Minister of Industry and Director General of the International Atomic Energy Agency Rafael Mariano Grossi met to discuss collaboration on nuclear energy usage.³⁸⁴² Minister Muto emphasized Japan's commitment to using renewable energy, nuclear energy and collaboration to use decarbonized energy.

On 25 February 2025, the Japan International Cooperation Agency (JICA) and Bhutan signed a loan agreement worth up to JPY13.688 billion for a hydro power plant construction project in line with sustainable development and decarbonization in South Asia.³⁸⁴³

On 26 February 2025, a Joint Committee meeting on the JCM between Japan and Uzbekistan was held.³⁸⁴⁴ Japanese officials discussed recent JCM actions and Japanese companies outlined wind power generation projects in Uzbekistan.

On 26 February 2025, Minister Muto and Minister of Industry and Trade of Vietnam Nguyen Hong Dien met to discuss the promotion of nuclear power cooperation under the Asia Zero Emission Community.³⁸⁴⁵

On 7 March 2025, the Cabinet Office, the Ministry of Land, Infrastructure, Transport and Tourism and the Ministry of the Environment released a decision on the Bill for the Act of Partially Amending the Act on Promoting the Utilization of Sea Areas for the Development of Marine Renewable Energy Power Generation Facilities.³⁸⁴⁶ The decision will designate areas for installing marine renewable energy facilities and allow research to be conducted on the marine environment, in line with the bill's aim to achieve carbon neutrality by 2050.

On 17 March 2025, Minister Muto and Deputy Prime Minister and Minister of Foreign Affairs of the Republic of Kazakhstan Murat Nurtleu confirmed support for renewable energy initiatives using the JCM.³⁸⁴⁷

On 24 March 2025, JICA and the Philippines signed a loan agreement worth up to JPY35 billion for a climate change action program.³⁸⁴⁸ The program aims to increase climate resilience, low-carbon pathways and climate action strength.

³⁸⁴¹ 政府がその事務及び事業に関し温室効果ガスの排出の削減等のため実行すべき措置について定める計画の閣議決定について（お知らせ）、環境省（Tokyo）18 February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/press/press_04430.html

³⁸⁴² Minister Muto Holds Meeting with IAEA Director General Grossi, Ministry of Economy, Trade and Industry (Tokyo) 20 February 2025. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2025/0220_001.html

³⁸⁴³ Signing of Japanese ODA Loan Agreement with Bhutan: Contribute to Bhutan's Economic Growth through the First Support for Hydro Power Plants Construction by Japanese ODA Loan, Japan International Cooperation Agency (Tokyo) 26 February 2025. Access Date: 28 March 2025. https://www.jica.go.jp/english/information/press/2024/20250214_31.html

³⁸⁴⁴ Result of First Joint Committee of the Joint Crediting Mechanism (JCM) between Japan and Uzbekistan, Ministry of the Environment (Tokyo) 3 March 2025. Access Date: 28 March 2025. https://www.env.go.jp/en/press/press_03868.html

³⁸⁴⁵ Minister Muto Holds Meeting with H.E. Mr. Nguyen Hong Dien, Minister of Industry and Trade of the Socialist Republic of Vietnam, Ministry of Economy, Trade and Industry (Tokyo) 26 February 2025. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2025/0226_003.html

³⁸⁴⁶ Cabinet Decision on the Bill for the Act for Partially Amending the Act on Promoting the Utilization of Sea Areas for the Development of Marine Renewable Energy Power Generation Facilities, Ministry of Economy, Trade and Industry (Tokyo) 7 March 2025. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2025/0307_003.html

³⁸⁴⁷ Minister Muto Holds Meeting with H.E. Mr. Nurtleu, Deputy Prime Minister and Minister of Foreign Affairs of the Republic of Kazakhstan, Ministry of Economy, Trade and Industry (Tokyo) 17 March 2025. Access Date: 28 March 2025. https://www.meti.go.jp/english/press/2025/0317_001.html

³⁸⁴⁸ Signing of Japanese ODA Loan Agreement with the Philippines: Contributing to the deepening of bilateral relations between Japan and the Philippines by supporting the Philippines' achievement of the SDGs, Japan International Cooperation Agency (Tokyo) 25 March 2025. Access Date: 28 March 2025. https://www.jica.go.jp/english/information/press/2024/1565573_52276.html

On 25 March 2025, the Japan Bank for International Cooperation, Citibank NA Tokyo Branch and the Nishi-Nippon City Bank Ltd signed an BRL1.077 billion loan agreement with the Brazil Development Bank to finance Brazilian energy transmission and biofuel initiatives aimed at reducing greenhouse gas emissions.³⁸⁴⁹ Eligible projects will include those relating to biofuels, energy transmissions and renewable energy sources.

On 26 March 2025, Prime Minister Ishiba and President of Brazil Luiz Inácio Lula da Silva spoke in a summit meeting regarding the Strategic and Global Partnership Action Plan Japan-Brazil.³⁸⁵⁰ Prime Minister Ishiba expressed a reaffirmed commitment to continue cooperation under the Japan-Brazil Green Partnership Initiative to aid in recovering degraded pasture, protection of the Amazon and collaborative decarbonization efforts in response to climate change.

On 27 March 2025, Prime Minister Ishiba and Executive Director of the International Energy Agency Fatih Birol had a courtesy call.³⁸⁵¹ During the call, the two discussed the importance of nuclear power in addressing energy security in Japan.

On 15 April 2025, Minister Muto and CEO of the Abu Dhabi National Oil Company, the United Arab Emirates (UAE) Minister of Industry and Advanced Technology and Special Envoy to Japan Ahmed Al Jaber held a meeting.³⁸⁵² During the meeting, the two discussed further collaboration between Japan and the UAE in decarbonization in terms of the energy field.

On 15 April 2025, Minister Muto and Deputy Chairman of the Cabinet of Ministers and Minister of Foreign Affairs of Turkmenistan Rashid Meredov held a meeting.³⁸⁵³ During the meeting, the two discussed furthering collaboration in energy and revised and presented a memorandum of cooperation on Japan-Turkmenistan energy transitions. The revised memorandum includes details to support renewable energy and energy conservation, methane reductions, carbon capture and storage and hydrogen to advance the net zero transition.

On 28 April 2025, the Ministry of Economy, Trade and Industry of Japan signed a Memorandum of Cooperation with the Ministry of Industry and Trade of Vietnam on clean energy transitions.³⁸⁵⁴ The agreement reaffirmed both parties' commitment to the Asia Zero Emission Community principles and aimed to promote investment and technology exchange to support decarbonization pathways.

On 3 April 2025, the Ministry of Environment announced an open call for project proposals aimed at advancing decarbonization, renewable energy heat utilization, factory waste heat utilization and renewable energy.³⁸⁵⁵

³⁸⁴⁹ BNDES capta R\$ 1,077 bi no Japão para investimentos em transmissão de energia e biocombustíveis, Agência BNDES de Notícias (Brasília) 25 March 2025. Translation provided by Google Translate. Access Date: 22 July 2025. [https://agenciadenoticias.bndes.gov.br/cultura/BNDES-capta-R\\$-1077-bi-no-Japao-para-investimentos-em-transmissao-de-energia-e-biocombustiveis/](https://agenciadenoticias.bndes.gov.br/cultura/BNDES-capta-R$-1077-bi-no-Japao-para-investimentos-em-transmissao-de-energia-e-biocombustiveis/)

³⁸⁵⁰ Japan-Brazil Summit Meeting (Summary), Prime Minister's Office of Japan (Tokyo) 26 March 2025. Access Date: 28 March 2025. <https://japan.kantei.go.jp/103/diplomatic/202503/0326brazil.html>

³⁸⁵¹ Courtesy Call on Prime Minister Ishiba by Dr. Fatih Birol, Executive Director of the International Energy Agency (IEA) (Summary), Prime Minister's Office of Japan (Tokyo) 27 March 2025. Access Date: 28 March 2025. <https://japan.kantei.go.jp/103/diplomatic/202503/0327iea.html>

³⁸⁵² Minister Muto Holds Meeting with H.E. Dr. Sultan Ahmed Al Jaber, Group CEO of Abu Dhabi National Oil Company, Minister of Industry and Advanced Technology, and Special Envoy to Japan, Ministry of Economy, Trade and Industry (Tokyo) 15 April 2025. Access Date: 9 May 2025. https://www.meti.go.jp/english/press/2025/0415_005.html

³⁸⁵³ Minister Muto Holds Meeting with H.E. Mr. Rashid Meredov, Deputy Chairman of the Cabinet of Ministers and Minister of Foreign Affairs, Turkmenistan, Ministry of Economy, Trade and Industry (Tokyo) 15 April 2025. Access Date: 9 May 2025. https://www.meti.go.jp/english/press/2025/0415_004.html

³⁸⁵⁴ METI Signs Memorandum of Cooperation with the Ministry of Industry and Trade of the Socialist Republic of Viet Nam on the Promotion of Bilateral Cooperation Projects for Energy Transitions, Ministry of Economy, Trade and Industry (Tokyo) 29 April 2025. Access Date: 12 May 2025. https://www.meti.go.jp/english/press/2025/0429_001.html

³⁸⁵⁵ 民間企業等による再エネの導入及び地域共生加速化事業のうち、般社団法人 環境技術普及促進協会 (Tokyo) n.d. Translation provided by Google Translate. Access Date: 29 June 2025. https://eta.or.jp/offering/2025/netso/files/01_gaiyo.pdf

Selected projects across the industry, agriculture and other sectors will receive grants of up to JPY10 million through this initiative.

On 1 May 2025, the Ministry of Environment announced that it selected a project to develop electric agricultural riding movers to advance decarbonization in the transportation sector.³⁸⁵⁶ The project will receive up to JPY10 million per year for the next three years.³⁸⁵⁷

On 1 May 2025, the Ministry of Environment announced a call for project proposals which will be funded under the 2024 fiscal year's supplementary budget and 2025 fiscal year budget.³⁸⁵⁸ Selected projects will receive a maximum total of JPY80 million annually for photovoltaic power generation equipment to support solar energy generation in homes and buildings.³⁸⁵⁹

On 19 May 2025, the Ministry of Economy, Trade and Industry published a press release outlining a pathway for Japan to achieve carbon neutrality by 2050 through the transportation sector.³⁸⁶⁰ The press release highlights the importance of focusing on the transportation sector, which produces around 20 per cent of carbon dioxide emissions and discusses methods the government will support to achieve decarbonization, including hydrogen fuel-cell vehicles.

On 26 May 2025, the Ministry of Economy, Trade and Industry held the Asia Zero Emission Community (AZEC) Leading Action Forum, with participants including country officials from the AZEC, the Asian Development Bank and the Economic Research Institute for the Association of Southeast Asian Nations and East Asia in attendance.³⁸⁶¹ Participants discussed energy transition and decarbonization in the areas of power, transport and industry, as well as using Japan's energy transition technologies.

On 27 May 2025, Prime Minister Ishiba and President of Iceland Halla Tómasdóttir held a meeting to discuss achieving carbon neutrality.³⁸⁶² During the meeting, both leaders expressed support for exploring geothermal power as a means toward carbon neutrality and discussed the possibility of collaboration in this area.

On 27 May 2025, the French Development Agency (AFD), representing itself, JICA, Proparco, the European Investment Bank, Germany's KfW Development Bank and Italy's Cassa Depositi e Prestiti, signed a Memorandum of Understanding with Viet Nam Electricity, committing up to EUR480 million to support the construction of a 1200 megawatts Pumped Storage Hydropower project in Vietnam.³⁸⁶³ The EU will also

³⁸⁵⁶ 令和7年度運輸部門の脱炭素化に向けた先進的システム社会実装促進事業の一次公募結果について、環境省 (Tokyo) 2 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/press/press_04837.html; 令和7年度運輸部門の脱炭素化に向けた先進的システム社会実装促進事業一次公募採択案件一覧、環境省 (Tokyo) n.d. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.env.go.jp/content/000311539.pdf>

³⁸⁵⁷ 令和7年度運輸部門の脱炭素化に向けた先進的システム社会実装促進事業について、下記の要領により、募集を行います。応募に当たっては公募要領等を熟読の上、所定の方法で必要書類を提出してください。環境省 (Tokyo) February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/air/car/transportation/post/R7_01.html

³⁸⁵⁸ (2) 設置場所の特性に応じた再エネ導入・価格低減促進事業、般社団法人 環境技術普及促進協会 (Tokyo) 1 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.eta.or.jp/offering/2025/offsite/index.php#tab01>

³⁸⁵⁹ 令和6年度(補正予算) 二酸化炭素排出抑制対策事業費等補助金、般社団法人 環境技術普及促進協会 (Tokyo) 23 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.eta.or.jp/offering/2025/offsite/files/05_kitei_6h.pdf

³⁸⁶⁰ First Selection of Priority Regions for Promoting the Deployment of Fuel-Cell Commercial Vehicles, Ministry of Economy, Trade and Industry (Tokyo) 19 May 2025. Access Date: 4 July 2025. https://www.meti.go.jp/english/press/2025/0519_002.html

³⁸⁶¹ METI Hosts AZEC Leading Action Forum (AZEC LEAF), Ministry of Economy, Trade and Industry (Tokyo) 3 June 2025. Access Date: 4 July 2025. https://www.meti.go.jp/english/press/2025/0603_002.html

³⁸⁶² Meeting between Prime Minister Ishiba and H.E. Ms. Halla Tómasdóttir, President of Iceland (Summary), Prime Minister's Office of Japan (Tokyo) 27 May 2025. Access Date: 4 July 2025. <https://japan.kantei.go.jp/103/diplomatic/202505/27iceland.html>

³⁸⁶³ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

provide EUR10 million in technical assistance for the project, managed by the AFD. The project aims to increase the integration of renewable energy in Vietnam's energy grid.

On 28 May 2025, Minister of Environment Keiichiro Asao and Tanzania's Minister of State in the Office of the Vice President for Environment and Natural Resources Hamad Masauni signed a Memorandum of Understanding establishing a Joint Credit Mechanism.³⁸⁶⁴ Under the JCM, Japan will support Tanzania in reducing greenhouse gas emissions.

On 29 May 2025, Prime Minister Ishiba and President of Laos Thongloun Sisoulith met during the Japan-Laos Summit.³⁸⁶⁵ During the meeting, the two discussed bilateral cooperation in decarbonization as part of the AZEC's goal.

On 29 May 2025, Prime Minister Ishiba and Crown Prince of Kuwait Sheikh Sabah Khalid Al-Hamad Al-Sabah held a meeting to sign a Memorandum of Cooperation (MOC).³⁸⁶⁶ The MOC outlines bilateral cooperation in "electricity, water and renewable energy." During the meeting, the two expressed a continued commitment to clean energy and decarbonization, especially in the field of electricity and desalination.

On 30 May 2025, the Ministry of Environment announced that a call for project proposals for the United Nations Industrial Development Organization's the African Joint Crediting Mechanism.³⁸⁶⁷ Selected projects will receive grants of up to USD1.5 million for renewable energy and energy efficiency equipment projects and grants of up to USD500,000 for methane emissions reductions using the Fukuoka Method.

On 30 May 2025, Prime Minister Ishiba and Prime Minister of Cambodia Samdech Moha Borvor Thipadei Hun Manet met and affirmed their commitment to clean energy as part of AZEC's development of the Sihanoukville Port.³⁸⁶⁸

On 9 June 2025, Prime Minister Ishiba and President of Lithuania Gitanas Nausėda met and discussed further collaboration in the field of renewable energy.³⁸⁶⁹

On 10 June 2025, Minister of Economy, Trade and Industry (METI) Koga Yuichiro attending the signing ceremony for Memorandums of Understanding between private companies including GE Veronova, Eurus Energy and Mitsubishi Electric to expand renewable energy infrastructure and semiconductor-based electrification.³⁸⁷⁰ The Ministry and GE Veronova also launched a focus group to promote innovation in hydrogen, nuclear and carbon capture and storage technologies.

³⁸⁶⁴ 二国間クレジット制度 (JCM) の構築に関する日・タンザニア間の協力覚書に署名しました, 環境省 (Tokyo) 28 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/press/press_04984.html

³⁸⁶⁵ Japan-Laos Summit Meeting (Summary), Prime Minister's Office of Japan (Tokyo) 29 May 2025. Access Date: 4 July 2025. https://japan.kantei.go.jp/103/diplomatic/202505/_00022.html

³⁸⁶⁶ Meeting and Working Lunch between Prime Minister Ishiba and His Highness Sheikh Sabah Khalid, Crown Prince of the State of Kuwait (Summary), Prime Minister's Office of Japan (Tokyo) 29 May 2025. Access Date: 4 July 2025. https://japan.kantei.go.jp/103/diplomatic/202505/_00023.html

³⁸⁶⁷ 国際連合工業開発機関 (UNIDO) による二国間クレジット制度 (JCM) に基づくアフリカJCMパートナー国を対象とした脱炭素プロジェクト提案の公募について, 環境省 (Tokyo) 30 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. https://www.env.go.jp/press/press_04950.html

³⁸⁶⁸ Japan-Cambodia Summit Meeting and Working Dinner (Summary), Prime Minister's Office of Japan (Tokyo) 30 May 2025. Access Date: 4 July 2025. https://japan.kantei.go.jp/103/diplomatic/202505/_00027.html

³⁸⁶⁹ Japan-Lithuania Summit Meeting and Working Dinner (Summary), Prime Minister's Office of Japan (Tokyo) 9 June 2025. Access Date: 4 July 2025. <https://japan.kantei.go.jp/103/diplomatic/202506/09lithuania.html>

³⁸⁷⁰ State Minister Koga Attends a Signing Ceremony for MOUs for Collaboration Between Companies and a Launching Ceremony for a Focus Group for Public-Private Collaboration in the Energy Sector Including Wind Power and Hydrogen, Ministry of Economy, Trade and Industry (Tokyo) 10 June 2025. Access Date: 4 July 2025. https://www.meti.go.jp/english/press/2025/0610_002.html

On 17 June 2025, Prime Minister Ishiba spoke at the G7 Kananaskis Summit Session on “Energy Security.”³⁸⁷¹ During the session, Prime Minister Ishiba highlighted Japan’s commitment to using renewable energy sources and committed to using new technologies including hydrogen, ammonia and carbon dioxide capture and storage to achieve decarbonization.

On 19 June 2025, Director-General for International Policy on Carbon Neutrality from the Agency for Natural Resources and Energy Kihara Shinichi attended the 2025 Asia Zero Emission Community Senior Officials Meeting held by METI and Malaysia’s Ministry of Economy.³⁸⁷² During the meeting, Director-General Kihara outlined future initiatives based on the AZEC Ministerial Meeting, and METI reaffirmed collaboration with AZEC partner countries toward the goal of decarbonization.

On 23 June 2025, the Ministry of Environment announced that it is accepting applications for subsidies for projects facilitating zero energy buildings (ZEB) and carbon dioxide conservation, carbon dioxide facility projects and sustainable warehouse businesses.³⁸⁷³ Through these subsidies, the Ministry hopes to promote ZEB and carbon emissions reductions in buildings.

On 24 June 2025, the Ministry of Environment announced that it is accepting applications for subsidies for projects focused on solar power generation and charging facilities.³⁸⁷⁴

On 27 June 2025, METI presented its 2025 White Paper on International Economy and Trade to the Cabinet.³⁸⁷⁵ The White Paper included a point emphasizing the importance of creating new policies in line with green transformation both in and outside of Japan.

On 27 June 2025, Vice-Minister for Global Environmental Affairs Yutaka Matsuzawa attended the 16th Japan-Mongolia Environmental Policy Dialogue.³⁸⁷⁶ Vice-Minister Matsuzawa discussed efforts to address climate change, including continued commitment to “international standardization of national emission estimation methods” using the Greenhouse Gases Observing Satellite.

On 1 July 2025, the Ministry of the Environment, the National Institute for Environmental Studies and the Japan Aerospace Exploration Agency launched the Global Observing SATellite for Greenhouse gases and the Water cycle. The satellite will help in observing greenhouse gas emissions.³⁸⁷⁷

On 10 July 2025, Minister for Foreign Affairs Takeshi Iwaya and Singapore’s Minister of Foreign Affairs Vivian Balakrishnan co-chaired the ASEAN-Japan Foreign Ministers’ Meeting.³⁸⁷⁸ During the meeting, Japan

³⁸⁷¹ G7 Kananaskis Summit Session 7 “Energy Security” (Summary), Prime Minister’s Office of Japan (Tokyo) 18 June 2025. Access Date: 4 July 2025. <https://japan.kantei.go.jp/103/diplomatic/202506/17session7.html>

³⁸⁷² METI Hosts 2025 Asia Zero Emission Community Senior Officials Meeting (AZEC SOM) and Promotes AZEC at Energy Asia, Ministry of Economy, Trade and Industry (Tokyo) 26 June 2025. Access Date: 4 July 2025. https://www.meti.go.jp/english/press/2025/0626_001.html

³⁸⁷³ 建築物等のZEB化・省CO2化普及加速事業の公募開始について, 環境省 (Tokyo) 23 June 2025. Translation provided by Google Translate. Access Date: 4 August 2025. https://www.env.go.jp/press/press_05072.html

³⁸⁷⁴ 駐車場を活用した太陽光発電設備(ソーラーカーポート等)等の導入支援事業の公募開始, 環境省 (Tokyo) 24 June 2025. Translation provided by Google Translate. Access Date: 4 August 2025. https://www.env.go.jp/press/press_05058.html

³⁸⁷⁵ Release of the White Paper on International Economy and Trade 2025 and the International Trade and Economic Strategy 2025, Ministry of Economy, Trade and Industry (Tokyo) 27 June 2025. Access Date: 4 July 2025. https://www.meti.go.jp/english/press/2025/0627_001.html

³⁸⁷⁶ Outcomes of the 16th Japan-Mongolia Environmental Policy Dialogue, Ministry of the Environment (Tokyo) 18 July 2025. Access Date: 8 August 2025. https://www.env.go.jp/en/press/press_01537.html

³⁸⁷⁷ GOAST-GW (“IBUKI GW”) Successful Launch and Completion of Critical Operations Phase, National Institute for Environmental Studies, Japan (Tsukuba) 1 July 2025. Access Date: 8 August 2025. <https://www.nies.go.jp/whatsnew/20250701/20250701-e.html>

³⁸⁷⁸ ASEAN-Japan Foreign Ministers’ Meeting, Ministry of Foreign Affairs of Japan (Tokyo) 10 July 2025. Access Date: 8 August 2025. https://www.mofa.go.jp/a_o/rp/pageite_000001_01109.html

expressed their desire for cooperation with the Asia Zero Emission Community (AZEC) to collaboratively achieve decarbonization.

On 11 July 2025, the Japan Bank for International Cooperation (JBIC) signed a Memorandum of Understanding with Indonesia's Badan Pengelola Investasi Daya Anagata Nusantara to strengthen strategic cooperation that identifies and supports projects in decarbonization, the circular economy, critical minerals, communications and digital infrastructure and healthcare, to advance environmental preservation and Indonesia's 2060 carbon neutrality goal.³⁸⁷⁹

On 15 July 2025, Director-General for Energy and Environment Policy, Ministry of Economy, Trade and Industry Kihara Shinichi and Permanent Secretary of the Ministry of Energy Thailand Prasert Sinsukprasert discussed energy policies during the seventh Japan-Thailand Energy Policy Dialogue.³⁸⁸⁰ Both sides reaffirmed commitment to the AZEC goals and discussed cooperation in helping Thailand reach carbon neutrality in the fields of carbon capture utilisation and storage, hydrogen and ammonia, liquefied natural gas (LNG) and renewable energy. Furthermore, both sides signed Memorandums of Understanding regarding decarbonization pathways in Thailand. Lastly, participants observed an LNG facility in Thailand and discussed decarbonization and reducing greenhouse gases within the facility.

On 18 July 2025, JBIC signed a general agreement to open a credit line of up to EUR75 million with the Government of Benin, with JBIC providing EUR 45 million, under its GREEN operations.³⁸⁸¹ The facility will finance environmental preservation projects that support Benin's Nationally Determined Contributions, aiming to cut greenhouse gas emissions while advancing sustainable development and creating opportunities for Japanese companies.

On 22 July 2025, Vice-Minister for Global Environmental Affairs Kentaro Doi attended the event "Strengthening Climate and SDG Synergies for Accelerated Momentum Toward 2030."³⁸⁸² During the session, Vice-Minister Doi stated Japan would continue to be a leader in climate change synergies and sustainable development.

On 22 July 2025, Japan's Ministry of the Environment opened applications for a subsidy program to promote ZEB in non-residential buildings, supporting the introduction of systems and equipment for both new and existing facilities.³⁸⁸³ The call runs from 22 July to 22 August 2025, and the program advances Japan's goals of net zero by 2050 and a 46 percent reduction in greenhouse gas emissions by 2030 compared with 2013 levels.

On 23 July 2025, Prime Minister Ishiba, President of the European Council António Luís Santos da Costa and President of the European Commission Ursula von der Leyen jointly held the 30th Japan-EU Summit.³⁸⁸⁴ The two sides agreed on Japan-EU collaboration in areas including climate change.

³⁸⁷⁹ JBIC Signs MOU on Strategic Cooperation with Badan Pengelola Investasi Daya Anagata Nusantara of Indonesia, Japan Bank for International Cooperation (Tokyo), 11 July 2025. Access Date: 30 August

2025. https://www.jbic.go.jp/en/information/press/press-2025/press_00049.html

³⁸⁸⁰ The 7th Japan-Thailand Energy Policy Dialogue Held, Ministry of Economy, Trade and Industry (Tokyo) 22 July 2025. Access Date: 8 August 2025. https://www.meti.go.jp/english/press/2025/0722_002.html

³⁸⁸¹ Second Credit Line to Government of Republic of Benin under GREEN Operations, Japan Bank for International Cooperation (Tokyo) 18 July 2025. Access Date: 30 August 2025. https://www.jbic.go.jp/en/information/press/press-2025/press_00054.html

³⁸⁸² Outcome of the UN High-Level Political Forum on Sustainable Development (HLPF2025), Ministry of the Environment (Tokyo) 25 July 2025. Access Date: 8 August 2025. https://www.env.go.jp/en/press/press_00206.html

³⁸⁸³ 業務用建築物のZEB化普及促進支援事業の公募開始, Ministry of the Environment (Tokyo) 22 July 2025. Access Date: 30 August 2025. https://www.env.go.jp/press/press_00175.html

³⁸⁸⁴ The 30th Japan-EU Summit (Summary), Prime Minister's Office of Japan (Tokyo) 23 July 2025. Access Date: 8 August 2025. <https://japan.kantei.go.jp/103/diplomatic/202507/23eu.html>

On 29 July 2025, the Ministry of the Environment jointly convened the 22nd Workshop on Greenhouse Gas Inventories in Asia in Cambodia.³⁸⁸⁵ During the meeting, the participants attended workshop sessions regarding greenhouse gas inventories and discussed how to increase transparency related to greenhouse gases.

On 29 July 2025, the Japan International Cooperation Agency committed USD100 million to the Vietnam Prosperity Joint Stock Commercial Bank as part of a USD350 million loan facility coordinated by Sumitomo Mitsui Banking Corporation, with participation from British International Investment, Export Finance Australia and FinDev Canada.³⁸⁸⁶ The funds will expand climate finance for Vietnam's green transition, including renewable energy, clean transport, and energy efficiency projects that support the country's net-zero pathway.

On 6 August 2025, Japan signed and exchanged notes for an official development assistance loan of up to JPY39.105 billion to finance the Southern Region Transmission System Reinforcement Project in Angola.³⁸⁸⁷ The loan will fund a 220 kilovolts transmission line and related substations between Lubango and Moçâmedes, enabling the Namibe region to shift from diesel generation to cleaner power from the central and northern grid, mainly hydropower. The project is co financed with the African Development Bank and advances the Africa Green Growth Initiative announced at TICAD 8, supporting green growth and lower greenhouse gas emissions.

On 25 August 2025, Minister of Economy, Trade and Industry Yoji Muto and India's Minister of Power and Housing and Urban Affairs Manohar Lal held the 11th Japan-India Energy Dialogue.³⁸⁸⁸ During the meeting, the two ministers discussed achievements and collaboration, and reaffirmed intent to collaborate in the areas of clean hydrogen and ammonia through a joint declaration.

On 29 August 2025, Minister of the Environment Asao Keiichiro released a statement regarding the signing of a Memorandum of Cooperation between Japan and India regarding the Joint Crediting Mechanism.³⁸⁸⁹ Minister Asao identified several areas Japan aims to help India with regard to the Paris Agreement, including "compressed biogas, green hydrogen and ammonia, transition in high-emission industries" and "carbon capture and storage." The aim of this cooperation is to address the common challenge of climate change.

On 29 August 2025, the Japan Bank for International Cooperation signed a loan agreement of up to JPY60 billion, including a JPY36 billion JBIC portion, with India's Power Finance Corporation Limited under its GREEN operations to finance Assam Bio Ethanol Private Limited's bamboo-based biofuel and power project in Assam.³⁸⁹⁰ The project will produce bioethanol for gasoline blending in line with India's E20 target, reduce lifecycle emissions by substituting fossil fuels, and raise rural incomes by creating a market for sustainably cultivated bamboo.

³⁸⁸⁵ Summary of the 22nd Workshop on Greenhouse Gas Inventories in Asia (WGIA22), Ministry of the Environment (Tokyo) 29 July 2025. Access Date: 8 August 2025. https://www.env.go.jp/en/press/press_00231.html

³⁸⁸⁶ VPBANK TOGETHER WITH JICA, FINDEV CANADA, EFA, BII AND SMBC, JOINTLY ANNOUNCE LANDMARK USD 350 MILLION PARTNERSHIP TO ADVANCE SUSTAINABLE DEVELOPMENT IN VIETNAM, Japan International Cooperation Agency (Hanoi) 29 July 2025. Access Date: 5 October 2025. https://www.jica.go.jp/english/information/press/2025/_icsFiles/afieldfile/2025/07/30/PressRelease_VPBankUSD350MLoan_29072025_Fullversion.pdf

³⁸⁸⁷ Notes signed and exchanged for the ODA yen loan "Southern Region Transmission System Reinforcement Project" in Angola, Ministry of Foreign Affairs of Japan (Tokyo) 6 August 2025. Access Date: 30 August 2025. https://www.mofa.go.jp/mofaj/press/release/pressit_000001_02527.html

³⁸⁸⁸ The 11th Japan-India Energy Dialogue Held, Ministry of Economy, Trade and Industry (Tokyo) 25 August 2025. Access Date: 5 October 2025. https://www.meti.go.jp/english/press/2025/0825_002.html

³⁸⁸⁹ Statement by ASAO Keiichiro, Minister of the Environment, Japan, on the Signing of the Memorandum of Cooperation on the JCM between Japan and India (August 29, 2025), Ministry of the Environment (Tokyo) 29 August 2025. Access date: 5 October 2025. https://www.env.go.jp/en/focus/statement/statement_20250829.html

³⁸⁹⁰ Loan for Power Finance Corporation Limited of India Based on Credit Line, Japan Bank for International Cooperation (Tokyo) 29 August 2025. Access Date: 27 October 2025. https://www.jbic.go.jp/en/information/press/press-2025/press_00071.html

On 2 September 2025, Minister of the Environment Asao Keiichiro joined the third ASEAN-Japan Ministerial Dialogue for Environment and Climate Change in Malaysia.³⁸⁹¹ During the Dialogue, Japan and the other ASEAN Member States jointly updated the Strategic Program for ASEAN Climate and Environment, which included new commitments to improve greenhouse gas reporting accuracy, support Low Emissions Development Strategy and Nationally Determined Contributions.

On 5 September 2025, the Ministry of the Environment and the Coordinating Ministry for Economic Affairs of Indonesia held a forum to discuss Indonesia's carbon market.³⁸⁹² During the forum, both sides discussed the use of Carbon dioxide Capture and Storage.

On 16 September 2025, Minister Muto held the second "Central Asia plus Japan" dialogue alongside ministers from the Republic of Kazakhstan, the Kyrgyz Republic, the Republic of Tajikistan, Turkmenistan and the Republic of Uzbekistan.³⁸⁹³ During the dialogue, Minister Muto announced the new "Roadmap to Carbon Neutrality for Central Asia" in line with Japan's commitment to the Paris Agreement. The ministers agreed on continuing collaborative energy transition projects and the importance of addressing climate change through decarbonization.

On 19 September 2025, the Japan International Cooperation Agency and Masdar IPH Wind S.A.E. signed a loan of USD60.7 million to support a wind farm project in Ras Ghareb.³⁸⁹⁴ The aim of the loan is to help reduce greenhouse gas emissions in Egypt by constructing wind power plants to provide renewable energy.

On 22 September 2025, Minister of Economy and Development, Embassy of Japan in the Republic of India Yamazaki Fumio and Joint Secretary, Ministry of Environment, Forest, and Climate Change of the Republic of India Nameeta Prasad co-chaired the first Joint Crediting Mechanism meeting.³⁸⁹⁵ During the meeting, the parties discussed how to apply the use of the JCM toward the Paris Agreement and opened up submissions for decarbonization projects.

Japan has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Japan has engaged in deep and sustained efforts to reduce greenhouse gas emissions and support international climate initiatives. Japan has taken strong action to reduce carbon and methane emissions across the energy, buildings, transport, agriculture and industry sectors through funding for projects advancing renewable energy and methane emissions reductions, investments in photovoltaic power generation equipment for buildings and homes, funding a project for electric riding movers and agreements through JICA.

Thus, Japan receives a score of +1.

Analysts: Lindsay Liu and Tara Van de Wall

³⁸⁹¹ Outcome of the Third ASEAN-Japan Ministerial Dialogue for Environment and Climate Change, Ministry of the Environment (Tokyo) 9 September 2025. Access Date: 5 October 2025. https://www.env.go.jp/en/press_00002.html

³⁸⁹² Outcome of "Forum on Promoting Business Engagement and Matching through the Joint Crediting Mechanism (JCM) to Expand Indonesia's Carbon Market" Held in Jakarta, Indonesia, Ministry of Environment (Tokyo) 5 September 2025. Access Date: 5 October 2025. https://www.env.go.jp/en/press/press_00325.html

³⁸⁹³ Second Ministerial Economic and Energy Dialogue of the "Central Asia plus Japan" Dialogue Held, Ministry of Economy, Trade and Industry (Tokyo) 16 September 2025. Access Date: 5 October 2025. https://www.meti.go.jp/english/press/2025/0916_004.html

³⁸⁹⁴ First Disbursement of Loan Agreement for Infinity Power's Ras Ghareb 200 MW Wind Farm in Egypt (Private Sector Investment Finance): Contributing to increased electricity supply and mitigation of climate change impacts, Japan International Cooperation Agency (Tokyo) 19 September 2025. Access Date: 5 October 2025. https://www.jica.go.jp/english/information/press/2025/20250919_11.html

³⁸⁹⁵ Result of the First Meeting of the Joint Committee for the Joint Crediting Mechanism (JCM) between Japan and India; Commencement of Submission Acceptance for Decarbonization Projects under the JCM, Ministry of the Environment (Tokyo) 22 September 2025. Access Date: 5 October 2025. https://www.env.go.jp/en/press/press_00448.html

Korea: +1

Korea has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 1 December 2024, Korea's Development Finance Bureau's Green Climate Policy Division and the United Nations Framework Convention on Climate Change Secretariat signed a statement of intent to develop a global voluntary carbon mechanism.³⁸⁹⁶ In line with the Paris Agreement, this will help companies trade carbon credits on the international carbon market, boosting efforts to offset greenhouse gas emissions through international cooperation.

On 1 January 2025, the Ministry of Environment and the Ministry of Trade, Industry and Energy announced a 20 per cent additional subsidy for young citizens purchasing an electric vehicle as their first car, as well as a KRW1-3 million subsidy for multi-child households purchasing an electric vehicle.³⁸⁹⁷ This encourages Koreans to adopt greener transportation methods which can help advance the country's greenhouse gas emissions target.

On 1 January 2025, Korea announced that an increased budget of KRW196.3 billion will be invested to install more than 64 hydrogen charging stations, with a target of over 450 cumulative stations.³⁸⁹⁸ This initiative supports the adoption of hydrogen vehicles and the development of related infrastructure.

On 1 January 2025, the Ministry of Environment initiated the Green Transition Guarantee Project and pledged to allocate KRW1.5 billion to small and medium climate technology companies.³⁸⁹⁹ This will allow greater climate financing options for emerging green technology enterprises, whose technologies aim to reduce greenhouse gas emissions and achieve net-zero carbon economies.

On 1 January 2025, the Ministry of Environment expanded the type of market participants in Korea's emissions trading system, as well as increased flexibility in market trading through brokerage companies.⁴ This expansion allows investment businesses, banks, insurance companies and fund managers to participate in the country's cap-and-trade program, which works to achieve Korea's greenhouse gas emissions reduction target.

On 3 January 2025, the Ministry of Science and Information and Communications Technology announced its plan to invest KRW86,200,000,000 into climate and environmental research and development projects focused on the industrial sector in 2025.³⁹⁰⁰ This funding will support the development of climate adaptation and mitigation innovations such as carbon capture technology, hydrogen energy storage and artificial intelligence climate forecasting.

On 10 February 2025, the Ministry of Oceans and Fisheries and Australian Ministry for Infrastructure, Transport, Regional Development and Local Government signed a Memorandum of Understanding to

³⁸⁹⁶ Korea and UNFCCC Secretariat Agree to Jointly Develop the Global Voluntary Carbon Mechanism, Development Finance Bureau - Green Climate Policy Division (Sejong City) 1 December 2024. Access Date: 22 March 2025.

<https://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=6026>

³⁸⁹⁷ Environmental Policies: Changes Coming in 2025, Ministry of Environment (Sejong City) 1 January 2025. Access Date: 22 March 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=1718360&type=N&insttCode=A260112>

³⁸⁹⁸ Gov't to spend W50B to build hydrogen infrastructure, Government of Korea (Seoul) 8 February 2025. Access Date: 5 May 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=1718330&insttCode=A260112&type=N>

³⁸⁹⁹ Environmental Policies: Changes Coming in 2025, Korea.net (Seoul) 1 January 2025. Access Date: 29 June 2025.

<https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=1718360&type=N&insttCode=A260112>

³⁹⁰⁰ MSIT to Invest KRW86.2 Billion in 2025 to Accelerate Climate Adaptation and Mitigation, Ministry of Science and ICT (Sejong City) 8 January 2025. Access Date: 23 March 2025.

<https://www.msit.go.kr/eng/bbs/view.do?sCode=eng&mId=4&mPid=2&bbsSeqNo=42&nttSeqNo=1066>

establish a green shipping route between the countries.³⁹⁰¹ This will help to advance the net zero transition in the marine transportation sector.

On 12 February 2025, the Ministry of Ocean and Fisheries announced KRW222.3 billion in funding to increase sustainable shipbuilding.³⁹⁰² This funding will enable the construction of 34 electric or hybrid vessels, 15 vessels with “diesel particulate filters...to remove diesel particulate matter or soot from the exhaust gas of a diesel engine,” 20 additional vessels constructed by the private sector and environmental upgrades to 12 vessels. This will contribute to decreased greenhouse gas emissions in the transportation and marine sectors.

On 21 February 2025, Korea outlined a new energy mix plan for 2038 which includes constructing two large nuclear power plants and one small modular reactor.³⁹⁰³ The country aims to increase its nuclear power generation and boost renewable energy, targeting an average of seven gigawatts annually until 2030. Overall, carbon-free power generation, including nuclear and renewables is expected to reach 70 per cent by 2038.

On 24 February 2025, the Ministry of Land, Infrastructure and Transport announced an increased fuel subsidy for hydrogen buses starting 1 March 2025.³⁹⁰⁴ This subsidy encourages eco-friendly mobility options by decreasing fuel costs for hydrogen bus operators and promotes Korea’s efforts to meet its 2030 greenhouse gas reduction target.

On 27 February 2025, the Ministry of Agriculture, Food and Rural Affairs announced a five-year plan to promote the research, development and expansion of smart farming in Korea.³⁹⁰⁵ This plan includes research and development for energy efficiency, greenhouse gas emissions reductions and renewable energy in the agricultural sector.

On 4 April 2025, the Ministry of Science and Information Communication and Technology launched the Carbon Capture and Utilization (CCU) Initiative, which included the creation of a consultation board along with a short and long-term CCU action plan.³⁹⁰⁶ In the short-term, the Ministry intends to launch a CCU Strategic Research Lab and a Global Flagship Project, while in the long-term, it intends to launch large-scale CCU projects and develop next-generation Direct Air Capture and capture-free conversion technologies. The CCU Initiative will help implement CCU technologies into Korea’s petrochemical, cement and steel industries to achieve carbon neutrality by 2050.

On 22 April 2025, the Ministry of Environment, the Korea Environment Corporation and Jeju Special Self-Governing Province signed a business agreement to fund the 2025 Bio-Gas-Based Clean Hydrogen Production Project.³⁹⁰⁷ The government agreed to provide KRW9,100,000,000 by 2026 to build hydrogen production

³⁹⁰¹ Signing of an MOU on the Establishment of a Green Shipping Route between Korea and Australia, Korea.net (Seoul) 17 February 2025. Access Date: 29 June 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=7845&type=O&insttCode=>

³⁹⁰² South Korean gov’t to invest \$153M to support green shipbuilding and slash GHG emissions, Offshore Energy (Schiedam) 12 February 2025. Access Date: 29 June 2025. <https://www.offshore-energy.biz/south-korean-govt-to-invest-153m-to-support-green-shipbuilding-and-slash-ghg-emissions/>

³⁹⁰³ South Korea confirms need for new reactors, World Nuclear News (London) 21 February 2025. Access Date: 5 May 2025. <https://www.world-nuclear-news.org/articles/south-korea-confirms-need-for-new-reactors>

³⁹⁰⁴ Fuel Subsidy for Hydrogen Buses to Increase from March 1st, Ministry of Land, Infrastructure and Transport (Sejong City) 24 February 2025. Access Date: 22 March 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=7866&type=O&insttCode=A110417>

³⁹⁰⁵ S. Korea’s First Master Plan for Promotion of the Growth of the Smart-Farming Industry for the Years 2025–2029, Ministry of Agriculture, Food and Rural Affairs (Sejong City) 27 February 2025. Access Date: 23 March 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=573412&type=N&insttCode=A260109>

³⁹⁰⁶ Private Sector-Led Carbon Neutrality Innovation: Launch of the “Carbon Capture and Utilization (CCU) Initiative”, Ministry of Science and ICT (Sejong City) 21 April 2025. Access Date: 04 May 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=7969&type=O&insttCode=A110439>

³⁹⁰⁷ Jeju Achieving Carbon Neutrality Producing Clean Hydrogen Using Biogas, Ministry of Environment (Sejong City) 21 April 2025. Access Date: 04 May 2025. <https://www.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1738890&boardMasterId=522&boardCategoryId=&decorator=>

facilities in Jeju, Korea. This will help advance methane and other greenhouse gas emissions reductions by converting biogas, made of methane and carbon dioxide, to clean hydrogen.

On 9 May 2025, the Ministry of Land, Infrastructure and Transport launched KRW32.1 billion research and development pilot project to develop hydrogen electric trains.³⁹⁰⁸ The project aims to advance Korea's goal of commercializing hydrogen electric trains by 2038 to advance the net zero transition.

On 12 May 2025, the Ministry of Land, Infrastructure and Transport announced new financial incentives to advance the net zero transition in the buildings sector.³⁹⁰⁹ Effective immediately, energy savings in buildings will receive up to a 7.2 per cent preferential interest rate with an additional 3.5 per cent available "based on individual reductions in electricity use."

On 9 May 2025, the Ministry of Trade, Industry and Energy opened the hydrogen bidding market which allows actors to purchase and supply hydrogen-generated electricity.³⁹¹⁰ Additionally, the market implements a fixed exchange-rate mechanism, allowing suppliers to offer electricity at a fixed exchange rate over the entire contract period. Furthermore, the ministry introduced a "hydrogen volume borrowing system," permitting electricity allocated for next year to be used in the present. Both mechanisms offer flexibility and stability to promote carbon reductions in the energy sector.

On 18 June 2025, the Ministry of Environment held its second briefing session on the European Union Carbon Border Adjustment Mechanism (CBAM) for small and medium enterprises (SMEs).³⁹¹¹ This session informed SMEs on carbon tariffs in European trade and provided free measurement, reporting and verification software to aid in the implementation of CBAM policies.

On 20 June 2025, Minister of Land, Infrastructure and Transport Park Sang Woo stated that newly constructed private multi-unit housing will face an energy efficiency rating system from 30 June 2025.³⁹¹² This rating system is equivalent to achieving a Zero Energy Building Grade Five certification. In alignment with the revised Standards on Energy-saving Eco-friendly Housing Construction, this certification was developed to reduce energy consumption and encourage the generation of energy from renewable energy facilities.

On 4 July 2025, the Ministry of Oceans and Fisheries and Australia's Department of Infrastructure, Transport, Regional Development, Communications, Sport and the Arts announced that a "preliminary feasibility study for building a Korea-Australia green shipping route" will be conducted.³⁹¹³ The study is a follow-up to the

³⁹⁰⁸ R&D Project to Commercialize Hydrogen Train until 2028, Korea.net (Seoul) 9 May 2025. Access Date: 29 June 2025.

<https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=8011&type=O&insttCode=A110417&startDate=2025-05-01&searchKey=all&categoryId=109&pCnt=0&oldSearchCnt=0&endDate=2025-05-26&language=A020101&cCnt=0&pageIndex=7&gov=>

³⁹⁰⁹ Earning up to 3.5% Bonus Interest by Reducing Electricity Use, Korea.net (Seoul) 12 May 2025. Access Date: 29 June 2025.

<https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=8014&type=O&insttCode=A110417&startDate=2025-05-01&searchKey=all&categoryId=109&pCnt=0&oldSearchCnt=0&endDate=2025-05-26&cCnt=0&language=A020101&pageIndex=6&gov=>

³⁹¹⁰ Korea Opens Hydrogen Power Bidding Market for 2025, Ministry of Trade, Industry, and Energy (Sejong City) 9 May 2025. Access Date: 2 July 2025.

<https://www.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1738890&boardMasterId=522&boardCategoryId=&decorator=>

³⁹¹¹ Relevant Ministries to Actively Support SMEs in Responding to the Carbon Border Adjustment Mechanism, Ministry of Environment (Sejong City) 18 June 2025. Access Date: 2 July 2025.

<https://www.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1749870&boardMasterId=522&boardCategoryId=&decorator=>

³⁹¹² Building Energy Efficiency Ratings to ZEB for More Eco-friendly Housing, Ministry of Land, Infrastructure and Transport (Sejong City) 20 June 2025. Access Date: 4 August 2025.

https://www.molit.go.kr/english/USR/BORD0201/m_28286/DTL.jsp?id=eng_mltm_new&mode=view&idx=3297https://www.molit.go.kr/english/USR/BORD0201/m_28286/DTL.jsp?id=eng_mltm_new&mode=view&idx=3297

³⁹¹³ Building of Korea-Australia Green Shipping Route to Begin in Full Swing, Ministry of Oceans and Fisheries (Seoul) 4 July 2025. Access Date: 22 July 2025. <https://www.mof.go.kr/doc/ko/selectDoc.do?docSeq=62231&menuSeq=485&bbsSeq=90>

signing of a Memorandum of Understanding in February 2025, and will begin by analysing eco-friendly fuel supply chains, port trends, port infrastructure systems and ships suitable for operation.

On 10 July 2025, President Lee Jae Myung announced the proposal of a new law which would build industrial complexes that use 100 per cent renewable energy.³⁹¹⁴ The construction of such parks would deeply reduce carbon emissions in the industry sector.

On 22 July 2025, Minister of Environment Kim Sungwhan announced the first supply shipment of green hydrogen at the Seongnam Water Purification Plant.³⁹¹⁵ This will support the transition to hydrogen vehicles and reduce carbon emissions in the transport sector.

On 12 August 2025, the Ministry of Trade, Industry and Energy signed a Memorandum of Understanding (MoU) with Vietnam's Ministry of Industry and Trade to promote cooperation in renewable energy.³⁹¹⁶ The agreement will support joint projects in solar power, wind power and energy storage systems, as well as help corporate investors overcome business barriers. In addition, Korea Electric Power Corporation and Petrovietnam signed an MoU on human resources training for nuclear power to strengthen bilateral cooperation in nuclear plant development.

Korea has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Korea has taken strong action to reduce carbon and methane emissions in the energy, transport, buildings, industry and agriculture sectors through funding for the biogas to clean hydrogen project, a pilot project to develop hydrogen electric trains, a five year plan to promote smart farming, plans to construct two large nuclear power plants and one small modular reactor, investing in sustainable ships, funding small and medium climate technology companies and environmental research on carbon capture and storage and hydrogen and financial incentives for energy savings in the building sector.

Thus, Korea receives a score of +1.

Analyst: Kaitlin Yan

Mexico: 0

Mexico has partially complied with its commitment recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 10 December 2024, the Federal Electricity Commission issued MXN10 billion in sustainable bonds.³⁹¹⁷ This action is expected to support investments for renewable energy, energy efficiency, electricity and infrastructure projects in Mexico.

On 24 December 2024, the Association of Hydrogen, Storage and Sustainable Mobility and the Ministry of Energy announced plans to fund 18 clean hydrogen projects.³⁹¹⁸ This initiative aims to reduce greenhouse gas

³⁹¹⁴ Proposed Law to Promote Biz Parks Using 100% Green Energy, Korea.net (Seoul) 11 July 2025. Access Date: 10 August 2025. <https://www.korea.net/NewsFocus/policies/view?articleId=274959&searchKey=all&searchValue=Clean%20energy&pageIndex=1>

³⁹¹⁵ Ministry of Environment Begins Nation's First Full-Scale Production and Supply of Green Hydrogen for Vehicles Using Hydropower, Ministry of Environment (Sejong City) 22 July 2025. Access Date: 10 August 2025. <https://www.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1754960&boardMasterId=522&boardCategoryId=&decorator=>

³⁹¹⁶ Korea and Vietnam to Strengthen Industrial Cooperation for Supply Chains and Energy Transition, Korea.net (Seoul) 12 August 2025. Access Date: 21 August 2025. <https://www.korea.net/Government/Briefing-Room/Press-Releases/view?articleId=8180&type=O&insttCode=A110412&categoryId=109&language=A020101&pageIndex=1&gov=>

³⁹¹⁷ CFE EMITE 10,000 MDP EN BONOS SUSTENTABLES PARA FINANCIAR LA TRANSICIÓN ENERGÉTICA Y LA INCLUSIÓN SOCIAL, Comisión Federal de Electricidad (Mexico City) 13 December 2024. Translation provided by Google Translate. Access Date: 29 June 2025. <https://app.cfe.mx/Aplicaciones/OTROS/Boletines/boletin?i=8212>

³⁹¹⁸ Green hydrogen projects worth US \$21B in Mexico's Pipeline, Mexico News Daily (San Miguel de Allende) 24 December 2024. Access Date: 10 May 2025. <https://mexiconewsdaily.com/business/green-hydrogen-mexico/>

emissions and foster a green hydrogen industrial sector in Mexico. The total investment is projected at USD 21 billion.

On 6 January 2025, President Claudia Sheinbaum launched Olinia, a manufacturer of mini electric vehicles.³⁹¹⁹ The government is partnering with academic institutions and private companies to develop the technology and support regional manufacturers to develop affordable electric vehicles. The government will allocate MXN25 million to the National Polytechnic Institute and the National Institute of Technology of Mexico in 2025 for this initiative.

On 5 February 2025, President Sheinbaum shared the Federal Electricity Commission's 2025-2030 National Electric System Strengthening and Expansion Plan.³⁹²⁰ The plan includes 51 energy projects including seven wind farms, nine photovoltaic plants with a 1,673 megawatts capacity, five combined cycle projects and one internal combustion project. These projects will receive a total investment of MXN22.377 billion.

On 23 February 2025, the Federal Electricity Commission and the National Institute of Indigenous Peoples announced an investment of MXN421 million for off-grid solar and grid extensions for Indigenous households.³⁹²¹

On 4 March 2025, the Federal Electricity Commission's Board of Directors approved four combined cycle projects aimed at increasing the reliability of Mexico's grid network.³⁹²² These projects will receive MXN2.317 billion in funding and are expected to reduce carbon emissions by eight million tonnes annually. However, the Board also approved a natural gas internal combustion project with a 240 megawatts capacity and MXN272 million in funding.

On 28 March 2025, Undersecretary for Planning and Energy Transition Jorge Islas announced that all future Mexican wind and solar plants will require battery storage up to 30 per cent of their original capacity.³⁹²³ This promotes energy transition technologies and storage.

On 29 March 2025, President Sheinbaum approved the Federal Electricity Commission's Sol del Norte project which will install 5,500 rooftop solar photovoltaic panels in the city.³⁹²⁴ The government will provide MXN200 million for this initiative which is expected to decrease carbon emissions by 4,864 tonnes annually.

³⁹¹⁹ Presidenta Claudia Sheinbaum presenta Olinia, primera armadora mexicana de mini vehículos eléctricos desarrollados en México, Presidencia de la República (Mexico City) 6 March 2025. Translation provided by Google Translate. Access Date: 18 March 2025. <https://www.gob.mx/presidencia/prensa/presidenta-claudia-sheinbaum-presenta-olinia-primera-armadora-mexicana-de-mini-vehiculos-electricos-desarrollados-en-mexico>

³⁹²⁰ Presidenta presenta 51 proyectos de electricidad del Plan de Fortalecimiento y Expansión del Sistema Eléctrico Nacional 2025-2030, Presidencia de la República (Mexico City) 5 February 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gob.mx/presidencia/prensa/presidenta-presenta-51-proyectos-de-electricidad-del-plan-de-fortalecimiento-y-expansion-del-sistema-electrico-nacional-2025-2030?idiom=es>

³⁹²¹ La SENER, CFE e INPI continúan electrificando comunidades indígenas en la Sierra de Durango, Secretaría de Energía (Mexico City) 23 February 2025. Translation provided by Google Translate. Access Date: 24 March 2025. <https://www.gob.mx/sener/articulos/la-secretaria-de-energia-comision-federal-de-electricidad-e-instituto-nacional-de-los-pueblos-indigenas-continuan-electrificando-comunidades-indigenas-en-la-sierra-de-durango-391079>

³⁹²² LA CFE APRUEBA CINCO PROYECTOS ESTRATÉGICOS DE GENERACIÓN, EL FORTALECIMIENTO DE LA RED DE TRANSMISIÓN EN QUINTANA ROO Y 18 PROYECTOS DE INVERSIÓN PARA LAS REDES GENERALES DE DISTRIBUCIÓN, Comisión Federal de Electricidad (Mexico City) 4 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://app.cfe.mx/Aplicaciones/OTROS/Boletines/boletin?i=8251>

³⁹²³ Mexico announces battery storage mandate for renewable energy plants, PV Magazine (Berlin) 31 March 2025. Access Date: 9 May 2025. <https://www.pv-magazine.com/2025/03/31/mexico-announces-battery-storage-mandate-for-renewable-energy-plants/>

³⁹²⁴ Presidenta da banderazo de salida al programa Sol del Norte para la instalación de 5,500 paneles fotovoltaicos en Mexicali, Baja California, Presidencia de la República (Mexico City) 29 March 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://www.gob.mx/presidencia/prensa/presidenta-da-banderazo-de-salida-al-programa-sol-del-norte-para-la-instalacion-de-5-500-paneles-fotovoltaicos-en-mexicali-baja-california?idiom=es>

On 9 April 2025, Secretary Luz Elena Gonzales Escobar announced a MXN624 billion investment in the electric sector, of which MXN430 billion will be used to increase generation capacity.³⁹²⁵ This investment supports Mexico's plans for increasing access to electricity while contributing to the energy transition.

On 13 August 2025, Secretary Escobar signed a Collaboration Agreement between the Agency for Safety, Energy and Environment and Petróleos Mexicanos to improve environmental protection in the hydrocarbon sector.³⁹²⁶ The agreement covers mobile laboratories, educational programs, workshops and the exchange of technical and scientific data. This initiative supports President Sheinbaum's Commitment 93 to reduce air pollution and Goal 4.3 of the 2025–2030 National Development Plan, ensuring the energy sector remains a driver of development while promoting sustainability and environmental stewardship.

On 26 August 2025, President Sheinbaum announced an MXN800 million investment for the construction of two solar thermal power plants in Baja California Sur to strengthen Mexico's clean energy capacity and reduce dependence on fossil fuels.³⁹²⁷ This project supports Mexico's target of generating 35 per cent of its electricity from clean sources by 2030 and advances Goal 4.1 of the National Development Plan by promoting sustainable growth, energy sovereignty and technological innovation in the power sector.

On 29 September 2025, Minister of Environment and Natural Resources Alicia Barcena and President Sheinbaum outlined measures to accelerate the country's energy transition and expand sustainable infrastructure.³⁹²⁸ Initiatives include train and component production, the expansion of dual education programs and ten public transport electrification projects across Nuevo Leon, CDMX, Jalisco, Guanajuato, Michoacan, Tamaulipas, Aguascalientes, Guerrero and Oaxaca.

On 3 October 2025, the Government of Mexico published the regulations for six secondary energy laws in the Official Gazette of the Federation, strengthening the country's regulatory framework and advancing the transformation of its energy system.³⁹²⁹ Developed through coordinated efforts by decentralized bodies, sectoral entities and federal departments under the leadership of the Ministry of Energy, these regulations govern activities in the hydrocarbon, electricity, biofuels, geothermal and energy planning and transition sectors.

Mexico has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways through several verbal commitments. Mexico has taken strong action to reduce greenhouse gas emissions in various sectors through funding for combined cycle, wind and solar projects, investments in the energy sector and for solar rooftops on residential buildings, an initiative for mini electric vehicles and its plan for clean hydrogen projects.

Thus, Mexico receives a score of 0.

³⁹²⁵ La secretaria Luz Elena González Escobar presentó las acciones del sector eléctrico encaminadas a impulsar el desarrollo del Plan México, Secretaría de Energía (Mexico City) 9 April 2025. Translation provided by Google Translate. Access Date: 14 April 2025. <https://www.gob.mx/sener/articulos/la-secretaria-de-energia-luz-elena-gonzalez-escobar-presento-las-acciones-del-sector-electrico-encaminadas-a-impulsar-el-desarrollo-del-plan-mexico>

³⁹²⁶ ASEA Y PEMEX FIRMAN CONVENIO DE COLABORACIÓN PARA FORTALECER PROTECCIÓN AMBIENTAL, Secretaría de Energía (Mexico City) 13 August 2025. Translation provided by Google Translate. Access Date: 21 August 2025. <https://www.gob.mx/sener/es/articulos/asea-y-pemex-firman-convenio-de-colaboracion-para-fortalecer-proteccion-ambiental-405431?idiom=es>

³⁹²⁷ Presidenta Sheinbaum anuncia inversión de 800 mdd para dos plantas de energía termosolar en BCS, Gobierno de México (Mexico City) 26 August 2025. Translation provided by Google Translate. Access Date: 22 October. <https://www.presidencia.gob.mx/boletines/presidenta-sheinbaum-anuncia-inversion-de-800-mdd-para-dos-plantas-de-energia-termosolar-en-bcs>

³⁹²⁸ Mexico Plans Faster Energy Transition, Officials Say, Mexico Business News (Mexico City) 2 October 2025. Access Date: 8 October 2025. <https://mexicobusiness.news/sustainability/news/mexico-plans-faster-energy-transition-officials-say>

³⁹²⁹ Publica Gobierno de México en el DOF los reglamentos de las Leyes Secundarias en materia energética, Secretaría de Energía (Mexico City) 5 October 2025. Translation provided by Google Translate. Access Date: 22 October 2025. <https://www.gob.mx/sener/es/articulos/publica-gobierno-de-mexico-en-el-dof-los-reglamentos-de-las-leyes-secundarias-en-materia-energetica?idiom=es>

*Analyst: Samardeep Sandhu***Russia: –1**

Russia has not complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 25 November 2024, Russia announced new investments in clean energy initiatives aimed at improving energy efficiency and reducing environmental impact.³⁹³⁰ These investments include the construction of a Green Cyber Farm.

On 5 December 2024, Russia approved measures to enhance safety for nuclear technologies, line with International Atomic Energy Agency recommendations.³⁹³¹ This action is part of Russia's long-standing commitment to nuclear energy development. Additionally, Russia launched the Green Cyber Farm project which promotes sustainable agriculture through automated platforms powered by renewable energy. This project seeks to address environmental sustainability in agriculture, leveraging technological innovation to support green energy use in the farming sector.

On 12 December 2024, Russia held a strategic session to discuss increasing the energy and resource efficiency of the national economy.³⁹³² This session discussed ongoing efforts to modernize infrastructure, transition boiler stations to more efficient fuel sources and expand the use of alternative and renewable energy.

On 19 February 2025, Deputy Prime Minister of Russia Alexander Novak met with the Kenyan Presidential Special Envoy for Climate Change to discuss their countries' efforts in implementing the goals of the Paris Agreement.³⁹³³ Deputy Prime Minister Novak stressed the need for a smooth and gradual transition to a zero-emission economy and shared that Russia has already succeeded in reducing emissions by 70 per cent compared to 1990 levels.

On 14 April 2025, Russia approved its Energy Strategy for 2025-2050, outlining plans to ensure energy security and competitiveness, ensure the success of the “the oil, gas, coal sectors, electric power industry” and incorporate more renewable energy.³⁹³⁴

On 14 May 2025, the Ministry of Energy announced that a modernized hydroelectric unit has begun operation at the Krasnoyarsk hydroelectric plant.³⁹³⁵ This unit has a capacity of 500 megawatts which will increase the plant's annual electricity generation by 5 per cent.

On 29 May 2025, Deputy Minister of Energy Petr Konyushenko and Kazakhstan's Vice Minister of Energy Alibek Zhamaurov discussed cooperation for gas and oil, including the development of new oil fields,

³⁹³⁰ О новых инвестициях в чистую энергию, Government of Russia (Moscow) 25 November 2024. Translation provided by Google Translate. Access Date: 29 March 2025. <http://government.ru/en/news/53701/>

³⁹³¹ О развитии атомной энергетики и проекта 'Зеленая Киберферма, Government of Russia (Moscow) 5 December 2024. Translation provided by Google Translate. Access Date: 29 March 2025. <http://government.ru/en/news/53580/>

³⁹³² О повышении энергоэффективности национальной экономики, Government of Russia (Moscow) 12 December 2024. Translation provided by Google Translate. Access Date: 29 March 2025. <http://government.ru/en/news/53442/>

³⁹³³ Alexander Novak's meeting with Kenyan Presidential Special Envoy for Climate Change, Africa Group of Negotiators Chair Ali Daud Mohamed, The Russia Government (Moscow) 19 February 2025. Access Date: 31 March 2025. <http://government.ru/en/news/54276/>

³⁹³⁴ Утверждена Энергетическая стратегия РФ до 2050 года, Минэнерго России (Moscow) 14 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=utverzhdena-energeticheskaya-strategiya-rf-do-2050-goda>

³⁹³⁵ Модернизированный гидроагрегат увеличит среднегодовую выработку электроэнергии Красноярской ГЭС до 5%, Минэнерго России (Moscow) 14 May 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=modernizirovanny-gidroagregat-velichit-srednegodovuyu-vyrabotku-elektroenergii-krasnoyarskoy-ges-d>

transportation and supplies.³⁹³⁶ The pair also discussed the construction of thermal power plants and future opportunities for renewable energy cooperation.

On 3 July 2025, the Ministry of Energy announced the opening of a new coal mine in Neryungrinsky district, Yakutia with a capacity of 750,000 tonnes of grade “K” coal per year.³⁹³⁷ This action is antithetical to the commitment as coal is a major source of greenhouse gas emissions.

On 16 July 2025, Minister of Energy Serget Tsivilev and Representative of the Executive Authority of St Petersburg Valentina Matviyenko launched public facilities which will be connected to natural gas in four regions in Russia.³⁹³⁸ Natural gas is viewed as more environmentally friendly than other fossil fuels but still emits greenhouse gases.

On 22 July 2025, RusHydro, Russia’s largest hydroelectric company, launched the Tower Hydroelectric Power Station in the Chechen Republic.³⁹³⁹ The power station is estimated to be capable of generating 52 million kilowatt-hours of electricity per year, approximately enough to power 10,000 households. Furthermore, RusHydro designed the station to minimize environmental impacts, preserving the course of the Argun River and surrounding land.

On 4 August 2025, the Ministry of Energy and regional representatives of the Donbas region held discussions focused on the support and development of the coal industry in the Luhansk and Donetsk People’s Republics.³⁹⁴⁰

On 4 August 2025, Prime Minister Mikhail Mishustin announced the allocation of approximately RUB5.5 billion under a national project to deploy around 2,000 new charging stations and hubs for electric vehicles within the next three years.³⁹⁴¹ He highlighted that expanding this infrastructure across the country is essential to ensure convenient charging for owners and to stimulate greater demand for electric vehicles.

On 6 August 2025, President Vladimir Putin signed a decree setting Russia’s maximum allowed greenhouse gas emissions to 2 billion tonnes of carbon dioxide by 2035, a one-fifth increase compared to 2021 levels.³⁹⁴² This reflects the dependence of the Russian economy on oil and gas exports and the Russian government’s lack of action to phase out fossil fuels despite its aim to achieve net zero emissions by 2060.

³⁹³⁶ Петр Конюшенко провел встречу с вице-министром энергетики Казахстана Алибеком Жамауовым, Минэнерго России (Moscow) 30 May 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=petr-konyushenko-provel-vstrechu-s-vitse-ministrom-energetiki-kazakhstana-alibekom-zhamauovym>

³⁹³⁷ В Якутии открылся новый угольный разрез, Минэнерго России (Moscow) 3 July 2025. Translation provided by Google Translate. Access Date: 4 August 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=v-yakutii-otkrylsya-novyy-ugolnyy-razrez-9>

³⁹³⁸ Сергей Цивилев и Валентина Матвиенко дали старт газоснабжению ключевых объектов в четырех регионах РФ, Минэнерго России (Moscow) 16 July 2025. Translation provided by Google Translate. Access Date: 4 August 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=sergey-tsivilev-i-valentina-matvienko-dali-start-gazosnabzheniyu-klyuchevykh-obektov-v-chetyrekh-reg>

³⁹³⁹ РусГидро построило и ввело в работу Башенную ГЭС в Чеченской Республике, Минэнерго России (Moscow) 22 July 2025. Translation provided by Google Translate. Access Date: 10 August 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=rusgidro-postroilo-i-vvelo-v-rabotu-bashennuyu-ges-v-chechenskoj-respublike>

³⁹⁴⁰ Сергей Цивилев провел совещание по развитию угольной промышленности Донбасса, Минэнерго России (Moscow) 5 August 2025. Translation provided by Google Translate. Access Date: 10 August 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=sergey-tsivilev-provel-soveshchanie-po-razvitiyu-ugolnoy-promyshlennosti-donbassa->

³⁹⁴¹ Meeting with deputy prime ministers on current issues, The Russian Government (Moscow) 4 August 2025. Access Date: 21 August 2025. <http://government.ru/en/news/55830/>

³⁹⁴² Putin decree allows Russia to increase greenhouse gas emissions, France 24 (Moscow) 6 August 2025. Access Date: 17 October 2025. <https://www.france24.com/en/live-news/20250806-putin-decree-allows-russia-to-increase-greenhouse-gas-emissions>

On 12 September 2025, the Ministry of Energy took part in the 29th Council of the International Renewable Energy Agency Council in Abu Dhabi and outlined plans to scale renewables, including a fourfold increase in planned solar and wind generation by 2042 with more than 17 gigawatts to be built, using market based support models without direct subsidies to select the most efficient projects and cut power sector emissions.³⁹⁴³

On 18 September 2025, the Ministry of Energy announced an import substitution strategy for the fuel and energy complex that prioritizes domestic technologies to sustain oil, gas and coal development.³⁹⁴⁴ This approach reinforces long-term reliance on fossil fuels, risks locking in high-carbon infrastructure. This is antithetical to the commitment which aims to cut greenhouse gas emissions and align with global climate goals.

On 26 September 2025, Minister Tsivilev announced that nuclear power accounts for approximately 20 per cent of Russia's electricity generation, with plans to increase it to 25 per cent by 2050.³⁹⁴⁵ Minister Tsivilev further described plans for the construction of further nuclear power plants in the Far East, the Urals and Siberia.

On 10 October 2025, Deputy Minister of Energy Roman Marshavin reaffirmed Russia's plan to maintain its reliance on traditional energy sources, namely hydrocarbons, while simultaneously increasing its production of renewable energy, including nuclear energy and hydrogen energy.³⁹⁴⁶

On 10 October 2025, Russia's Ministry of Energy participated in the International Atomic Energy Agency Ministerial Conference on Nuclear Power and in the G20 ministerial session on the energy transition, presenting plans to expand nuclear generation and deepen international cooperation on fuel cycle services, workforce training, and new build projects.³⁹⁴⁷ The ministry framed nuclear power as a key low carbon source to cut power sector emissions and strengthen long term energy security.

Russia has not complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Russia has taken some actions towards the commitment including opening a modernized hydroelectric plant, discussing opportunities for renewable energy cooperation, mentioning increasing renewable energy in its Energy Strategy, emphasizing the need for a net zero economy and launching the Green Cyber Farm project. However, Russia has also outlined plans to increase oil and gas sector activities in its Energy Strategy and during a meeting with Kazakhstan and indicated

³⁹⁴³ Минэнерго приняло участие в заседании Совета Международного агентства по возобновляемой энергии (IRENA), Ministry of Energy of the Russian Federation (Moscow) 12 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://minenergo.gov.ru/?news-item=minenergo-prinyalo-uchastie-v-zasedanii-soveta-mezhdunarodnogo-agentstva-po-vozobnovlyemoy-energii>

³⁹⁴⁴ Минэнерго: импортозамещение и новые технологии обеспечат устойчивость российского ТЭК, Ministry of Energy of the Russian Federation (Moscow) 18 September 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=minenergo-importozameshchenie-i-novye-tehnologii-obespechat-ustoychivost-rossiyskogo-tek>

³⁹⁴⁵ Сергей Цивилев: доля атомной генерации в РФ составляет около 20% от всего объема выработки электроэнергии, Ministry of Energy of the Russia Federation (Moscow) 26 September 2025. Translation provided by Google Translate. Access Date: 17 October 2025. <https://www.france24.com/en/live-news/20250806-putin-decree-allows-russia-to-increase-greenhouse-gas-emissionshttps://minenergo.gov.ru/press-center/news-and-events?news-item=sergey-tsvilev-dolya-atomnoy-generatsii-v-rf-sostavlyayet-okolo-20-ot-vsego-obema-vyrabotki-elektroe>

³⁹⁴⁶ Минэнерго приняло участие в Министерской конференции по атомной энергетике и Министерском заседании «Группы двадцати» по проблемам энергоперехода под председательством ЮАР, Ministry of Energy of the Russia Federation (Moscow) 10 October 2025. Translation provided by Google Translate. Access Date: 17 October 2025. <https://minenergo.gov.ru/press-center/news-and-events?news-item=minenergo-prinyalo-uchastie-v-ministerskoy-konferentsii-po-atomnoy-energetike-i-ministerskom-zasedan>

³⁹⁴⁷ Минэнерго приняло участие в Министерской конференции по атомной энергетике и Министерском заседании по проблемам энергоперехода, Ministry of Energy of the Russian Federation (Moscow) 10 October 2025. Translation provided by Google Translate. Access Date: 27 October 2025. <https://minenergo.gov.ru/?news-item=minenergo-prinyalo-uchastie-v-ministerskoy-konferentsii-po-atomnoy-energetike-i-ministerskom-zasedan>

its support to develop the coal industry. Additionally, it has not taken sufficient action to qualify for partial compliance.

Thus, Russia receives a score of -1 .³⁹⁴⁸

Analyst: Isebel Sousa

Saudi Arabia: 0

Saudi Arabia has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 22 November 2024, the Ministry of Energy announced that Saudi Arabia had joined the International Partnership for Hydrogen and Fuel Cells in the Economy to promote clean hydrogen development.³⁹⁴⁹ The decision was made to support Saudi Arabia's goal to reduce greenhouse gas emissions and achieve net-zero through the circular carbon economy approach.

On 3 December 2024, Saudi Arabia hosted the fourth Saudi Green Initiative Forum and announced USD60 million in new funding for climate and environmental initiatives.³⁹⁵⁰ This funding will support renewable energy projects, protection of natural ecosystems and reducing desertification. Saudi Arabia also announced SAR225 million for new five new climate initiatives aimed at advancing reforestation efforts to reduce air pollution, increase biodiversity and reduce carbon emissions.

On 3 December 2024, Saudi Arabia signed deals with EDF Renewables and Total Energies for the construction of 1.7 gigawatts (GW) of solar projects.³⁹⁵¹ EDF will develop the 1 GW Al-Masaa and 400 megawatts (MW) Al-Henakiyah 2 plants, while Total Energies will undertake the 300 MW Rabigh 2 project.

On 12 February 2025, the Saudi Electricity Company, ACWA Power and Korea Electric Power Corporation signed a SAR15 billion power purchase agreement with the Saudi Power Procurement Company for two power generation projects.³⁹⁵² The projects will add 3.6 GW of capacity using cleaner gas turbine technology to help reduce emissions and support economic growth.

On 14 January 2025, Minister of Energy Abdulaziz Bin Salman Al-Saud and Italy's Minister of Environment and Energy Security Gilberto Pichetto signed a Memorandum of Understanding for energy.³⁹⁵³ The countries will collaborate to advance the energy transition and energy security through the advancement of renewable energy, decreasing methane emissions, carbon capture and storage and supporting supply chain projects in developing countries.

³⁹⁴⁸ This score of non-compliance has been determined after consulting the following websites: <https://minenergo.gov.ru>, <http://government.ru/>, <http://www.mnr.gov.ru> and <https://mintrans.gov.ru>.

³⁹⁴⁹ Saudi Arabia Joins the International Partnership for the Hydrogen and Fuel Cells in the Economy, Saudi Press Agency (Riyadh) 22 November 2024. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2212026>

³⁹⁵⁰ Saudi Arabia advances climate action at the 2024 SGI Forum, Saudi and Middle East Green Initiatives (Riyadh) 3 December 2024. Access Date: 16 May 2025. <https://www.sgi.gov.sa/knowledge-hub/saudi-arabia-advances-climate-action-at-the-2024-sgi-forum/?csrt=12211337348035047949>

³⁹⁵¹ TotalEnergies, EDF claim 1.7 GW in Saudi solar deal during Macron visit, Renewables Now (Sofia) 4 December 2024. Access Date: 13 April 2025. <https://renewablesnow.com/news/totalenergies-edf-claim-1-7-gw-in-saudi-solar-deal-during-macron-visit-1267556/>

³⁹⁵² Saudi Electricity Company, ACWA Power, KEPCO Sign SAR15 Billion PPA, Government of Saudi Arabia (Riyadh) 12 February 2025. Access Date: 16 May 2025. https://www.se.com.sa/en/News/Shareholders/ArticleFolder/2024/11/11-19-2024-8_03_05-AM

³⁹⁵³ Energia: firmato a Riad un memorandum tra Italia e Arabia Saudita, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 14 January 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.mase.gov.it/portale/-/energia-firmato-a-riad-un-memorandum-tra-italia-e-arabia-saudita>

On 26 January 2025, Chief Executive Officer of Italy's Investment Bank Cassa Depositi e Prestiti Dario Scannapieco signed a protocol with the Saudi Fund for Development and a second protocol with ACWA Power.³⁹⁵⁴ These agreements include a focus on renewable energy initiatives in Africa.

On 8 February 2025, a Memorandum of Understanding (MoU) was signed between the Saudi Electricity Company and Hitachi Energy to adopt advanced electrical switch technology free from sulfur hexafluoride.³⁹⁵⁵ The proposed alternatives aim to reduce emissions of this greenhouse gas while maintaining technical performance and safety, contributing to environmental sustainability in the energy sector and supporting Saudi Arabia's clean energy transition.

On 10 February 2025, a MoU was signed between the Oil Sustainability Program and Alternative Energy Solutions Limited to support environmental sustainability in mobile energy systems.³⁹⁵⁶ The agreement aims to advance carbon emission reduction technologies and promote research, innovation, and technology transfer, contributing to long-term greenhouse gas mitigation in the energy sector.

On 12 February 2025, Minister of Industry and Mineral Resources Bandar Alkhorayef met with United States Secretary of Energy Jennifer Granholm to discuss enhancing cooperation between Saudi Arabia and the United States in clean energy and sustainable mining.³⁹⁵⁷ The ministers focused on boosting trade in non-oil exports, encouraging investment in mining projects and supporting climate-oriented goals under the Saudi Green Initiative which aims to address climate change and promote sustainability in the energy and industry sectors.

On 12 February 2025, the Transport General Authority launched Saudi Arabia's first hydrogen-powered bus as part of efforts to develop sustainable intercity transport.³⁹⁵⁸ The bus will operate between Dammam and Al-Ahsa, covering 359 kilometres daily with a capacity of 45 passengers. This trial supports the National Transport and Logistics Strategy by promoting eco-friendly technology and reducing carbon emissions in transportation, in alignment with the Saudi Green Initiative.

On 12 February 2025, Minister of Energy Prince Abdulaziz bin Salman bin Abdulaziz met with Japan's Minister of Economy, Trade and Industry Yoji Muto to advance bilateral energy cooperation.³⁹⁵⁹ The ministers reaffirmed joint commitments to energy transition and welcomed progress under the Manar Initiative, a Saudi-Japanese collaboration initiative in the clean energy field, launched in 2023.

On 20 February 2025, the Saudi Electricity Company and ACWA Power signed a Power Purchase Agreement with the Saudi Power Procurement Company for the Qurayyah Independent Power Plant Expansion Project.³⁹⁶⁰ The expansion will develop a Combined Cycle Gas Turbine power plant with a capacity of 3,010 MW and readiness for a carbon capture unit. The total project value amounts to SAR13.4 billion. This approach will phase out oil-based power generation in favour of clean energy sources, contributing to emissions reduction in line with Saudi Vision 2030.

³⁹⁵⁴ CDP a Riad, firmati accordi su rinnovabili e infrastrutture, Cassa Depositi e Prestiti S.p.A. (Rome) 27 January 2025. Translation provided by Google Translate. Access Date: 29 June 2025.

https://www.cdp.it/sitointernet/page/it/cdp_a_riad_firmati_accordi_su_rinnovabili_e_infrastrutture?contentId=PRG86

³⁹⁵⁵ SEC, Hitachi Energy Strengthen Partnership to Adopt Eco-Friendly Technology, Saudi Press Agency (Riyadh) 8 February 2025. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2257623>

³⁹⁵⁶ Oil Sustainability Program Signs MoU to Support Environmental Sustainability and Carbon Emission Reduction in Mobile Energy, Saudi Press Agency (Riyadh) 10 February 2025. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2259059>

³⁹⁵⁷ Saudi Industry Minister, US Energy Secretary Discuss Enhancing Cooperation in Clean Energy, Critical Minerals, Government of Saudi Arabia (Riyadh) 12 February 2025. Access Date: 25 June 2025. <https://my.gov.sa/en/news/16363>

³⁹⁵⁸ Prince Saud bin Talal Launches First Hydrogen-Powered Bus in Saudi Arabia, Government of Saudi Arabia (Al-Ahsa) 12 February 2025. Access Date: 16 May 2025. <https://my.gov.sa/en/news/16620>

³⁹⁵⁹ Energy Minister Discusses Cooperation with Japan's Minister of Economy, Trade, Industry, Government of Saudi Arabia (Riyadh) 12 February 2025. Access Date: 16 May 2025. <https://my.gov.sa/en/news/16680>

³⁹⁶⁰ Saudi Electricity Company, ACWA Power Sign Power Purchase Agreement for Qurayyah IPP Expansion Project, Government of Saudi Arabia (Riyadh) 20 February 2025. Access Date: 16 May 2025. <https://my.gov.sa/en/news/26065>

On 4 March 2025, the National Energy Services Company and Qassim University launched a solar photovoltaic project to install panels across the university's buildings and facilities.³⁹⁶¹ The project will generate 5,137 kilowatts of power and prevent 4,000 metric tonnes of carbon emissions.

On 20 March 2025, the majority-government owned company Saudi Aramco launched Saudi Arabia's first direct air capture test unit to remove carbon dioxide from the atmosphere.³⁹⁶² The facility, developed in collaboration with Siemens Energy, was designed to support Aramco's net-zero strategy and aims to advance carbon capture technologies that contribute to sustained reductions in greenhouse gas emissions in the energy sector.

On 24 March 2025, Saudi Aramco, a majority government-owned company, completed the acquisition of a 50 per cent stake in the Jubail-based Blue Hydrogen Industrial Gases Company, a joint venture with Air Products Qudra.³⁹⁶³ Saudi Aramco Executive Vice President of Strategy and Corporate Development Ashraf Al Ghazzawi said the investment will help build a hydrogen network in the Eastern Region to reduce emissions and diversify energy.

On 27 March 2025, Saudi Arabia celebrated the second annual Saudi Green Initiative Day, highlighting progress on national climate and energy goals, including substantial investments in renewable energy and emissions reductions.³⁹⁶⁴

On 8 April 2025, Chief Executive Officer of the Saudi Fund Development Sultan bin Abdulrahman Al-Marshad signed a SBD10 million loan agreement with Solomon Islands Minister of Finance and Treasury Manasseh Sogavare to finance a renewable energy project.³⁹⁶⁵ This project will develop solar power stations to reduce the Solomon Islands' reliance on conventional energy sources, supporting the transition to renewable energy.

On 22 May 2025, Saudi Aramco being operating a megawatt-scale iron-vanadium flow battery system to support renewable energy storage for gas well operations.³⁹⁶⁶ The system was developed as part of Aramco's net-zero strategy and intends to reduce greenhouse gas emissions and improve energy efficiency in the energy sector.

On 17 June 2025, the General Authority of Civil Aviation signed a MoU with Airbus to strengthen cooperation in environmental sustainability within the aviation sector.³⁹⁶⁷ The agreement outlines joint efforts to reduce carbon emissions through low-carbon and sustainable aviation fuels and supports knowledge-sharing initiatives to build specialized environmental capacity.

On 15 August 2025, Director General of Asia Operations of the SFD Saud Ayid Alshammari attended the signing ceremony of consulting contracts for SFD-funded development projects in Pakistan.³⁹⁶⁸ The ceremony marked the start of consulting services for the Shauntar Hydropower Project, financed by an SFD development

³⁹⁶¹ Tarshid Launches Solar PV Project at Qassim University, Government of Saudi Arabia (Riyadh) 4 March 2025. Access Date: 16 May 2025. <https://my.gov.sa/en/news/53159>

³⁹⁶² Aramco Launches Saudi Arabia's First CO2 Direct Air Capture Test Unit, Saudi Press Agency (Dhahran) 20 March 2025. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2285386>

³⁹⁶³ Saudi Aramco Completes Acquisition of 50% Stake in Blue Hydrogen Company, Government of Saudi Arabia (Dhahran) 24 March 2025. Access Date: 16 May 2025. <https://my.gov.sa/en/news/143056>

³⁹⁶⁴ SGI DAY 2025: Promoting a Culture of Environmental Stewardship, Saudi & Middle East Green Initiatives (Riyadh) 27 March 2025. Access Date: 25 June 2025. <https://www.sgi.gov.sa/knowledge-hub/sgi-day-2025-promoting-a-culture-of-environmental-stewardship/?csrt=87225310555485705>

³⁹⁶⁵ Saudi Fund For Development Signs First Development Loan Agreement To Support Renewable Energy Project In The Solomon Islands Woth \$10 Million Solomon Islands, Saudi Fund for Development (Riyadh) 8 April 2025. Access Date: 4 August 2025. <https://www.sfd.gov.sa/en/n896>

³⁹⁶⁶ Aramco Becomes First in the World to Operate Advanced Renewable Energy Storage System for Gas Operations, Saudi Press Agency (Dhahran) 22 May 2025. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2323522>

³⁹⁶⁷ GACA, Airbus Sign MoU to Advance Environmental Sustainability in Aviation, Saudi Press Agency (Paris) 17 June 2025. Access Date: 25 June 2025. <https://www.spa.gov.sa/en/N2341429>

³⁹⁶⁸ Consulting Contracts Signed For SFD-Funded Development Projects In Pakistan, Saudi Fund for Development (Islamabad) 15 August 2025. Access Date: 22 October 2025. <https://www.sfd.gov.sa/en/n976>

loan of USD66 million and the Jagran-IV Hydropower Project, financed by an SFD development loan of USD35 million. These projects aim to enhance Pakistan's renewable energy capacity, promote sustainable power generation and strengthen bilateral cooperation.

On 26 August 2025, Saudi Arabia's Ministry of Energy and Brazil's Ministry of Mines and Energy launched an action plan for energy cooperation to strengthen collaboration in renewable energy, low-carbon hydrogen and energy transition.³⁹⁶⁹ The plan outlines initiatives in oil, gas, renewable energy, petrochemicals and sustainability, and establishes technical working groups to develop projects that advance energy security and a just, inclusive transition in both countries.

On 7 October 2025, President of King Abdulaziz City for Science and Technology Munir Eldesouki reaffirmed Saudi Arabia's commitment to achieving net-zero emissions by 2060 through a national innovation strategy focused on clean energy and carbon reduction technologies.³⁹⁷⁰ The announcement outlined initiatives to cut 278 million tons of carbon emissions annually, capture 44 million tons of carbon dioxide each year by 2035 and reach a 50 per cent clean energy mix by 2030. The statement also referenced projects on carbon capture, large-scale energy storage and green hydrogen production. These actions support deep and sustained reductions in greenhouse gas emissions in the energy and industry sectors.

Saudi Arabia has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Saudi Arabia has taken strong action to reduce carbon emissions in the energy, buildings, transportation and agriculture, forestry and land use sectors through funding for reforestation efforts aimed at increasing carbon sinks, launching a solar photovoltaic project for buildings and a hydrogen-powered bus and funding solar projects. It has also taken weak action towards the commitment by discussing energy cooperation with Japan and committing to collaboration with Italy on methane emissions reduction and carbon capture. However, Saudi Arabia has not taken strong action across most of the commitment.

Thus, Saudi Arabia receives a score of 0.

Analysts: Candace Ciju and Harleen Kaur

South Africa: 0

South Africa has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 26 November 2024, the South African National Treasury responded to the International Monetary Fund's (IMF) Article IV Consultation for South Africa.³⁹⁷¹ The IMF outlined South Africa's areas of improvement for economic growth, which included reducing its carbon emissions. In its response, the National Treasury reaffirmed its commitment to implementing the IMF's recommendations.

³⁹⁶⁹ Brasil e Arábia Saudita dão início a plano de ação para cooperação energética, Ministério de Minas e Energia (Brasília) 26 August 2025. Translation provided by Google Translate. Access Date: 22 October 2025. <https://www.gov.br/mme/pt-br/assuntos/noticias/brasil-e-arabia-saudita-dao-inicio-a-plano-de-acao-para-cooperacao-energetica>

³⁹⁷⁰ KACST President Affirms Saudi Arabia's Commitment to Clean Energy Solutions, Investing in Deep Technologies for Sustainability, Saudi Press Agency (Riyadh) 7 October 2025. Access Date: 8 October 2025. <https://www.spa.gov.sa/en/N2415722>

³⁹⁷¹ Response to the Staff Concluding Statement of the 2024 International Monetary Fund (IMF) Article IV Consultation for South Africa, National Treasury Republic of South Africa (Pretoria) 26 November 2024. Access Date: 26 March 2025. https://www.treasury.gov.za/comm_media/press/2024/2024112601%20Media%20statement%20-%20IMF%20Concluding%20Statement.pdf

On 4 December 2024, the National Treasury released an online survey for citizens to provide feedback on renewable energy tax incentives.³⁹⁷² The survey is used to assess the success the solar energy tax credit and the enhanced deduction for renewable energy investments which aim to encourage green energy technologies.

On 23 December 2024, Minister of Electricity and Energy Kgosientsho Ramokgopa announced bidders for the Renewable Energy Independent Power Producer Procurement Programme.³⁹⁷³ This program is designed to facilitate the procurement of up to 5,000 megawatts of renewable energy capacity.

On 3 January 2025, President Cyril Ramaphosa signed into law a 150 per cent tax deduction on investments in electric and hydrogen-powered vehicles.³⁹⁷⁴

On 15 February 2025, Minister of Environment, Forestry and Fisheries Dion George attended the Committee of African Heads of State and Government on Climate Change in Ethiopia.³⁹⁷⁵ During the meeting, participants discussed greenhouse gas reduction, climate adaptation and mitigation strategies.

On 12 March 2025, President Ramaphosa, President of the European Commission Ursula von der Leyen and President of the European Council António Costa signed a joint statement on various issues including supply chains and energy transition technologies.³⁹⁷⁶ The members agreed to launch negotiations for a “Clean Trade and Investment Partnership.” This partnership will include investment in raw materials supply chains and renewable energy projects.

On 13 March 2025, President Ramaphosa spoke at the eighth South Africa-European Union Summit, where he welcomed the European Union’s EUR4.7 billion Gateway Investment Package and announced their Clean Trade and Investment Partnership.³⁹⁷⁷ These initiatives will support South Africa’s green hydrogen and renewable energy development, allowing the country to export sustainable aviation fuel and electric vehicles to the EU.

On 26 March 2025 Minister George represented South Africa at the Petersberg Climate Dialogue in Berlin, Germany.³⁹⁷⁸ He participated in international discussions on climate change, including implementing actions to meet the Paris Agreement and the Global Stocktake.

³⁹⁷² Invitation to Participate in the Renewable Energy Tax Incentive Review Online Survey, National Treasury Republic of South Africa (Pretoria) 4 December 2024. Access Date: 26 March 2025. https://www.treasury.gov.za/comm_media/press/2024/2024120401%20Media%20Statement%20-%20Invitation%20to%20Participate%20in%20the%20Renewable%20Energy%20Tax%20Incentive%20Review%20Online%20Survey.pdf

³⁹⁷³ Minister Kgosientsho Ramokgopa on 8 Preferred Bidders under Renewable Energy Independent Power Producer Procurement Programme and 8 Preferred Bidders under Battery Energy Storage Independent Power Producer Procurement P, Government of South Africa (Cape Town) 23 December 2024. Access Date: 21 March 2025. <https://www.gov.za/news/media-statements/minister-kgosientsho-ramokgopa-8-preferred-bidders-under-renewable-energy>

³⁹⁷⁴ South Africa Launches Tax Break, Helping to Lure China EV Makers, BNN Bloomberg (Johannesburg) 3 January 2025. Access Date: 16 April 2025. <https://www.bnnbloomberg.ca/investing/commodities/2025/01/03/ev-tax-break-may-lure-china-to-27-billion-south-africa-industry/>

³⁹⁷⁵ Minister Dion George attends Committee of African Heads of State and Government on Climate Change (CAHOSCC) in Addis Ababa, Ethiopia, Government of South Africa (Pretoria) 14 February 2025. Access Date: 26 March 2025.

<https://www.gov.za/news/media-advisories/visits-foreign-countries/minister-dion-george-attends-committee-african-heads>
³⁹⁷⁶ EU - South Africa Summit Declaration, European Commission (Cape Town) 12 March 2025. Access Date: 15 May 2025. https://ec.europa.eu/commission/presscorner/detail/en/statement_25_773

³⁹⁷⁷ Remarks by President Ramaphosa at the Joint Press Conference: South Africa- European Union Summit, The Presidency Republic of South Africa (Pretoria) 13 March 2025. Access Date: 26 March 2025. <https://www.thepresidency.gov.za/remarks-president-ramaphosa-joint-press-conference-south-africa-european-union-summit>

³⁹⁷⁸ Minister Dion George attends Petersberg Climate Dialogue, 25 to 26 Mar, Department of Forestry, Fisheries and the Environment (Pretoria) 24 March 2025. Access Date: 27 March 2025. <https://www.gov.za/news/media-advisories/visits-foreign-countries/minister-dion-george-attends-petersberg-climate>

On 28 March 2025, the Cabinet approved the South Africa Renewable Energy Master Plan. This plan pursues a target of developing three to five gigawatts of energy generation to support domestic manufacturing.³⁹⁷⁹ The plan also outlines strategies to boost job creation and economic growth in solar, wind and battery manufacturing, maintain market competition and facilitate reliable and affordable energy.

On 13 June 2025, the Ministry of Electricity and Energy launched the South African Renewable Energy Masterplan (SAREM) during the Africa Green Hydrogen Summit.³⁹⁸⁰ SAREM aims to industrialize the renewable energy and battery storage sector, ensuring a just energy transition and creating jobs within the sector.

On 21 July 2025, Minister George approved the publication of the National Greenhouse Gas Carbon Budget and Mitigation Plan Regulations draft.³⁹⁸¹ This allows public commentary on South Africa's carbon reduction strategy from stakeholders such as civil society, businesses and academics.

On 30 July 2025, Minister Ramokgopa delivered the Opening Address at the third Energy Transitions Working Group meeting under South Africa's G20 Presidency.³⁹⁸² Minister Ramokgopa called on the G20 to advance Sustainable Development Goal Seven by mobilizing climate and development finance and support Africa's energy aspirations through practical interventions and partnerships. He further underscored the need for a technology-inclusive approach that balances decarbonisation with reliability and affordability.

On 28 October 2025, Minister of Transport Barbara Creecy announced the launch of the government-owned Passenger Rail Agency of South Africa (PRASA)'s Renewable Energy Project.³⁹⁸³ Through this project, solar power systems will be installed at key PRASA stations and facilities across South Africa.

South Africa has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. South Africa has taken strong action to reduce greenhouse gas emissions through tax deductions for electric and hydrogen vehicles and the Renewable Energy Independent Power Producer Procurement Programme. It has also taken weak action through the South Africa Renewable Energy Master Plan, partnership with the EU, participation in the Petersberg Climate Dialogue and reaffirming its commitment to carbon emissions reductions. However, it has not taken strong action across most of the commitment.

Thus, South Africa receives a score of 0.

Analyst: Kaitlin Yan

Türkiye: 0

Türkiye has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

³⁹⁷⁹ Minister Kgosientsho Ramokgopa welcomes Cabinet's approval of the South African Renewable Energy Master Plan, government, Government of South Africa (Cape Town) 28 March 2025, Access Date: 8 May 2025. <https://www.gov.za/news/media-statements/minister-kgosientsho-ramokgopa-welcomes-cabinet%E2%80%99s-approval-south-african>

³⁹⁸⁰ Electricity and Energy on renewable energy industrialisation and skills development, Government of South Africa (Cape Town) 20 June 2025. Access Date: 4 August 2025. <https://www.gov.za/news/media-statements/electricity-and-energy-renewable-energy-industrialisation-and-skills>

³⁹⁸¹ Minister Dion George Approves Publication of Draft National Greenhouse Gas Carbon Budget and Mitigation Plan Regulations, Department of Forestry, Fisheries and Environment (Pretoria) 21 July 2025. Access Date: 09 August 2025.

³⁹⁸² Minister Kgosientsho Ramokgopa: 3rd Energy Transition Working Group (ETWG) Meeting, Government of South Africa (Pretoria) 30 July 2025, Access Date: 21 August 2025. <https://www.gov.za/news/media-statements/minister-kgosientsho-ramokgopa-3rd-energy-transition-working-group-etwg>

³⁹⁸³ Keynote address by the Minister of Transport, Hon. Barbara Creecy at the launch of PRASA's Renewable Energy Project, Train Set 300, and Isipingo Mall, Government of South Africa (eThekweni) 28 October 2025. Access Date: 9 November 2025. <https://www.gov.za/news/speeches/minister-barbara-creecy-launch-prasa%E2%80%99s-renewable-energy-project-28-oct-2025>

On 27 November 2024, Minister of Energy Alparslan Bayraktar discussed strategies for energy transitions with Germany and private stakeholders at the German-Turkish Energy Forum.³⁹⁸⁴ Minister Bayraktar called for German investors to partner in Türkiye's efforts to increase wind and solar capacity and several memoranda of understanding were signed between Turkish and German organizations.

On 29 November 2024, Minister of Energy and Natural Resources Alparslan Bayraktar shared Türkiye's "plans to increase its capacity in wind and solar energy from 30 gigawatts to 120 gigawatts in line with the 2035 roadmap in Renewable Energy."³⁹⁸⁵ Minister Bayraktar noted that Türkiye will invest TRY108 billion for this initiative and the United Kingdom will provide a GBP2 billion investment to increase renewable energy capacity, offshore wind energy and Renewable Energy Resource Areas (YEKA) projects.

On 22 January 2025, Türkiye revealed that it is planning to present its first "Climate Law Proposal" at the Turkish Grand National Assembly.³⁹⁸⁶ The proposal is expected to include measures to include renewable energy and designate responsibilities to ministries to achieve the net zero transition by 2053.

On 4 February 2025, Minister Bayraktar announced TRY500 billion in funding for 67 YEKA projects aimed at advancing solar energy capacity in the country.³⁹⁸⁷ These projects are expected to "generate 1.5 billion kilowatt-hours of electricity per year," supporting various sectors including industry and buildings.

On 11 February 2025, President Recep Tayyip Erdogan reaffirmed the partnership between Malaysia and Türkiye during a visit to Malaysia.³⁹⁸⁸ The countries recognized "the need to cooperate in the field of energy transition" and committed increasing cooperation for biotechnology and renewable energy.

On 12 February 2025, the Ministry of Energy and Natural Resources and Indonesia's Ministry of Energy and Mineral Resources announced cooperation to accelerate clean energy development in Indonesia, including the signing of a Memorandum of Understanding.³⁹⁸⁹ This collaboration will bolster Indonesia's commitment to clean power generation.

On 21 February 2025, Türkiye presented the country's first climate law proposal in Parliament.³⁹⁹⁰ The draft law proposes the creation of a carbon market board and an emissions trading system, sets fines of TRY500,000 to TRY10,000,000 to entities that fail to submit verified greenhouse gas emissions reports.

³⁹⁸⁴ 6th Turkish-German Energy Forum, Türkiye Energy Partnership (Berlin) 27 November 2024. Access Date: 16 April 2025. <https://energypartnership-turkiye.org/highlights/6th-turkish-german-energy-forum/>

³⁹⁸⁵ Great Interest in 2035 Roadmap in Renewable Energy, T.C. Enerji ve Tabii Kaynaklar Bakanlığı (Ankara) 29 November 2024. Access Date: 29 June 2025. <https://enerji.gov.tr/news-detail?id=21410>

³⁹⁸⁶ Türkiye sets net zero emissions target with new climate law proposal, Daily Sabah (Ankara) 22 January 2025. Access Date: 24 March 2025. <https://www.dailysabah.com/turkiye/turkiye-sets-net-zero-emissions-target-with-new-climate-law-proposal/news/amp>

³⁹⁸⁷ 500 Million Dollar Investment in Solar Energy, T.C. Enerji ve Tabii Kaynaklar Bakanlığı (Ankara) 4 February 2025. Access Date: 29 June 2025. <https://enerji.gov.tr/news-detail?id=21446>

³⁹⁸⁸ Joint Statement Between Malaysia and the Republic of Türkiye on the Occasion of the Official Visit of His Excellency Recep Tayyip Erdoğan President of the Republic of Türkiye To Malaysia, Ministry of Foreign Affairs of Malaysia (Putrajaya) 11 February 2025. Access Date: 24 March 2025. <https://www.kln.gov.my/web/guest/-/joint-statement-between-malaysia-and-the-republic-of-turkiye-on-the-occasion-of-the-official-visit-of-his-excellency-recep-tayyip-erdogan-president-of>

³⁹⁸⁹ Disaksikan Presiden Prabowo dan Presiden Erdogan, Menteri Bahlil Teken Kerja Sama di Sektor Energi, Ministry of Energy and Natural Resources (Jakarta) 12 February 2025. Translation provided by Google Translate. Access date: 10 May 2025. <https://www.esdm.go.id/en/media-center/news-archives/disaksikan-presiden-prabowo-dan-presiden-erdogan-menteri-bahlil-teken-kerja-sama-di-sektor-energi>

³⁹⁹⁰ Türkiye's first climate law submitted to parliament, Hürriyet Daily News (Ankara) 21 February 2025. Access Date: 24 March 2025. <https://www.hurriyetdailynews.com/turkeyes-first-climate-law-submitted-to-parliament-206091>

On 7 May 2025, President Erdoğan announced a commitment to invest USD80 billion by 2035 to ensure Türkiye's energy transition to renewable energy.³⁹⁹¹ Türkiye aims to raise its wind and solar power capacity to 120,000 megawatts by 2035.

On 2 July 2025, the Turkish Grand National Assembly adopted the country's first climate law.³⁹⁹² The law seeks to ensure greater energy efficiency in the country and the development of new technologies. It also establishes a federal Emissions Trading System required companies will be to obtain greenhouse gas emission permits within three years of the statute's entry into force.

On 31 July 2025, Türkiye signed an energy deal with Iraq to facilitate the transportation of crude oil.³⁹⁹³ This action is antithetical to the commitment as crude oil is a greenhouse gas emitter.

On 2 August 2025, Türkiye began supplying natural gas to Azerbaijan and Syria via the Kilis-Aleppo pipeline. 2 billion cubic meters of natural gas is set to be exported annually.³⁹⁹⁴ This action is antithetical to the commitment as natural gas is a greenhouse gas emitter.

On 24 September 2025, President Erdogan announced Türkiye has increased its total renewable energy capacity to over 60 per cent in the past year.³⁹⁹⁵ President Erdogan cited this as in line with Türkiye's 2053 zero emissions target. Erdogan also announced upcoming Turkish initiatives aimed at reducing greenhouse gas emissions, "including plans to establish an emissions trading system, implement a green finance strategy and create a national green taxonomy."

On 9 September 2025, the Ministry of Energy announced that state pipeline company BOTAŞ signed natural gas supply agreements totalling about 8.7 billion cubic meters with BP, Eni, and Shell.³⁹⁹⁶ Expanding long-term fossil gas procurement risks locking in new greenhouse gas emissions, delaying investment in zero-carbon alternatives, and running counter to commitments to reduce reliance on fossil fuels.

Türkiye has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. Türkiye has taken strong action to reduce greenhouse gas emissions through investments for renewable energy including solar and wind and weak action through its Climate Law proposal and cooperation with Indonesia, Malaysia, Germany and the United Kingdom. However, it has not taken strong action across most of the commitment. It has also taken antithetical action by signing an energy deal to transport crude oil and supplying natural gas to Azerbaijan and Syria.

Thus, Türkiye receives a score of 0.

Analyst: Siya Duggal

³⁹⁹¹ Türkiye advances renewable push, opens new solar, wind plants, Daily Sabah (Ankara) 7 May 2025. Access Date: 10 May 2025. <https://www.dailysabah.com/business/energy/turkiye-advances-renewable-push-opens-new-solar-wind-plants>

³⁹⁹² Türkiye'nin ilk iklim kanunu TBMM'de kabul edildi, Çevre, Şehircilik ve İklim Değişikliği Bakanlığı (Ankara) 3 July 2025. Translation provided by Google Translate. Access Date: 25 July 2025. <https://csb.gov.tr/turkiyenin-ilk-iklim-kanunu-tbmm-de-kabul-edildi-bakanlik-faaliyetleri-41712>

³⁹⁹³ Development Road seen as catalyst for new Türkiye-Iraq energy deal, Daily Sabah (Istanbul) 31 July 2025. Access Date: 3 August 2025. <https://www.dailysabah.com/business/energy/development-road-seen-as-catalyst-for-new-turkiye-iraq-energy-deal>

³⁹⁹⁴ Türkiye starts supplying gas to Syria via Kilis-Aleppo pipeline, Daily Sabah (Istanbul) 2 August 2025. Access Date: 3 August 2025. <https://www.dailysabah.com/business/energy/turkiye-starts-supplying-gas-to-syria-via-kilis-aleppo-pipeline>

³⁹⁹⁵ Türkiye's renewable energy share surpasses 60%, Erdogan says at UN Climate Summit, Anadolu Ajansı (Istanbul) 24 September 2025. Access Date: 5 October 2025. <https://www.aa.com.tr/en/turkiye/turkiye-s-renewable-energy-share-surpasses-60-erdogan-says-at-un-climate-summit/3698150>

³⁹⁹⁶ 8.7 Billion of Natural Gas Agreement with 3 Energy Majors, Republic of Türkiye Ministry of Energy and Natural Resources (Ankara), 9 September 2025. Access Date: 27 October 2025. <https://enerji.gov.tr/news-detail?id=21575>

United Kingdom: +1

The United Kingdom has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 21 November 2024, the United Kingdom and Taiwan co-hosted the sixth UK-Taiwan Energy Dialogue, focusing on energy security and the offshore wind sector.³⁹⁹⁷ This dialogue facilitated bilateral cooperation for renewable energy development with a focus on energy diversification and tackling supply chain risks.

On 21 November 2024, Prime Minister Keir Starmer delivered a statement to the House of Commons, highlighting the United Kingdom's commitment to addressing global challenges such as climate change at the G20 and COP29.³⁹⁹⁸ The United Kingdom also announced a new emissions reduction target of 81 per cent by 2035, while advocating for global collaboration through initiatives like the Global Clean Power Alliance and advocating for low-carbon investments.

On 22 November 2024, the United Kingdom announced GBP239 million in funding to assist forest-rich countries including Colombia and Indonesia in combating deforestation and supporting global climate change efforts.³⁹⁹⁹ This funding is part of the United Kingdom commitment to the 26th Conference of the Parties (COP) to the UN Framework Convention for Climate Change and is aimed at protecting carbon sinks and improving carbon market integrity.

On 28 November 2024, the United Kingdom announced plans to enhance its Emissions Trading Scheme.⁴⁰⁰⁰ The proposal includes adding the maritime sector to the scheme to reduce emissions from shipping and recognizing non-pipeline transport for carbon capture and storage to further decarbonization in the industry sector. These actions are part of the UK's broader strategy to meet net-zero targets while encouraging investment in clean technologies.

On 29 November 2024, Türkiye's Minister of Energy and Natural Resources Alparslan Bayraktar noted that the United Kingdom will provide a GBP2 billion investment to support Türkiye's "plans to increase its capacity in wind and solar energy from 30 gigawatts to 120 gigawatts in line with the 2035 roadmap in Renewable Energy."⁴⁰⁰¹ This partnership will focus on renewable energy capacity, offshore wind energy and "Renewable Energy Resource Areas" projects.

On 9 December 2024, the United Kingdom, the United States and Tokamak Energy announced a joint fusion energy project for lithium research which is essential to diversify the energy sector to include fusion energy.⁴⁰⁰² Fusion energy, once commercially available, has the potential to provide ample clean electricity. This project

³⁹⁹⁷ 6th UK-Taiwan Energy Dialogue, British Office Taipei (London) 28 November 2024. Access Date: 29 March 2025.

<https://www.gov.uk/government/news/6th-uk-taiwan-energy-dialogue>

³⁹⁹⁸ PM statement to the House of Commons on the G20 and COP29 summits, Prime Minister's Office, 10 Downing Street (London) 22 November 2024. Access Date: 29 March 2025. <https://www.gov.uk/government/speeches/pm-statement-to-the-house-of-commons-on-the-g20-and-cop29-summits-21-november-2024>

³⁹⁹⁹ UK unveils funding boost to help forest nations fight climate change, Department for Energy Security and Net Zero (London) 22 November 2024. Access Date: 29 March 2025. <https://www.gov.uk/government/news/uk-unveils-funding-boost-to-help-forest-nations-fight-climate-change>

⁴⁰⁰⁰ Expanding and strengthening the UK Emissions Trading Scheme, Department for Energy Security and Net Zero, Department for Transport, Department for Environment, Food & Rural Affairs, The Scottish Government, Welsh Government and Northern Ireland Executive (London) 28 November 2024. Access Date: 29 March 2025. <https://www.gov.uk/government/news/expanding-and-strengthening-the-uk-emissions-trading-scheme>

⁴⁰⁰¹ Great Interest in 2035 Roadmap in Renewable Energy, Republic of Türkiye Ministry of Energy and Natural Resource (Ankara) 29 November 2024. Access Date: 29 June 2025. <https://enerji.gov.tr/news-detail?id=21410>

⁴⁰⁰² UK and US announce first joint project in fusion energy innovation, Department for Energy Security and Net Zero (London) 9 December 2024. Access Date: 23 June 2025. <https://www.gov.uk/government/news/uk-and-us-announce-first-joint-project-in-fusion-energy-innovation>

will be supported by GBP40.5 million in funding of which the United Kingdom and United States will each provide GBP13.5 million.

On 10 December 2024, UK Export Finance offered JDR Cables a GBP30 million bond support for a project in the floating winds sector.⁴⁰⁰³ JDR Cables is a British power-cable company that installs subsea cables for electricity. This financial assistance will support the technology development of green energy solutions and public-private partnerships for renewable energy sources in the United Kingdom.

On 10 December 2024, contracts for the East Coast Cluster in Teesside were signed.⁴⁰⁰⁴ This is part of the United Kingdom's carbon capture, usage and storage project and is aligned with the government's Plan for Change environmental policy. The Teesside project will capture carbon emission from regional industries and provide the contractors of the East coast Cluster with GBP4 billion to be used in technological innovation, energy security and supply chain development.

On 16 December 2024, the United Kingdom and Norway announced their Green Industrial Partnership to advance clean energy, carbon capture and storage and economic growth.⁴⁰⁰⁵ This partnership will focus on several sectors including industry, transport and energy.

On 9 January 2025, the United Kingdom announced GBP51.9 million in grants to support 25 businesses across the UK in cutting their carbon emissions.⁴⁰⁰⁶ The funding is part of the Industrial Energy Transformation Fund and aims to enable companies to implement innovative technologies such as heat pumps and carbon capture and storage to advance the net zero transition, particularly in industrial sectors like manufacturing and cement.

On 23 January 2025, the Department for Environment, Food and Rural Affairs and Department for Transport announced GBP86 million for 117 new low and zero-emission buses in Greater Manchester.⁴⁰⁰⁷ This investment will help decrease nitrogen dioxide pollution in the air.

On 29 January 2025, Climate Minister Kerry McCarthy visited Brussels to discuss enhancing cooperation on energy with the EU, particularly focusing on the North Seas.⁴⁰⁰⁸ The talks focused on accelerating offshore wind, hydrogen and carbon capture projects to position the North Seas as a key green energy hub for Europe.

On 5 February 2025, Foreign Secretary David Lammy announced GBP17 million in funding to support round two of the InnovateUkraine initiative.⁴⁰⁰⁹ Projects selected through this initiative will advance low-carbon

⁴⁰⁰³ GBP30 Million UKEF Support Fuels JDR Cables' Global Expansion in the Renewable Energy Sector, United Kingdom Export Finance (London) 10 December 2024. Access Date: 14 April 2025. <https://www.gov.uk/government/news/30-million-ukef-support-fuels-jdr-cables-global-expansion-in-the-renewable-energy-sector>

⁴⁰⁰⁴ Contracts signed for UK's first carbon capture projects in Teesside, Department of Energy and Security and Net Zero (London) 10 December 2024. Access Date: 14 April 2025. <https://www.gov.uk/government/news/contracts-signed-for-uks-first-carbon-capture-projects-in-teesside>

⁴⁰⁰⁵ UK and Norway join forces to seize green industrial opportunities, Prime Minister's Office, 10 Downing Street (London) 15 December 2024. Access Date: 30 June 2025. <https://www.gov.uk/government/news/uk-and-norway-join-forces-to-seize-green-industrial-opportunities>

⁴⁰⁰⁶ Government backs businesses cutting carbon emissions, Department for Energy Security and Net Zero (London) 9 January 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/government-backs-businesses-cutting-carbon-emissions>

⁴⁰⁰⁷ Government backs local plans for clean air in Greater Manchester, Department for Environment, Food & Rural Affairs (London) 23 January 2025. Access Date: 29 June 2025. <https://www.gov.uk/government/news/government-backs-local-plans-for-clean-air-in-greater-manchester--2>

⁴⁰⁰⁸ Climate Minister in Brussels to kickstart growth in the North Seas, Department for Energy Security and Net Zero (London) 29 January 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/climate-minister-in-brussels-to-kickstart-growth-in-the-north-seas>

⁴⁰⁰⁹ InnovateUkraine opens second round of investment for clean energy projects, Foreign, Commonwealth & Development Office (London) 5 February 2025. Access Date: 23 June 2025. <https://www.gov.uk/government/news/innovateukraine-opens-second-round-of-investment-for-clean-energy-projects>

energy solutions for Ukraine with a focus on renewable energy, smart grids, industrial decarbonization and green fuels.

On 13 February 2025, the Department for Energy Security and Net Zero launched the Clean Industry Bonus to support the development of low-carbon manufacturing and clean energy projects.⁴⁰¹⁰ The initiative focuses on encouraging offshore wind developers to invest in industrial communities.

On 21 February 2025, the United Kingdom proposed reforms to its flagship Contracts for Difference scheme to accelerate the deployment of clean power by 2030.⁴⁰¹¹ These reforms aim to streamline planning consent for offshore wind projects, increase funding efficiency and extend contract terms to advance the net zero transition.

On 25 February 2025, Future of Roads Minister Lilian Greenwood announced that the Department for Transport is extending the “Plug-in van grant” to provide an additional GBP120 million for the transition to zero emissions vans in the UK.⁴⁰¹² Grants of GBP2,500 to GBP5,000 will be given to drivers that buy electric vans, based on vehicle size.

On 7 March 2025, Climate Envoy Rachel Kyte announced additional support for South Africa’s energy transition through the Just Energy Transition Partnership.⁴⁰¹³ The UK committed over GBP330,000 to assist the Energy Council of South Africa in analyzing and implementing wholesale electricity market reforms. This funding will support emissions reductions and promote renewable energy.

On 11 March 2025, the Department for Energy Security and Net Zero introduced the Planning and Infrastructure Bill which will help expedite green electricity project initiatives.⁴⁰¹⁴ This bill will bring “ready-to-go” infrastructure projects at the front of the grid connection queue instead of approving projects on a first come first serve basis. This shift in policy framework will aid the timeline of renewable energy projects and bring the UK closer to its decarbonization goals in the Clean Power 2030 Action Plan.

On 11 March 2025, the Department for Energy Security and Net Zero announced GBP11 million in funding for energy upgrades in homes in England with a focus on social housing and low-income dwellings.⁴⁰¹⁵ Funding will support energy efficiency and clean energy heating upgrades for up to 170,000 homes.

⁴⁰¹⁰ New industry bonus opens to support good jobs and low-carbon manufacturing factories, Department for Energy Security and Net Zero (London) 13 February 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/new-industry-bonus-opens-to-support-good-jobs-and-low-carbon-manufacturing-factories>

⁴⁰¹¹ Essential reforms to pave the way for clean power by 2030, Department for Energy Security and Net Zero (London) 21 February 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/essential-reforms-to-pave-the-way-for-clean-power-by-2030>

⁴⁰¹² £120 million to roll-out more electric vans, taxis and motorbikes, Department for Transport and Office for Zero Emission Vehicles (London) 25 February 2025. Access Date: 30 June 2025. <https://www.gov.uk/government/news/120-million-to-roll-out-more-electric-vans-taxis-and-motorbikes>

⁴⁰¹³ UK Climate Envoy Rachel Kyte announces support for South Africa’s wholesale electricity market reform and implementation, British Consulate-General Cape Town (London) 7 March 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/uk-climate-envoy-rachel-kyte-announces-support-for-south-africas-wholesale-electricity-market-reform-and-implementation>

⁴⁰¹⁴ Planning revolution to fuel growth and make Britain energy secure, Ministry of Housing, Communities and Local Government and Department of Energy and Security and Net Zero (London) 10 March 2025. Access Date: 9 May 2025. <https://www.gov.uk/government/news/planning-revolution-to-fuel-growth-and-make-britain-energy-secure>

⁴⁰¹⁵ Up to 170,000 homes to get energy saving upgrades, Department for Energy Security and Net Zero (London) 11 March 2025. Access Date: 30 June 2025. <https://www.gov.uk/government/news/up-to-170000-homes-to-get-energy-saving-upgrades>

On 14 March 2025, Secretary of State for Energy Security and Net Zero Ed Miliband visited Beijing to re-launch climate discussions with China.⁴⁰¹⁶ The talks focused on reducing global emissions, clean energy cooperation and sharing expertise on emerging technologies.

On 21 March 2025, Secretary Miliband announced a GBP200 million investment from the Department of Energy Security and Net Zero and Great British Energy to advance renewable energy in schools and hospitals across the UK.⁴⁰¹⁷ As part of the Plan for Change, this initiative will lead to the installation of rooftop solar panels on schools, hospitals and other public buildings to decrease energy costs and increase renewable energy, develop community-led offshore wind projects and increase hydropower.

On 21 March 2025, Great British Energy announced a GBP10 million partnership with Metro Mayors to support local clean energy projects.⁴⁰¹⁸ This funding will support renewable initiatives such as solar for building rooftops, onshore wind and hydropower, benefiting local communities by reducing energy costs and promoting job creation.

On 27 March 2025, the UK Atomic Energy Authority announced GBP3.5 million in funding for 13 organizations to “develop robust sensing technologies for use in future fusion power plants.”⁴⁰¹⁹ These technologies are essential to diversifying the energy sector to include fusion energy.

On 31 March 2025, the United Kingdom proposed an extension to the ban on burning vegetation on upland deep peat, aiming to protect an additional 146,000 hectares of carbon-rich habitat.⁴⁰²⁰ This proposal aligns with the Plan for Change by strengthening nature-based climate solutions and promoting healthier, more secure communities.

On 2 April 2025, the Maritime and Coastguard Agency (MCA) advanced maritime decarbonisation by supporting the sixth round of the Clean Maritime Demonstration Competition.⁴⁰²¹ Selected projects will receive a total of GBP30 million to advance clean technologies in the maritime sector.

On 7 April 2025, the Department for Energy Security and Net Zero shortlisted 27 hydrogen projects as part of the next step of the government’s hydrogen plan.⁴⁰²² This initiative is another step in the decarbonization process and creates investment opportunities for the private sector to engage in the implementation process for these hydrogen projects. This action contributes to reducing greenhouse gas emissions in the industrial sector.

⁴⁰¹⁶ UK and China restart meaningful climate change dialogue, Department for Energy Security and Net Zero (London) 14 March 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/uk-and-china-restart-meaningful-climate-change-dialogue>

⁴⁰¹⁷ Great British Energy to cut bills for hospitals and schools, Department for Energy Security and Net Zero, Department for Education, Department of Health and Social Care and Great British Energy (London) 21 March 2025. Access Date: 30 June 2025. <https://www.gov.uk/government/news/great-british-energy-to-cut-bills-for-hospitals-and-schools>

⁴⁰¹⁸ Great British Energy announces £10 million for local governments, Department for Energy Security and Net Zero and Great British Energy (London) 21 March 2025. Access Date: 29 March 2025. <https://www.gov.uk/government/news/great-british-energy-announces-10-million-for-local-governments>

⁴⁰¹⁹ Creating sensors for extreme fusion energy conditions, UK Atomic Energy Authority (London) 27 March 2025. Access Date: 23 June 2025. <https://www.gov.uk/government/news/creating-sensors-for-extreme-fusion-energy-conditions>

⁴⁰²⁰ New proposals to ban heather burning on peatland to protect air, water and wildlife, Department for Environment, Food & Rural Affairs (London) 31 March 2025. Access Date: 10 May 2025. <https://www.gov.uk/government/news/new-proposals-to-ban-heather-burning-on-peatland-to-protect-air-water-and-wildlife>

⁴⁰²¹ Securing a greener future with cleaner maritime technology, Maritime and Coastguard Agency (London) 2 April 2025. Access Date: 10 May 2025. <https://www.gov.uk/government/news/securing-a-greener-future-with-cleaner-maritime-technology>

⁴⁰²² New hydrogen power projects to boost growth, Department for Energy Security and Net Zero (London) 7 April 2025. Access Date 15 May 2025. <https://www.gov.uk/government/news/new-hydrogen-power-projects-to-boost-growth>

On 8 April 2025, the United Kingdom held the inaugural meeting of the Artificial Intelligence (AI) Energy Council to align AI development with its energy transition goals.⁴⁰²³ The Council established five core priorities including using AI to support net zero, improving grid flexibility and promoting renewable integration. By committing to quarterly meetings and rapid progress, the Council aims to ensure that AI supports and benefits from a decarbonized energy system.

On 15 April 2025, the United Kingdom and the National Energy System Operator announced a grid reform plan to prioritize clean energy projects for electricity connections.⁴⁰²⁴ This project is expected to be supported by GBP40 billion in annual investment, mainly from the private sector.

On 17 April 2025, the Department for Energy Security and Net Zero and the Department for Environment, Food and Rural Affairs launched plans to strengthen voluntary carbon and nature markets.⁴⁰²⁵ The initiative aims to establish the UK as the global hub for green finance by clarifying standards for high-integrity carbon credits and promoting transparency in sustainability reporting. This action unlocks private finance for climate mitigation and enables businesses to contribute to emissions reductions through credible market mechanisms.

On 17 April 2025, Parliamentary Under-Secretary of State for Climate Kerry McCarthy and Indonesia's Minister of Environment and Head of the Environmental Control Agency Hanif Faisol Nurofiq met to discuss their commitment towards carbon neutrality in line with the Paris Agreement.⁴⁰²⁶ The United Kingdom allocated GBP2.8 million in funding over the next three years to support Indonesia in developing its carbon trading to advance the net zero transition.

On 24 April 2025, the Department for Energy Security and Net Zero and energy company Eni agreed to a deal that will create GBP2 billion in supply chain contracts for the Liverpool Carbon Capture and Storage Project.⁴⁰²⁷ This deal will increase investment in the United Kingdom's green energy industry and is a major commitment to the decarbonization process of the region.

On 12 May 2025, the Medicines and Healthcare products Regulatory Agency approved a new “triple combination inhaler for adults with moderate to severe chronic obstructive pulmonary disease.”⁴⁰²⁸ This version of Trixeo Aerosphere is made with “a fluorinated gas with near-zero global warming potential,” replacing the previous version of the inhaler which used tetrafluoroethane, a hydrofluorocarbon, as the propellant. This will help reduce greenhouse gas emissions from inhalers which are used by 1.2 million people in the United Kingdom.

⁴⁰²³ Technology and Energy Secretaries chair first meeting of AI Energy Council, Department for Science, Innovation and Technology and Department for Energy Security and Net Zero (London) 8 April 2025. Access Date: 10 May 2025. <https://www.gov.uk/government/news/technology-and-energy-secretaries-chair-first-meeting-of-ai-energy-council>

⁴⁰²⁴ Clean energy projects prioritised for grid connections, Department for Energy Security and Net Zero, Ofgem and National Energy System Operator (London) 15 April 2025. Access Date: 10 May 2025. <https://www.gov.uk/government/news/clean-energy-projects-prioritised-for-grid-connections>

⁴⁰²⁵ UK backs businesses to trade carbon credits and unlock finance, Department for Energy Security and Net Zero and Department for Environment, Food & Rural Affairs (London) 17 April 2025. Access Date: 10 May 2025. <https://www.gov.uk/government/news/uk-backs-businesses-to-trade-carbon-credits-and-unlock-finance>

⁴⁰²⁶ Indonesia–Inggris Perkuat Kerja Sama Iklim dan Lingkungan: Dorong Pasar Karbon dan Transisi Energi Berkeadilan, Kementerian Lingkungan Hidup/Badan Pengendalian Lingkungan Hidup Republik Indonesia (Jakarta) 17 April 2025. Translation provided by Google Translate. Access Date: 29 June 2025. <https://kemenlh.go.id/news/detail/indonesia-inggris-perkuat-kerja-sama-iklim-dan-lingkungan-dorong-pasar-karbon-dan-transisi-energi-berkeadilan>

⁴⁰²⁷ Major carbon capture project to deliver jobs and growth, Department of Energy and Security and Net Zero (London) 24 April 2025. Access Date: 9 May 2025. <https://www.gov.uk/government/news/major-carbon-capture-project-to-deliver-jobs-and-growth>

⁴⁰²⁸ MHRA approves world's first low-carbon version of COPD inhaler Trixeo Aerosphere, Medicines and Healthcare products Regulatory Agency (London) 12 May 2025. Access Date: 30 June 2025. <https://www.gov.uk/government/news/mhra-approves-worlds-first-low-carbon-version-of-copd-inhaler-trixeo-aerosphere>

On 14 May 2025, the Department for Energy Security and Net Zero announced a Great British Energy scheme with GBP4 million in funding for Scottish clean energy projects.⁴⁰²⁹ Selected projects will focus on community-based clean energy projects including onshore wind, solar and hydropower.

On 29 May 2025, the United Kingdom and European Union, as co-leads of the International Partners Group (IPG)'s Vietnam Just Energy Transition Partnership (JETP), welcomed French President Emmanuel Macron's visit to Vietnam, supporting renewable energy in the country.⁴⁰³⁰ They also shared their support for the French Development Agency and six IPG Development Finance Institutions' EUR547 million contribution for energy transition in Vietnam.

On 10 June 2025, Minister of Energy Michael Shanks directed the Nuclear Decommissioning Authority (NDA) to explore clean energy development on land at Moorside in Cumbria.⁴⁰³¹ Working with the Cumberland Council, the NDA will assess options for privately backed nuclear, solar and wind projects, supporting long-term energy security and renewable energy.

On 11 June 2025, the Department for Science, Innovation and Technology and the Department for Energy Security and Net Zero allocated GBP100,000 in seed funding and GBP60,000 in compute credits to the ten finalists of the Manchester Prize.⁴⁰³² This will support artificial intelligence innovations to cut greenhouse gas emissions, reduce household bills and accelerate the clean energy transition, with one project to receive a GBP1 million prize in 2026.

On 12 June 2025, the United Kingdom announced GBP2.5 billion in funding for fusion energy, including support for the Spherical Tokamak for Energy Production prototype fusion power plant in Nottinghamshire.⁴⁰³³ Delivered by UK Industrial Fusion Solutions, the plant will use deuterium and tritium fusion to generate clean electricity, marking a transition from fossil fuels to advanced sustainable energy.

On 13 June 2025, the United Kingdom announced that over GBP500 million in investments will be allocated towards its hydrogen infrastructure.⁴⁰³⁴ As part of the United Kingdom's Plan for Change, this investment will "create the UK's first regional hydrogen transport and storage network" and support the delivery of clean energy.

On 17 June 2025, Minister of Industry Sarah Jones announced over GBP250 million in funding for green aerospace technology projects by companies including Rolls-Royce and Airbus.⁴⁰³⁵ This investment will support reductions in aviation emissions, zero-emissions aircraft technologies and increased energy efficiency.

⁴⁰²⁹ Great British Energy funding boost for Scottish communities, Department for Energy Security and Net Zero (London) 14 May 2025. Access Date: 23 June 2025. <https://www.gov.uk/government/news/great-british-energy-funding-boost-for-scottish-communities>

⁴⁰³⁰ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

⁴⁰³¹ Energy Minister asks NDA to explore clean energy at Moorside, Department for Energy Security and Net Zero, Nuclear Decommissioning Authority (London) 10 June 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/energy-minister-asks-nda-to-explore-clean-energy-at-moorside>

⁴⁰³² Ten British AI breakthroughs set to cut bills and heat homes more efficiently, Department for Science, Innovation and Technology, Department for Energy Security and Net Zero (London) 11 June 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/ten-british-ai-breakthroughs-set-to-cut-bills-and-heat-homes-more-efficiently>

⁴⁰³³ Major funding milestone for world-first prototype fusion plant, UK Industrial Fusion Solutions, UK Atomic Energy Authority and Department for Energy Security and Net Zero (London) 12 June 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/25-billion-for-world-first-prototype-fusion-energy-plant>

⁴⁰³⁴ £500M boost for hydrogen to create thousands of British jobs, Department for Energy Security and Net Zero (London) 13 June 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/250m-for-green-aerospace-projects-ahead-of-industrial-strategy>

⁴⁰³⁵ £250m for green aerospace projects ahead of Industrial Strategy, Department for Business and Trade (London) 17 June 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/250m-for-green-aerospace-projects-ahead-of-industrial-strategy>

On 23 June 2025, the United Kingdom published its Energy Industries Sector Plan to help boost the clean energy economy.⁴⁰³⁶ The plan allocates an additional GBP700 million in funding for Great British Energy, to support clean energy supply chains while creating job opportunities in the energy sector.

On 25 June 2025, Secretary Miliband addressed the Climate Innovation Forum during London Climate Action Week and announced the launch of consultations on mandatory 1.5 degrees-aligned transition plans for major companies and financial institutions.⁴⁰³⁷ Secretary Miliband emphasized that strong transition planning and sustainability reporting will ensure public and private investors drive the shift toward clean energy.

On 30 June 2025, the United Kingdom convened the second meeting of the Artificial Intelligence (AI) Energy Council to prepare the energy system for rapid AI expansion.⁴⁰³⁸ Secretary Miliband and Secretary for Science, Innovation and Technology Peter Kyle led talks with major technology firms to discuss increasing compute capacity, with a focus on AI growth through sustainable sources.

On 4 July 2025, Secretary Miliband approved the development of the Mona offshore wind farm in the Irish sea.⁴⁰³⁹ This project is estimated to power one million homes using clean energy.

On 7 July 2025, the Treasury committed GBP28.6 million through the National Wealth Fund to the Peak Cluster carbon capture project.⁴⁰⁴⁰ This investment supports the development of a carbon dioxide pipeline linking cement and lime plants in the Peak District to the Morecambe Net Zero offshore storage site in the Irish Sea, with an expected reduction of more than three million tonnes of carbon dioxide each year and a clear contribution to industrial decarbonisation.

On 10 July 2025, UK Export Finance announced that a EUR146 million Buyer Credit Guarantee will be allocated to an offshore wind farm project in the Taiwan Strait.⁴⁰⁴¹ This project will produce a renewable energy capacity worth 632 megawatts, supporting the low-carbon transition.

On 10 July 2025, the United Kingdom established the Science and Technology Advisory Council to provide expert, evidence-based advice for the clean power mission.⁴⁰⁴² Comprising 16 academic and industry leaders, the council will guide decisions on climate science, engineering, energy networks and emerging technologies, ensuring policies are informed by the latest research.

⁴⁰³⁶ Clean energy future to be 'built in Britain', Department for Energy Security and Net Zero (London) 23 June 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/clean-energy-future-to-be-built-in-britain>

⁴⁰³⁷ Climate Innovation Forum 2025: keynote speech by Ed Miliband, Department for Energy Security and Net Zero (London) 25 June 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/speeches/climate-innovation-forum-2025-keynote-speech-by-ed-miliband>

⁴⁰³⁸ Upgrading national grid to power AI future to be tackled at AI Energy Council, Department for Science, Innovation and Technology, Department for Energy Security and Net Zero (London) 30 June 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/upgrading-national-grid-to-power-ai-future-to-be-tackled-at-ai-energy-council>

⁴⁰³⁹ Energy Secretary approves largest Irish Sea offshore wind farm, Department for Energy Security and Net Zero (London) 17 July 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/energy-secretary-approves-largest-irish-sea-offshore-wind-farm>

⁴⁰⁴⁰ Chancellor's National Wealth Fund investment in major carbon capture project to boost 3,500 jobs, HM Treasury (London) 7 July 2025. Access Date: 30 August 2025. <https://www.gov.uk/government/news/chancellors-national-wealth-fund-investment-in-major-carbon-capture-project-to-boost-3500-jobs>

⁴⁰⁴¹ UK Export Finance announces backing of major Taiwan offshore wind project, Department for Business and Trade (London) 10 July 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/uk-export-finance-announces-backing-of-major-taiwan-offshore-wind-project>

⁴⁰⁴² Expert panel to put science and tech at the heart of clean power, Department for Energy Security and Net Zero (London) 10 July 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/expert-panel-to-put-science-and-tech-at-the-heart-of-clean-power>

On 11 July 2025, the United Kingdom and France announced a new Industrial Strategy partnership aimed at investing in clean energy industries, supporting the net zero transition and accelerating growth.⁴⁰⁴³ This partnership came into effect following the 37th UK-France Summit.

On 13 July 2025, the United Kingdom announced a GBP63 million funding package to expand electric vehicle infrastructure.⁴⁰⁴⁴ As part of the Plan for Change, this funding will be used to expand access to affordable charging and electrify ambulances and medical fleets.

On 15 July 2025, the Department for Transport and the Office for Zero Emission Vehicles launched a GBP650 million Electric Car Grant that offers discounts of up to GBP3,750 at the point of sale for new eligible battery electric cars priced at or under GBP37,000.⁴⁰⁴⁵ Manufacturers can apply from 16 July 2025, with funding available until the 2028 to 2029 financial year. The measure supports the commitment to phase out the sale of new petrol and diesel cars by 2030, lowers upfront costs for drivers, and accelerates emissions reductions from road transport.

On 17 July 2025, the United Kingdom and Germany signed the Treaty on Friendship and Bilateral Cooperation.⁴⁰⁴⁶ Through this treaty, both members agreed to work on 17 priority projects, including the Strategic Science and Technology Partnership which focuses on “sustainable energy solutions” and the North Sea Energy Infrastructure Project which aims to accelerate hydrogen and carbon dioxide infrastructure.

On 17 July 2025, Secretary Miliband confirmed that the United Kingdom will become the first country to develop fusion-specific planning rules.⁴⁰⁴⁷ By including fusion in the Nationally Significant Infrastructure Project regime and introducing a National Policy Statement, the government will give developers clearer site guidance, faster approvals and greater investment certainty. These changes will accelerate projects such as the STEP fusion power plant in Nottinghamshire, supporting thousands of jobs and advancing the deployment of limitless clean energy that can replace high-emission power sources.

On 22 July 2025, the United Kingdom approved its final investment decision for the Sizewell C nuclear plant.⁴⁰⁴⁸ The government will take an initial 44.9 per cent in the plant which is expected to supply clean electricity for the equivalent of 6 million homes for at least six decades once operational.

On 22 July 2025, the Department for Transport committed GBP63 million to 17 UK companies to accelerate sustainable aviation fuel production through the Advanced Fuels Fund, aiming to cut lifecycle aviation emissions by around 70 per cent compared with fossil jet fuel and advance the goal of net zero aviation.⁴⁰⁴⁹

⁴⁰⁴³ Over £1bn in investment deals as UK-France launch new Industrial Strategy Partnership, Prime Minister’s Office (London) 11 July 2025. Access Date: 23 July 2025. <https://www.gov.uk/government/news/over-1bn-in-investment-deals-as-uk-france-launch-new-industrial-strategy-partnership>

⁴⁰⁴⁴ New £63 million boost for Britain’s electric vehicle revolution, Department for Transport (London) 13 July 2025. Access Date: 25 July 2025. <https://www.gov.uk/government/news/new-63-million-boost-for-britains-electric-vehicle-revolution>

⁴⁰⁴⁵ Discount of up to £3,750 on electric cars set to slash costs for thousands, Department for Transport and Office for Zero Emission Vehicles (London) 15 July 2025. Access Date: 30 August 2025. <https://www.gov.uk/government/news/discount-of-up-to-3750-on-electric-cars-set-to-slash-costs-for-thousands>

⁴⁰⁴⁶ Friendship and Bilateral Cooperation Treaty: The 17 Projects the UK and Germany will deliver together, British Embassy Berlin (Berlin) 4 July 2025. Access Date: 4 August 2025. <https://www.gov.uk/government/news/friendship-and-bilateral-cooperation-treaty-the-17-projects-the-uk-and-germany-will-deliver-together>

⁴⁰⁴⁷ Nuclear fusion boost as government sets to unblock planning rules, Department for Energy Security and Net Zero (London) 17 July 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/nuclear-fusion-boost-as-government-sets-to-unblock-planning-rules>

⁴⁰⁴⁸ Sizewell C gets green light with final investment decision, Department for Energy Security and Net Zero (London) 22 July 2025. Access Date: 30 August 2025. <https://www.gov.uk/government/news/sizewell-c-gets-green-light-with-final-investment-decision>

⁴⁰⁴⁹ £63 million lift off for clean aviation fuels, Department for Transport (London) 22 July 2025. Access Date: 30 August 2025. <https://www.gov.uk/government/news/63-million-lift-off-for-clean-aviation-fuels>

On 23 July 2025, the United Kingdom launched the Oil and Gas Transition Training Fund to support Aberdeen's workforce in moving into clean energy roles.⁴⁰⁵⁰ Backed by GBP900,000 in funding, the programme provides careers advice and training for current and former oil and gas workers in sectors such as offshore wind, hydrogen and carbon capture and storage.

On 23 July 2025, the Department for Energy Security and Net Zero authorized the construction of the first commercial-scale green hydrogen projects under the Hydrogen Allocation Round.⁴⁰⁵¹ Ten projects will supply heavy industry with domestically produced low-carbon hydrogen, enabling sectors such as steel, glass and heavy transport to replace fossil fuels. This programme advances the transition toward a clean energy economy by reducing the reliance on energy sources with substantial greenhouse gas emissions.

On 24 July 2025, the Department for Transport and Innovate UK committed GBP30 million through the Clean Maritime Demonstration Competition to support the development and demonstration of clean maritime fuels and technologies, including ammonia, hydrogen, methanol, electric and solar solutions.⁴⁰⁵² The funding aims to cut emissions from sea travel, accelerate progress toward net-zero shipping by 2050, and support deployments such as port charge point networks, an electric crew transfer vessel, and a green hydrogen shore power system.

On 29 July 2025, British International Investment committed USD50 million to the Vietnam Prosperity Joint Stock Commercial Bank as part of a USD350 million loan facility coordinated by Sumitomo Mitsui Banking Corporation, with participation from Export Finance Australia, FinDev Canada and the Japan International Cooperation Agency.⁴⁰⁵³ The funds will expand climate finance for Vietnam's green transition, including renewable energy, clean transport, and energy efficiency projects that support the country's net-zero pathway.

On 4 August 2025, Highlands and Islands Enterprise and Great British Energy signed a partnership agreement to accelerate the United Kingdom clean energy transition in the Highlands and Islands.⁴⁰⁵⁴ The agreement sets shared objectives for delivery of clean power generation and storage, development of supply chains, and support for community energy projects. The parties will also explore Great British Energy investment in the region using HIE networks of projects and developers, with opportunities linked to offshore wind and the Inverness and Cromarty Firth Green Freeport.

On 5 August 2025, the United Kingdom advanced new projects within the HyNet carbon capture cluster in North Wales and Northwest England.⁴⁰⁵⁵ The Connah's Quay Low Carbon Power project will supply enough clean energy for the equivalent of 900,000 homes while capturing emissions, and the Ince Bioenergy with Carbon Capture and Storage project will remove 217,000 tonnes of carbon dioxide annually by turning waste wood into low-carbon power. By expanding infrastructure to transport and store captured carbon under the seabed, the initiative will support 2,800 skilled jobs and cut industrial emissions.

⁴⁰⁵⁰ Tailored support for Aberdeen oil and gas workers, Department for Energy Security and Net Zero (London) 23 July 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/tailored-support-for-aberdeen-oil-and-gas-workers>

⁴⁰⁵¹ Jobs unlocked as first wave of hydrogen projects sign contracts, Department for Energy Security and Net Zero (London) 23 July 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/jobs-unlocked-as-first-wave-of-hydrogen-projects-sign-contracts>

⁴⁰⁵² £30 million to decarbonise shipping, boost careers and deliver growth across the UK, Department for Transport (London) 24 July 2025. Access Date: 30 August 2025. <https://www.gov.uk/government/news/30-million-to-decarbonise-shipping-boost-careers-and-deliver-growth-across-the-uk>

⁴⁰⁵³ British International Investment Commits US\$50 Million to VPBank, Supporting Vietnam's Green Energy Transition, British International Investment (London) 29 July 2025. Access Date: 30 August 2025. <https://www.bii.co.uk/en/news-insight/news/british-international-investment-commits-50m-to-vpbank-supporting-vietnams-green-energy-transition/?fl=true>

⁴⁰⁵⁴ HIE and Great British Energy sign partnership agreement, Project Scotland (Glasgow) 4 August 2025. Access Date: 30 August 2025. <https://projectscot.com/2025/08/hie-and-great-british-energy-sign-partnership-agreement/>

⁴⁰⁵⁵ 2,800 skilled jobs in Wales and North West as CCUS industry grows, Department for Energy Security and Net Zero (London) 5 August 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/2800-skilled-jobs-in-wales-and-north-west-as-ccus-industry-grows>

On 7 August 2025, the United Kingdom invited Guatemala to join the Powering Past Coal Alliance, a global coalition promoting the shift from coal to clean energy.⁴⁰⁵⁶ During a meeting in Guatemala City, the British Ambassador outlined how membership would support Guatemala's Paris Agreement commitments through international collaboration and energy expertise sharing. By encouraging the phase-out of coal and exploring UK-backed investment of up to GBP5 billion in clean power projects, the initiative advances global emissions reduction while opening new opportunities for sustainable growth.

On 27 August 2025, the United Kingdom partnered with the Kyrgyz Republic to develop a flexible financial model that helps the government assess and manage sovereign guarantees for renewable energy projects, aiming to unlock foreign direct investment and accelerate deployment of solar, wind, and small hydropower.⁴⁰⁵⁷ The project runs from July to December 2025 and includes training for officials to use the model, improving transparency and enabling a bankable pipeline that supports emissions reduction and energy security.

On 3 September 2025, Special Representative for Nature Ruth Davis visited the Philippines to launch the Climate and Ocean Adaptation and Sustainable Transition Facility and Innovation Grant Fund, offering grants of up to GBP500,000 for local projects.⁴⁰⁵⁸ The initiative, part of the UK's Blue Planet Fund, supports sustainable fisheries, aquaculture, blue finance and nature-based coastal solutions.

On 10 September 2025, Special Representative Davis and Brazilian Deputy Agricultural Minister Cleber Soares signed a Memorandum of Understanding to make fertilizer use more sustainable.⁴⁰⁵⁹ The partnership focuses on research, innovation and supply chain resilience while reducing fertilizer-driven greenhouse gas emissions, which account for five per cent of global totals.

On 15 September 2025, the UK announced over GBP1.1 billion for the maritime sector, including GBP448 million in public funding under UK SHORE to develop and deploy clean shipping technologies and fuels, alongside GBP700 million in private investment for ports and shoreside power.⁴⁰⁶⁰ The package aims to cut shipping emissions, expand shore power and zero emission vessel projects, and strengthen coastal energy infrastructure.

On 16 September 2025, the Department for Energy Security and Net Zero set objectives for Great British Energy to develop, invest in, and own clean power projects across the UK, with a requirement to become self-financing by 2030 and reinvest profits into new clean energy.⁴⁰⁶¹ The update notes about GBP200 million already invested in solar on schools, hospitals, and public buildings, and confirms work with partners to mobilize GBP1 billion for offshore wind supply chains, supporting faster deployment that cuts power sector emissions and strengthens energy security.

On 25 September 2025, the Department for Energy Security and Net Zero confirmed final contracts for two carbon capture projects that are now ready to begin construction: Heidelberg Materials' Padeswood cement

⁴⁰⁵⁶ UK Invites Guatemala to Join Global Clean Energy Alliance, British Embassy Guatemala City (Guatemala City) 7 August 2025. Access Date: 10 August 2025. <https://www.gov.uk/government/news/uk-invites-guatemala-to-join-global-clean-energy-alliance>

⁴⁰⁵⁷ Renewable energy investment in the Kyrgyz Republic, British Embassy Bishkek (Bishkek) 27 August 2025. Access Date: 27 October 2025. <https://www.gov.uk/government/news/renewable-energy-investment-in-the-kyrgyz-republic>

⁴⁰⁵⁸ UK Nature Envoy visits Philippines to boost climate partnership, British Embassy Manila (Manila) 3 September 2025. Access Date: 8 October 2025. <https://www.gov.uk/government/news/uk-nature-envoy-visits-philippines-to-boost-climate-partnership>

⁴⁰⁵⁹ UK and Brazil to show global leadership on fertilisers sustainability, Department for Environment, Food & Rural Affairs and Foreign, Commonwealth & Development Office (London) 10 September 2025. Access Date: 8 October 2025. <https://www.gov.uk/government/news/uk-and-brazil-to-show-global-leadership-on-fertilisers-sustainability>

⁴⁰⁶⁰ More than £1.1 billion investment to boost growth, jobs and skills in UK's coastal towns and cities, Department for Transport (London) 15 September 2025. Access Date: 27 October 2025. <https://www.gov.uk/government/news/more-than-11-billion-investment-to-boost-growth-jobs-and-skills-in-uks-coastal-towns-and-cities>

⁴⁰⁶¹ Clean energy and jobs from publicly owned Great British Energy, Department for Energy Security and Net Zero (London) 16 September 2025. Access Date: 27 October 2025. <https://www.gov.uk/government/news/clean-energy-and-jobs-from-publicly-owned-great-british-energy>

plant in Flintshire and Encyclis' Protos energy from waste facility in Ellesmere Port.⁴⁰⁶² Together, they are expected to capture about 1.2 million tonnes of carbon dioxide each year and will connect to the HyNet Liverpool Bay transport and storage network via the Low Carbon Contracts Company agreements, advancing industrial decarbonization in North Wales and Northwest England.

On 26 September 2025, British Ambassador Hamish Cowell and Lebanon's Minister of Energy and Water Joe Saddi launched the National Renewable Energy Action Plan 2025–2030 at the Lebanon Grand Energy Event.⁴⁰⁶³ Backed by UK technical support since 2024, the updated roadmap sets out Lebanon's renewable energy priorities to boost resilience, energy independence and climate commitments.

On 26 September 2025, the Department for Energy Security and Net Zero and Great British Energy announced the installation of solar panels at five National Health Services (NHS) sites and three schools, with eight more schools to follow in autumn.⁴⁰⁶⁴ Backed by GBP180 million in public investment, the project will reduce lifetime energy costs for hospitals and schools by GBP3.8 million and redirect savings into textbooks, teachers and frontline healthcare.

On 1 October 2025, the Department for Energy Security and Net Zero and Great British Energy confirmed up to GBP75 million in new funding to expand solar installations across military sites, schools and hospitals.⁴⁰⁶⁵ The scheme will now total GBP255 million, supporting around 250 schools, more than 270 NHS sites and 15 Ministry of Defence locations, including remote training grounds where solar panels and micro-wind turbines will cut energy bills.

On 6 October 2025, British International Investment committed USD60 million to the Green Investment Partnership, a USD510 million blended finance vehicle managed by Pentagreen Capital to scale renewable energy, e-mobility, storage, circular economy, and other low-carbon infrastructure across Southeast Asia.⁴⁰⁶⁶ The commitment seeks to crowd in private capital and close the region's climate finance gap, accelerating projects that cut greenhouse gas emissions.

On 14 October 2025, the United Kingdom approved the Tillbridge Solar Farm project.⁴⁰⁶⁷ This project is expected to provide clean energy to over 7.5 million homes, support 1,250 jobs and boost the country's energy security.

On 14 October 2025, Secretary Miliband delivered a speech at the Energy UK conference 2025, focusing on the importance of the country's transition to clean energy.⁴⁰⁶⁸ Secretary Miliband highlighted that “building

⁴⁰⁶² Pioneering carbon capture projects ready for construction, Department for Energy Security and Net Zero (London) 25 September 2025. Access Date: 27 October 2025. <https://www.gov.uk/government/news/pioneering-carbon-capture-projects-ready-for-construction>

⁴⁰⁶³ UK Supports Lebanon's National Renewable Energy Vision, British Embassy Beirut (Beirut) 26 September 2025. Access Date: 8 October 2025. <https://www.gov.uk/government/news/uk-supports-lebanons-national-renewable-energy-vision>

⁴⁰⁶⁴ Great British Energy solar panels cut bills for NHS and schools, Department for Energy Security and Net Zero, Great British Energy, NHS England and The Rt Hon Ed Miliband MP (London) 26 September 2025. Access Date: 8 October 2025. <https://www.gov.uk/government/news/great-british-energy-solar-panels-cut-bills-for-nhs-and-schools>

⁴⁰⁶⁵ Great British Energy to extend solar scheme to military sites, Department for Energy Security and Net Zero and The Rt Hon Ed Miliband MP (London) 1 October 2025. Access Date: 8 October 2025. <https://www.gov.uk/government/news/great-british-energy-to-extend-solar-scheme-to-military-sites>

⁴⁰⁶⁶ British International Investment Commits 60 Million US Dollars to Green Investment Partnership to Close the Climate Finance Funding Gap in South East Asia, British International Investment (London) 6 October 2025. Access Date: 27 October 2025. <https://www.bii.co.uk/en/news-insight/news/british-international-investment-commits-60-million-to-green-investment-partnership-to-close-the-climate-finance-funding-gap-in-south-east-asia/>

⁴⁰⁶⁷ Government has approved enough clean energy to power 7.5 million homes, Department for Energy Security and Net Zero (London) 14 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/news/government-has-approved-enough-clean-energy-to-power-75-million-homes>

⁴⁰⁶⁸ Energy Secretary speech to Energy UK conference 2025, Department for Energy Security and Net Zero (London) 14 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/speeches/energy-secretary-speech-to-energy-uk-conference-2025>

clean energy is the right choice” and announced the Clean Energy Jobs Plan which will create thousands of new jobs in the energy sector by 2030.

On 15 October 2025, the United Kingdom approved GBP30 million in joint funding to boost innovation within the automotive industry.⁴⁰⁶⁹ Toyota, alongside several project partners, will lead the “cutting-edge match-funded project to boost zero-emission vehicle innovation.” This investment aims to advance electric mobility solutions to meet the rising demand for zero-emission vehicles in the United Kingdom, while supporting the government’s Plan for Change.

On 29 October 2025, the United Kingdom announced the Carbon Budget and Growth Delivery Plan, which outlines the country’s plans to continue reducing emissions in a manner that reduces energy costs and creates jobs, in accordance with the landmark 2008 Climate Change Act.⁴⁰⁷⁰ With the support of trade unions, civil society organisations and leading businesses, this framework is expected to create a “stable environment for investment in clean energy.”

On 30 October 2025, the Department for Science, Innovation and Technology approved a GBP55 million long-term backing for the United Kingdom’s research agencies and bodies.⁴⁰⁷¹ It was noted that additional investments will be provided to bodies that make technological and scientific breakthroughs, including the clean energy industry.

On 30 October 2025, Scottish Secretary Douglas Alexander confirmed that GBP17.3 million in funding will be dedicated towards boosting Aberdeen’s Energy Transition Zone.⁴⁰⁷² The funding aims to accelerate the development of a renewables business hub and encourage the creation and growth of clean energy companies. This development will allow Aberdeen South Harbour to position itself as a key hub for offshore renewable projects and attract investment, while expanding its renewables supply chain.

The United Kingdom has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. The United Kingdom has taken strong action to reduce carbon emissions in the energy, industry, buildings, transport and agriculture, forestry and other land use sectors through funding for home energy upgrades, renewable energy in public buildings including schools and hospitals, grants for electric vehicles, investments in renewable energy projects including solar, wind, nuclear and fusion, the Clean Industry Bonus and InnovateUK initiative and funding for forest carbon sinks. It has also supported the reduction of hydrofluorocarbons through the introduction of a new low-carbon inhaler that reduces greenhouse gas emissions. Additionally, the United Kingdom has expanded sustainable aviation fuel production, focused on developing fusion-specific planning rules, supported clean maritime fuels and technologies and engaged in international partnerships to advance the commitment’s objectives.

Thus, The United Kingdom receives a score of +1.

Analyst: Meghry Karagouzian

⁴⁰⁶⁹ Government works in partnership with industry to unlock £30 million electric vehicle R&D project, Department for Business and Trade (London) 15 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/news/government-works-in-partnership-with-industry-to-unlock-30-million-electric-vehicle-rd-project>

⁴⁰⁷⁰ Climate plan captures clean energy benefits and boosts investment, Department for Energy Security and Net Zero (London) 29 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/news/climate-plan-captures-clean-energy-benefits-and-boosts-investment>

⁴⁰⁷¹ £55 billion R&D funding boost to unlock UK breakthroughs from health to clean energy, Department for Science, Innovation and Technology (London) 30 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/news/55-billion-rd-funding-boost-to-unlock-uk-breakthroughs-from-health-to-clean-energy>

⁴⁰⁷² £17.3 million UK Government funding for Energy Transition Zone, Scotland Office (Edinburgh) 30 October 2025. Access Date: 11 November 2025. <https://www.gov.uk/government/news/173-million-uk-government-funding-for-energy-transition-zone>

United States: 0

United States has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 3 December 2024, the United States reaffirmed its support for Angola's goal of generating 73 per cent of its energy from clean sources by 2027, while addressing both current and anticipated energy needs along the Lobito Trans-Africa Corridor.⁴⁰⁷³ President Joe Biden also announced USD560 million in additional funding for the corridor, supporting infrastructure, clean energy and supply chains, agriculture and other needs.

On 9 December 2024, the United Kingdom, the United States and Tokamak Energy announced a joint fusion energy project for lithium research which is essential to diversify the energy sector to include fusion energy.⁴⁰⁷⁴ Fusion energy, once commercially available, has the potential to provide ample clean electricity. This project will be supported by GBP40.5 million in funding of which the United Kingdom and United States will each provide GBP13.5 million.

On 13 December 2024, the White House announced that it held a roundtable earlier in the week to enhance the voluntary carbon market for nature-based solutions.⁴⁰⁷⁵ This engagement brought together stakeholders from government, industry and environmental organizations to discuss strategies for strengthening market integrity to promote carbon sequestration, biodiversity conservation and climate mitigation.

On 19 December 2024, President Joe Biden announced a new climate target for the United States, aiming for a 61-66 per cent reduction in net greenhouse gas emissions by 2035 from 2005 levels.⁴⁰⁷⁶ The strategy includes leveraging investments from the Inflation Reduction Act and Bipartisan Infrastructure Law, implementing federal standards and mobilizing private capital. This commitment supports the sustainability and responsibility of energy transition supply chains by promoting clean energy initiatives and reducing emissions.

On 20 December 2024, the Department of Energy and Environmental Protection Agency announced a combined commitment of USD850 million to reduce methane pollution in the oil and gas sector.⁴⁰⁷⁷ This initiative is designed to support advanced technologies and regulation to capture and prevent methane emissions.

⁴⁰⁷³ FACT SHEET: Partnership for Global Infrastructure and Investment in the Lobito Trans-Africa Corridor, The White House (Washington D.C.) 3 December 2024. Access Date: 13 April 2025. <https://bidenwhitehouse.archives.gov/briefing-room/statements-releases/2024/12/03/fact-sheet-partnership-for-global-infrastructure-and-investment-in-the-lobito-trans-africa-corridor/>

⁴⁰⁷⁴ UK and US announce first joint project in fusion energy innovation, Department for Energy Security and Net Zero (London) 9 December 2024. Access Date: 23 June 2025. <https://www.gov.uk/government/news/uk-and-us-announce-first-joint-project-in-fusion-energy-innovation>

⁴⁰⁷⁵ Readout of White House Roundtable on Enhancing the Voluntary Carbon Market for Nature-Based Solutions, The White House (Washington D.C.), 13 December 2024. Access Date: 13 April 2025. <https://bidenwhitehouse.archives.gov/briefing-room/statements-releases/2024/12/13/readout-of-white-house-roundtable-on-enhancing-the-voluntary-carbon-market-for-nature-based-solutions/>

⁴⁰⁷⁶ FACT SHEET: President Biden Sets 2035 Climate Target Aimed at Creating Good-Paying Union Jobs, Reducing Costs for All Americans, and Securing U.S. Leadership in the Clean Energy Economy of the Future, The White House (Washington D.C.) 19 December 2024. Access Date: 29 March 2025. <https://bidenwhitehouse.archives.gov/briefing-room/statements-releases/2024/12/19/fact-sheet-president-biden-sets-2035-climate-target-aimed-at-creating-good-paying-union-jobs-reducing-costs-for-all-americans-and-securing-u-s-leadership-in-the-clean-energy-economy-of-the-future>

⁴⁰⁷⁷ DOE and EPA Announce \$850 Million to Reduce Methane Pollution from the Oil and Gas Sector, U.S. Department of Energy (Washington D.C.) 20 December 2024. Access Date: 13 April 2025. <https://www.energy.gov/articles/doe-and-epa-announce-850-million-reduce-methane-pollution-oil-and-gas-sector-0>

On 20 December 2024, the Department of Energy announced a USD517 million investment to advance innovative transportation technologies.⁴⁰⁷⁸ This funding is aimed supporting electric vehicles, alternative fuels and electrification solutions that can significantly reduce greenhouse gas emissions.

On 20 December 2024, the Binational Industrial Research and Development Energy program announced a USD7.5 million investment for Israel-US clean energy projects.⁴⁰⁷⁹ This investment aims to accelerate the development of renewable energy to lower greenhouse gas emissions and advance the net zero transition. Projects include the development of green ammonia which is used for green fertilizers, “dual-thermal energy storage for residential buildings” and hydrogen as a marine engines fuel.

On 19 December 2024, the Department of Energy announced USD15 million in awards under the Solve It Prize, recognizing communities that are spearheading innovative solutions to drive clean energy progress.⁴⁰⁸⁰ This initiative aims to support projects that enhance energy efficiency, reduce greenhouse gas emissions and foster sustainable practices at the local level.

On 20 December 2024, the Department of Energy unveiled its updated Hydrogen Program Plan which aims to increase hydrogen production, storage and distribution technologies.⁴⁰⁸¹ This plan aims to accelerate decarbonization in the US’ energy sector.

On 24 December 2024, the United States and Japan agreed to strengthen cooperation in the development and deployment of advanced clean energy technologies.⁴⁰⁸² This includes floating offshore wind, clean hydrogen and derivatives such as ammonia and synthetic fuels, carbon capture and recycling and small modular reactors. Japan also committed to collaborate on resilient mineral supply chains and methane emission reductions in the Indo-Pacific. The United States and Japan also co-hosted a session involving private sector representatives to boost public-private collaboration in the energy transition. Participants exchanged views on emerging clean energy markets, including synthetic methane and hydrogen, to meet the growing demand for clean electricity in the digital age.

On 16 January 2025, the Department of Energy announced an investment of nearly USD14 million in federal funding for four projects aimed at advancing the large-scale conversion of carbon dioxide emissions into valuable products.⁴⁰⁸³ These projects focus on developing technologies that transform carbon emissions into fuels, building materials and other carbon-based products, contributing to the sustainability and responsibility of energy transition supply chains by reducing greenhouse gas emissions and promoting innovative uses of captured carbon.

⁴⁰⁷⁸ DOE Invests \$51.7 Million to Advance Innovative Transportation Technologies, U.S. Department of Energy (Washington D.C.) 20 December 2024. Access Date: 13 April 2025. <https://www.energy.gov/eere/articles/doe-invests-517-million-advance-innovative-transportation-technologies>

⁴⁰⁷⁹ BIRD Energy to Invest \$7.5 Million in Cooperative Israel-U.S. Clean Energy Projects, U.S. Department of Energy (Washington, D.C.), 20 December 2024., Access Date: 13 April 2025. <https://www.energy.gov/ia/articles/bird-energy-invest-75-million-cooperative-israel-us-clean-energy-projects>

⁴⁰⁸⁰ DOE SOLVE IT Prize Awards \$1.5 Million to Communities Driving Clean Energy Projects, U.S. Department of Energy (Washington D.C.) 19 December 2024. Access Date: 13 April 2025. <https://www.energy.gov/technologytransitions/articles/doe-solve-it-prize-awards-15-million-communities-driving-clean>

⁴⁰⁸¹ U.S. Department of Energy Unveils Updated Hydrogen Program Plan, U.S. Department of Energy (Washington D.C.) 20 December 2024. Access Date: 13 April 2025. <https://www.energy.gov/eere/fuelcells/articles/us-department-energy-unveils-updated-hydrogen-program-plan>

⁴⁰⁸² Results of the Japan-U.S. Clean Energy Partnership (JUCEP) Ministerial Meeting, Ministry of Economy, Trade and Industry (Tokyo) 24 December 2024. Access Date: 2 April 2025. https://www.meti.go.jp/english/press/2024/1224_001.html

⁴⁰⁸³ DOE Invests Nearly \$14 Million to Advance Technologies That Transform Carbon Emissions into Valuable Products, U.S. Department of Energy (Washington D.C.) 16 January 2025. Access Date: 29 March 2025. <https://www.energy.gov/fecm/articles/doe-invests-nearly-14-million-advance-technologies-transform-carbon-emissions>

On 17 January 2025, the Department of Energy’s Loan Programs Office announced USD584.5 million in loan guarantees for Convergent Energy and Power Incorporation’s subsidiaries.⁴⁰⁸⁴ This guarantee will support the development of a solar photovoltaic and integrated battery energy storage system and three additional battery energy storage systems in Puerto Rico. The solar plant is expected to provide 200,000 megawatt hours of energy annually with the three stand-alone energy storage systems having a capacity of 900 megawatt hours.

On 12 February 2025, Secretary of Energy Jennifer Granholm and Saudi Arabia’s Minister of Industry and Mineral Resources Bandar Alkhorayef met to discuss enhancing cooperation between Saudi Arabia and the United States in clean energy and sustainable mining.⁴⁰⁸⁵ The ministers focused on boosting trade in non-oil exports, encouraging investment in mining projects and supporting climate-oriented goals under the Saudi Green Initiative which aims to address climate change and promote sustainability in the energy and industry sectors.

On 14 February 2025, Secretary of Energy Chris Wright and President Donald Trump announced “a new export authorization for the Commonwealth LNG (liquefied natural gas) project proposed for Cameron Parish, Louisiana.”⁴⁰⁸⁶ The project is expected to help the US export over 1.2 billion cubic feet of LNG per day, once constructed, increasing the use and reliance on LNG which is a greenhouse gas emitter.

On 28 February 2025, the Department of Energy reversed the Biden-Harris Administration’s order to allow LNG to be used as fuel for marine vessels.⁴⁰⁸⁷ This action is directly and explicitly antithetical to the commitment as LNG is a source of greenhouse gas emissions and this action is expected to increase LNG use. However, LNG is a cleaner source of energy than coal or oil and can help facilitate a low-carbon transition.

On 21 March 2025, the Department of Energy reallocated USD365 million in funding for rooftop solar and battery storage to advance reliable energy in Puerto Rico.⁴⁰⁸⁸ While this action supports Puerto Rico, it takes financing away from clean energy initiatives. Thus, it is antithetical to the commitment.

On 24 March 2025, the Department of Energy re-issued a USD900 million “solicitation to support the deployment of small modular reactors.”⁴⁰⁸⁹ This will enable energy transition to cleaner alternatives to meet demand forecasts driven by artificial intelligence data center growths.

On 8 April 2025, President Trump signed an Executive Order to designate coal as a critical mineral, lift barriers on coal mining and require agencies to rescind any policies that seek transition away from coal.⁴⁰⁹⁰ This action is contrary to the commitment as coal is a major greenhouse gas emitter.

⁴⁰⁸⁴ DOE Announces \$584.5 Million Loan Guarantee to Subsidiaries of Convergent Energy and Power Inc. to Build Solar PV and Energy Storage in Puerto Rico, U.S. Department of Energy (Washington D.C.) 17 January 2025. Access Date: 30 June 2025. <https://www.energy.gov/lpo/articles/doe-announces-5845-million-loan-guarantee-subsidiaries-convergent-energy-and-power-inc>

⁴⁰⁸⁵ Saudi Industry Minister, US Energy Secretary Discuss Enhancing Cooperation in Clean Energy, Critical Minerals, Government of South Africa (Riyadh) 12 February 2025. Access Date: 25 June 2025. <https://my.gov.sa/en/news/16363>

⁴⁰⁸⁶ Secretary Wright Issues First LNG Export Approval for Commonwealth LNG, U.S. Department of Energy (Washington D.C.) 14 February 2025. Access Date: 30 June 2025. <https://www.energy.gov/articles/secretary-wright-issues-first-lng-export-approval-commonwealth-lng>

⁴⁰⁸⁷ DOE Removes Barriers to the Use of LNG as a Marine Fuel with Order to JAX LNG, U.S. Department of Energy (Washington D.C.) 28 February 2025. Access Date: 30 June 2025. <https://www.energy.gov/articles/doe-removes-barriers-use-lng-marine-fuel-order-jax-lng>

⁴⁰⁸⁸ Energy Department to Redirect \$365 Million to Support Grid Resilience Efforts in Puerto Rico, U.S. Department of Energy (Washington D.C.) 21 March 2025. Access Date: 30 June 2025. <https://www.energy.gov/articles/energy-department-redirect-365-million-support-grid-resilience-efforts-puerto-rico>

⁴⁰⁸⁹ \$900 Million Available to Unlock Commercial Deployment of American-Made Small Modular Reactors, U.S. Department of Energy (Washington D.C.) 24 March 2025. Access Date: 19 May 2025. <https://www.energy.gov/ne/articles/900-million-available-unlock-commercial-deployment-american-made-small-modular-reactors>

⁴⁰⁹⁰ Fact Sheet: President Donald J. Trump Reinvigorates America’s Beautiful Clean Coal Industry, The White House (Washington D.C.) 8 April 2025. Access Date: 19 May 2025. <https://www.whitehouse.gov/fact-sheets/2025/04/fact-sheet-president-donald-j-trump-reinvigorates-americas-beautiful-clean-coal-industry/>

On 22 April 2025, the Department of Energy released the third loan disbursement to Holtec for the reopening of the Palisades Nuclear Plant.⁴⁰⁹¹ When completed, it is expected to provide 800 megawatts of affordable, reliable baseload power in Michigan.

On 30 May 2025, the Department of Energy removed barriers on alternative fuel sources for the agriculture sector.⁴⁰⁹² In doing so, the Department of Energy aims to advance the use of ethanol from corn wet-milling, natural gas from coal-mine methane and other sources of bioenergy to support farmers.

On 30 May 2025, the Nuclear Regulatory Commission approved a small modular reactor design with a 77 megawatts-electric design.⁴⁰⁹³ This approval aims to advance nuclear energy in the US.

On 30 May 2025, Secretary Wright announced the termination of 24 clean energy projects aimed at advancing carbon capture and sequestration and decarbonization.⁴⁰⁹⁴ This announcement takes away USD3.7 billion in funding from clean energy initiatives aimed at advancing the net zero transition. Thus, this action is directly and explicitly antithetical to the commitment.

On 4 July 2025, President Trump enacted the One Big Beautiful Bill Act (OBBBA), with sections 70501-70510 terminating clean energy subsidies previously accorded by the Green New Deal, including the clean vehicle credit, residential clean energy credit and energy efficient home improvement credit.⁴⁰⁹⁵ Section 70511 will also eliminate the clean hydrogen production tax credit by 2028 and section 70512(a) terminated clean energy production credits for wind and solar facilities that produce electricity after December 2027. These terminations undermine the commitment's focus on reducing greenhouse gas emissions.

On 12 August 2025, the Secretaries of State, Commerce, Energy, and Transportation issued a joint statement rejecting the International Maritime Organization's Net Zero Framework for shipping, stating that it is a global carbon tax on American consumers and industry.⁴⁰⁹⁶ The statement commits to opposing the adoption of the framework, warning that the proposed fuel standards and fees would raise energy and transport costs for Americans.

On 29 September 2025, the Department of Energy announced a USD625 million package to reinvigorate and expand the coal industry, including funds to recommission or retrofit coal units and extend plant lifetimes.⁴⁰⁹⁷ This action is antithetical to the commitment which aims to reduce greenhouse gas emissions.

⁴⁰⁹¹ DOE Approves Third Loan Disbursement to Reopen the Palisades Nuclear Plant, U.S. Department of Energy (Washington D.C.) 22 April 2025. Access Date: 19 May 2025. <https://www.energy.gov/articles/doe-approves-third-loan-disbursement-reopen-palisades-nuclear-plant>

⁴⁰⁹² Energy Department Expands Access to Thriving Alternative Fuels Market, U.S. Department of Energy (Washington D.C.) 30 May 2025. Access Date: 30 June 2025. <https://www.energy.gov/eere/articles/energy-department-expands-access-thriving-alternative-fuels-market-0>

⁴⁰⁹³ NRC Approves NuScale Power's Up-rated Small Modular Reactor Design, U.S. Department of Energy (Washington D.C.) 30 May 2025. Access Date: 30 June 2025. <https://www.energy.gov/ne/articles/nrc-approves-nuscale-powers-uprated-small-modular-reactor-design>

⁴⁰⁹⁴ Secretary Wright Announces Termination of 24 Projects, Generating Over \$3 Billion in Taxpayer Savings, U.S. Department of Energy (Washington D.C.) 30 May 2025. Access Date: 30 June 2025. <https://www.energy.gov/articles/secretary-wright-announces-termination-24-projects-generating-over-3-billion-taxpayer>

⁴⁰⁹⁵ H.R.1 - One Big Beautiful Bill Act, United States Congress (Washington D.C.) 4 July 2025. Access Date: 7 July 2025. <https://www.congress.gov/bill/119th-congress/house-bill/1/text>

⁴⁰⁹⁶ Joint Statement on Protecting American Consumers and Shipping Industries by Defeating the International Maritime Organization's Net Zero Framework, U.S. Department of Energy (Washington D.C.) 12 August 2025. Access Date: 30 August 2025. <https://www.energy.gov/articles/joint-statement-protecting-american-consumers-and-shipping-industries-defeating>

⁴⁰⁹⁷ Energy Department Announces \$625 Million Investment to Reinvigorate and Expand America's Coal Industry, U.S. Department of Energy (Washington D.C.) 29 September 2025. Access Date: 28 October 2025. <https://www.energy.gov/articles/energy-department-announces-625-million-investment-reinvigorate-and-expand-americas-coal>

On 2 October 2025, the Department of Energy terminated 321 financial awards supporting 223 energy projects, canceling about USD7.56 billion in funding.⁴⁰⁹⁸ Halting awards across renewables, hydrogen, grid upgrades and other clean energy areas risks slowing decarbonization and is antithetical to the commitment's objective of reducing greenhouse gas emissions.

United States has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. The United States has taken strong action to reduce greenhouse gas emissions in the transport, energy, agriculture and buildings through funding for innovative transportation technologies, methane reduction, green ammonia production, rooftop solar, fusion energy and the nuclear sector. However, it has also taken actions that are directly and explicitly antithetical to the commitment including removing funding from clean energy initiatives and advancing LNG use, designating coal as a critical mineral, investing in coal, terminating significant funding for renewable energy initiatives and opposing the International Maritime Organization's Net Zero Framework.

Thus, United States receives a score of 0.

Analyst: Tara Van de Wall

African Union: 0

The African Union has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 5 December 2024, at the African Union's Specialized Technical Committee on Transport and Energy, African ministers from 39 countries endorsed the Climate Resilient and Smart Infrastructure Policy.⁴⁰⁹⁹ This policy focuses on sustainable and low-carbon aviation in line with net-zero transport emission goals, green hydrogen and sustainable climate-resilient infrastructure. The ministers also approved a Continental Strategy for Sustainable Aviation Fuels and Low Carbon Aviation Fuels aimed at increasing sustainable fuels for transportation, the African Green Hydrogen Strategy and Action Plan to increase renewable energy and advance the net zero transition and the African Energy Efficiency Strategy and Action Plan focused on energy efficiency and clean energy in the power, transport, energy, buildings, agriculture and industry sectors.

On 27 January 2025, the African Union, African Development Bank, World Bank Group and Tanzania co-hosted the Mission 300 Africa Energy Summit.⁴¹⁰⁰ Twelve AU countries presented their National Energy Compacts at the summit, detailing renewable energy and energy access targets. Participants also agreed to advance renewable and clean energy, electrification and accessible and affordable energy through the Dar es Salaam Energy Declaration.

On 20 January 2025, Commissioner for Infrastructure and Energy Amani Abou-Zeid attended the World Economic Forum Annual Meeting to discuss Africa's role in the global energy transition.⁴¹⁰¹ Commissioner Zeid highlighted Africa's potential to lead in clean technologies, sustainable development and sustainable mining for climate change, as well as the development of equitable climate-resilient energy systems.

⁴⁰⁹⁸ Energy Department Announces Termination of 223 Projects, Saving Over \$7.5 Billion, U.S. Department of Energy (Washington D.C.) 2 October 2025. Access Date: 28 October 2025. <https://www.energy.gov/articles/energy-department-announces-termination-223-projects-saving-over-75-billion>

⁴⁰⁹⁹ African Ministers Endorse Landmark Strategies to Underpin Climate Resilience, Promote Alternative Fuels, African Union (Addis-Ababa), 5 December 2024, Access date: 17 April 2025. <https://au.int/en/pressreleases/20241205/african-ministers-endorse-landmark-strategies-underpin-climate-resilience>

⁴¹⁰⁰ Africa Energy Summit, leaders commit to energy transformation with more than \$50billion backing from global partners, African Development Bank Group (Abidjan) 28 January 2025. Access Date: 30 June 2025. <https://www.afdb.org/en/news-and-events/press-releases/africa-energy-summit-leaders-commit-energy-transformation-more-50billion-backing-global-partners-80515>

⁴¹⁰¹ African Union at the World Economic Forum, African Union Commission (Addis Ababa) 20 January 2025. Access Date: 28 March 2025. <https://au.int/en/pressreleases/20250120/african-union-world-economic-forum>

On 13 February 2025, the African Energy Commission and Denmark launched a project to enhance energy efficiency and sustainable development within the AU.⁴¹⁰² The project will focus on improving energy capacity and advancing sustainable and reliable supply chains in line with the energy transition.

On 16 February 2025, the African Union adopted the Continental Strategy for Sustainable Aviation Fuels, Low Carbon Aviation Fuels and the African Green Hydrogen Strategy at the 38th African Union summit.⁴¹⁰³ The first and second strategy aims to decrease the carbon output of aviation through the creation of a sustainable aviation fuels industry providing aircrafts with non-carbon fuel sources. The third initiative verifies that financial and technical advancements in hydrogen are at the forefront of Africa's green hydrogen plan which is in line with ensuring energy security in the African Union. The African Union also endorsed the Dar Es Salaam Energy Declaration which aims to advance renewable and clean energy in Africa.⁴¹⁰⁴

On 25 March 2025, the African Union and the European Union celebrated 25 years of partnership, which will emphasize the four key pillars of their partnership.⁴¹⁰⁵ One of the four key pillars involves collaboration on sustainable trade and growth as well as green transitions.

On 12 June 2025, Commissioner for Infrastructure and Energy Lerato Matoboge spoke at the African Green Hydrogen Summit.⁴¹⁰⁶ Commissioner Matoboge highlighted the significance of developing green hydrogen policies in line with the AU's African Green Hydrogen Strategy which aims to expand renewable energy in Africa.

On 31 July 2025, Commissioner for Agriculture, Rural Development, Blue Economy and Sustainable Environment Moses Vilakati issued a statement ahead of the Second Africa Climate Summit (ACS-2).⁴¹⁰⁷ In the statement, Commissioner Vilakati discussed Africa's comparatively small contribution to global greenhouse gas emissions, and disproportionate climate risks. He expressed hope for the ACS-2 to act in climate issues and solution, focusing on renewable energy.

On 4 August 2025, the Department of Electricity and Energy's representative Robert Kwindia attended a workshop held by the African Energy Commission. The workshop included training sessions on South Africa's national energy management.⁴¹⁰⁸ He remarked that the workshop training would help in enhancing South Africa's ability to track emissions in line with international goals. Overall, the workshop supports Africa's aims of accurate carbon emissions tracking.

⁴¹⁰² AFREC and Denmark Launch "Efficiency First" programme to promote Energy Efficiency in Africa, African Energy Commission (Addis Ababa) 13 February 2025. Access Date: 23 June 2025. <https://au-afrec.org/afrec-and-denmark-launch-efficiency-first-programme-promote-energy-efficiency-africa>

⁴¹⁰³ African Union Summit Adopts Bold Strategies for Clean and Sustainable Energy and Transport Pathways, African Union (Addis Ababa) 19 February 2025. Access date: 6 May 2025. <https://au.int/en/pressreleases/20250219/african-union-summit-adopts-bold-strategies-clean-and-sustainable-energy-and>

⁴¹⁰⁴ African Union Summit: African Development Bank President Highlights a Decade of Economic Transformational Impact, African Union (Addis Ababa) 17 February 2025. Access date: 6 May 2025. <https://www.afdb.org/en/news-and-events/press-releases/african-union-summit-african-development-bank-president-highlights-decade-economic-transformational-impact-81019>

⁴¹⁰⁵ African Union and European Union Celebrate 25 Years of Strengthened Partnership, African Union Commission (Addis Ababa) 25 March 2025. Access Date: 28 March 2025. <https://au.int/en/pressreleases/20250325/african-union-and-european-union-celebrate-25-years-strengthened-partnership>

⁴¹⁰⁶ Commissioner Lerato Calls for Urgent Action on Adopting National Green Hydrogen Policies at African Green Hydrogen Summit 2025, African Union Commission (Addis Ababa) 12 June 2025. Access Date: 4 July 2025. <https://au.int/en/pressreleases/20250612/commissioner-lerato-calls-urgent-action-adopting-national-green-hydrogen>

⁴¹⁰⁷ Statement By H.E. Moses Vilakati, AUC Commissioner for ARBE at Media Briefing on the Second Africa Climate Summit (ACS-2), African Union Commission (Addis Ababa) 31 July 2025. Access Date: 8 August 2025. <https://au.int/en/speeches/20250731/auc-commissioner-arbe-media-briefing-second-africa-climate-summit-acs2#:~:text=While%20Africa%20needs%20%243%20trillion,efficiency%2C%20adequacy%2C%20and%20justice.>

⁴¹⁰⁸ AFREC Empowers South Africa to Strengthen Energy Data Statistics Reporting, African Union Commission (Addis Ababa) 4 August 2025. Access Date: 8 August 2025. <https://au.int/en/pressreleases/20250804/afrec-empowers-south-africa-strengthen-energy-data-statistics-reporting>

The African Union has partially complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. The African Union has taken weak actions across most of the commitment components to support the reduction of greenhouse gas emissions and advance the net zero transition. This includes policies endorsed by the Specialized Technical Committee on Transport and Energy and approved by the African Union for hydrogen, sustainable aviation fuels and energy efficiency, the Dar Es Salaam Energy Declaration endorsed by the AU and reaffirmed commitments towards clean technologies and sustainable development.

Thus, the African Union receives a score of 0.

Analyst: Lindsay Lin

European Union: +1

The European Union has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways.

On 24 November 2024, the European Investment Bank allocated up to EUR80 million for Nortegas Renovables to develop biomethane plants in Spain.⁴¹⁰⁹ These plants will use agricultural waste to create biomethane, reducing methane and other greenhouse gas emissions. The plants are expected to produce 3.5 trillion-watt hours of energy annually by 2030.

On 5 December 2024, European Union and Mercosur concluded negotiations on a new EU-Mercosur agreement which includes increasing support in renewable energy sectors, diversifying supply chains and securing raw materials for the green transition.⁴¹¹⁰

On 17 December 2024, the European Commission approved a EUR3 billion scheme funded by Germany and the Netherlands to produce “renewable fuels of non-biological origin.”⁴¹¹¹ This will help advance the net zero transition and help the EU achieve its climate and hydrogen goals.

On 18 December 2024, the European Commission allocated EUR2.7 billion in funding for 39 projects across eight EU member states.⁴¹¹² The projects include renewable energy integration in Bulgaria, photovoltaics and energy storage production in Croatia, reducing carbon emissions in Czechia, renewable energy for public and multi-apartment buildings in Latvia, energy savings in buildings in Lithuania and greenhouse gas emissions reductions in Slovakia.

On 1 February 2025, the European Commission allocated EUR645 million from the Connecting Europe Facility towards Denmark and Germany’s offshore wind energy project.⁴¹¹³ The Bornholm Energy Island project aims to integrate 3 gigawatts of wind energy within the European electricity grid by the next decade. This will support energy efficiency, the renewable energy transition and energy security within Europe.

⁴¹⁰⁹ EIB grants up to €80 million InvestEU-backed framework financing to Nortegas Group to develop biomethane plants in Spain, European Commission (Brussels) 24 November 2024. Access Date: 30 June 2025.

https://ec.europa.eu/commission/presscorner/detail/en/ip_24_6027

⁴¹¹⁰ EU and Mercosur reach political agreement on groundbreaking partnership, European Commission (Brussels) 5 December 2024. Access Date: 29 March 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_24_6244

⁴¹¹¹ Commission approves €3 billion German-Dutch State aid scheme to support the production of renewable fuels of non-biological origin, European Commission (Brussels) 17 December 2024. Access Date: 30 June 2025.

https://ec.europa.eu/commission/presscorner/detail/en/ip_24_6433

⁴¹¹² Joint press release: Commission and European Investment Bank clear an additional €2.7 billion from emissions trading revenues for cleaner energy systems via the Modernisation Fund, European Commission (Brussels) 18 December 2024. Access Date: 30 June 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_24_6426

⁴¹¹³ Offshore-Kooperationsprojekt zwischen Dänemark und Deutschland Bornholm Energy Island erhält EU-Fördermittel, Bundesministerium für Wirtschaft und Energie (Berlin) 1 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025. <https://www.bundeswirtschaftsministerium.de/Redaktion/DE/Pressemitteilungen/2025/20250201-offshore-kooperationsprojekt-daenemark-deutschland-eu-foerdermittel.html>

On 5 February 2025, the European Union, French Development Agency, Indonesian Ministry of Energy and Mineral Resources and the National Electricity Company launched the 2025-2030 Indonesia Energy Transition Facility, under the Just Energy Transition Partnership Framework.⁴¹¹⁴ This project will focus on developing and implementing renewable energy and transmission projects and ensuring appropriate public policies for the energy transition. The EU will provide EUR10.6 million and AFD will provide EUR4.1 million for this initiative.

On 6 February 2025, the European Climate, Infrastructure and Environment Executive Agency allocated EUR422 million towards 39 projects aimed at advancing the net zero transition in the transportation sector.⁴¹¹⁵ These projects include the construction of “2,500 electric recharging points for light-duty vehicles and 2,400 for heavy-duty vehicles along the European TEN-T road network, 35 hydrogen refuelling stations for cars, trucks and buses, the electrification of ground handling services in 8 airports, the greening of 9 ports and 2 ammonia and methanol bunkering facilities.”

On 11 February 2025, representatives of the European Union and Colombia met for a second High-level Dialogue on Climate and Environment in Bogotá, Colombia.⁴¹¹⁶ They agreed to continue to collaborate on the green energy transition and climate neutrality as well as reaffirming their joint commitment to the 1.5°C temperature benchmark.

On 19 February 2025, the European Climate, Infrastructure and Environment Executive Agency announced EUR7.8 million in awards to advance the net zero transition in the marine transportation sector.⁴¹¹⁷ Funded through the Horizon Europe programme, projects will focus on green shipping including through the use of solar panels, batteries and wind energy to reduce emissions by 40 per cent.

On 19 February 2025, the European Environment Agency published the second progress report on climate and environmental objectives laid out in the 8th Environment Action Programme, demonstrating that the EU is partially on track towards its 2030 climate and environmental goals.⁴¹¹⁸ The report noted that the EU is “likely on track” to meet the target of cutting net greenhouse gas emissions by at least 55 per cent from 1990 levels by 2030.

On 27 February 2025, European Investment Bank loaned EUR430 million to Portugal for a renewable hydrogen project and a biofuels project.⁴¹¹⁹ The renewable hydrogen production unit project will be one of the first major operational hydrogen production units in the EU.

On 12 March 2025, President of the European Commission Ursula von der Leyen, President of the European Council António Costa and President of the Republic of South Africa Cyril Ramaphosa signed a joint statement

⁴¹¹⁴ La France et l'UE renforcent leur partenariat avec l'Indonésie pour accélérer la transition énergétique, Agence Française de Développement (Paris) 5 February 2025. Translation provided by Google Translate. Access Date: 23 June 2025.

<https://www.afd.fr/fr/actualites/communiqu%C3%A9-de-presse/la-france-et-lue-renforcent-leur-partenariat-avec-lindonesie-pour-acceler-la-transition-energetique>

⁴¹¹⁵ Alternative fuels: €422 million of EU funding to boost zero-emission mobility, European Climate, Infrastructure and Environment Executive Agency (Brussels) 6 February 2025. Access Date: 30 June 2025. https://cinea.ec.europa.eu/news-events/news/alternative-fuels-eu422-million-eu-funding-boost-zero-emission-mobility-2025-02-06_en

⁴¹¹⁶ High Level Dialogue on climate between Colombia and the EU, European Commission (Brussels) 14 February 2025. Access Date: 29 March 2025. https://climate.ec.europa.eu/news-your-voice/news/high-level-dialogue-climate-between-colombia-and-eu-2025-02-14_en

⁴¹¹⁷ EU awards €7.8 million to develop next-generation power systems for green shipping, European Climate, Infrastructure and Environment Executive Agency (Brussels) 19 February 2025. Access Date: 30 June 2025. https://cinea.ec.europa.eu/news-events/news/eu-awards-eu78-million-develop-next-generation-power-systems-green-shipping-2025-02-19_en

⁴¹¹⁸ Monitoring report on progress towards the 8th EAP objectives - 2024 edition, European Environment Agency (Copenhagen) 19 February 2025. Access Date: 29 March 2025. <https://www.eea.europa.eu/en/analysis/publications/monitoring-progress-towards-8th-eap-objectives/th-01-25-000-en-n.pdf/@download/file>

⁴¹¹⁹ Portugal: EIB finances Galp's Renewable Hydrogen and Biofuels projects in Sines with €430 million, European Investment Bank (Luxembourg City) 27 February 2025. Access Date: 29 March 2025. <https://www.eib.org/en/press/all/2025-107-eib-finance-galp-s-renewable-hydrogen-and-biofuels-projects-in-sines-with-eur430-million>

on various issues including supply chains and energy transition technologies.⁴¹²⁰ The members agreed to launch negotiations for a “Clean Trade and Investment Partnership.” This partnership will include investment in raw materials supply chains and renewable energy projects.

On 23 March 2025, the European Commission approved EUR5 billion for Germany’s scheme to advance decarbonization in the industrial sector.⁴¹²¹ This will contribute to decreased carbon emissions and increased energy efficiency through electrification, hydrogen and carbon capture, storage and use.

On 14 April 2025, the European Commission approved EUR400 million for Spain’s renewable hydrogen initiative.⁴¹²² This project is aimed at accelerating decarbonization in the industrial sector, in line with the Clean Industrial Deal.

On 25 April 2025, European Investment Bank and PGE Polska Grupa Energetyczna signed a EUR525 million loan agreement for Poland’s energy transition.⁴¹²³ The deal includes investments in photovoltaic installations and storage units. This supports Poland and the EU’s energy transition.

On 30 April 2025, the European Climate, Infrastructure and Environment Executive Agency announced EUR52.4 million in funding for nine renewable energy projects in Finland and Estonia.⁴¹²⁴ Funded through the EU Renewable Energy Financing Mechanism, the projects will develop seven solar photovoltaic parks and plants in Finland and an onshore wind project and wind farm in Estonia.

On 11 May 2025, European Union and Japan held the third Digital Partnership Council to reinforce their technology cooperation.⁴¹²⁵ Both members agreed to collaborate on semiconductors, Artificial Intelligence and 5G/6G research. This will support both members diversification of responsible semiconductor supply chains.

On 15 May 2025, the European Union and India announced two new climate initiatives under the India-EU Trade and Technology Council framework.⁴¹²⁶ The second initiative will receive EUR10 million in funding from the EU and EUR9.3 million from India’s Ministry of New and Renewable Energy and to advance the development of hydrogen from agricultural, forestry-related, municipal, sewage and industrial biogenic wastes. This project aims to support the reduction of greenhouse gas emissions.

On 19 May 2025, the European Commission approved EUR1.2 billion for the Netherlands’ industrial decarbonization initiative.⁴¹²⁷ This initiative will reduce greenhouse gas emissions through the use of “secondary

⁴¹²⁰ EU - South Africa Summit Declaration, European Commission (Cape Town) 12 March 2025. Access Date: 15 May 2025. https://ec.europa.eu/commission/presscorner/detail/en/statement_25_773

⁴¹²¹ Commission approves €5 billion German State aid scheme to help industries decarbonise production processes, European Commission (Brussels) 23 March 2025. Access Date: 30 June 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_846

⁴¹²² Commission approves a €400 million Spanish State aid scheme to support renewable hydrogen production, European Commission (Brussels) 14 April 2025. Access Date: 30 June 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1059

⁴¹²³ EIB extends over €525 million to Poland’s top utility PGE for renewable energy production, European Investment Bank (Luxembourg) 25 April 2025. Access Date: 15 May 2025. <https://www.eib.org/en/press/all/2025-193-eib-extends-over-eur525-million-to-poland-s-top-utility-pge-for-renewable-energy-production>

⁴¹²⁴ RENEWM: €52 million to 9 renewable energy projects in Finland and Estonia, European Climate, Infrastructure and Environment Executive Agency (Brussels) 30 April 2025. Access Date: 30 June 2025. https://cinea.ec.europa.eu/news-events/news/renewfm-eu52-million-9-renewable-energy-projects-finland-and-estonia-2025-04-30_en

⁴¹²⁵ EU and Japan reinforce tech and digital partnership, European Commission (Brussels) 11 May 2025. Access Date: 15 May 2025. http://ec.europa.eu/commission/presscorner/detail/en/ip_25_1185

⁴¹²⁶ India-EU join hands to find innovative research solutions to Marine Plastic Litter and Waste to Hydrogen, Office of Principal Scientific Advisor to GoI (New Delhi) 15 May 2025. Access Date: 29 June 2025. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2128923>

⁴¹²⁷ Commission approves €1.2 billion Dutch State aid scheme to support industrial decarbonisation, European Commission (Brussels) 19 May 2025. Access Date: 30 June 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1250

or bio-based raw materials” instead of fossil fuels, with each selected project under the initiative reducing emissions by 100,000 tonnes or more.

On 29 May 2025, the United Kingdom and European Union, as co-leads of the International Partners Group (IPG)’s Vietnam Just Energy Transition Partnership (JETP), welcomed French President Emmanuel Macron’s visit to Vietnam, supporting renewable energy in the country.⁴¹²⁸ They also shared their support for the French Development Agency and six IPG Development Finance Institutions’ EUR547 million contribution for energy transition in Vietnam. This includes EUR480 million co-funded by the EIB, French Development Agency (AFD), Proparco, the Japan International Cooperation Agency, Germany’s KfW Development Bank and Italy’s Cassa Depositi e Prestiti for the construction of a 1200 megawatts Pumped Storage Hydropower project in Vietnam. The EU will also provide EUR10 million in technical assistance for the project, managed by the AFD. The project aims to increase the integration of renewable energy in Vietnam’s energy grid.

On 3 June 2025, the European Commission and EIB agreed to renew their Project Development Assistance agreement under the Innovation Fund to strengthen technical and financial advisory services for innovative decarbonisation projects that were not selected by the Fund or are still in the application process.⁴¹²⁹ The renewed agreement will increase funding for EIB Advisory from EUR24 million to EUR90 million, aiming to “further accelerate the deployment of cutting-edge decarbonisation technologies across Europe.”

On 5 June 2025, the European Commission and Bulgaria signed an agreement which allows EIB Advisory to help decarbonize Maritsa East Complex, one of Europe’s largest open-pit coal mines.⁴¹³⁰ The complex generates a maximum of 35 per cent of Bulgaria’s electricity. EIB Advisory will work in collaboration with Bulgaria to ensure that projects to promote renewable energy are implemented in a timely manner.

On 16 June 2025, the EIB pledged EUR1.6 billion in investments to support the construction of the Bay of Biscay electricity interconnection.⁴¹³¹ This project between Spain and France will boost the Iberian Peninsula’s interconnection capacity with the rest of continental Europe, supporting reliable, clean and affordable electricity.

On 25 June 2025, the European Commission implemented a new State aid framework which supports the Clean Industrial Deal (CISAF).⁴¹³² The CISAF helps Member States develop clean energy and technology, in line with EU state aid rules by simplifying the rules in the following five areas: renewable energy and low-carbon fuels, temporary electricity price relief, decarbonisation, clean tech manufacturing capacity and investment de-risking in clean energy and technology. This will be in effect until 31 December 2030.

On 2 July 2025, the European Commission proposed an amendment to the EU Climate Law, setting a target of 90 per cent reductions in net greenhouse gas emissions by 2040.⁴¹³³ The proposal includes new elements of past goals, including allowing up to 3 per cent of international carbon credits to meet their emissions goal.

⁴¹²⁸ Statement: UK and EU welcome Viet Nam JETP progress, Foreign, Commonwealth & Development Office (London) 29 May 2025. Access Date: 3 July 2025. <https://www.gov.uk/government/news/statement-uk-and-eu-welcome-viet-nam-jetp-progress>

⁴¹²⁹ European Commission and EIB to further support decarbonisation projects from the Innovation Fund, European Commission (Brussels) 3 June 2025. Access Date: 4 August 2025. <https://www.eib.org/en/press/all/2025-227-european-commission-and-eib-to-further-support-decarbonisation-projects-from-the-innovation-fund>

⁴¹³⁰ Bulgaria to receive EIB support for decarbonising major site for coal-fired power production, European Commission (Brussels) 5 June 2025. Access Date: 4 August 2025. <https://www.eib.org/en/press/all/2025-230-bulgaria-to-receive-eib-support-for-decarbonising-major-site-for-coal-fired-power-production>

⁴¹³¹ EIB supports with €1.6 bn the strategic Bay of Biscay electricity interconnection between Spain and France, European Commission (Brussels) 16 June 2025. Access Date: 4 August 2025. <https://www.eib.org/en/press/all/2025-241-eib-supports-with-eur1-6-bn-the-strategic-bay-of-biscay-electricity-interconnection-between-spain-and-france>

⁴¹³² New State aid framework enables support for clean industry, European Commission (Brussels) 25 June 2025. Access Date: 4 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1598

⁴¹³³ EU’s Climate Law presents a new way to get to 2040, European Commission (Brussels) 2 July 2025. Access Date: 3 July 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1687

On 3 July 2025, the European Commission and the EIB announced that EUR3.66 billion from the Modernisation Fund has been allocated to 34 energy related projects across nine EU Member States.⁴¹³⁴ To help these Member States meet their climate and energy targets, these investments will reduce the EU's imports of fossil fuels, reduce greenhouse gas emissions and improve energy efficiency.

On 3 July 2025, the European Union announced a EUR427,905 grant for an energy upgrade in the Czech Republic's Usti region, alongside a EUR1.7 million loan from the National Development Bank of the Czech Republic which is acting as an intermediary for the EIB.⁴¹³⁵ The project plans to increase the use of renewable energy sources within the Usti region and advance a low-carbon economy.

On 4 July 2025, the European Commission allocated EUR852 million in grants from the Innovation Fund for six electric vehicle battery cell manufacturing projects.⁴¹³⁶ The selected projects will accelerate Europe's green transition and the EU's battery manufacturing industry.

On 8 July 2025, the EIB allocated EUR150 million in loans will be allocated to several Croatian companies and public entities focused on climate action and sustainability.⁴¹³⁷ A minimum of 30 per cent of this funding will be allocated toward green investments such as renewable power, sustainable construction materials and clean transportation.

On 8 July 2025, the EIB stated allocated over EUR244 million in loans for energy and healthcare upgrades in Moldova.⁴¹³⁸ EUR143.5 million will be allocated to upgrading Chisinau's district heating system, while the remaining will be used for healthcare purposes. The system upgrade is set to reduce energy consumption by 25 per cent, reducing greenhouse gas emissions and lower heating bills.

On 8 July 2025, the European Commission issued informal guidance confirming that a sustainability agreement among port terminal operators for joint purchasing and common technical specifications for battery electric container handling equipment can be compatible with EU competition rules.⁴¹³⁹ The guidance is intended to speed the shift from diesel to electric equipment in European ports, reduce carbon dioxide emissions, and provide clarity on safeguards including caps on pooled demand, voluntary participation, and strict limits on sensitive information exchange.

On 10 July 2025, the EIB Group and the European Commission committed almost EUR600 million to support Ukraine, including EUR120 million to restore major hydropower plants, EUR100 million for municipal district heating via Ukrainian banks, EUR134 million to repair roads, bridges and border crossings and new loans and EU guarantee to expand credit for small and medium sized enterprises.⁴¹⁴⁰ 10 EU Member States also joined

⁴¹³⁴ Joint press release: Investment of €3.66 billion from EU emissions trading revenues in cleaner energy system, European Commission (Brussels) 3 July 2025. Access Date: 4 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1714

⁴¹³⁵ Energy upgrade of public lighting in Usti nad Labem receives European support worth €2 million, European Union (Brussels) 3 July 2025. Access Date: 4 August 2025. https://cinea.ec.europa.eu/news-events/news/energy-upgrade-public-lighting-usti-nad-labem-receives-european-support-worth-eu2-million-2025-07-03_en

⁴¹³⁶ EU invests €852 million in six innovative electric vehicle battery projects, European Commission (Brussels) 4 July 2025. Access Date: 4 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1727

⁴¹³⁷ Croatian companies to get green-financing boost with €150 million EIB loan to development bank HBOR, European Investment Bank (Luxembourg) 8 July 2025. Access Date: 4 August 2025. <https://www.eib.org/en/press/all/2025-277-croatian-companies-to-get-green-financing-boost-with-eur150-million-eib-loan-to-development-bank-hbor>

⁴¹³⁸ Moldova receives over €244 million in EIB Global financing for energy and hospital upgrades, European Investment Bank (Luxembourg) 8 July 2025. Access Date: 4 August 2025. <https://www.eib.org/en/press/all/2025-278-moldova-receives-over-eur244-million-in-eib-global-financing-for-energy-and-hospital-upgrades>

⁴¹³⁹ Commission provides guidance on sustainability agreement to reduce CO2 emissions in European ports, European Commission (Brussels) 9 July 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1769

⁴¹⁴⁰ EU expands support for Ukraine with new financing of almost €600 million for energy, transport and business resilience, European Investment Bank (Luxembourg) 10 July 2025. Access Date: 30 August 2025. <https://www.eib.org/en/press/all/2025-282-eu-expands-support-for-ukraine-with-new-financing-of-almost-eur600-million-for-energy-transport-and-business-resilience>

the InvestEU Ukraine Export Credit Pilot to back exports to Ukraine, and the Ukraine FIRST project preparation programme was launched to speed well prepared investments.

On 11 July 2025, the EIB and the Institut Català de Finances signed a EUR100 million loan to expand finance for small and medium sized enterprises investing in sustainability and climate change adaptation and mitigation in Catalonia.⁴¹⁴¹ This is the first tranche of an approved EUR200 million facility and will support projects in renewable energy, energy efficiency, electric vehicles, the circular economy and efficient and sustainable waste management.

On 22 July 2025, the European Union and Japan affirmed a joint commitment to accelerate a global and just green transition, contribute to a successful COP30, and deepen cooperation on energy on multiple pathways toward net zero.⁴¹⁴² They agreed to strengthen and diversify critical minerals supply chains, promote and protect critical and emerging technologies, and launched the EU-Japan Competitiveness Alliance to enhance joint competitiveness. The statement also recognises the triple planetary crisis of climate change, biodiversity loss and pollution and reaffirms cooperation under the EU-Japan Green Alliance.

On 22 July 2025, the European Climate, Infrastructure and Environment Executive Agency confirmed six additional Innovation Fund projects from the 2023 general call reserve list, awarding nearly EUR319 million in grants financed by the EU Emissions Trading System.⁴¹⁴³ The projects in hydrogen, hydro and ocean energy, energy storage, and refineries and chemicals aim to avoid 24.1 million tonnes of carbon dioxide equivalent in their first ten years and include the first Innovation Fund project in Luxembourg. This commitment advances the Net Zero Industry Act and the Clean Industrial Deal and supports Europe's transition to climate neutrality.

On 23 July 2025, the European Union and China issued a joint press statement on climate at the EU-China Summit in Beijing, committing to uphold the United Nations Framework Convention on Climate Change and the Paris Agreement, submit 2035 nationally determined contributions before COP30 that cover all sectors and gases, accelerate global renewable energy deployment and access to green technologies, strengthen adaptation support, and deepen bilateral cooperation on energy transition, methane emissions management, carbon markets and green and low carbon technologies.⁴¹⁴⁴

On 24 July 2025, the EIB and Eni signed a EUR500 million 15-year finance agreement to convert the Livorno refinery in Tuscany into a biorefinery that will include a biogenic pre-treatment unit and a 500,000 tonne per year Ecofining plant to produce hydrotreated vegetable oil (HVO) diesel, HVO naphtha, and bio-liquid petroleum gas, with future flexibility to produce sustainable aviation fuel.⁴¹⁴⁵ The project supports decarbonisation of the transport sector and Italy's targets for pure biofuels.

On 28 July 2025, the European Commission approved a EUR36 million Danish State aid scheme to boost the use of sustainable aviation fuel on domestic flights, marking the first sustainable aviation fuel (SAF) scheme

⁴¹⁴¹ Spain: EIB and ICF sign €100 million loan to back small businesses' investments in sustainability and climate change adaptation and mitigation, European Investment Bank (Luxembourg) 11 July 2025. Access Date: 30 August 2025. <https://www.eib.org/en/press/all/2025-283-eib-and-icf-sign-eur100-million-loan-to-back-small-businesses-investments-in-sustainability-and-climate-change-adaptation-and-mitigation>

⁴¹⁴² EU–Japan Summit 2025: Joint Statement, European Commission (Brussels) 22 July 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/statement_25_1890

⁴¹⁴³ Innovation Fund: six additional projects supporting the decarbonisation of European industry, European Climate, Infrastructure and Environment Executive Agency (Brussels) 22 July 2025. Access Date: 30 August 2025. https://cinea.ec.europa.eu/news-events/news/innovation-fund-six-additional-projects-supporting-decarbonisation-european-industry-2025-07-22_en

⁴¹⁴⁴ Joint EU China press statement on climate, European Commission (Brussels) 24 July 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/statement_25_1902

⁴¹⁴⁵ Italy: EIB and Eni sign €500 million finance agreement to convert Livorno refinery into a biorefinery, European Investment Bank (Luxembourg) 24 July 2025. Access Date: 30 August 2025. <https://www.eib.org/en/press/all/2025-296-eib-and-eni-sign-eur500-million-finance-agreement-to-convert-livorno-refinery-into-a-biorefinery>

cleared under EU State aid rules.⁴¹⁴⁶ The measure which will run until 31 December 2027 provides monthly direct grants set by competitive bidding to cover the price gap with kerosene and related airport infrastructure costs. It aims to support at least one domestic route using 40 per cent SAF and at least twenty weekly one-way operations and includes safeguards to prevent overcompensation.

On 28 July 2025, the EIB approved up to EUR264 million for Snam to integrate biomethane into Italy's gas network, with a first tranche of EUR140 million allocated that day. The project will build 240 kilometres of dedicated pipelines to connect biomethane plants to the national transmission system, enabling transport of up to 12,000 gigawatt hours per year, equal to about 1.13 billion cubic metres.⁴¹⁴⁷ The financing aligns with the EU taxonomy and supports the National Recovery and Resilience Plan and REPowerEU by cutting reliance on imported fossil gas and advancing the clean energy transition.

On 29 July 2025, the European Commission endorsed a positive preliminary assessment of Czechia's fourth payment request for EUR1.83 billion under the Recovery and Resilience Facility, moving forward with disbursements that support reforms and investments in the country's Recovery and Resilience Plan and advance the EU's green and digital transition.⁴¹⁴⁸

On 1 August 2025, the EIB, the European Bank for Reconstruction and Development and SEB committed almost EUR85 million to Sunly to build four solar parks in Latvia with 329 megawatts of capacity, enough to power up to 180,000 households.⁴¹⁴⁹ The package includes EUR35.2 million from the EIB, EUR35.2 million from the EBRD, and EUR14.4 million from SEB, with projects due by early 2027 in Valmiera, Krāslava, Madona, and Saldus municipalities. The investment accelerates Latvia's clean power deployment, strengthens energy security and supports decarbonisation.

On 6 August 2025, the Directorate-General for Energy of the European Union launched an open public consultation on the 2026 Strategic Roadmap for digitalisation and artificial intelligence, stressing that green and digital transitions should complement each other.⁴¹⁵⁰ There is also an emphasis on preparing the EU's energy system for the impacts of increasingly heavy energy consumption of data centres.

On 7 August 2025, the European Commission disbursed EUR42.8 billion to five Member States under the Recovery and Resilience Facility, with Spain receiving EUR23.1 billion as its fifth payment and additional disbursements to Italy, Portugal, Cyprus and Malta to support reforms and green and digital investments.⁴¹⁵¹

On 21 August 2025, the European Union confirmed it will continue its investment in Türkiye's transition to green energy, with the aim of achieving net zero emissions by 2023.⁴¹⁵² These investments will be made in the form of Instrument for Pre-Accession Assistance funds, supporting Türkiye to expand its electric charging networks, establish green public transport and increase renewable energy.

⁴¹⁴⁶ Commission approves €36 million Danish State aid scheme to boost use of sustainable aviation fuel, European Commission (Brussels) 29 July 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1928

⁴¹⁴⁷ Italy: EIB and Snam sign €264 million agreement to integrate biomethane into Italy's gas network, European Investment Bank (Luxembourg) 28 July 2025. Access Date: 30 August 2025. <https://www.eib.org/en/press/all/2025-303-eib-snam-eur264-million-agreement-to-integrate-biomethane-into-italy-s-gas-network>

⁴¹⁴⁸ Commission greenlights Czechia's fourth payment request for €1.83 billion under NextGenerationEU, European Commission (Brussels) 29 July 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1932

⁴¹⁴⁹ Latvia to get solar power boost as energy company Sunly receives almost €85 million international financing, European Investment Bank (Brussels) 1 August 2025. Access Date: 30 August 2025. <https://www.eib.org/en/press/all/2025-308-latvia-to-get-solar-power-boost-as-energy-company-sunly-receives-almost-eur85-million-international-financing>

⁴¹⁵⁰ Strategic Roadmap for digitalisation and AI in the energy sector – consultations opened, Directorate-General for Energy (Brussels) 6 August 2025. Access Date: 11 August 2025. https://energy.ec.europa.eu/news/strategic-roadmap-digitalisation-and-ai-energy-sector-consultations-opened-2025-08-06_en

⁴¹⁵¹ Commission disburses nearly €43 billion to five Member States under NextGenerationEU, European Commission (Brussels) 7 August 2025. Access Date: 30 August 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1949

⁴¹⁵² EU to continue investments in Türkiye for green transition, Anadolu Ajansı (Istanbul) 21 August 2025. Access Date: 5 October 2025. <https://www.aa.com.tr/en/environment/eu-to-continue-investments-in-turkiye-for-green-transition/3665785>

On 5 September 2025, the EIB and EDF signed a EUR500 million financing contract to support the modernization and resilience of the public electricity grid managed by Enedis in France.⁴¹⁵³ The funding will allow Enedis to strengthen the network against climate change impacts and connect decentralised renewable energy sources. The financing will partially fund the connection of seven gigaawatts of renewable generation capacity and the burying or replacement of 2,500 kilometres of power lines to enhance grid resilience.

On 8 September 2025, the EIB committed EUR17.5 million to Joltie, a Greek electric vehicle charging operator to expand its public charging network in Greece and Cyprus.⁴¹⁵⁴ The fund will support the installation of around 2,200 new charging points by 2029. The project accelerates the deployment of sustainable mobility infrastructure, contributes to EU climate goals and reduces greenhouse gas emissions and strengthens economic cohesion in Southeast Europe.

On 11 September 2025, the EIB Group committed EUR17.5 billion to support energy efficiency improvements by more than 350,000 small and medium-sized enterprises across Europe over the next three years.⁴¹⁵⁵ The programme also teams up with the Solar Impulse Foundation to promote energy efficiency as a service, enabling SMEs to adopt energy-saving technologies without upfront costs. The initiative aims to reduce energy bills, strengthen business competitiveness and accelerate Europe's green transition.

On 16 September 2025, the European Commission announced over EUR318 million in funding under Horizon Europe to support new energy research projects across the EU.⁴¹⁵⁶ This program aims to accelerate the twin green and digital transitions, enhance energy security and increase the competitiveness of European economies while advancing climate neutrality by 2050.

On 22 September 2025, the European Commission awarded EUR76.3 million in funding to three cross-border renewable energy projects under the CEF Energy programme.⁴¹⁵⁷ The package includes over EUR18.7 million for the Unified Network for Innovative Transition in Energy Decarbonisation of Heating connecting Zgorzelec (Poland) and Görlitz (Germany), EUR32.5 million for the ULP-RES Wind Park spanning Estonia and Latvia and EUR25 million for pre-construction studies of the Saare-Liivi Offshore Wind Park in Estonia. The projects will enhance cross-border cooperation, expand renewable energy deployment and support the EU's energy and climate goals.

On 23 September 2025, the EIB provided EUR25 million to Tecnocap to finance sustainable investments aimed at improving energy efficiency and developing renewable energy self-generation at industrial plants primarily in Italy and also in Czech Republic.⁴¹⁵⁸ The funding will support projects primarily at Tecnocap's

⁴¹⁵³ France: EDF and the EIB announce the signature of €500 million financing contract to support the modernisation and the resilience of Enedis-managed public electricity grid, European Investment Bank (Brussels) 5 September 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-323-edf-and-the-eib-announce-the-signature-of-eur500-million-financing-contract-to-support-the-modernisation-and-the-resilience-of-enedis-managed-public-electricity-grid>

⁴¹⁵⁴ EIB invests €17.5 million under InvestEU to expand electric vehicle charging network in Greece and Cyprus, European Investment Bank (Luxembourg) 8 September 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-325-eib-invests-eur17-5-million-under-investeu-to-expand-electric-vehicle-charging-network-in-greece-and-cyprus>

⁴¹⁵⁵ More than 350,000 European companies to get energy efficiency support under major EU financing initiative, European Investment Bank (Luxembourg) 11 September 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-331-more-than-350000-european-companies-to-get-energy-efficiency-support-under-major-eu-financing-initiative>

⁴¹⁵⁶ Horizon Europe Energy: over €300 million available to fund new energy research projects, European Climate, Infrastructure and Environment Executive Agency (Brussels) 16 September 2025. Access Date: 22 October 2025. https://cinea.ec.europa.eu/news-events/news/horizon-europe-energy-over-eu300-million-available-fund-new-energy-research-projects-2025-09-16_en

⁴¹⁵⁷ CEF Energy: €76.3 million to support works and studies for cross-border renewable energy projects, European Climate, Infrastructure and Environment Executive Agency (Brussels) 23 September 2025. Access Date: 22 October 2025. https://cinea.ec.europa.eu/news-events/news/cef-energy-eu763-million-support-works-and-studies-cross-border-renewable-energy-projects-2025-09-23_en

⁴¹⁵⁸ Italy: EIB provides €25 million to finance Tecnocap's sustainable investments, European Investment Bank (Luxembourg) 23 September 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-341-eib-provides-eur25-million-to-finance-tecnocap-s-sustainable-investments>

plants in Italy, including the installation of state-of-the-art photovoltaic systems, while enhancing competitiveness and accelerating the company's transition toward a low-carbon production model.

On 24 September 2025, La Banque Postale and the European Investment Bank committed an initial EUR100 million to finance energy-efficient renovations of social housing and public buildings in France, as part of a broader EUR300 million package.⁴¹⁵⁹ The financing supports social landlords, local public enterprises, associations and healthcare stakeholders to renovate nearly 1.8 million energy-inefficient social housing units and public buildings to meet France's climate and resilience law and RE2020 environmental standards.

On 26 September 2025, European Commission President Ursula von der Leyen announced a EUR545 million Team Europe package to accelerate Africa's clean energy transition.⁴¹⁶⁰ The package, part of the 'Scaling Up Renewables in Africa' campaign with South African President Cyril Ramaphosa, funds projects across Côte d'Ivoire, Cameroon, Republic of Congo, Lesotho, Ghana, Central Africa, Madagascar, Mozambique and Somalia. Investments support transmission lines, rural electrification, renewable generation and technical assistance, strengthening Africa's energy security, creating green jobs and advancing the continent's clean energy transition.

On 1 October 2025, the EIB signed EUR25.9 million in green financing with Iberdrola to develop the 22.5 MW Gatza wind farm in central Greece.⁴¹⁶¹ The package contains a EUR10 million loan from EIB and EUR15.9 million from the European Union's Recovery and Resilience Fund. Once operational, Iberdrola will reach a total installed capacity of 443.5 megawatts in Greece, establishing itself as one of Greece's largest wind energy farms.

On 1 October 2025, the EIB and Intesa Sanpaolo loaned EUR750 million to support the development of renewable energy in Italy.⁴¹⁶² The fund includes a EUR500 million framework loan to support photovoltaic, wind and bioenergy projects with an expected annual production of around 1,200 gigawatt hours. The package also includes a EUR250 million counter-guarantee as part of the EIB Wind Package to generate new investments in the European wind industry. The agreements are expected to mobilise more than EUR4.5 billion of investment in the economy, create thousands of jobs during construction and strengthen Italy's energy security.

On 7 October 2025, the EIB loaned EUR200 million to Dolomiti Energia Group to support renewable energy production and strengthen power grids in Italy.⁴¹⁶³ The package allocates 55 per cent of funding to new onshore wind farms in Campania and Puglia and 45 per cent to the establishment and renewal of the electricity network in Trentino. The wind farms will have a total installed capacity of 121 megawatts, enough to meet the annual energy needs of over 100,000 households.

⁴¹⁵⁹ France: La Banque Postale and EIB join forces to accelerate energy renovation of social housing and public buildings, European Investment Bank (Luxembourg) 24 September 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-344-la-banque-postale-et-la-bei-s-associent-pour-accelerer-la-renovation-energetique-du-logement-social-et-des-batiments-publics-en-france>

⁴¹⁶⁰ European Commission announces €545 million package to scale up renewables in Africa, European Commission (New York) 26 September 2025. Access Date: 22 October 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_2193

⁴¹⁶¹ Greece: EIB signs with Iberdrola a €25.9 million green financing to develop wind energy, European Investment Bank (Luxembourg) 1 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-356-eib-signs-with-iberdrola-a-eur25-9-million-green-financing-to-develop-wind-energy-in-greece>

⁴¹⁶² Italy: EIB and Intesa Sanpaolo lend €750 million to support the development of renewable energy and the related supply chain, European Investment Bank (Luxembourg) 1 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-357-eib-and-intesa-sanpaolo-lend-eur750-million-to-support-the-development-of-renewable-energy-and-the-related-supply-chain>

⁴¹⁶³ Italy: EIB lends €200 million to Dolomiti Energia Group to support renewable energy production and strengthen power grids, European Investment Bank (Luxembourg) 7 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-365-eib-lends-eur200-million-to-dolomiti-energia-group-to-support-renewable-energy-production-and-strengthen-power-grids>

On 7 October 2025, the EIB committed USD250 million to Costa Rica to build the country's first electric train system.⁴¹⁶⁴ The project is co-financed with the Central American Bank for Economic Integration and the Green Climate Fund and will be implemented by Costa Rica's national railway authority. The investment improves public transport access, supports sustainable mobility, reduces 18,000 tonnes of carbon emissions annually and strengthens Costa Rica's climate commitments.

On 8 October 2025, the EIB secured a EUR40 million loan to advance the Navigator Company's decarbonisation efforts and support its pioneering moulded fibre packaging facility in Aveiro.⁴¹⁶⁵ The funding will introduce low-carbon production methods and create biobased alternatives to fossil-based plastics, while boosting energy efficiency and cutting greenhouse gas emissions across Navigator's pulp, paper and packaging operations in Portugal. The loan is supported by the InvestEU programme and reflects the EIB's strategic goals for climate action, the bioeconomy and the REPowerEU initiative to reduce reliance on fossil fuel imports.

On 8 October 2025, European Commission President Ursula von der Leyen announced a EUR618 million Team Europe package to accelerate Africa's clean energy transition at the Global Gateway Forum in Brussels.⁴¹⁶⁶ The package includes EUR55 million for Kenya, EUR60 million for Uganda, EUR90.14 million for the Democratic Republic of Congo, EUR125 million for Mauritania, EUR20 million for Nigeria, EUR39 million for Cabo Verde, EUR30 million for the Zambia-Tanzania interconnector and EUR199 million for Togo. The investments will expand renewable energy access, modernize power grids, create jobs and strengthen climate resilience across the continent.

On 9 October 2025, the European Commission and Team Europe committed EUR430 million to Vietnam to advance the Bac Ai Pumped Hydro Storage Project, a key investment under Vietnam's Just Energy Transition Partnership.⁴¹⁶⁷ The package brings together the European Union, EIB, French Development Agency, Proparco, Germany's KfW and Italy's CDP to enhance grid stability, integrate renewable energy at scale and support Vietnam's decarbonization goals.

On 15 October 2025, EIB Global signed a Memorandum of Understanding with the government of Mongolia to advance the country's green transition and diversify its energy mix.⁴¹⁶⁸ Up to EUR1 billion in investments will be dedicated towards supporting modern power networks, sustainable transport and other projects which will benefit the country's green transition. This investment will support new investments in clean, affordable and reliable energy for Mongolians and their businesses.

On 16 October 2025, the European Commission and the High Representative presented the new EU global climate and energy vision, reaffirming the EU's commitment to fulfil the goals of the Paris Agreement while implementing the Clean Industrial Deal.⁴¹⁶⁹ The vision describes a series of strategic actions for global energy

⁴¹⁶⁴ EIB Global backs Costa Rica's first electric train with landmark \$250 million loan, European Investment Bank (Luxembourg) 7 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-367-eib-global-backs-costa-rica-s-first-electric-train-with-landmark-usd250-million-loan>

⁴¹⁶⁵ Portugal: EIB and Navigator sign a €40 million loan to support company investments towards carbon neutrality, European Investment Bank (Luxembourg) 8 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-372-eib-and-navigator-sign-a-eur40-million-loan-to-support-company-investments-towards-carbon-neutrality>

⁴¹⁶⁶ President von der Leyen announces €618 million package to scale up renewables in Africa at Global Gateway Forum, European Commission (Brussels) 8 October 2025. Access Date: 22 October 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_2335

⁴¹⁶⁷ EU reinforces support for Vietnam's Just Energy Transition with €430 million package, European Investment Bank (Brussels) 9 October 2025. Access Date: 22 October 2025. <https://www.eib.org/en/press/all/2025-377-eu-reinforces-support-for-vietnam-s-just-energy-transition-with-eur430-million-package>

⁴¹⁶⁸ EIB Global signs memorandum of understanding with Mongolia to unlock up to €1 billion for clean energy transition, European Investment Bank (Luxembourg) 15 October 2025. Access Date: 11 November 2025. <https://www.eib.org/en/press/all/2025-387-eib-global-signs-memorandum-of-understanding-with-mongolia-to-unlock-up-to-eur1-billion-for-clean-energy-transition>

⁴¹⁶⁹ EU's new strategy to shape a global clean and resilient transition, European Commission (Brussels) 16 October 2025. Access Date: 17 October 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_2389

and climate engagement, including reforming global financial institutions, injecting political momentum into multilateral and bilateral initiatives and expanding clean trade global networks.

On 23 October 2025, the EIB announced EUR40 million in venture debt financing to Meva Energy AB, a cleantech company based in Sweden.⁴¹⁷⁰ This funding will support Meva Energy to deploy and upgrade its modular, climate-neutral biogas plants across Europe, support the EU's climate and energy goals and advance next-generation bioeconomy technologies.

On 2 November 2025, the European Commission announced EUR2.9 billion in funding from the Innovation Fund will be dedicated to boosting "61 cutting-edge net zero technology projects".⁴¹⁷¹ Projects chosen will cover 19 industrial sectors across 18 countries and demonstrate the EU's commitment to decarbonization through diverse technologies and applications. Key areas include "energy-intensive industries, renewable energy and energy storage, net-zero mobility and buildings, cleantech manufacturing and industrial carbon management."

On 3 November 2025, the EIB and Iberdrola signed a EUR500 million green loan dedicated towards the Windanker offshore wind farm, a clean energy project in the German Baltic Sea.⁴¹⁷² Backed by Cesce, a Spanish export credit agency, this loan contributes to the European Union's climate action and sustainability goals. This project will produce clean energy for thousands of homes, accelerate energy security and electrification and foster new jobs and economic opportunities.

On 4 November 2025, the European Climate, Infrastructure and Environment Executive Agency (CINEA) announced "a call for proposals for cross-border renewable energy projects" and has dedicated EUR150 million towards these projects.⁴¹⁷³ Through this call, the CINEA aims to support projects that enhance cross-border renewable energy generation and improve the integration of renewables into the EU energy system.

The European Union has fully complied with its commitment to recognize the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5°C pathways. The EU has taken strong action to reduce greenhouse gas emissions in the energy, buildings, industry, agriculture and transport sectors through funding for renewable energy projects in Indonesia, Finland and Estonia, industrial decarbonization projects in Germany, Spain and the Netherlands, the net zero transition in the transportation sector including vehicles and vessels and renewable energy for the building sector in Latvia and Lithuania. The EU has also invested in biomethane plants to reduce methane emissions.

Thus, the European Union receives a score of +1.

Analyst: Isebel Sousa

⁴¹⁷⁰ EIB backs Swedis cleantech pioneer Meva Energy with €40 million for biogas innovation, European Investment Bank (Luxembourg) 23 October 2025. Access Date: 11 November 2025. <https://www.eib.org/en/press/all/2025-410-eib-backs-swedish-cleantech-pioneer-meva-energy-with-eur40-million-for-biogas-innovation>

⁴¹⁷¹ Commission invests €2.9 billion from the Innovation Fund to boost net-zero technology projects, European Commission (Brussels) 2 November 2025. Access Date: 11 November 2025. https://ec.europa.eu/commission/presscorner/detail/en/ip_25_2564

⁴¹⁷² EIB and Iberdrola sign a €500 million green loan for the Windanker offshore wind farm in German Baltic Sea, European Investment Bank (Luxembourg) 3 November 2025. Access Date: 11 November 2025. <https://www.eib.org/en/press/all/2025-428-eib-and-iberdrola-sign-a-eur500-million-green-loan-for-the-windanker-offshore-wind-farm-in-german-baltic-sea>

⁴¹⁷³ CEF Energy: €150 million for Works & Studies of cross-border renewable energy projects, European Climate, Infrastructure and Environment Executive Agency (Brussels) 4 November 2025. Access Date: 11 November 2025. https://cinea.ec.europa.eu/news-events/news/cef-energy-eu150-million-works-studies-cross-border-renewable-energy-projects-2025-11-04_en