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## 2024 G7 Apulia Summit Interim Compliance Report

15 June 2024 to 20 December 2024

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“We have meanwhile set up a process and there are also independent institutions monitoring which objectives of our G7 meetings we actually achieve. When it comes to these goals we have a compliance rate of about 80%, according to the University of Toronto. Germany, with its 87%, comes off pretty well. That means that next year too, under the Japanese G7 presidency, we are going to check where we stand in comparison to what we have discussed with each other now. So a lot of what we have resolved to do here together is something that we are going to have to work very hard at over the next few months. But I think that it has become apparent that we, as the G7, want to assume responsibility far beyond the prosperity in our own countries. That’s why today’s outreach meetings, that is the meetings with our guests, were also of great importance.”

Chancellor Angela Merkel, Schloss Elmau, 8 June 2015

G7 summits are a moment for people to judge whether aspirational intent is met by concrete commitments. The G7 Research Group provides a report card on the implementation of G7 and G20 commitments. It is a good moment for the public to interact with leaders and say, you took a leadership position on these issues — a year later, or three years later, what have you accomplished?

Achim Steiner, Administrator, United Nations Development Programme,  
*in G7 Canada: The 2018 Charlevoix Summit*

## Contents

Introduction.....	3
Research Team .....	4
Compliance Analysts .....	4
Summary .....	6
The Interim Compliance Score .....	6
Compliance by Member .....	6
Compliance by Commitment.....	6
The Compliance Gap between Members .....	6
Future Research and Reports.....	7
Table A: 2024 Priority Commitments Selected for Assessment* .....	8
Table B: 2024 G7 Apulia Interim Compliance Scores.....	10
Table C: 2024 G7 Apulia Interim Compliance Scores by Member .....	11
Table D: 2024 G7 Apulia Interim Compliance Scores by Commitment .....	12
1. Regional Security: Military Assistance for Ukraine .....	13
2. Regional Security: Extraordinary Revenue Acceleration Loans for Ukraine .....	28
3. Regional Security: Two-State Solution for Israel and Palestine .....	44
4. Non-Proliferation: Export Controls.....	98
5. Climate Change: Climate Adaptation .....	121
6. Energy: Clean Energy in Developing Countries .....	167
7. Energy: Decarbonizing the Power Sector .....	193
8. Environment: Forest Protection.....	223
9. Food and Agriculture: Global Food Security.....	251
10. Health: Sustainable Development Goal 3 .....	286
11. Gender: Health Services for Women .....	318
12. Labour and Employment: Gender and Other Forms of Equality .....	338
13. Digital Economy: Closing Digital Divides .....	373
14. Digital Economy: Artificial Intelligence for Work.....	396
15. Macroeconomics: Price and Financial Stability .....	423
16. Trade: Resilient Supply Chains.....	446
17. Infrastructure: Partnership for Global Infrastructure and Investment .....	469
18. Migration and Refugees: Border Management .....	497
19. Migration and Refugees: Preventing Migrant Smuggling and Trafficking .....	535
20. Cybersecurity: Countering Malicious Behaviour .....	563

## 5. Climate Change: Climate Adaptation

“We note that, despite progress, there is a need to continue to scale up action and support, including finance for climate adaptation as called for in the Glasgow Climate Pact.”

*Apulia G7 Leaders’ Communiqué*

### Assessment

	No Compliance	Partial Compliance	Full Compliance
Canada		0	
France		0	
Germany		0	
Italy		0	
Japan		0	
United Kingdom			+1
United States		0	
European Union		0	
Average		+0.13 (56%)	

### Background

The climate change crisis is one of the world’s most pertinent threats and mitigating its effects has been one of the G7’s primary focuses. The Paris Agreement, ratified in 2016, was a historic international treaty aimed at restricting planetary temperature increases to 2°C, aiming for a safer 1.5°C.<sup>621</sup> The Paris Agreement also stated that climate funding is pivotal in reducing global greenhouse gas emissions.<sup>622</sup> The Glasgow Climate Pact, signed on 13 November 2021, reaffirms the commitments made in the Paris Agreement. It encourages Parties to further reduce emissions to meet the 1.5°C goal, diminish coal consumption, protect ecosystems through conservation and restoration measures and phase out inefficient fossil fuel subsidies. The Agreement urges developed countries to elevate their climate finance capacity in response to the needs of developing countries, including through contributions to the Adaptation Fund and the Least Developed Countries Fund.<sup>623</sup> The Agreement also encourages financial mobilization from the private sector, calling upon financial institutions including multilateral development banks to fund resources necessary for proposed climate plans. As global temperature recordings continue to rise at concerning rates, the G7 and countries internationally aim to take greater actions to reduce emissions to reach their net-zero targets; greater financial allocation towards supporting developing countries can aid in the larger goal of limiting climatic ramifications.<sup>624</sup>

At the 1978 Bonn Summit, the G7 outlined the need to review their national energy programmes, which included increasing energy research and development.<sup>625</sup> This included a goal of intensifying national development assistance programmes to help developing countries.

<sup>621</sup> The Paris Agreement, United Nations (New York) n.d. Access Date: 1 September 2024. <https://www.un.org/en/climatechange/paris-agreement>

<sup>622</sup> Paris Agreement, United Nations (New York) 2015. Access Date: 1 September 2024. [https://unfccc.int/sites/default/files/english\\_paris\\_agreement.pdf](https://unfccc.int/sites/default/files/english_paris_agreement.pdf)

<sup>623</sup> Decision -/CP.26 Glasgow Climate Pact, United Nations (New York) 13 November 2021. Access Date: 1 September 2024. [https://unfccc.int/sites/default/files/resource/cop26\\_auv\\_2f\\_cover\\_decision.pdf](https://unfccc.int/sites/default/files/resource/cop26_auv_2f_cover_decision.pdf)

<sup>624</sup> Nations must go further than current Paris pledges or face global warming of 2.5-2.9°C, United Nations (New York) 20 November 2023. Access Date: 1 September 2024. <https://www.unep.org/news-and-stories/press-release/nations-must-go-further-current-paris-pledges-or-face-global-warming>

<sup>625</sup> Declaration, G7 Information Centre (Bonn) 17 July 1978. Access Date: 1 September 2024. <https://g7.utoronto.ca/summit/1978bonn/communique.html>

At the 1979 Tokyo Summit, the G7 first acknowledged the significance of renewable energy in the pursuit of developing alternative energy sources, restating its importance in equalizing the world economy and preventing further pollution.<sup>626</sup>

At the 1984 London Summit, G7 leaders recognized the importance of limiting pollution and identified projects to help develop cost-effective methods aimed at reducing environmental damage.<sup>627</sup>

At the 1987 Venice Summit, the G7 stated actions must be taken to face climate change and other large-scale environmental issues such as deforestation, air and marine pollution and ozone depletion.<sup>628</sup> Clean and low-resource technologies and the widespread international adoption of sustainable goods were listed as methods to tackle these problems.

At the 1989 Paris Summit, the G7 noted their intent to help developing countries repair past damages and provide economic incentives and technological support to encourage a shift towards environmentally friendly efforts.<sup>629</sup> Statements were also made in favor of environmental considerations in economic planning and active conservation and protection endeavors to protect tropical forests and marine ecosystems.

At the 1990 Houston Summit, the G7 highlighted climate change as a matter of crucial relevance; actions to help mitigate its effects include expedited scientific and economic research on climate change, reforestation and sustainable forest management, reducing marine pollution and prioritized development of alternative energy sources.<sup>630</sup> The G7 noted that financial and technological resources are imperative and encouraged multilateral development banks to incorporate environmental considerations into their programmes.

At the 1995 Halifax Summit, the G7 restated the importance of environmental safeguarding and the need for environmental cognizance in all policy and decision-making discourse.<sup>631</sup> The G7 asserted that efforts must be concentrated on minimizing pollution through more thorough environmental costs and a polluter pays principle.

At the 1996 Moscow Nuclear Safety and Security Summit, the G7 with Russia agreed to interdict radioactive waste disposal in the ocean and its related proper post-use management to prevent any environmental harm.<sup>632</sup>

At the 1997 Denver Summit, the G8 committed to greater environmental protections in the face of climate change.<sup>633</sup> These promises include implementing national sustainable forest management programmes, creating protected forested areas, eliminating illegal deforestation, combating desertification, sustainable fishing and preventing oil spills and marine pollution.

At the 2001 Genoa Summit, the G8 delineated environmental protection as a facet of sustainable development, explaining the need to reduce greenhouse gas emissions with an emphasis on developing renewable energy

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<sup>626</sup> Declaration, G7 Information Centre (Tokyo) 29 June 1979. Access Date: 2 September 2024.

<https://g7.utoronto.ca/summit/1979tokyo/communique.html>

<sup>627</sup> London G7 Summit Communiqué, G7 Information Centre (London) 9 June 1984. Access Date: 15 September 2024. <https://g7.utoronto.ca/summit/1984london/communique.html>

<sup>628</sup> Venezia Economic Declaration, G7 Information Centre (Venice) 10 June 1987. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1987venice/communique/index.html>

<sup>629</sup> Economic Declaration, G7 Information Centre (Paris) 16 July 1989. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1989paris/communique/index.html>

<sup>630</sup> Houston Economic Declaration, G7 Information Centre (Houston) 11 July 1990. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1990houston/declaration.html>

<sup>631</sup> Halifax Summit Communiqué, G7 Information Centre (Halifax) 16 June 1995. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1995halifax/communique/index.html>

<sup>632</sup> Nuclear Safety and Security Summit Declaration, G7 Information Centre (Moscow) 20 April 1996. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1996moscow/declaration.html>

<sup>633</sup> Communiqué, G7 Information Centre (Denver) 22 June 1997. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/1997denver/g8final.htm>

sources to lower industrial impact upon the earth.<sup>634</sup> The G8 also encouraged multilateral development banks and national development assistance agencies to develop finance procedures to boost green energy.

On 25-27 April 2003, the G8 Environment Ministers meeting in Evian identified the need for greener technologies to decouple economic growth and ecological deterioration. A call for improved environmental governance and financing was also mentioned.<sup>635</sup>

At the 2003 Evian Summit, the G8 recognized the importance of protecting the marine environment, calling for greater regulation of illegal fishing, measures to protect and maintain biodiversity, sustainable development and compilation of information and management concerning environmental evaluations and impact assessments.<sup>636</sup> This will help determine any intrusive effects from national projects on coastal and marine environments and ecosystemic equilibrium. Satellite imaging and other modern technologies were referenced to combat threats to forests, illegal logging and deforestation and facilitate sustainable forest management.<sup>637</sup>

At the 2005 Gleneagles Summit, the G8 expressed their intent to respond to climate change through cleaner technologies and promoting innovations towards improved energy efficiency.<sup>638</sup> The Gleneagles Plan of Action included a comprehensive list in transforming energy consumption and transitioning towards cleaner energy; the creation of financing frameworks for clean energy with the World Bank were discussed. The G8 stated their goal to collaborate with developing countries to improve resilience in climate adaptation strategies. Another subsection reaffirms their commitment to international cooperation in monitoring planetary observations, as well as collaboration between timber-producing and timber-consuming nations in tackling deforestation and other ramifications of logging.

At the 2007 Heiligendamm Summit, the G8 suggested the use of long-term strategies to address the climate change crisis, welcoming the creation of regional, national and international policies and plans.<sup>639</sup> The G8 reacknowledged the importance of taking action to adapt in accordance with climate impacts, emphasizing their enthusiasm to support developing countries. Their listed actions include developing technology roadmaps, energy diversification and motivating global development as efforts to combat climate change and to continue engaging with developing countries to halt forest cover loss. The recovery of the ozone layer by phasing out hydrochlorofluorocarbons and other ozone-depleting substances, alongside increasing energy efficiency through multiple initiatives will reduce emissions. One such strategy includes sustainable building techniques with low or zero-energy emissions, as well as the abatement of greenhouse gases in the long-term.

At the 2008 Hokkaido-Toyako Summit, the G8 declared a determination to reaching atmospheric greenhouse gas concentration stabilization, with a goal to half global emissions by 2050 through the deployment and evolution of low-carbon alternative technologies for long-term use to attain sustainable economic development.<sup>640</sup> The G8 has noted their cooperation with developing countries in climate adaptation and are committed to increasing investment in clean energy research and development, having pledged USD10 billion annually over the next few years and supplying incentives for public-private partnerships and private sector

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<sup>634</sup> Communiqué, G7 Information Centre (Genoa) 22 July 2001. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2001genoa/finalcommunique.html>

<sup>635</sup> G8 Environment Minister's Meeting, Paris, April 2003, Communiqué, G7 Information Centre (Paris) 27 April 2003. Access Date: 2 September 2024. <https://g7.utoronto.ca/environment/2003paris/env030427eng.pdf>

<sup>636</sup> Marine Environment and Tanker Safety: A G8 Action Plan, G7 Information Centre (Evian) 3 June 2003. Access Date: 2 September 2024. [https://g7.utoronto.ca/summit/2003evian/marine\\_en.html](https://g7.utoronto.ca/summit/2003evian/marine_en.html)

<sup>637</sup> Science and Technology for Sustainable Development: A G8 Action Plan, G7 Information Centre (Evian) 2 June 2003. Access Date: 2 September 2024. [https://g7.utoronto.ca/summit/2003evian/sustainable\\_development\\_en.html](https://g7.utoronto.ca/summit/2003evian/sustainable_development_en.html)

<sup>638</sup> The Gleneagles Communiqué, G7 Information Centre (Gleneagles) 8 July 2005. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2005gleneagles/communique.pdf>

<sup>639</sup> Growth and Responsibility in the World Economy, G7 Information Centre (Heiligendamm) 7 June 2007. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2007heiligendamm/g8-2007-economy.pdf>

<sup>640</sup> G8 Hokkaido Toyako Summit Leader's Declaration, G7 Information Centre (Hokkaido-Toyako) 8 July 2008. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2008hokkaido/2008-declaration.html>

technology commercialization. Commitments to combating illegal logging and poaching and conserving biodiversity were reasserted as well.

At the 2009 L'Aquila Summit, the G8 affirmed that the international community should rally to participate in financially tackling the climate crisis by promoting public-private partnerships in investment and equitably dispersing funds between developed and developing countries with the assistance of multilateral development banks and other international institutions.<sup>641</sup> The G8 also pledged to increase consideration of ecosystem adaptation, strengthen informational networks to reinforce research building and continue to support deforestation prevention efforts, with positive incentives for developing countries that work to reduce emissions. The need for climate financing was addressed, through bilateral and multilateral approaches, calling for an appropriate arrangement to facilitate adaptation and mitigation.

At the 2010 Muskoka Summit, the G8 noted their support for a goal of developed countries meeting an 80 per cent aggregate reduction in emissions.<sup>642</sup> The G8 reiterated their support for the Copenhagen Accord, contributing financial aid to address urgent needs in vulnerable nations, as well as discussed adaptational innovation and infrastructure. They are committed to building a low-carbon, green and climate-resilient economy and calling on the International Energy Agency to create an International Platform to better disseminate low-carbon technologies in reducing global emissions.

At the 2011 Deauville Summit, the G8 committed to heightening their response to decelerating biodiversity loss, recognizing their critical role in maintaining ecological equilibrium and the global carbon cycle.<sup>643</sup>

At the 2012 Camp David Summit, G8 leaders reaffirmed their commitment to addressing climate change globally and pledged to cooperate with other international actors.<sup>644</sup> The members welcomed financing for energy infrastructure and also recognized the impacts of pollutants on various vital sectors such as health and agriculture and pledged to join the Climate and Clean Air Coalition to Reduce Short-lived Climate Pollutants.

At the 2013 Lough Erne Summit, the G8 reiterated the commitment of developed countries to collectively finance USD100 billion in climate finance per year by 2020 to bridge the gap and improve the climate finance flows to underpin mitigation actions.<sup>645</sup>

At the 2014 Brussels Summit, G7 leaders reaffirmed their support of the Copenhagen Accord in addressing developing countries' climate mitigation and adaptation needs.<sup>646</sup> They reaffirmed the need to address climate mitigation and adaptation needs and in ameliorating the reportage of global climate finance flows.

At the 2015 Elmau Summit, the G7 restated their desire to implement the Green Climate Fund by 2015 to support climate finance architecture, mobilize financial resources from the private sector to fund renewable energy in Africa and developing countries in other regions and pledged to add mitigation measures into

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<sup>641</sup> Responsible Leadership for a Sustainable Future, G7 Information Centre (L'Aquila) 8 July 2009. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2009laquila/2009-declaration.html>

<sup>642</sup> Muskoka Declaration: Recovery and New Beginnings, G7 Information Centre (Muskoka) 26 June 2010. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2010muskoka/communique.html>

<sup>643</sup> G8 Declaration: Renewed Commitment for Freedom and Democracy, G7 Information Centre (Deauville) 27 May 2011. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2011deauville/2011-declaration-en.html>

<sup>644</sup> Camp David Declaration, G7 Information Centre (Camp David). 19 May 2012. Access Date: 15 September 2024. <https://www.g7.utoronto.ca/summit/2012campdavid/g8-declaration.html>

<sup>645</sup> G8 Lough Erne Leaders Communiqué, G7 Information Centre (Lough Erne) 18 June 2013. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2013lougherne/lough-erne-communique.html>

<sup>646</sup> G7 Brussels Summit Declaration, G7 Information Centre (Brussels) 5 June 2014. Access Date: 15 September 15, 2024. <https://www.g7.utoronto.ca/summit/2014brussels/declaration.html>

development and decision-making.<sup>647</sup> The G8 also pledged to continue to mobilize finance and overcome investment barriers, to intensify support by 400 million for residents in vulnerable countries.

At the 2016 Ise-Shima Summit, the G7 reaffirmed their commitment to climate finance from the public and private sectors to support developing countries in instating their national climate plans, in relation to mitigation and adaptation.<sup>648</sup> At the Environment Ministers' Meeting, the G7 Environment Ministers also encouraged intergovernmental cooperation in managing climate-related issues, including biodiversity protection, marine management and overcoming illegal wildlife trade.<sup>649</sup>

At the 2018 Charlevoix Summit, the G7 avowed their support for investing in coastal resilience, especially in developing countries, for diminishing fish overexploitation and in launching a joint initiative to supervise coastal zones.<sup>650</sup> All G7 members except for the United States also reaffirmed their commitment to the Paris Agreement and to reaching a global carbon-neutral economy by the second half of the century.<sup>651</sup> They also reiterated their commitment to enhancing financing adaptive capacity. The six nations also endorsed the G7 Ocean Plastics Charter, an agreement to more sustainable consumption and manufacturing of plastics to prevent environmental pollution.

At the 2021 Cornwall Summit, the G7 extended their commitment to climate finance, reaffirming the collective annual USD100 billion funding goal to 2025 from the public and private sectors to help global transition to net-zero economies and with decarbonization efforts and pledged to increase this amount at the 26th Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change in Glasgow.<sup>652</sup> This includes finance towards adaptation and resilience. The G7 has stated they will use blended finance vehicles to reach their goals, such as through private capital streams towards the Green Climate Fund and reinforce net-zero commitments. The Nature Compact ahead of the 15th Conference of the Parties to the Convention on Biological Diversity (COP15) in Kunming and COP26 shows an endorsement to conserving and protecting a minimum of 30 per cent of global land and ocean by 2030 for biodiversity targets in hopes of curbing mass extinction, which the G7 hopes to also increase finance for.

At the 2022 Elmau Summit, the G7 reiterated many previous commitments, noting the pertinence of the climate change crisis, including the endeavor not to allow global warming to exceed a 1.5°C increase, net-zero emissions for international shipping by 2050, the call to double the climate adaptation finance provision for developing countries by 2025 as stated in the Glasgow Climate Pact and the elimination of inefficient fossil fuel subsidies by 2025.<sup>653</sup> Emphasis was placed on low-carbon and renewable energy and preserving biodiversity in marine and terrestrial environments remained a key concern of the G7. The creation of the Climate Club is also meant to facilitate climate action and accelerate decarbonization towards the goal of climate neutrality.<sup>654</sup>

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<sup>647</sup> Leaders' Declaration: G7 Summit, G7 Information Centre (Elmau) 8 June 2015. Access Date: 2 September 2024.

<https://g7.utoronto.ca/summit/2015elmau/2015-G7-declaration-en.html>

<sup>648</sup> G7 Ise-Shima Leaders' Declaration, G7 Information Centre (Ise-Shima) 27 May 2016. Access Date: 2 September 2024.

<https://g7.utoronto.ca/summit/2016shima/ise-shima-declaration-en.html>

<sup>649</sup> Communiqué, G7 Toyama Environment Ministers' Meeting, G7 Information Centre (Toyama) 16 May 2016. Access Date: 2 September 2024. <https://www.g7.utoronto.ca/environment/2016-environment.html>

<sup>650</sup> Charlevoix Blueprint for Healthy Oceans, Seas and Resilient Coastal Communities, G7 Information Centre (Charlevoix) 9 June 2018. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2018charlevoix/oceans-blueprint.html>

<sup>651</sup> The Charlevoix G7 Summit Communiqué, G7 Information Centre (Charlevoix) 9 June 2018. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2018charlevoix/communique.html>

<sup>652</sup> Carbis Bay G7 Summit Communiqué: Our Shared Agenda for Global Action to Build Back Better, G7 Information Centre (Cornwall) 13 June 2021. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2021cornwall/210613-communique.html>

<sup>653</sup> G7 Leaders' Communiqué, G7 Information Centre (Elmau) 28 June 2022. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2022elmau/220628-communique.html>

<sup>654</sup> G7 Statement on Climate Club, G7 Information Centre (Elmau) 28 June 2022. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2022elmau/220628-climate-club.html>

At the 2023 Hiroshima Summit, the G7 committed to accelerating financial flow efforts consistent with lower projected greenhouse gas emissions in line with keeping below the 1.5°C temperature rise, restating commitment to the G7 Ocean Deal by cleaning the oceans and to reversing biodiversity loss by 2030, working with international bodies and using incentive systems to promote action.<sup>655</sup> The G7 members also reaffirmed their commitment to the Glasgow Climate Pact, to at least double the collective supply for adaptive climate financing towards developing countries.

At the 2024 Apulia Summit, G7 leaders committed to “continue to scale up action and support, including finance for climate adaptation as called for in the Glasgow Climate Pact.”<sup>656</sup> The Glasgow Climate Pact “urges developed country Parties to at least double their collective provision of climate finance for adaptation to developing country Parties from 2019 levels by 2025.”<sup>657</sup>

### **Commitment Features**

G7 members must advance strong action towards climate adaptation finance to developing countries in order to achieve full compliance with the commitment they made at the Apulia Summit. This commitment therefore comprises two components: 1) scaling up action and support for climate adaptation and 2) financing for climate adaptation as called for in the Glasgow Climate Pact.<sup>658</sup>

### **Definitions and Concepts**

“Progress” is understood to mean “moving forward towards a goal.”<sup>659</sup>

“Continue” is understood to mean “to keep up, maintain; to keep going or add to.”<sup>660</sup> In the context of this commitment, G7 members are building upon past adaptation efforts in alignment with the provisions of the Glasgow Climate Pact.

“Glasgow Climate Pact” refers to the agreement reached at the 2021 United Nations Climate Change Conference (COP26).<sup>661</sup> The Pact consists of a range of agreed decisions including strengthened efforts to increase climate change resilience, lower greenhouse gas emissions and phase down inefficient fossil fuel subsidies and unabated coal use. The pact also places emphasis on the agreements to “significantly scale up” adaptation financing to support developing countries. This includes contributions from multilateral development banks, the private sector and other financial institutions.

“Scaling up” is understood to mean “progression or movement forward. It does not include past or previous performance. It does not include action already taken. It can include past measures if further or additional attention is applied to them.”<sup>662</sup>

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<sup>655</sup> G7 Hiroshima Leaders’ Communiqué, G7 Information Centre (Hiroshima) 20 May 2023. Access Date: 2 September 2024. <https://g7.utoronto.ca/summit/2023hiroshima/230520-communication.html>

<sup>656</sup> Apulia G7 Leaders’ Communiqué, G7 Information Centre (Toronto) 14 June 2024. Access Date: 5 September 2024. <https://www.g7.utoronto.ca/summit/2024apulia/240614-apulia-communication.html>

<sup>657</sup> Glasgow Climate Pact, United Nations Framework Convention on Climate Change (Bonn) 8 March 2022. Access Date: 31 August 2024. [https://unfccc.int/sites/default/files/resource/cma2021\\_10\\_add1\\_adv.pdf](https://unfccc.int/sites/default/files/resource/cma2021_10_add1_adv.pdf)

<sup>658</sup> Glasgow Climate Pact, United Nations Framework Convention on Climate Change (Bonn) 8 March 2022. Access Date: 31 August 2024. [https://unfccc.int/sites/default/files/resource/cma2021\\_10\\_add1\\_adv.pdf](https://unfccc.int/sites/default/files/resource/cma2021_10_add1_adv.pdf)

<sup>659</sup> Progress, Merriam Webster (Springfield) n.d. Access Date: 31 August 2024. <https://www.merriam-webster.com/dictionary/develop>

<sup>660</sup> Continue, Merriam-Webster (Springfield) n.d. Access Date: 31 August 2024. <https://www.merriam-webster.com/dictionary/continue>

<sup>661</sup> Glasgow Climate Pact, United Nations Framework Convention on Climate Change (Bonn) 8 March 2022. Access Date: 26 October 2024. [https://unfccc.int/sites/default/files/resource/cma2021\\_10\\_add1\\_adv.pdf](https://unfccc.int/sites/default/files/resource/cma2021_10_add1_adv.pdf)

<sup>662</sup> Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 12 November 2020. Access Date: 31 August 2024. [https://www.g7.utoronto.ca/compliance/Compliance\\_Coding\\_Manual\\_2020.pdf](https://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf)



“Action” is understood to mean “a thing done; the accomplishment of a thing usually over a period of time, in stages, or with the possibility of repetition.”<sup>663</sup>

“Support” refers to “the action or act of providing aid, assistance, or backing up an initiative, or entity”.<sup>664</sup> In the context of this commitment, support for climate adaptation includes actions in addition to adaptation financing, such as mitigation financing, capacity-building, technology transfer, the implementation of policies and measures designed to enhance adaptive capacity, strengthen resilience and reduce vulnerability to climate change. This includes local, regional, national and international actions.<sup>665</sup>

“Finance” is understood to mean “to raise or provide funds or capital for; to furnish with necessary funds.”<sup>666</sup> In the context of this commitment, there is an emphasis on members providing climate adaptation finance to “respond to the needs of developing countries as part of a global effort.”<sup>667</sup> All six of the ‘Adaptation Finance’ clauses in the Pact refer to developing countries.

“Climate adaptation” refers to “adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities”.<sup>668</sup> Climate adaptation is one of the two central approaches to the global climate change process along with mitigation, which “involves actions to reduce or prevent greenhouse gas emissions from human activities.”<sup>669</sup>

### **General Interpretive Guidelines**

Domestic and international actions contribute to compliance for adaptation “action and support” beyond adaptation financing for the first component of this commitment, but international action targeting developing countries for adaptation finance is required for compliance with the second part of the commitment. Actions aimed solely at mitigation fall outside the commitment scope.

On the first component, strong action or support includes legislation that advances climate adaptation, launching or contributing to projects that plant draught resistive plant varieties, practice regenerative agriculture, improve water storage and use, implement wildfire-resistant land management practices, improve infrastructure in areas vulnerable to extreme weather patterns and rising sea levels, enhancing warning systems and increasing access to disaster information, or creating or enhancing National Adaptation Plans. In order to achieve a +1 on this dimension, the G7 member must take at least four strong actions.

On the second component of adaptation financing, action includes multilateral climate finance mechanisms and funds, such as the Adaptation Fund, multilateral development banks, other financial institutions and the private sector. In order to achieve a score of +1 for this component, the G7 member must have significantly increased its adaptation financing from the year before in line with the Glasgow goal to double total adaptation financing from 2019 levels by 2025.

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<sup>663</sup> Action, Merriam-Webster (Springfield) n.d. Access Date: 31 August 2024. <https://www.merriam-webster.com/dictionary/action>

<sup>664</sup> Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 12 November 2020. Access Date: 31 August 2024. [https://www.g7.utoronto.ca/compliance/Compliance\\_Coding\\_Manual\\_2020.pdf](https://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2020.pdf)

<sup>665</sup> Glasgow Climate Pact, United Nations Framework Convention on Climate Change (Bonn) 8 March 2022. Access Date: 31 August 2024. [https://unfccc.int/sites/default/files/resource/cma2021\\_10\\_add1\\_adv.pdf](https://unfccc.int/sites/default/files/resource/cma2021_10_add1_adv.pdf)

<sup>666</sup> Finance, Merriam-Webster (Springfield) n.d. Access Date: 31 August 2024. <https://www.merriam-webster.com/dictionary/finance>

<sup>667</sup> Glasgow Climate Pact, United Nations Framework Convention on Climate Change (Bonn) 8 March 2022. Access Date: 31 August 2024. [https://unfccc.int/sites/default/files/resource/cma2021\\_10\\_add1\\_adv.pdf](https://unfccc.int/sites/default/files/resource/cma2021_10_add1_adv.pdf)

<sup>668</sup> Fact sheet: The need for adaptation, United Nations Framework Convention on Climate Change (Bonn) n.d. Access Date: 24 September 2022. [https://unfccc.int/files/press/backgrounders/application/pdf/press\\_factsh\\_adaptation.pdf](https://unfccc.int/files/press/backgrounders/application/pdf/press_factsh_adaptation.pdf)

<sup>669</sup> “What is climate change mitigation and why is it urgent?”, United Nations Development Program (New York) 29 February 2024. Access Date: 28 August 2024. <https://climatepromise.undp.org/news-and-stories/what-climate-change-adaptation-and-why-it-crucial>

Given the singling out of the climate adaptation financing goal in the commitment, the G7 member must receive a +1 in this component to qualify to receive a +1 overall. For example, if the G7 member fully takes more than four strong actions towards climate change and contributed some adaptation financing but the amount was the same that it contributed the year before, the member will receive a 0 overall.

Partial compliance, or a score of 0, will also be assigned to G7 members that take some action in both dimensions, such as maintenance of the previous year’s climate adaptation finance contribution and a few verbal reiterations of support for actions/supports. Other weak actions that would contribute to a 0 include, conference attendance, information sharing, proposing but not yet passing legislation/policies, memorandums of understanding, speeches and the like.

Non-compliance, or a score of -1, will be assigned to G7 members that provide less climate adaptation financing than they did in the previous year and/or took only weak action or support and weak climate adaptation financing by merely maintaining rather than increasing its support for the previous year.

### Scoring Guidelines

-1	The G7 member has taken weak action to scale up action or support and financing for climate adaptation as called for in the Glasgow Climate Pact.
0	The G7 member has taken weak action or three or fewer strong actions to scale up action or support and financing for climate adaptation as called for in the Glasgow Climate Pact by only maintaining its previous year’s contribution, or has taken strong action or support on climate adaptation financing but has not increased adaptation financing as called for in the Glasgow Climate Pact.
+1	The G7 member has taken four or more strong actions to scale up action or support and increased financing for climate adaptation as called for in the Glasgow Climate Pact.

*Compliance Director: Eliana Tiritilli  
Lead Analyst: Jackson Leung*

### Canada: 0

Canada has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 20 June 2024, Minister of International Development Ahmed Hussen announced CAD4.2 million in adaptation development finance for urban areas threatened by climate events to develop nature-based solutions.<sup>670</sup>

On 26 June 2024, Environment and Climate Change Canada announced the Climate Change Adaptation Horizontal Initiative to advance the implementation of the National Adaptation Strategy (NAS).<sup>671</sup> The initiative develops a new subset of programmes to advance the Government’s involvement in the NAS and increase cross-departmental coordination regarding the Strategy.

<sup>670</sup> Canada hosts 54th Annual Meeting of Board of Governors of Caribbean Development Bank and announces development funding for Caribbean region, Global Affairs Canada (Ottawa) 20 June 2024. Access Date: 28 December 2024. <https://www.canada.ca/en/global-affairs/news/2024/06/canada-hosts-54th-annual-meeting-of-board-of-governors-of-caribbean-development-bank-and-announces-development-funding-for-caribbean-region.html>

<sup>671</sup> Horizontal initiative: Climate Change Adaptation, Environment and Climate Change Canada (Gatineau) 26 June 2024. Access Date: 20 September 2024. <https://www.canada.ca/en/environment-climate-change/corporate/transparency/priorities-management/departmental-plans/2024-2025/supplementary-tables/horizontal-initiative-climate-change-adaptation.html>

On 27 June 2024, Natural Resources Canada announced funding of CAD3 million to support the management of wildfires in Prince Edward Island.<sup>672</sup> The funding is made available through the Fighting and Managing Wildfires in a Changing Climate program—Equipment Fund, which aims to strengthen Canada’s climate adaptation efforts through increased wildfire management capacities of governments and provinces.

On 9 July 2024, Environment and Climate Change Canada released the first results generated by the rapid extreme weather event attribution system to allow Canadians to prepare for predicted extreme weather events due to climate change.<sup>673</sup>

On 15 July 2024, FinDev Canada invested USD20 million in a “blue bond” to support ecosystem protection amid climate change in Costa Rica.<sup>674</sup> The blue bond also aims to aid Costa Rica’s economy in sustainable industries.

On 17 July 2024, FinDev Canada announced a USD100 million loan to support sustainable projects include for climate adaptation through FirstRand Bank.<sup>675</sup>

On 18 July 2024, Minister of Health Mark Holland unveiled two calls for proposals under the Climate Change and Health Capacity Building programme.<sup>676</sup> The programmes will help defend Canadians against extreme heat, functioning to augment climate-resilient health systems and providing educational health advisories under the HeatADAPT programme.

On 19 July 2024, Minister of Veteran Affairs and Associate Minister of National Defense Ginette Petitpas Taylor, New Brunswick Minister for Natural Resources and Energy Development Hugh J.A. Flemming, announced CAD71 million to fund New Brunswick tree-planting projects.<sup>677</sup> These initiatives aim to plant over 52 million trees from climate-resilient and native seeds to strengthen ecosystems to make them more resilient to threats posed by wildfires and flooding, in line with the goals of the National Adaptation Strategy.

On 1 August 2024, Minister of Energy and Natural Resources Jonathan Wilkinson and Minister of Forestry and Parks Todd Loewen announced CAD57 million for the Fighting and Managing Wildfires in a Changing Climate Program (FMWCC) – Equipment Fund.<sup>678</sup> The fund will help purchase specialized firefighting equipment and workforce training to increase wildfire management capacities.

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<sup>672</sup> Governments of Canada and Prince Edward Island Enhance Capacity to Prepare for and Respond to Wildfires, Natural Resources Canada (Summerside) 27 June 2024. Access Date: 20 September 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/06/governments-of-canada-and-prince-edward-island-enhance-capacity-to-prepare-for-and-respond-to-wildfires.html>

<sup>673</sup> Canada releases first results from rapid extreme weather event attribution system, Environment and Climate Change Canada (Gatineau) 9 July 2024. Access Date: 20 September 2024. <https://www.canada.ca/en/environment-climate-change/news/2024/07/canada-releases-first-results-from-rapid-extreme-weather-event-attribution-system.html>

<sup>674</sup> FinDev Canada invests in Costa Rica’s first blue bond, FinDev Canada (Montreal) 15 July 2024. Access Date: 7 January 2025. <https://www.findevcanada.ca/en/news/findev-canada-invests-costa-ricas-first-blue-bond>

<sup>675</sup> FinDev Canada announces US\$ 100M commitment to FirstRand Bank to support climate finance in Sub-Saharan Africa, FinDev Canada (Montreal) 17 July 2024. Access Date: 5 January 2025. <https://www.findevcanada.ca/en/news/findev-canada-announces-us-100m-commitment-firststrand-bank-support-climate-finance-sub-saharan>

<sup>676</sup> New contribution program will focus on adapting to climate change to protect health, Health Canada (Ottawa) 18 July 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/health-canada/news/2024/07/new-contribution-program-will-focus-on-adapting-to-climate-change-to-protect-health.html>

<sup>677</sup> Canada and New Brunswick to Plant Over 52 Million Climate-Resilient Trees, Natural Resources Canada (Moncton) 19 July 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/07/canada-and-new-brunswick-to-plant-over-52-million-climate-resilient-trees.html>

<sup>678</sup> Canada and Alberta Announce Major Investment to Purchase More Wildfire Equipment, Natural Resources Canada (Edmonton) 1 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/canada-and-alberta-announce-major-investment-to-purchase-more-wildfire-equipment.html>

On 8 August 2024, Parliamentary Secretary to the Minister of Energy and Natural Resources Marc Serré and Ontario Associate Minister of Natural Resources Nolan Quinn announced CAD61 million for the 2 billion Trees programme.<sup>679</sup> The funds aim to populate and strengthen current ecosystems to make them more resilient to threats posed by wildfires and flooding, in line with the goals of the National Adaptation Strategy.

On 13 August 2024, Minister Wilkinson and Ontario Minister of Natural Resources Graydon Smith announced CAD64 million would help facilitate actions through the FMWCC – Equipment Fund over the next four years.<sup>680</sup> The joint effort will fund specialized firefighting equipment and personnel training programmes to increase wildfire management capacities.

On 14 August 2024, Minister Wilkinson and Saskatchewan’s Minister of Corrections, Policing and Public Safety Paul Merriman proclaimed a CAD47.7 million investment for the FMWCC – Equipment Fund for Saskatchewan and the Resilient Communities through FireSmart (RCF) Program.<sup>681</sup> The budget will support wildland protection measures and firefighting equipment over the next five years to increase resilience to wildfires.

On 21 August 2024, Minister Wilkinson and Nova Scotia’s Minister of Natural Resources and Renewables Tory Rushton announced that CAD40 million would be invested to plant up to 21 million trees.<sup>682</sup> The initiative, which will run until 2031, will increase forest resilience and lower threats of wildfires in rural regions.

On 21 August 2024, Member of Parliament Brendan Hanley and Minister of Community Services Richard Mostyn disclosed that over CAD21 million would be allocated towards the FMWCC - Equipment Fund for Yukon.<sup>683</sup> The efforts will concentrate on purchasing firefighting equipment, to improve wildfire resilience.

On 22 August 2024, Minister responsible for the Atlantic Canada Opportunities Agency and Minister of Rural Economic Development Gudie Hutchings announced a CAD69.4 million investment aimed at conserving the towns of Bridgewater and the La Have River.<sup>684</sup> The project focuses on improving wastewater treatment and improving stormwater systems to protect against increased flooding and climate-related disasters.

On 22 August 2024, Member of Parliament Wilson Miao announced that four British Columbian communities would experience upgrades to their water infrastructure systems, amounting to a total of CAD7.6 million.<sup>685</sup>

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<sup>679</sup> Governments of Canada and Ontario Enhance Capacity to Plant Trees and Strengthen Ecosystems, Natural Resources Canada (Greater Sudbury) 8 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/governments-of-canada-and-ontario-enhance-capacity-to-plant-trees-and-strengthen-ecosystems.html>

<sup>680</sup> Canada and Ontario Announce Major Investment to Purchase More Wildfire Equipment, Natural Resources Canada (Ottawa) 13 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/canada-and-ontario-announce-major-investment-to-purchase-more-wildfire-equipment.html>

<sup>681</sup> Canada and Saskatchewan Announce Major Investment to Purchase More Wildfire Equipment and Increase Resilience to Wildfires, Natural Resources Canada (Saskatoon) 14 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/canada-and-saskatchewan-announce-major-investment-to-purchase-more-wildfire-equipment-and-increase-resilience-to-wildfires.html>

<sup>682</sup> Canada and Nova Scotia to Plant up to 21 Million Trees and Restore Ecosystems Affected by Wildfires, Natural Resources Canada (Nova Scotia) 21 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/canada-and-nova-scotia-to-plant-up-to-21-million-trees-and-restore-ecosystems-affected-by-wildfires.html>

<sup>683</sup> Canada and Yukon Announce Major Investment to Purchase More Wildfire Equipment, Natural Resources Canada (Whitehorse) 21 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/08/canada-and-yukon-announce-major-investment-to-purchase-more-wildfire-equipment.html>

<sup>684</sup> Protecting communities in Nova Scotia from the impacts of climate change, Housing, Infrastructure and Communities Canada (Bridgewater) 22 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/08/protecting-communities-in-nova-scotia-from-the-impacts-of-climate-change.html>

<sup>685</sup> Water infrastructure upgrades across British Columbia, Housing, Infrastructure and Communities Canada (Richmond) 22 August 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/08/water-infrastructure-upgrades-across-british-columbia.html>

Improvements to flood and stormwater management pathways and connections to surrounding waterways aim to improve water quality and protect against increased flood damage.

On 30 August 2024, Minister Hussen and Toronto Mayor Olivia Chow announced CAD223 million would be allocated to finance several flood-resilient projects in the Rockcliffe-Smythe area of Toronto.<sup>686</sup> The adaptive efforts include the modification of the Black and Lavender Creek channels, the creation of a flood-prevention wall, bridges and culvert substitutions.

On 18 September 2024, Minister Wilkinson and British Columbia's Minister of Forests Bruce Ralston declared a CAD950,112 investment into the government led RCF Program.<sup>687</sup> The programme aims to build community resilience against wildfires.

On 18 September 2024, Minister of Agriculture and Agri-Food Lawrence MacAuley announced CAD1.5 million for sixteen projects jointly financed with the government of British Columbia.<sup>688</sup> These projects intend to reduce climatic impacts through adaptive practices, including drought preparation and irrigational measures.

On 27 September 2024, Minister of Environment and Climate Steven Guilbeault, Minister of Indigenous Services Patty Hajdu and Member of Parliament representing Thunder Bay–Rainy River Marcus Powlowski declared funding of up to CAD27.6 million in facilitating 80 First Nations Guardians initiatives.<sup>689</sup> The projects being supported include actions to oversee wildfire management, climate change adaptation and mitigation and to enhance environmental information systems.<sup>690</sup>

On 1 October 2024, Minister Wilkinson announced a nearly CAD30 million investment to the FMWCC – Equipment Fund and the RCF Program for Nova Scotia.<sup>691</sup> This includes CAD25.6 million towards the FMWCC – Equipment Fund, in supporting Nova Scotian wildfire-fighting infrastructure and CAD3.9 million towards the RCF Program over five years to improve preparation and resilience towards wildfires.

On 4 October 2024, Minister MacAulay stated that up to CAD4.38 million would be given to the Eastern Canada Oilseed Development Alliance over the next five years.<sup>692</sup> The funding, through the AgriScience

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<sup>686</sup> Federal Government and City of Toronto partner to protect communities from worsening floods, Housing, Infrastructure and Communities Canada (Toronto) 30 September 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/08/federal-government-and-city-of-toronto-partner-to-protect-communities-from-worsening-floods.html>

<sup>687</sup> Canada and British Columbia Invest in Wildfire Resilience, Natural Resources Canada (Victoria) 18 September 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/09/canada-and-british-columbia-invest-in-wildfire-resilience.html>

<sup>688</sup> British Columbia farmers get help building more resilient, sustainable practices, Agriculture and Agri-Food Canada (Victoria) 18 September 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/09/british-columbia-farmers-get-help-building-more-resilient-sustainable-practices.html>

<sup>689</sup> Funding for First Nations Guardians now managed by world's first Indigenous-led national stewardship network (Thunder Bay) 27 September 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/environment-climate-change/news/2024/09/funding-for-first-nations-guardians-now-managed-by-worlds-first-indigenous-led-national-stewardship-network.html>

<sup>690</sup> Indigenous Guardians projects 2024–2025, Environment and Climate Change Canada (Thunder Bay) 27 September 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/environment-climate-change/news/2024/09/indigenous-guardians-projects-20242025.html>

<sup>691</sup> Canada and Nova Scotia Announce Major Investment in Wildfire Equipment and Enhance Wildfire Resilience, Natural Resources Canada (Halifax) 1 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/10/canada-and-nova-scotia-announce-major-investment-in-wildfire-equipment-and-enhance-wildfire-resilience.html>

<sup>692</sup> Minister MacAulay announces investment to improve the long-term sustainability of Eastern Canadian oilseeds, Agriculture and Agri-Food Canada (Charlottetown) 4 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/agriculture-agri-food/news/2024/10/minister-macaulay-announces-investment-to-improve-the-long-term-sustainability-of-eastern-canadian-oilseeds.html>

Program – Projects Component, would allow for the development of new agronomic and crop resilience technologies and systems to adapt to environmental challenges enhanced by climate change.

On 9 October 2024, Housing, Infrastructure and Communities Canada announced a CAD783,360 investment into flood mitigation measures in Cornwall and along the southern portion of the Raisin River.<sup>693</sup> These early adaptation practices will assist in preventing future sewer overflow and repair and intermingling between waste and stormwater reserves in increased cases of flooding and other climate-related disasters.

On 7 October 2024, FinDev Canada announced a USD40 million loan to finance sustainable development including climate adaptation in sub-Saharan Africa.<sup>694</sup>

On 9 October 2024, FinDev Canada announced a USD40 million loan, including adaptation finance portions, to bolster Latin American and Caribbean sustainable agriculture.<sup>695</sup>

On 17 October 2024, Member of Parliament representing Sydney–Victoria Jaime Battiste proclaimed a CAD1.2 million joint investment alongside the Atlantic Coastal Action Program towards the replanting of the eastern Cape Breton Forest.<sup>696</sup> Through the 2 Billion Trees programme, over 208,000 trees will be planted, to aid in mitigating flood damage and promote climate adaptation.

On 24 October 2024, Minister of Housing, Infrastructure and Communities Sean Fraser established the Climate Toolkit for Housing and Infrastructure (CTHI).<sup>697</sup> The CTHI is a free set of resources to assist Canadians in adapting their infrastructure and projects to consider climate change and to provide direct assistance with climate adaptation inquiries.

On 29 October 2024, Minister Hussen and Minister Guilbeault announced funding of CAD62 million for seven programmes to protect biodiversity and Indigenous communities, particularly in Latin America.<sup>698</sup> One project, in collaboration with the World Food Programme, allocates CAD9.5 million to boost indigenous reliance to climate change and improve food security.<sup>699</sup>

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<sup>693</sup> Federal government invests in flood mitigation for the Raisin River, Housing, Infrastructure and Communities Canada (Cornwall) 9 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/10/federal-government-invests-in-flood-mitigation-for-the-raisin-river.html>

<sup>694</sup> Stanbic IBTC Bank and FinDev Canada partner to increase Sustainable Finance and Gender Finance, FinDev Canada (Montreal) 7 October 2024. Access Date: 7 January 2025. <https://www.findevcanada.ca/en/news/stanbic-ibtc-bank-and-findev-canada-partner-increase-sustainable-finance-and-gender-finance>

<sup>695</sup> FinDev Canada provides a US\$ 40M loan to LAAD to support sustainable agriculture in Latin America and the Caribbean, FinDev Canada (Montreal) 9 October 2024. Access Date: 7 January 2025. <https://www.findevcanada.ca/en/news/findev-canada-provides-us-40m-loan-laad-support-sustainable-agriculture-latin-america-and>

<sup>696</sup> Government of Canada and Atlantic Coastal Action Program Launch Major Reforestation Project in Cape Breton, Natural Resources Canada (Sydney) 17 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/10/government-of-canada-and-atlantic-coastal-action-program-launch-major-reforestation-project-in-cape-breton.html>

<sup>697</sup> Federal government launches new initiative to support climate resilient housing and infrastructure across communities, Housing, Infrastructure and Communities Canada (Ottawa) 24 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/10/federal-government-launches-new-initiative-to-support-climate-resilient-housing-and-infrastructure-across-communities.html>

<sup>698</sup> During COP16, Canada announces new partnerships to support global biodiversity and Indigenous-led action, Global Affairs Canada (Cali) 29 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/global-affairs/news/2024/10/during-cop16-canada-announces-new-partnerships-to-support-global-biodiversity-and-indigenous-led-action.html>

<sup>699</sup> Backgrounder: Canada announces \$62 million for sustaining livelihoods by protecting biodiversity in developing countries, Global Affairs Canada (Cali) 29 October 2024. Access Date: 11 November 2024. <https://www.canada.ca/en/global-affairs/news/2024/10/backgrounder-canada-announces-62-million-for-sustaining-livelihoods-by-protecting-biodiversity-in-developing-countries.html>

On 8 November 2024, the Ministry of Housing, Infrastructure and Communities announced CAD7.6 million to build two drainage pump stations in the city of Delta, British Columbia.<sup>700</sup> The stations help manage stormwater to adapt the city to increased flood risks due to climate change.

On 12 November 2024, Minister Guilbeault announced the launch of a new international climate finance platform, GAIA, valued at USD1.48 billion, which will support climate adaptation and mitigation initiatives in vulnerable regions and developing economies.<sup>701</sup> This platform will help benefit these communities in accessing sustainable solutions and addressing the impacts of climate change through adaptation projects. The platform includes CAD720 million in financing from FinDev Canada.<sup>702</sup> The balance of funding comes from the Green Climate Fund and the Mitsubishi UFJ Financial Group.<sup>703</sup>

On 14 November 2024, Minister Wilkinson declared an investment of over CAD7 million to fund 12 projects in British Columbia and across Canada that aim to further climate adaptation by delivering tools and strategies for improved resilience.<sup>704</sup>

On 14 November 2024, Minister Hussen announced the funding of CAD12.5 million for the Building Climate Resilience from Indigenous Perspectives project.<sup>705</sup> The project centers around Indigenous-led climate projects and partnerships between Latin America and Canada to advance climate adaptation efforts in Indigenous communities.

On 21 November 2024, FinDev Canada announced a USD75 million contribution to a USD394 sustainability-linked loan for agriculture in Africa.<sup>706</sup> The Eastern and Southern African Trade and Development Bank (TDB) and the Dutch Entrepreneurial Development Bank arrange the loans. The sustainability-linked loan aims to provide training and resources for climate resilient agricultural practices.<sup>707</sup>

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for

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<sup>700</sup> Federal government partners with the City of Delta to protect the community from flood risks, Housing, Infrastructure and Communities Canada (Delta) 8 November 2024. Access Date: 11 December 2024. <https://www.canada.ca/en/housing-infrastructure-communities/news/2024/11/federal-government-partners-with-the-city-of-delta-to-protect-the-community-from-flood-risks.html>

<sup>701</sup> During the World Leaders Climate Action Summit at COP29, Minister Guilbeault announces major Canadian-led climate finance platform, Environment and Climate Change Canada (Baku) 12 November 2024. Access Date: 1 December 2024. <https://www.canada.ca/en/environment-climate-change/news/2024/11/during-the-world-leaders-climate-action-summit-at-cop29-minister-guilbeault-announces-major-canadian-led-climate-finance-platform.html>

<sup>702</sup> Prime Minister grants \$720M to FinDev Canada for a new concessional finance facility, FinDev Canada (Montreal) 14 June 2024. Access Date: 7 January 2025. <https://www.findevcanada.ca/en/news/prime-minister-grants-720m-findev-canada-new-concessional-finance-facility>

<sup>703</sup> GAIA – US\$ 1.48 billion blended finance platform for climate projects in emerging markets and developing economies – commercial agreement on significant terms, FinDev Canada (Montreal) 13 November 2024. Access Date: 7 January 2025. <https://www.findevcanada.ca/en/news/gaia-us-148-billion-blended-finance-platform-climate-projects-emerging-markets-and-developing>

<sup>704</sup> Canada Invests in Climate Change Adaptation to Keep Communities Safe in British Columbia and Across Canada, Natural Resources Canada (Coquitlam) 14 November 2024. Access Date: 2 December 2024. <https://www.canada.ca/en/natural-resources-canada/news/2024/11/canada-invests-in-climate-change-adaptation-to-keep-communities-safe-in-british-columbia-and-across-canada0.html>

<sup>705</sup> Canada announces funding for Indigenous-led climate projects and partnerships between Latin America and Canada, Global Affairs Canada (Vancouver) 14 November 2024. Access Date: 2 December 2024. <https://www.canada.ca/en/global-affairs/news/2024/11/canada-announces-funding-for-indigenous-led-climate-projects-and-partnerships-between-latin-america-and-canada.html>

<sup>706</sup> FinDev Canada, FMO, TDB and others join forces in a US\$ 394M loan to ETG boosting sustainable agriculture in Africa, FinDev Canada (Montreal) 21 November 2024. Access Date: 27 December 2024. <https://www.findevcanada.ca/en/news/findev-canada-fmo-tdb-and-others-join-forces-us-394m-loan-etg-boosting-sustainable-agriculture>

<sup>707</sup> ETG THE FUTURE OF FINANCE IN AFRICAN AGRICULTURE, Entrepreneurial Development Bank (The Hague) n.d. Access Date: 7 January 2025. <https://future-minded.fmo.nl/future-proof-agribusiness/groundbreaking-deal>

developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>708</sup>

On 3 December 2024, Minister Wilkinson and Member of Parliament George Chahal announced over CAD2.6 million in funding for seven projects aimed at helping Indigenous and rural communities in the Prairies adapt to changing climates.<sup>709</sup>

Canada has partially complied with its commitment to scale up action and support, including financing for climate adaptation, as called for in the Glasgow Climate Pact. On a domestic level, Canada has taken actions to strengthen adaptation efforts through measures to increase fire and flood management capabilities, improve implementation of existing adaptation policies and improve access to disaster preparedness information. Canada has taken international efforts such as the GAIA finance platform and grants through FinDev, its development finance institution, to support adaptation efforts in developing economies. However, it has not yet increased its contribution to global adaptation finance from the prior year, in line with Glasgow Climate Pact and its commitment to scale up finance.<sup>710</sup>

Thus, Canada receives a score of 0.

*Analyst: Beth Momot*

### **France: 0**

France has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 17 June 2024, the Ministry of Agriculture, Food Sovereignty and Forestry announced a funding call for projects promoting adaptive farming measures to support farmers and strengthen agricultural resilience against climate change impacts.<sup>711</sup>

On 24 June 2024, the Public Health France released an updated national heatwave management plan to improve the management of health risks caused by heat waves as part of government-led climate adaptation efforts.<sup>712</sup> The updates include measures to increase mobility and awareness strategies among the general public, workers and businesses.

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<sup>708</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024.

<https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>709</sup> Canada Invests in Climate Change Adaptation to Keep Communities Safe in the Prairies and Across Canada, Natural Resources Canada (Ottawa) 3 December 2024. Access Date: 19 December 2024. <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-canada.html>

<sup>710</sup> Briefing Note One (Updated September 2024) Canada's \$5.3 billion Climate Pledge: Project Commitments, April 2021 to September 2024, Aid Watch Canada (Waterville) September 2024. Access Date: 7 January 2025. <https://aidwatchcanada.ca/wp-content/uploads/2024/09/1.-September-2024-Briefing-Note-1-5.3B-Projects-to-date-Changes-Accepted-1.pdf>

<sup>711</sup> Planification écologique: lancement de l'appel à projets "Accompagnement des agriculteurs face au change climatique", Ministère de L'Agriculture de la Souveraineté Alimentaire et de la Forêt (Paris) 17 June 2024. Translation provided by Google Translate. Access Date: 20 September 2024. <https://agriculture.gouv.fr/planification-ecologique-lancement-de-lappel-projets-accompagnement-des-agriculteurs-face-au>

<sup>712</sup> Vagues de chaleur: mise à jour du plan national, Ministère Territoires Écologie Logement (Paris) 24 June 2024. Translation provided by Google Translate. Access Date: 20 September 2024. <https://www.ecologie.gouv.fr/actualites/vagues-chaleur-mise-jour-du-plan-national>



On 4 July 2024, the Ministry of Agriculture, Food Sovereignty and Forestry announced a funding call for projects to protect forests from increased fire risk caused by climate change.<sup>713</sup>

On 16 July 2024, the Ministries of Agriculture, Food Sovereignty and Forestry announced that France joined the For Forest+ group.<sup>714</sup> The group consists of like-minded EU Member States and aims to develop cooperation on forest-related issues, including adaptation to climate change through knowledge exchange and policy development.

On 16 July 2024, the French Development Agency (AFD) signed a EUR500,000 grant agreement to improve ecosystem recovery after natural disasters, including disasters caused by climate change.<sup>715</sup>

On 16 July 2024, the Ministries of Agriculture, Food Sovereignty and Forestry opened a consultation phase on the Mediterranean agriculture climate plan.<sup>716</sup> The plan aims to support farmers in areas of climate disruptions such as floods, mudslides and fires to increase agricultural adaptation to climate change. This consultation period will allow interested parties to validate the plan's proposals and suggest necessary areas of improvement to improve the plan's effectiveness.

On 28 August 2024, Proparco, part of the AFD Group, announced EUR1 million in financing for projects in Pakistan including climate-related water management.<sup>717</sup>

On 4 October 2024, the AFD announced an EUR54 million loan and an EUR675,000 grant to the Bank of Pakistan for cross-cutting climate finance that aims to “[enhance] Pakistan’s resilience to climate change impacts.”<sup>718</sup>

On 25 October 2024, the Ministries of Territories, Ecology and Housing announced that the Third National Climate Change Adaptation Plan will open for public consultation on 25 October 2024 for a period of two months in order to allow interested parties to submit proposals for improvement of the Plan.<sup>719</sup>

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<sup>713</sup> Planification écologique: lancement de l’appel à projets “Défense des forêts contre les incendies”, Ministère de L’Agriculture de la Souveraineté Alimentaire et de la Forêt (Paris) 4 July 2024. Access Date: 20 September 2024.

<https://agriculture.gouv.fr/planification-ecologique-lancement-de-lappel-projets-defense-des-forets-contre-les-incendies>

<sup>714</sup> La France rejoint le groupe des États membres de l’Union européenne pour la forêt, « For Forest + », Ministère de L’Agriculture de la Souveraineté Alimentaire et de la Forêt (Paris) 16 July 2024. Translation provided by Google Translate. Access Date: 10 November 2024. <https://agriculture.gouv.fr/la-france-rejoint-le-groupe-des-etats-membres-de-lunion-europeenne-pour-la-foret-forest>

<sup>715</sup> French Development Agency and DG Forest support integrated watershed management and rural development in Seyhan and Ceyhan basins, Agence Française de Développement (Paris) 16 July 2024. Access Date: 7 January 2025.

<https://www.afd.fr/en/actualites/communiquede-presse/french-development-agency-and-dg-forest-support-integrated-watershed-management-and-rural-development-seyhan-and-ceyhan-basins>

<sup>716</sup> Lancement de la concertation relative au plan pour l’adaptation de l’agriculture méditerranéenne aux impacts du dérèglement climatique (plan « agriculture climat Méditerranée »), Ministère de L’Agriculture de la Souveraineté Alimentaire et de la Forêt (Paris) 16 July 2024. Translation provided by Google Translate. Access Date: 10 November 2024.

<https://agriculture.gouv.fr/lancement-de-la-concertation-relative-au-plan-pour-ladaptation-de-lagriculture-mediterraneenne-aux>

<sup>717</sup> Au Pakistan, Karandaaz renforce le financement des petites et moyennes entreprises dirigées par des femmes et axées sur le climat, avec le soutien de Proparco, Proparco (Paris) 28 August 2024. Access Date: 7 January 2025.

<https://www.proparco.fr/fr/actualites/au-pakistan-karandaaz-renforce-le-financement-des-petites-et-moyennes-entreprises>

<sup>718</sup> USD54 Million Credit Line and A €675,000 Grant Dedicated To Foster Low-Carbon And Climate-Resilient Growth In Pakistan, Agence Française de Développement (Paris) 4 October 2024. Access Date: 7 January 2025.

<https://www.afd.fr/en/actualites/communiquede-presse/usd54-million-credit-line-and-eu675000-grant-dedicated-foster-low-carbon-and-climate-resilient-growth-pakistan>

<sup>719</sup> Transition énergétique et climatique : les Français consultés, Ministères Territoires Ecologie Logement (Paris) 25 October 2024. Translation Provided by Google Translate. Access Date: 10 November 2024.

<https://www.ecologie.gouv.fr/actualites/transition-energetique-climatique-francais-consultes>

On 28 October 2024, the AFD and The Nature Conservancy announced a three-year joint action plan and a water management project in Brazil.<sup>720</sup> In addition the organizations stressed alignment on sustainable finance including adaptation.

On 29 October 2024, the AFD granted Bancóldex, Colombia's export-import bank, access to a USD100 million line of credit.<sup>721</sup> The line of credit is particularly geared towards supporting entrepreneurial projects that improve Colombia's climate adaptability.

On 7 November 2024, Proparco announced a USD50 climate finance loan, mainly to support adaptation measures.<sup>722</sup>

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>723</sup>

On 3 December 2024, the AFD announced an EUR2 million grant to aid adaptation efforts in Kazakhstan relating to the Aral Sea including water resource management.<sup>724</sup>

On 3 December 2024, the AFD announced an EUR1.35 million grant towards water management efforts to adapt to climate impacts around Kazakhstan's Balkhash Lake watershed.<sup>725</sup>

On 16 December 2024, Proparco provided USD5 million to the Equator Africa Fund to finance climate solutions, including for agriculture and mobility that contribute to adaptation finance.<sup>726</sup>

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<sup>720</sup> The Nature Conservancy and the group Agence française de développement strengthen their partnership for the protection of biodiversity at CBD COP16 in Cali, Colombia, Agence Française de Développement (Paris) 28 October 2024. Access Date: 7 January 2025. <https://www.afd.fr/en/actualites/communique-de-presse/nature-conservancy-and-group-agence-francaise-de-developpement-strengthen-their-partnership-protection-biodiversity-cbd-cop16-cali-colombia>

<sup>721</sup> BANCÓLDEX ACCÈDE À UNE LIGNE DE CRÉDIT TRANSFORMATIONNELLE DE L'AFD DE 100 MILLIONS DE DOLLARS, Agence Française de Développement (Paris) 8 November 2024. Translation provided by Google Translate. Access Date: 13 December 2024. <https://www.afd.fr/fr/actualites/communique-de-presse/bancoldex-accede-une-ligne-de-credit-transformationnelle-de-lafd-de-100-millions-de-dollars>

<sup>722</sup> Au Viêt Nam, Proparco soutient HD Bank pour ses projets de finance climat et de promotion de l'égalité de genre, Proparco (Paris) 7 November 2024. Access Date: 7 January 2025. <https://www.proparco.fr/fr/actualites/au-viet-nam-proparco-soutient-hd-bank-pour-ses-projets-de-finance-climat-et-de-promotion>

<sup>723</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>724</sup> Joint Communiqué of the Executive Committee of the International Fund for Saving the Aral Sea and the French Development Agency, Agence Française de Développement (Paris) 3 December 2024. Access Date: 7 January 2025. <https://www.afd.fr/en/actualites/communique-de-presse/joint-communique-executive-committee-international-fund-saving-aral-sea-and-french-development-agency>

<sup>725</sup> The French Development Agency announces its support to the Ministry of Water Resources and Irrigation of the Republic of Kazakhstan for the sustainable management of the lake Balkhash, Agence Française de Développement (Paris) 3 December 2024. Access Date: 7 January 2025. <https://www.afd.fr/en/actualites/communique-de-presse/french-development-agency-announces-its-support-ministry-water-resources-and-irrigation-republic-kazakhstan-sustainable-management-lake-balkhash>

<sup>726</sup> Proparco investit 5 millions USD dans le fonds Equator Africa pour renforcer la résilience climatique en Afrique subsaharienne, Proparco (Paris) 16 December 2024. Access Date: 7 January 2025. <https://www.proparco.fr/fr/actualites/proparco-investit-5-millions-usd-dans-le-fonds-equator-africa-pour-renforcer-la>

On 18 December 2024, Proparco contributed USD30 million for a multilateral loan facility to improve adaptation and water accessibility in Jamaica.<sup>727</sup>

France has partially complied with its commitment to scale up action and support, including financing for climate adaptation, as called for in the Glasgow Climate Pact. France demonstrated domestic action through its announcement of funding for projects to strengthen its agricultural resilience and wildfire resistance and improve climate-related health management policies. France advanced international climate finance through its development finance institution and its subsidiaries but has not increased adaptation finance from the previous year, in line with the Glasgow Climate Pact and France's commitment to scale up finance.<sup>728</sup>

Thus, France receives a score of 0.

*Analyst: Beth Momot*

### **Germany: 0**

Germany has partially complied with its commitment to scale up action and finance for climate adaptation as called for in the Glasgow Climate Pact.

On 15 July 2024, all federal ministries, under the leadership of the Federal Ministry of the Interior and Community, jointly published the implementation plan for the German Strategy to Strengthen Resilience to Disasters.<sup>729</sup> The plan consists of 420 measures that include investing in disaster relief, crisis management, international cooperation and strengthening the resilience of institutions, altogether improving climate resilience.

On 17 July 2024, the Federal Cabinet approved the government's draft for the 2025 federal budget.<sup>730</sup> The budget included provisions for climate change adaptation, agricultural protection, coastal protection and protection of the seas.

On 23 July 2024, Parliamentary State Secretary Ophelia Nick announced an investment of around EUR750,000 into the research project "Diversified Arable Farming for Risk Reduction and Sustainable Climate Conditioning" (DIARNIKA) to make arable farming more climate resilient.<sup>731</sup> DIARNIKA will investigate agricultural methods to make crop yields more stable and farming systems more resilient to extreme weather conditions.

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<sup>727</sup> Proparco finances the Rio Cobre Water Treatment Plant, with IDB Invest and key local partners in Jamaica, Proparco (Paris) 18 December 2024. Access Date: 7 January 2025. <https://www.proparco.fr/fr/actualites/proparco-finances-rio-cobre-water-treatment-plant-idb-invest-and-key-local-partners>

<sup>728</sup> France continues its commitment to climate finance for developing countries in 2023 (08.11.24), Ministère de L'Europe et des Affaires Étrangères (Paris) 8 November 2024. Access Date: 7 January 2025. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/climate-and-environment/news/2024/article/france-continues-its-commitment-to-climate-finance-for-developing-countries-in>

<sup>729</sup> Resilienzstrategie: Bundesregierung setzt 420 Maßnahmen für ein krisenfestes Deutschland um, Bundesministerium des Innern und für Heimat (Berlin) 15 July 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmi.bund.de/SharedDocs/pressemitteilungen/DE/2024/07/umsetzungsplan-resilienzstrategie.html>

<sup>730</sup> Mit Rekordinvestitionen und Maßnahmen für mehr Wachstum hin zur Wirtschaftswende, Bundesministerium der Finanzen (Berlin) 17 July 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bundesfinanzministerium.de/Content/DE/Pressemitteilungen/Finanzpolitik/2024/07/2024-07-17-regierungsentwurf-bundeshaushalt-2025.html>

<sup>731</sup> BMEL fördert Forschung zur Klimaanpassung im Ackerbau, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 23 July 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/076-foerderung-ackerbau.html>

On 31 August 2024, State Secretary and Special Representative for International Climate Policy Jennifer Morgan announced the aims of her upcoming visit to South Africa.<sup>732</sup> She plans to discuss the impacts of climate change in South Africa, including water crises, droughts and floods and further Germany's climate cooperation with South Africa through developing climate resilience.

On 3 September 2024, Minister of the Environment, Nature Conservation and Nuclear Safety Steffi Lemke announced the next round of funding through the project "Climate adaptation in social institutions," which supports climate adaptation in social institutions such as nursing homes or daycare centres.<sup>733</sup> The funding aims to develop nature based solutions for municipalities, non-profit organizations and companies in the health, care and social sectors to support those most vulnerable to extreme weather conditions and other consequences of global warming.

On 4 September 2024, the Cabinet adopted an amendment to the Building Code in building affordable, climate resilient housing.<sup>734</sup> This amendment provides opportunities for municipalities to adapt new housing to climate-related events, including floods, heavy rain or extreme heat.

On 4 September 2024, Minister of Food and Agriculture Cem Özdemir presented the "Future Plant Protection Program," a programme aiming to reconcile sustainable agriculture and plant protection with high productivity and good outcomes for farms amidst a changing climate.<sup>735</sup> Regarding adaptation, the program emphasizes strengthening natural resilience, diversifying crops, expanding organic farming, promoting agroecological approaches, enhancing biological pest control, improving water and soil health, leveraging precision agriculture technology, advancing integrated pest management, and monitoring progress through transparent indicators for sustainable and climate-adaptive agricultural practices.<sup>736</sup>

On 5 September 2024, State Secretary Jan-Niclas Gesenhues announced a funding check for the renaturation of the Ibbenbürener Aa, a river through North Rhine-Westphalia, to protect its ecosystem.<sup>737</sup> The project focuses on removing an artificial river step and adding a natural sand trap to reduce sediment in the Aasee, improving soil quality and floodplain creation and fostering climate adaptation.

On 9 September 2024, President of the Federal Office for Civil Protection Ralph Tiesler, Mayor of Ludwigshafen Jutta Steinruck, Mayor and Head of the Security Department of Mannheim Volker Proffen and State Secretary of the Ministry of the Interior and Sport in Rhineland-Palatinate Daniel Stich presented the "Local Warning Concepts" guide, intended to support local warning agencies to develop regional adaptation

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<sup>732</sup> Staatssekretärin und Sonderbeauftragte für internationale Klimapolitik Jennifer Morgan vor ihrer Abreise nach Südafrika, Auswärtigen Amt (Berlin) 31 August 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.auswaertiges-amt.de/de/newsroom/-/2674012>

<sup>733</sup> BMUV setzt Förderung von Klimaanpassungsmaßnahmen in sozialen Einrichtungen fort, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 3 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/bmuw-setzt-foerderung-von-klimaanpassungsmaßnahmen-in-sozialen-einrichtungen-fort>

<sup>734</sup> Für einfacheres Bauen – Novelle des Baugesetzbuches, Die Bundesregierung (Berlin) 4 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bundesregierung.de/breg-de/suche/novelle-baugesetzbuch-2306066>

<sup>735</sup> BMEL legt Zukunftsprogramm Pflanzenschutz vor, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 4 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/088-zukunftsprogramm-pflanzenschutz.html>

<sup>736</sup> Zukunftsprogramm Pflanzenschutz des BMEL - Ergebnis nach dem Beteiligungsprozess, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 4 September 2024. Access Date: 27 December 2024. [https://deutscher-weinbauverband.de/wp-content/uploads/2024/09/2024\\_Nr66\\_DWV-Info\\_Anhang\\_Zukunftsprogramm-Pflanzenschutz-des-BMEL.pdf](https://deutscher-weinbauverband.de/wp-content/uploads/2024/09/2024_Nr66_DWV-Info_Anhang_Zukunftsprogramm-Pflanzenschutz-des-BMEL.pdf)

<sup>737</sup> Für Fluss und Klima: Renaturierung der Ibbenbürener Aa, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 5 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/fuer-fluss-und-klima-renaturierung-der-ibbenbuenerer-aa>

warning plans.<sup>738</sup> The guide will empower communities to adopt locally relevant warning plans for disasters, including climate-related disasters and improve their resilience.

On 16 September 2024, Minister Lemke granted EUR224,000 for the Salzlandkreis district, aimed to advance climate adaptation, climate protection and biodiversity in the region.<sup>739</sup>

On 18 September 2024, Parliamentary State Secretary in the Federal Ministry for the Environment Bettina Hoffman allocated the annual grant notices for the city of Waldeck, the Waldeck- Frankenberg district and the Waldeck State Foundation through the “Climate-Adapted Forest Management” programme, amounting to almost EUR1.3 million.<sup>740</sup> These grants allow the district of Waldeck-Frankenberg to invest in the climate resilience of its 19,600 hectares of forest.

On 19 September 2024, State Secretary for the Environment Stefan Tidow and Head of Department Bettina Rechenberg awarded five prizes of EUR25,000 each to winners of the “Blue Compass” federal prize.<sup>741</sup> Awardees comprise the best projects that addressed prevention and adaptation to climate change, with winning projects addressing heavy rain prevention, civil protection, heat resilience and flood protection.

On 1 October 2024, the Federal Government introduced the next phase of the Green Guarantee Group, a group established at the 28th Conference of the Parties (COP28) to the United Nations Framework Convention on Climate Change, to fund more projects in emerging and developing countries.<sup>742</sup>

On 4 October 2024, Minister Lemke announced EUR27 million in funding for the “Peatland Climate Protection at the Baltic Sea Coast” project, intended to protect coastal bogs.<sup>743</sup> Lemke emphasized the importance of healthy bog ecosystems to mitigate the impacts of heavy rains, floods, extreme heat and droughts.

On 10 October 2024, Minister of Foreign Affairs Annalena Baerbock presented a speech at a briefing on COP29, acknowledging the climate crisis as a complex, cross-national security threat and reaffirming the importance of international cooperation.<sup>744</sup> In her speech, she reaffirmed Germany’s commitment to bilateral climate and energy partnerships across industrialized and developing nations for shared economic opportunities, in areas of climate mitigation and adaptation.

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<sup>738</sup> Damit die Warnung ankommt: Leitfaden für lokal angepasste Warnkonzepte vorgestellt, Bundesamt für Bevölkerungsschutz und Katastrophenhilfe (Bonn) 9 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bbk.bund.de/SharedDocs/Pressemitteilungen/DE/2024/09/pm-09-lokale-warnkonzepte.html>

<sup>739</sup> BMUV fördert Konzepte zur nachhaltigen Klimaanpassung und für Natürlichen Klimaschutz, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 16 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/bmu-fuert-konzepte-zur-nachhaltigen-klimaanpassung-und-fuer-natuerlichen-klimaschutz>

<sup>740</sup> Knapp 1,3 Millionen Euro Förderung für klimaangepasstes Waldmanagement im hessischen Waldeck, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 18 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/knapp-13-millionen-euro-foerderung-fuer-klimaangepasstes-waldmanagement-im-hessischen-waldeck>

<sup>741</sup> Bundespreis "Blauer Kompass": Auszeichnung für herausragende Projekte zur Vorsorge und Klimaanpassung, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 19 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/bundespreis-blauer-kompass-auszeichnung-fuer-herausragende-projekte-zur-vorsorge-und-klimaanpassung>

<sup>742</sup> Gemeinsame Presseerklärung des Auswärtigen Amtes und des Bundesministeriums für Wirtschaft und Klimaschutz zur Green Guarantee Group, Auswärtigen Amt (Berlin) 30 September 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.auswaertiges-amt.de/de/newsroom/green-guarantee-group/2678202>

<sup>743</sup> Mehr Klimaschutz durch renaturierte Küstenmoore, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Bonn) 4 October 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmu.de/pressemitteilung/mehr-klimaschutz-durch-renaturierte-kuestenmoore>

<sup>744</sup> Rede von Außenministerin Annalena Baerbock beim Briefing zur 29. Weltklimakonferenz (COP29), Auswärtigen Amt (Baku) 18 October 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.auswaertiges-amt.de/de/newsroom/cop-briefing/2680906>

On 14 October 2024, the Federal Office for Civil Protection announced the second “Research for Civil Protection” conference, aimed at scientists who work on civil protection and to be held in February 2025.<sup>745</sup> The newly released programme includes health protection, crisis and risk management and adaptation to hybrid threats, which relate to strengthening climate resilience.

On 16 October 2024, State Secretary in the Federal Ministry for Food and Agriculture Silvia Bender travelled to the People’s Republic of China to begin Sino-German Agricultural Week.<sup>746</sup> This annual political exchange is the central event of the Sino-German Agricultural Centre, focusing on topics including rural development, food security and the role of sustainable agriculture in climate protection and adaptation.

On 1 November 2024, Minister Özdemir announced his travel to Ethiopia and Zambia to develop cooperation for sustainable and climate-adapted agriculture.<sup>747</sup>

On 1 November 2024, the Federal Ministry of Food and Agriculture began hearings for federal, state and associations for amendments to the Federal Forest Act.<sup>748</sup> The act will be modernized to help forest owners adapt their forests to withstand future climate-related disasters, such as drought and extreme temperatures, by promoting mixed forests over monocultures.

On 1 November 2024, Minister Özdemir announced his travel to Ethiopia and Zambia to collaborate on sustainable and climate-adapted agriculture.<sup>749</sup>

On 6 November 2024, the Federal Cabinet launched the KRITIS Umbrella Act, a draft law to increase resilience of critical facilities.<sup>750</sup> The law will ensure greater protection for essential facilities providing water, food, electricity and telecommunications in the case of sabotage, terrorist attacks, or natural disasters, exacerbated by climate change.

On 19 November 2024, the Federal Environment Ministry and the Federal Foreign Office announced, at COP29 in Baku, a EUR60 million contribution to the Adaptation Fund.<sup>751</sup> These funds will contribute to climate adaptation efforts in developing countries.

On 19 November 2024, the Federal Ministry for Economic Affairs and Climate Action, the Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection and the Federal Foreign

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<sup>745</sup> Anmeldung jetzt für Fachkongress „Forschung für den Bevölkerungsschutz“ im Februar 2025 möglich, Bundesamt für Bevölkerungsschutz und Katastrophenhilfe (Bonn) 14 October 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bbk.bund.de/SharedDocs/Pressemitteilungen/DE/2024/10/pm-14-fachkongress-forschung-bevs.html>

<sup>746</sup> Staatssekretärin Bender eröffnet 10. Deutsch-Chinesische Agrarwoche, Bundesministerium für Ernährung und Landwirtschaft (Yancheng) 16 October 2024. Translation provided by Google Translate. Access Date: 29 October 2024. <https://www.bmel.de/SharedDocs/Meldungen/DE/Presse/2024/241015-dt-chn-agrarwoche.html>

<sup>747</sup> Bundesminister Özdemir reist nach Äthiopien und Sambia, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 1 November 2024. Translation provided by Google Translate. Access Date: 1 November 2024. <https://www.bmel.de/SharedDocs/Meldungen/DE/Presse/2024/241101-afrikareise.html>

<sup>748</sup> Bundeswaldgesetz: BMEL leitet Länder- und Verbändeanhörung ein, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 1 November 2024. Translation provided by Google Translate. Access Date: 1 November 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/122-bundeswaldgesetz-laenderanhoerung.html>

<sup>749</sup> Bundesminister Özdemir reist nach Äthiopien und Sambia, Bundesministerium für Ernährung und Landwirtschaft (Bonn) 1 November 2024. Translation provided by Google Translate. Access Date: 1 November 2024. <https://www.bmel.de/SharedDocs/Meldungen/DE/Presse/2024/241101-afrikareise.html>

<sup>750</sup> Kritische Infrastruktur schützen, Die Bundesregierung (Berlin) 6 November 2024. Translation provided by Google Translate. Access Date: 30 November 2024. <https://www.bundesregierung.de/breg-de/suche/kritis-dachgesetz-2318846>

<sup>751</sup> COP 29: Deutschland investiert mit Beitrag zu internationalem Klimaanpassungsfonds in globale Resilienz und Stabilität, Auswärtigen Amt (Baku) 19 November 2024. Translation provided by Google Translate. Access Date: 30 November 2024. <https://www.auswaertiges-amt.de/de/newsroom/2685558-2685558>

Office launched the 2024 thematic call for International Climate Initiative (IKI) project proposals at COP29.<sup>752</sup> This competition calls for innovative projects to help address greenhouse gas emissions and adaptation to climate change in developing countries.

On 21 November 2024, Minister Lemke spoke at COP29 on the importance of preserving nature to strengthen climate protection and adaptation.<sup>753</sup>

On 24 November 2024, the parties at COP29 set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>754</sup>

On 26 November 2024, the Commission on the Future of Agriculture published a series of strategic guidelines and recommendations for sustainable agriculture and for new ways of policy making.<sup>755</sup> The report included policy recommendations addressing environmental protection, animal protection, economic resilience and climate adaptation goals.

Germany has partially complied with its commitment to scale up action and finance for climate adaptation as called for in the Glasgow Climate Pact. Germany has financed and supported various domestic measures to increase climate adaptation, especially in agriculture and the improved management of natural disasters. Germany has engaged in international forums addressing climate adaptation and has invested in international projects and climate funds, such as the Adaptation Fund. However, Germany has not increased its contributions to climate adaptation finance from the previous year.<sup>756</sup>

Thus, Germany receives a score of 0.

*Analyst: Elizabeth Riddolls*

### **Italy: 0**

Italy has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 9 July 2024, the Italian Ministry of Environment and Energy Security and the Rwandan Ministry of Finance officially signed a EUR50 million financing agreement to support the country through the Italian Climate

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<sup>752</sup> COP29: Bundesregierung sucht internationale Vorreiterprojekte für Biodiversitäts- und Klimaschutz, Auswärtigen Amt (Baku) 19 November 2024. Translation provided by Google Translate. Access Date: 30 November 2024. <https://www.auswaertiges-amt.de/de/newsroom/iki-2685418>

<sup>753</sup> Von Cali über Baku nach Busan: Klimakrise untrennbar mit Artenaussterben und Rohstoffverbrauch verknüpft, Bundesministerium für Umwelt, Naturschutz, nukleare Sicherheit und Verbraucherschutz (Baku) 21 November 2024. Translation provided by Google Translate. Access Date: 30 November 2024. <https://www.bmu.de/pressemitteilung/von-cali-ueber-baku-nach-busan-klimakrise-untrennbar-mit-artenaussterben-und-rohstoffverbrauch-verknuempft>

<sup>754</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère des Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>755</sup> Zukunftskommission Landwirtschaft veröffentlicht strategische Leitlinien und Empfehlungen "Zukunft Landwirtschaft", Bundesministerium für Ernährung und Landwirtschaft (Bonn) 26 November 2024. Translation provided by Google Translate. Access Date: 30 November 2024. <https://www.bmel.de/SharedDocs/Pressemitteilungen/DE/2024/135-zkl.html>

<sup>756</sup> Germany again contributes fair share of climate finance for emerging economies and developing countries, Federal Ministry for Economic Cooperation and Development (Berlin) 27 September 2024. Access Date: 7 January 2025. <https://www.bmz.de/en/news/press-releases/germany-again-contributes-fair-share-of-climate-finance-230700>

Fund.<sup>757</sup> The investment is a component of Italy's larger Mattei Plan and aims to assist the Rwandan government in implementing its National Climate Plan to reduce Carbon emissions.

On 18 September 2024, the Ministry of Environment and Energy Security issued Directive No. 77 to fund projects aimed at improving the electrical grid's resilience to extreme weather events, to prevent prolonged power outages and mitigate social and economic consequences.<sup>758</sup> This action strengthens infrastructure and aligns with commitments to enhance climate resilience.

On 14 November 2024, the Italian and Kenyan governments signed an agreement utilizing funding from the Italian Climate Fund (FIC).<sup>759</sup> The FIC will provide a EUR150 million loan to the government of Kenya to support climate adaptation measures such as developing sustainable urban transport, encouraging reforestation and developing financial instruments aimed at combating climate change.

On 20 November 2024, the Minister of Environment and Energy Security, Gilberto Pichetto, launched the G7 Adaptation Accelerator Hub, which promotes global climate adaptation through investments, collaborations and support for vulnerable communities.<sup>760</sup> This initiative helps address potential collateral damages caused by climate change, including food security, water resource management and community resilience issues.

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>761</sup>

Italy has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact. Italy has demonstrated limited action in strengthening and funding the resilience of domestic electrical grids. Internationally, it has taken action to increase climate finance through its collaboration with the Kenyan, Ethiopian, Rwandan and Turkish governments but remains short of increasing its contributions to climate adaptation finance.<sup>762</sup>

Thus, Italy receives a score of 0.

*Analyst: Yipin Wang*

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<sup>757</sup> Rwanda e Italia firmano un accordo da 50 milioni di euro per sostenere progetti di resilienza climatica, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 9 July 2024. Translation provided by Google Translate. Access Date: 28 September 2024. <https://www.mase.gov.it/comunicati/rwanda-e-italia-firmano-un-accordo-da-50-milioni-di-euro-sostenere-progetti-di>

<sup>758</sup> PNRR Missione 7 REPOWER EU Investimento 2 Misura rafforzata: Interventi su resilienza climatica delle reti, Ministero dell'Ambiente e della Sicurezza Energetica (Rome) 11 October 2024. Translation provided by Google Translate. Access Date: 18 October 2024. <https://www.mase.gov.it/notizie/pnrr-missione-7-repower-eu-investimento-2-misura-rafforzata-interventi-su-resilienza>

<sup>759</sup> Piano Mattei: dal Fondo Italiano per il Clima nuovo accordo da 150 milioni per la resilienza climatica del Kenya, Ministero dell'Ambiente e della Sicurezza Energetica (Baku) 14 November 2024. Translation provided by Google Translate. Access Date: 28 November 2024. <https://www.mase.gov.it/notizie/piano-mattei-dal-fondo-italiano-il-clima-nuovo-accordo-da-150-milioni-la-resilienza>

<sup>760</sup> Cop29: Pichetto lancia il G7 Adaptation Accelerator Hub, Ministero dell'Ambiente e della Sicurezza Energetica (Baku) 20 November 2024. Translation provided by Google Translate. Access Date: 28 November 2024. <https://www.mase.gov.it/comunicati/cop29-pichetto-lancia-il-g7-adaptation-accelerator-hub>

<sup>761</sup> COP29- La France regrette un accord global manquant d'ambition, Ministères Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>762</sup> Climate Italy, Donor Tracker by SEEK Development (Berlin) n.d. Access Date: 7 January 2025. [https://donortracker.org/donor\\_profiles/italy/climate](https://donortracker.org/donor_profiles/italy/climate)



## Japan: 0

Japan has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 15 August 2024, the Japan International Cooperation Agency (JICA) released its Annual Plan for the 2024 Fiscal Year.<sup>763</sup> The plan outlines several planned actions undertaken by JICA, including actions aimed at agricultural production and climate change adaptation. The JICA requested increased funds to allocate to partnerships with development partners totaling JPY27 billion, a JPY6 billion increase from the 2023 fiscal year plan.

On 5 November 2024, the Ministry of the Environment, in cooperation with the Ministry of Education, Culture, Sports, Science and Technology, the Ministry of Land, Infrastructure, Transport and Tourism, the Financial Services Agency and the National Institute for Environmental Studies, announced the symposium Climate Change Risk Industry-Government-Academia Collaboration Network symposium.<sup>764</sup> The network will serve as a platform for companies, government agencies and research institutions to exchange views and collaborate on enhancing the information infrastructure and meeting the needs for climate change risk data and related services to raise awareness of initiatives and challenges to strengthen corporate resilience against climate change risks.

On 24 October 2024, the National Institute for Environmental Studies held its 5th International Climate Change Adaptation Platforms Meeting. The two-day meeting included discussions about collaborating with international stakeholders on climate adaptation initiatives.

On 11 November 2024, Japan provided a USD600 million guarantee to the African Development Bank (AfDB) alongside a USD1 billion United States guarantee to enable an additional USD7.2 billion in climate finance.<sup>765</sup>

On 21 November 2024, Japan committed USD5.1 million to the World Food Programme for a project to support 37,000 smallholder farmers in Zimbabwe affected by the climate crisis and drought.<sup>766</sup> The funding will be used to provide food assistance and enable climate-adaptation “by establishing water-based infrastructure, developing value chains and strengthening agricultural extension service capacity.”

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>767</sup>

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<sup>763</sup> JICA Annual Plan for Fiscal Year 2024, Japan International Cooperation Agency (Tokyo) 15 August 2024. Access Date: 19 December 2024. [https://www.jica.go.jp/english/about/basic/jica/\\_icsFiles/afiedfile/2024/08/15/JICA\\_Annual\\_Plan\\_2024\\_1.pdf](https://www.jica.go.jp/english/about/basic/jica/_icsFiles/afiedfile/2024/08/15/JICA_Annual_Plan_2024_1.pdf)

<sup>764</sup> 気候変動リスク産官学連携ネットワーク公開シンポジウム ～サステナビリティ情報開示における気候関連データの活用と「リスクと機会」への実践～ 開催のお知らせ, Ministry of Environment (Tokyo) 5 November 2024. Translation provided by Google Translate. Access Date: 19 November 2024. [https://www.env.go.jp/press/press\\_03966.html](https://www.env.go.jp/press/press_03966.html)

<sup>765</sup> Exclusive: ADB increases climate finance after US, Japan give world's first sovereign guarantees, Reuters (Baku) 11 November 2024.

<sup>766</sup> Japan Supports Climate Resilience and Sustainable Agriculture in Zimbabwe, World Food Programme (Harare) 21 November 2024. Access Date: 20 December 2024. <https://www.wfp.org/news/japan-supports-climate-resilience-and-sustainable-agriculture-zimbabwe>

<sup>767</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

On 18 December 2024, JICA granted JPY2.831 million to Pakistan for future flood risk reduction in the Indus Basin.<sup>768</sup>

Japan has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact. Japan has demonstrated commitment by announcing the development of climate forecasts and related corporate resilience efforts as well as highlighting proposals aimed at increasing agricultural resilience. Additionally, Japan demonstrated some budget increases in the 2024 Fiscal Year for JICA. Japan directly allocated adaptation finance in Pakistan and Zimbabwe and provided a sovereign guarantee to the AfDB but has not increased climate finance from the previous year.<sup>769</sup>

Thus, Japan receives a score of 0.

*Analyst: Yipin Wang*

### **United Kingdom: +1**

The United Kingdom has fully complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 18 June 2024, the Foreign, Commonwealth and Development Office invited proposals for umbrella reviews on plausible priority endeavours to support climate change adaptation in low- and middle-income countries.<sup>770</sup>

On 25 June 2024, British International Investment (BII), the UK's development finance institution announced a USD75 million contribution to a "green basket bond" that supports climate related agriculture and forestry projects in addition to other climate finance.<sup>771</sup> The financing instrument will operate "across Africa, South and South-East Asia...", with a particular focus on India."

On 11 July 2024, the Environment Agency announced its partnership with Eastbourne Borough Council to improve protections against flooding in coastal communities in Sussex due to rising sea levels.<sup>772</sup> This initiative is part of the Pevensey Bay to Eastbourne Coastal Management Scheme, which aims to improve climate adaptation efforts to rising sea levels and increasing flood risks.

On 15 July 2024, BII announced a USD10 million loan with allocations towards climate adaptive agriculture practices in Zimbabwe.<sup>773</sup>

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<sup>768</sup> Signing of Grant Agreement with Pakistan : Contributing to the reduction of flood risk through the strengthening of flood management, Japan International Cooperation Agency (Tokyo) 18 December 2024. Access Date: 20 December 2024. [https://www.jica.go.jp/english/information/press/2024/20241216\\_31.html](https://www.jica.go.jp/english/information/press/2024/20241216_31.html)

<sup>769</sup> Climate Japan, Donor Tracker by SEEK Development (Berlin) n.d. Access Date: 7 January 2025. [https://donortracker.org/donor\\_profiles/japan/climate#funding-outlook](https://donortracker.org/donor_profiles/japan/climate#funding-outlook)

<sup>770</sup> Effectiveness of climate change adaptation interventions in low- and middle-income countries: rapid umbrella review, Foreign, Commonwealth & Development Office (London) 18 June 2024. Access Date: 20 September 2024. <https://www.gov.uk/international-development-funding/effectiveness-of-climate-change-adaptation-interventions-in-low-and-middle-income-countries-rapid-umbrella-review>

<sup>771</sup> British International Investment and Symbiotics strengthen partnership with launch of second Green Basket Bond across Asia and Africa, British International Investment (London) 25 June 2024. Access Date: 7 January 2025. <https://www.bii.co.uk/en/news-insight/news/british-international-investment-and-symbiotics-strengthen-partnership-with-launch-of-second-green-basket-bond-across-asia-and-africa/>

<sup>772</sup> 10,000 properties in East Sussex better protected from flooding, Environment Agency (Bristol) 11 July 2024. Access Date: 20 September 2024. <https://www.gov.uk/government/news/10000-properties-in-east-sussex-better-protected-from-flooding>

<sup>773</sup> British International Investment supports NMB Bank Zimbabwe to boost agricultural exports and support sustainable farming, British International Investment (London) 15 July 2024. Access Date: 7 January 2025. <https://www.bii.co.uk/en/news-insight/news/british-international-investment-supports-nmb-bank-zimbabwe-to-boost-agricultural-exports-and-support-sustainable-farming/>

On 24 July 2024, Secretary of State for Foreign, Commonwealth and Development Affairs David Lammy met with Indian government officials in New Delhi to establish a new partnership with India including on global climate resilience initiatives.<sup>774</sup>

On 31 July 2024, the Foreign, Commonwealth and Development Office through the Mobilising Institutional Capital Through Listed Product Structures program provided USD7 million for the Helios Climate, Energy Access, and Resilience Fund which invests in Africa.<sup>775</sup>

On 31 July 2024, BII provided a portion of the USD200 million raised by the Helios Climate, Energy Access, and Resilience Fund to provide cross-cutting climate finance.<sup>776</sup>

On 15 August 2024, UK Export Finance announced a GBP22 million investment to support the development of clean water projects in the Quiminha region of Angola.<sup>777</sup> The projects aim to bring clean reliable water to over one hundred thousand residents in drought-heavy Quiminha and help the region become more resilient to climate-induced irregular weather events such as increased drought.

On 27 August 2024, Minister for the Indo-Pacific Catherine West announced GBP12.9 million in climate finance for Tonga including funds for adaptation.<sup>778</sup>

On 27 August 2024, British Ambassador to Honduras Nick Whittingham launched the Resilient and Biodiverse Landscapes of Northern Mesoamerica project.<sup>779</sup> The project aims to strengthen the adaptive strategies of rural communities to extreme weather events.

On 4 September 2024, Minister for Africa Ray Collins announced new financing for agricultural projects in Africa.<sup>780</sup> GBP25 million will be given to AgDevCo, an investment group which seeks to improve food security and agribusiness in Africa. Funding will be used to aid farmers in the continent in adapting to the effects of climate change.

On 5 September 2024, Secretary of State for Science, Innovation and Technology Peter Kyle celebrated the launch of a satellite part of the Copernicus Sentinel 2 mission.<sup>781</sup> Extracted satellite imaging will be used to monitor the status of climate change through tracking wildfires, floods and gas leaks in an effort to expedite emergency response systems.

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<sup>774</sup> Foreign Secretary travels to India to cement stronger partnership on tech, climate and growth, Foreign, Commonwealth & Development Office (London) 24 July 2024. Access Date: 20 September 2024. <https://www.gov.uk/government/news/foreign-secretary-travels-to-india-to-cement-stronger-partnership-on-tech-climate-and-growth>

<sup>775</sup> CLEAR Fund, Mobilising Institutional Capital Through Listed Product Structures (London) 31 July 2024. Access Date: 7 January 2025. <https://www.mobilistglobal.com/investment/clear-fund/>

<sup>776</sup> UK backing enables new Africa-focused climate fund to achieve \$200 million first close, British International Investment (London) 31 July 2024. Access Date: 7 January 2025. <https://www.bii.co.uk/en/news-insight/news/uk-backing-enables-new-africa-focused-climate-fund-to-achieve-200-million-first-close/>

<sup>777</sup> UKEF puts €22 million loan behind Angolan clean water project, UK Export Finance (London) 15 August 2024. Access Date: 29 October 2024. <https://www.gov.uk/government/news/ukef-puts-22-million-loan-behind-angolan-clean-water-project>

<sup>778</sup> UK announces new climate funding for Pacific as minister visits New Zealand and Tonga, Foreign, Commonwealth, & Development Office (London) 27 August 2024. Access Date: 28 October 2024. <https://www.gov.uk/government/news/uk-announces-new-climate-funding-for-pacific-as-minister-visits-new-zealand-and-tonga>

<sup>779</sup> Biodiverse Landscapes Fund starts activities in Moskitia, British Embassy Guatemala City (for Honduras) (Guatemala City) 27 August 2024. Access Date: 30 October 2024. <https://www.gov.uk/government/news/biodiverse-landscapes-fund-starts-activities-in-moskitia>

<sup>780</sup> Minister for Africa pledges funding to accelerate growth in Africa agriculture sector, Foreign, Commonwealth & Development Office (London) 4 September 2024. Access Date: 30 October 2024. <https://www.gov.uk/government/news/minister-for-africa-pledges-funding-to-accelerate-growth-in-africa-agriculture-sector>

<sup>781</sup> New satellite to image the Earth and strengthen Europe's Copernicus programme, UK Space Agency (London) 5 September 2024. Access Date: 30 October 2024. <https://www.gov.uk/government/news/new-satellite-to-image-the-earth-and-strengthen-europes-copernicus-programme>

On 17 September 2024, Minister Collins announced GBP1 million for drought response in Ghana.<sup>782</sup>

On 27 September 2024, Prime Minister Keir Starmer addressed the United Nations General Assembly, emphasizing the growing need to increase adaptation finance rework the international financial system so it can better serve developing countries.<sup>783</sup>

On 30 September 2024, Minister for Food Security and Rural Affairs Daniel Zeichner announced a new legislation, which will allow widespread use of innovative precision breeding technology across the UK.<sup>784</sup> These technologies encourage the development of crops that are more resilient to climate change, improving agricultural adaptability.

On 15 October 2024, the Environment Agency hosted drop-in events for the communities of Pevensey and Eastbourne to assess the Agency's proposed plans for flood prevention.<sup>785</sup> Measures include the reinstallation of displaced sand and shingle to beaches, as well as raising the height of timber groves to stop sediment from moving.

On 24 October 2024, Parliamentary Under Secretary of State Andrew Gwynne released a letter outlining the UK Health Security Agency's (UKHSA) priorities for the coming fiscal year.<sup>786</sup> The UKHSA will provide advice on measures needed to reduce adverse effects on health caused by extreme weather events such as flooding. The UKHSA will also support the rollout of the National Adaptation Programme and help to implement the Adverse Weather and Health Plan.

On 13 November 2024, Parliamentary Under-Secretary of State at the Department for Environment, Food and Rural Affairs responsible for Water and Flooding Emma Hardy announced increased financial aid for farmers and small towns experiencing flooding.<sup>787</sup> This funding includes GBP50 million to internal drainage boards to manage flooding and ensure water levels are suitable for agriculture in these areas.

On 13 November 2024, Secretary Lammy announced that GBP280 million in climate financing would be allocated in collaboration with the Asian Development Bank to the Innovative Finance Facility for Climate in Asia and the Pacific.<sup>788</sup> The Facility aims to increase the scale and efficiency of donor funds mobilized through projects aimed at addressing climate change adaptation and mitigation.

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<sup>782</sup> Minister for Africa Lord Collins Reaffirms UK-Ghana Partnership, Government of United Kingdom (London) 16 September 2024. Access Date: 01 November 2024. <https://www.gov.uk/government/news/minister-for-africa-lord-collins-reaffirms-uk-ghana-partnership>

<sup>783</sup> PM United Nations General Assembly Speech: 26 September 2024, Prime Minister's Office, 10 Downing Street (London) 27 September 2024. Access Date: 30 October 2024. <https://www.gov.uk/government/news/pm-united-nations-general-assembly-speech-26-september-2024>

<sup>784</sup> New legislation to support precision breeding and boost Britain's food security, Department for Environment, Food & Rural Affairs (London) 30 September 2024. Access Date: 28 October 2024. <https://www.gov.uk/government/news/new-legislation-to-support-precision-breeding-and-boost-britains-food-security>

<sup>785</sup> Updated plans to protect Pevensey and Eastbourne from flooding, Environment Agency (London) 15 October 2024. Access Date: 30 October 2024. <https://www.gov.uk/government/news/updated-plans-to-protect-pevensey-and-eastbourne-from-flooding>

<sup>786</sup> Letter from Andrew Gwynne MP to Professor Dame Jenny Harries, UKHSA Chief Executive, Department of Health & Social Care (London) 24 October 2024. Access Date: 31 October 2024. <https://www.gov.uk/government/publications/ukhsa-priorities-in-2024-to-2025/letter-from-andrew-gwynne-mp-to-professor-dame-jenny-harries-ukhsa-chief-executive>

<sup>787</sup> Reforms to flood funding and investment to protect farming communities, Department for Environment, Food & Rural Affairs (London) 13 November 2024. Access Date: 29 November 2024. <https://www.gov.uk/government/news/reforms-to-flood-funding-and-investment-to-protect-farming-communities>

<sup>788</sup> Asian Development Bank event: Foreign Secretary's speech at COP29, Foreign, Commonwealth & Development Office (London) 13 November 2024. Access Date: 29 November 2024. <https://www.gov.uk/government/speeches/asian-development-bank-event-foreign-secretarys-speech-at-cop29>

On 15 November 2024, Minister Dodds announced GBP30 million for the Weather and Climate Information Services network in Africa including GBP4 dedicated to Kenya.<sup>789</sup> This funding helps African states to accelerate and strengthen responses to extreme weather events.

On 20 November 2024, UK Special Representative for Climate Rachel Kyte met with Guatemala's Vice Minister of the Environment Edwin Castellanos and Climate Change Special Envoy Rita Mishaan at COP29 to discuss climate financing, including the need for financial support of adaptation initiatives.<sup>790</sup>

On 21 November 2024, Minister for the Middle East Hamish Falconer announced funding worth GBP108 million to help local Pakistani businesses adapt to climate change.<sup>791</sup> The investment aims to mobilize up to six times that number in private capital.

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>792</sup>

On 29 November 2024, Secretary Lammy discussed the shared partnership between the UK and New Zealand with New Zealand Minister of Foreign Affairs Winston Peters at the 2024 Foreign Ministers Dialogue.<sup>793</sup> The discussion yielded increased funding for the Pacific Regional Invasive Species Management Support Service, to pursue commitments to climate adaptation through strengthening the resilience of biodiversity in Oceania. The ministers also discussed new innovations in the field of earthquake detection in New Zealand, made possible because of the UK's International Science Partnership Fund.

The United Kingdom has fully complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact. The United Kingdom has taken many actions to increase the resilience of its regions and cities, such as water system reforms, constructions of flood resistant infrastructure and forest fire management. On the international stage, the United Kingdom has contributed to adaptation infrastructure partnerships and has also mobilized investments towards multilateral development initiatives to aid developing countries in improving their climate adaptation. The total adaptation finance provided by the UK in the compliance period represents a scale up in finance compared to previous years.<sup>794</sup>

Thus, the United Kingdom receives a score of +1.

*Analyst: Amelia Dease*

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<sup>789</sup> UK pledges Ksh 660 million to Kenya to boost weather and information services, British High Commission Nairobi (Nairobi) 15 November 2024. Access Date: 3 December 2024. <https://www.gov.uk/government/news/uk-pledges-ksh-660-million-to-kenya-to-boost-weather-and-information-services>

<sup>790</sup> UK and Guatemala discussed shared priorities at COP29, British Embassy Guatemala City (Guatemala City) 20 November 2024. Access Date: 29 November 2024. <https://www.gov.uk/government/news/uk-and-guatemala-discussed-shared-priorities-at-cop29>

<sup>791</sup> World-leading climate initiatives to be developed through UK programme in Pakistan, Foreign, Commonwealth & Development Office (London) 21 November 2024. Access Date: 29 November 2024. <https://www.gov.uk/government/news/world-leading-climate-initiatives-to-be-developed-through-uk-programme-in-pakistan>

<sup>792</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>793</sup> UK secures another signatory for its 'Shadow Fleet' call to action as New Zealand and UK Foreign Secretaries pledge closer cooperation, Foreign, Commonwealth & Development Office (London) 29 November 2024. Access Date: 3 December 2024. <https://www.gov.uk/government/news/uk-secures-another-signatory-for-its-shadow-fleet-call-to-action-as-new-zealand-and-uk-foreign-secretaries-pledge-closer-cooperation>

<sup>794</sup> UK International Climate Finance results 2023, Foreign, Commonwealth & Development Office (London) 6 October 2023. Access Date: 7 January 2025. <https://www.gov.uk/government/publications/uk-international-climate-finance-results-2023/uk-international-climate-finance-results-2023>.

## United States: 0

The United States has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

On 20 June 2024, the Environmental Protection Agency (EPA) released its 2024–2027 Climate Adaptation Plan, which includes methods for building a climate-resilient country.<sup>795</sup> The plan focuses on improving climate literacy, resilience in supply chains and integrating climate data and considerations into legislation. Additionally, the plan outlines the proposed budget for 2025, demonstrating an increase of over USD 2 million in climate adaptation funding.

On 21 June 2024, EPA Regional Administrator Lisa F. Garcia awarded USD500,000 to Nos Quedamos under the Environmental Justice Collaborative Problem Solving Cooperative Agreement Program.<sup>796</sup> The grant will support a project focused on climate resilience and emergency preparedness.

On 26 June 2024, the EPA partnered with King County and Seattle, signing an agreement committing to expanding their effluent and stormwater discharge reduction efforts.<sup>797</sup> The projects are intended to mitigate untreated sewage from flowing into local waterways and make wastewater storage more resilient to increasing rainfall and flooding due to climate change.

On 27 June 2024, the United States Agency for International Development (USAID) Deputy Administrator Isobel Coleman announced USD66.8 million in funding to Zambia in response to current drought conditions in the country.<sup>798</sup> This money will not only provide humanitarian aid to alleviate the ongoing crisis but to also support the country's agricultural base and future drought resilience.

On 2 July 2024, President Joe Biden announced a series of actions to mitigate climatic effects, including nearly USD1 billion in grants to facilitate them.<sup>799</sup> President Biden announced a new Department of Labor federal safety standard for heat waves, Federal Emergency Management Agency's (FEMA) improvements of national resilience against flooding and provision of USD1 billion in adaptation and resilience funding projects.<sup>800</sup>

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<sup>795</sup> Fact Sheet: Biden-Harris Administration Releases Agency Climate Adaptation Plans, Demonstrates Leadership in Building Climate Resilience, The White House (Washington D.C.) 20 June 2024. Access Date: 28 September 2024.

<https://www.whitehouse.gov/briefing-room/statements-releases/2024/06/20/fact-sheet-biden-harris-administration-releases-agency-climate-adaptation-plans-demonstrates-leadership-in-building-climate-resilience/>

<sup>796</sup> EPA to Award a Half Million Dollars to South Bronx Organization to Combat Impacts of Climate Change, U.S. Environmental Protection Agency (Washington D.C.) 21 June 2024. Access Date: 28 September 2024. <https://www.epa.gov/newsreleases/epa-award-half-million-dollars-south-bronx-organization-combat-impacts-climate-change>

<sup>797</sup> Seattle & King County to expand wastewater treatment in new agreement with EPA, DOJ, Ecology, U.S. Environmental Protection Agency (Washington D.C.) 26 June 2024. Access Date: 28 September 2024.

<https://www.epa.gov/newsreleases/seattle-king-county-expand-wastewater-treatment-new-agreement-epa-doj-ecology>

<sup>798</sup> USAID Announces More Than \$66 Million to Support Zambia in Efforts to Combat Drought, Support Resilience, and Strengthen Food Security as a Feed the Future Accelerator Country, United States Agency for International Development (Washington D.C.)

27 June 2024. Access Date: 25 September 2024. <https://www.usaid.gov/news-information/press-releases/jun-27-2024-usaid-announces-more-66-million-support-zambia-efforts-combat-drought-support-resilience-and-strengthen-food-security-feed-future-accelerator-country>

<sup>799</sup> President Biden Announces \$1 Billion in Project Selections to Make Communities More Resilient to Climate Change and Natural Hazards Through His Investing in America Agenda, the Federal Emergency Management Agency (Washington D.C.) 2 July 2024. Access Date: 28 September 2024. <https://www.fema.gov/press-release/20240702/president-biden-announces-1-billion-project-selections-make-communities-more>

<sup>800</sup> FACT SHEET: President Biden Announces New Actions to Protect Workers and Communities from Extreme Weather, The White House (Washington D.C.) 2 July 2024. Access Date: 28 September 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/07/02/fact-sheet-president-biden-announces-new-actions-to-protect-workers-and-communities-from-extreme-weather/>

On 8 July 2024, the EPA declared over USD3.6 million in funding to be allocated to 38 organizations under the Environmental Education Grants Program.<sup>801</sup> Notable projects include programmes fostering watershed stewardship design and nature-based flooding solutions in Houston.

On 8 July 2024, the EPA revealed its chosen candidates from the University of Maine and Learning Endeavors to receive grants to conduct environmental education projects in the Pacific Islands.<sup>802</sup> The selected projects aim to increase environmental literacy on wetland restoration across Pacific Island communities and empower local adaptation efforts.

On 9 July 2024, the EPA announced it would grant USD5 million to establish four Centres of Excellence for Stormwater Control Infrastructure Technologies and a national clearinghouse managing innovations in stormwater control technologies.<sup>803</sup> The facilities are projected to play an influential role in cleaning aquatic pollution and improving water quality through the national implementation of enhanced infrastructure and increased research to promote climate resilience.

On 11 July 2024, the EPA proclaimed a USD14.8 million loan to the Palmdale Water District in southern California to assist with the area's advanced water augmentation programme.<sup>804</sup> The Water Infrastructure Finance and Innovation Act loan will establish a critical drought-resistant potable water supply for its residents through recycled water purification.

On 18 July 2024, Secretary of Agriculture Tom Vilsack announced the US Department of Agriculture's (USDA) investment of USD90 million in 53 Conservation Innovation Grant projects.<sup>805</sup> These projects include actions to develop irrigation technologies that minimize water use and sustainable agriculture to increase agricultural resilience to climate change.

On 18 July 2024, the National Oceanic and Atmospheric Administration (NOAA) recommended USD220 million in funding to support 32 habitat restoration and coastal resilience projects.<sup>806</sup> This funding will support projects that restore habitats in coastal and urban ecosystems, with a focus on engaging underserved communities to improve climate resilience.

On 22 July 2024, the Climate and Fisheries Adaptation programme announced USD6 million in funding for eight new three-year projects focused on understanding and developing climate resilience in US marine fisheries

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<sup>801</sup> EPA Selects Educational Organizations to Receive Over \$3.6 million to Support Environmental Projects Nationwide, U.S. Environmental Protection Agency (Washington D.C.) 8 July 2024. Access Date: 28 September 2024.

<sup>802</sup> EPA Awards Funding to Two Educational Organizations for Environmental Projects in Pacific Islands, U.S. Environmental Protection Agency (Washington D.C.) 8 July 2024. Access Date: 28 September 2024. <https://www.epa.gov/newsreleases/epa-awards-funding-two-educational-organizations-environmental-projects-pacific>

<sup>803</sup> Biden-Harris Administration Establishes Four Stormwater Centers of Excellence with \$5 Million in Grants under Investing in America Agenda, U.S. Environmental Protection Agency (Washington D.C.) 9 July 2024. Access Date: 28 September 2024. <https://www.epa.gov/newsreleases/biden-harris-administration-establishes-four-stormwater-centers-excellence-5-million>

<sup>804</sup> EPA Announces \$14 Million WIFIA Loan to Develop Drought Solutions in California, U.S. Environmental Protection Agency (Washington D.C.) 11 July 2024. Access Date: 28 September 2024. <https://www.epa.gov/newsreleases/epa-announces-14-million-wifia-loan-develop-drought-solutions-california>

<sup>805</sup> Biden-Harris Administration Announces \$90 Million in Innovative Projects that Help Conserve Natural Resources and Address Climate Change as Part of Investing in America Agenda, U.S. Department of Agriculture (Reading) 18 July 2024. Access Date: 26 October 2024. <https://www.usda.gov/media/press-releases/2024/07/18/biden-harris-administration-announces-90-million-innovative>

<sup>806</sup> Biden-Harris Administration announces nearly \$220 million for transformational habitat restoration and coastal resilience projects, National Oceanic and Atmospheric Administration (Washington D.C.) 18 July 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/biden-harris-administration-announces-nearly-220-million-for-transformational-habitat-restoration>

and fishing communities.<sup>807</sup> These projects will assess management strategies for resilient fish stocks, fisheries and fishing communities and foster an understanding of climate adaptation in frontline fishing communities.

On 22 July 2024, the Department of the Interior announced a funding opportunity for ecosystem and habitat restoration projects in the Upper Colorado River Basin addressing the effects of long-term drought.<sup>808</sup> These funds will increase water security by restoring habitats and engaging in species recovery, while supporting community and landscape resiliency.

On 23 July 2024, President Biden announced a collaborative agreement with the NOAA that will build advanced wildfire detection capabilities with satellite technology, supported by a USD20 million investment.<sup>809</sup> The Department of the Interior and the USDA's Forest Service will use NOAA satellites to detect and report wildfire starts, improving wildfire warning systems.

On 23 July 2024, the Department of Housing and Urban Development announced USD19 million in grant and loan awards to 32 properties through the Green and Resilient Retrofit Program.<sup>810</sup> These awards will empower low-income individuals, families and seniors in over 4,260 homes to carry out renovations improving climate resiliency and energy efficiency.

On 24 July 2024, Secretary of the Interior Deb Haaland announced a USD16 million investment in the Yakima River Basin for increased drought resiliency.<sup>811</sup> This investment will support conservation efforts and habitat restoration in basins suffering from long-term drought and will increase the resiliency of communities reliant on the Yakima River.

On 25 July 2024, the EPA announced over USD325 million in funding for 21 selected applications in the Community Change Grants Program.<sup>812</sup> This programme will empower disadvantaged communities to address issues of environmental and climate justice through projects that increase climate resiliency and reduce pollution.

On 26 July 2024, Secretary of Commerce Gina Raimondo announced that the Department of Commerce and NOAA are recommending USD575 million to fund 19 projects that address climate resiliency across coastal

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<sup>807</sup> NOAA Research Climate Program Office and NOAA Fisheries Office of Science and Technology announce \$6.0 million in funding for eight projects under the Climate and Fisheries Adaptation Program, Climate Program Office (Silver Spring) 22 July 2024. Access Date: 28 October 2024. <https://cpo.noaa.gov/noaa-research-climate-program-office-and-noaa-fisheries-office-of-science-and-technology-announce-6-0-million-in-funding-for-eight-projects-under-the-climate-and-fisheries-adaptation-program/>

<sup>808</sup> Interior Department Announces Next Steps to Implement President Biden's Investing in America Agenda for Ecosystem and Habitat Restoration in the Upper Colorado River Basin, U.S. Department of the Interior (Washington D.C.) 22 July 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/interior-department-announces-next-steps-implement-president-bidens-investing-america>

<sup>809</sup> Biden-Harris Administration Advances Early Wildfire Detection by Expanding Use of Satellites as Part of Investing in America agenda, U.S. Department of the Interior (Washington D.C.) 23 July 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-advances-early-wildfire-detection-expanding-use>

<sup>810</sup> Biden-Harris Administration Announces \$19 Million in New Housing Investments, U.S. Department of Housing and Urban Development (Washington D.C.) 23 July 2024. Access Date: 28 October 2024. [https://www.hud.gov/press/press\\_releases\\_media\\_advisories/HUD\\_No\\_24\\_190](https://www.hud.gov/press/press_releases_media_advisories/HUD_No_24_190)

<sup>811</sup> Secretary Haaland Travels to Washington to Announce \$16 Million from President Biden's Investing in America Agenda for Drought Resiliency in the Yakima River Basin, U.S. Department of the Interior (Toppenish) 24 July 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/secretary-haaland-travels-washington-announce-16-million-president-bidens-investing>

<sup>812</sup> Biden-Harris Administration Announces More Than \$325 Million in Environmental and Climate Justice Community Change Grants, U.S. Environmental Protection Agency (Washington D.C.) 25 July 2024. Access Date: 1 November 2024. <https://www.epa.gov/newsreleases/biden-harris-administration-announces-more-325-million-environmental-and-climate>



and Great Lakes states and territories.<sup>813</sup> This will be achieved through NOAA's Climate Resilience Regional Challenge, a competitive grant programme that awards funds to communities and regions advancing coastal resilience.

On 26 July 2024, the Department of the Treasury and the Brazilian Ministry of Finance issued a joint statement announcing the Brazil Fazenda – US Treasury Climate Partnership.<sup>814</sup> This partnership will help develop policies and drive reform in international institutions, in terms of clean energy supply chains, high-integrity carbon markets, nature and biodiversity finance and multilateral climate funds, working towards goals of climate adaptation and mitigation. This includes investment in multilateral climate finance funds such as the Climate Investment Funds, Global Environment Facility, Adaptation Fund and Green Climate Fund.

On 29 July 2024, Secretary Haaland announced a USD20 million investment for ecosystem restoration and enhanced food security in Hawai'i.<sup>815</sup> By incorporating Indigenous Knowledge, the Department aims to build climate resilience across vulnerable ecosystems and address the threats from increased fire risk and changing ocean conditions due to climate change.

On 1 August 2024, Secretary Vilsack announced the USDA's investment of USD400 million to support farmers in sustainable commodity production.<sup>816</sup> This funding will support the use of innovative water savings technologies and farming practices, helping conserve water across western states to improve drought resilience in the face of climate change.

On 1 August 2024, Secretary Raimondo and NOAA administrator Rick Spinrad announced USD1.5 million in funding for federally recognized tribes to participate in regional ocean partnerships, increasing Indigenous input in regional databases and coastal management in the face of climate change.<sup>817</sup> This will ensure tribes have access to necessary resources to become climate resilient.

On 5 August 2024, the Department of Commerce and NOAA announced USD600,000 in funding for citizen science projects helping fisheries and fishing communities prepare for the impacts of climate change.<sup>818</sup> NOAA Fisheries will seek proposals for projects that address data gaps in assessing the health of marine fish stocks or the impacts of changing environmental conditions on fisheries and fishing communities, expanding the breadth and depth of observations available to assess climate-related impacts.

On 5 August 2024, the Department of the Interior announced a nearly USD105 million investment for 67 water conservation and efficiency projects across the nation intended to increase drought resilience.<sup>819</sup> These

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<sup>813</sup> Biden-Harris Administration, NOAA propose \$575 million to increase coastal climate resilience, National Oceanic and Atmospheric Administration (Washington D.C.) 26 July 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/noaa-ira-crrc-awards-2024>

<sup>814</sup> Joint Statement on the Brazil Fazenda – U.S. Treasury Climate Partnership, U.S. Department of the Treasury (Washington D.C.) 26 July 2024. Access Date: 26 October 2024. <https://home.treasury.gov/news/press-releases/jy2496>

<sup>815</sup> Interior Department Announces \$20 Million from President's Investing in America Agenda to Bolster Climate Resilience in Hawai'i, U.S. Department of the Interior (Washington D.C.) 29 July 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/interior-department-announces-20-million-presidents-investing-america-agenda-bolster>

<sup>816</sup> Biden-Harris Administration Invests Up to \$400 Million to Address Drought, Conserve Water through Production of Water-Saving Commodities, U.S. Department of Agriculture (Washington D.C.) 1 August 2024. Access Date: 26 October 2024. <https://www.usda.gov/media/press-releases/2024/08/01/biden-harris-administration-invests-400-million-address-drought>

<sup>817</sup> NOAA to make \$1.5 million available to tribes for regional ocean partnerships, National Oceanic and Atmospheric Administration (Washington D.C.) 1 August 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/noaa-to-make-15-million-available-to-tribes-for-regional-ocean-partnerships>

<sup>818</sup> Biden-Harris Administration, NOAA to provide \$600,000 for citizen science, National Oceanic and Atmospheric Administration (Washington D.C.) 5 August 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/biden-harris-administration-noaa-to-provide-600000-for-citizen-science>

<sup>819</sup> Biden-Harris Administration Delivers \$105 Million from Investing in America Agenda for Water Conservation and Efficiency Projects, U.S. Department of the Interior (Washington D.C.) 5 August 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-delivers-105-million-investing-america-agenda-water>

projects are anticipated to save more than 111,000 acres of water annually, bolstering climate resilience in affected areas.

On 6 August 2024, the Climate Smart Communities Initiative announced the first round of awards, amounting to over USD1 million to 11 communities, to support their climate resilience efforts.<sup>820</sup> Projects matched climate adaptation experts with local officials and community representatives in areas with relatively high climate risk to implement a climate resilience plan.

On 6 August 2024, the Department of Energy (DOE) announced an investment of USD2.2 billion into the US power grid for eight projects within 18 states that protect the grid against the threat of extreme weather events, increase affordability for communities and increase grid capacity.<sup>821</sup>

On 14 August 2024, the Department of Commerce and NOAA announced USD200,000 in funding to support extreme heat preparedness and response planning for communities.<sup>822</sup> These funds will be allocated to up to 10 communities to develop situation manuals, allowing them to run simulated emergency drills known as heat tabletop exercises.

On 14 August 2024, Special Representative for Global Partnerships Dorothy McAuliffe, Ambassador to Jamaica N. Nick Perry, USAID Country Representative Jaidev Singh and the Branson Centre of Entrepreneurship launched a Coalition for Climate Entrepreneurship in Kingston, Jamaica.<sup>823</sup> The coalition will support over 130 climate entrepreneurs across at least 15 countries throughout the Caribbean in their work on climate resilience, climate-smart agriculture and climate finance, building on the U.S.-Caribbean Partnership to Address the Climate Crisis 2030.

On 14 August 2024, the National Integrated Heat Health Information System announced a National Heat Strategy for 2024-2030.<sup>824</sup> This strategy will address the effects of extreme heat on humans, animals and ecosystems, alongside economic and social consequences, through proactive heat planning, response and resilience.

On 15 August 2024, the DOE announced USD10 million in funding for Climate Resilience Centers in 10 states.<sup>825</sup> These centers empower university-led research teams to predict weather hazard risks to better prepare local communities for increasing extreme weather events.

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<sup>820</sup> Climate Smart Communities Initiative announces support for first 11 communities working to accelerate climate resilience, Climate Program Office (Silver Spring) 6 August 2024. Access Date: 28 October 2024. <https://cpo.noaa.gov/climate-smart-communities-initiative-announces-support-for-first-11-communities-working-to-accelerate-climate-resilience/>

<sup>821</sup> Biden-Harris Administration Invests \$2.2 Billion in the Nation's Grid to Protect Against Extreme Weather, Lower Costs, and Prepare For Growing Demand, U.S. Department of Energy (Raleigh) 6 August 2024. Access Date: 26 October 2024. <https://www.energy.gov/articles/biden-harris-administration-invests-22-billion-nations-grid-protect-against-extreme>

<sup>822</sup> Biden-Harris Administration, NOAA issue National Heat Strategy, provide \$200K for extreme heat preparedness, National Oceanic and Atmospheric Administration (Washington D.C.) 14 August 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/biden-harris-administration-noaa-issue-national-heat-strategy-provide-200k-for-extreme-heat>

<sup>823</sup> Special Representative for Global Partnerships Dorothy McAuliffe, U.S. Ambassador to Jamaica N. Nick Perry, and USAID Country Representative Dr. Jaidev Singh Launch Coalition for Climate Entrepreneurship (CCE) Hub in Kingston, Jamaica, U.S. Department of State (Kingston) 14 August 2024. Access Date: 26 October 2024. <https://www.state.gov/special-representative-for-global-partnerships-dorothy-mcauliffe-and-u-s-ambassador-to-jamaica-n-nick-perry-launch-coalition-for-climate-entrepreneurship-cce-hub-in-kingston-jamaica/>

<sup>824</sup> Biden-Harris Administration Unveils National Heat Strategy to Protect Community Health from Extreme Heat, U.S. Department of Health and Human Services (Washington D.C.) 14 August 2024. Access Date: 26 October 2024. <https://www.hhs.gov/about/news/2024/08/14/biden-harris-administration-unveils-national-heat-strategy-protect-community-health-extreme-heat.html>

<sup>825</sup> DOE Announces \$10 Million to Support Climate Resilience Centers Across America, U.S. Department of Energy (Washington D.C.) 15 August 2024. Access Date: 26 October 2024. <https://www.energy.gov/articles/doe-announces-10-million-support-climate-resilience-centers-across-america>

On 20 August 2024, the EPA announced USD25.5 million in grants to support sixteen small, vulnerable communities in adapting drinking water infrastructure to mitigate the impacts of climate change related events including flooding, earthquakes, drought and blizzards.<sup>826</sup>

On 21 August 2024, the DOE announced USD53.6 million for 14 states and territorial weatherization offices to provide low-income households with energy saving measures for their homes.<sup>827</sup> This will help disadvantaged communities make their homes more sustainable and resilient to the impacts of climate change.

On 21 August 2024, the EPA awarded over USD7.3 million in grants in California to support drinking water systems in four disadvantaged communities vulnerable to the effects of climate change.<sup>828</sup> These grants will help improve water security, in response to drought, wildfires and other impacts of climate change.

On 22 August 2024, the NOAA recommended USD45 million in funding to support 27 new Coastal Habitat Restoration and Resilience Grants for Tribes and Underserved Communities.<sup>829</sup> This funding will empower tribes and underserved communities to restore coastal ecosystems and improve their resilience to climate change.

On 27 August 2024, the Biden-Harris administration announced the commitments made in the 53rd Pacific Islands Forum Leaders Forum held in Tonga, strengthening the U.S.-Pacific Islands Partnership.<sup>830</sup> Key commitments towards climate resilience include an investment of an additional USD20 million towards the Pacific Resilience Facility, USD2.65 million for the Tuvalu Coastal Adaptation Project, two new climate finance activities, Climate Ready 2.0 and an effort through the USAID Climate Finance Development Accelerator, strengthened disaster preparedness and support for climate-smart agriculture throughout the Pacific.

On 27 August 2024, the DOE announced over USD240 million in funding for nineteen state and local governments to adopt the latest energy efficient and innovative building codes.<sup>831</sup> Improved building energy codes aim to increase the resilience of the electric grid, especially during extreme weather events accelerated by climate change.

On 28 August 2024, the United States, Australia, New Zealand and the Pacific Community announced the planned expansion of the Vision for Adapted Crops and Soils movement to the Pacific Islands.<sup>832</sup> This includes

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<sup>826</sup> EPA Awards \$25.5M in New Grants to Combat Impact of Climate Change on Drinking Water Infrastructure, U.S. Environmental Protection Agency (Lenexa) 20 August 2024. <https://www.epa.gov/newsreleases/epa-awards-255m-new-grants-combat-impact-climate-change-drinking-water-infrastructure>

<sup>827</sup> Biden-Harris Administration Announces \$53.6 Million to Expand Weatherization Assistance Program and Lower Costs for More American Households, U.S. Department of Energy (Washington D.C.) 21 August 2024. Access Date: 26 October 2024.

<https://www.energy.gov/articles/biden-harris-administration-announces-536-million-expand-weatherization-assistance-program>

<sup>828</sup> EPA Awarding \$7.3 Million in California to Combat Impacts of Climate Change on Drinking Water Infrastructure, U.S.

Environmental Protection Agency (San Francisco) 21 August 2024. Access Date: 26 October 2024.

<https://www.epa.gov/newsreleases/epa-awarding-73-million-california-combat-impacts-climate-change-drinking-water>

<sup>829</sup> NOAA proposes \$45 million for coastal habitat restoration and resilience projects for tribes and underserved communities as part of Biden-Harris Administration's Investing in America agenda, National Oceanic and Atmospheric Administration (Washington D.C.) 22 August 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news/noaa-proposes-45-million-for-coastal-habitat-restoration-and-resilience-projects>

<sup>830</sup> FACT SHEET: Following Through on the U.S.-Pacific Islands Partnership 53rd Pacific Islands Forum (PIF) Leaders Meeting in

Nuku'Alofa, Tonga August 26-30, 2024, The White House (Washington D.C.) 27 August 2024. Access Date: 28 October 2024.

<https://www.whitehouse.gov/briefing-room/statements-releases/2024/08/27/fact-sheet-following-through-on-the-u-s-pacific-islands-partnership-53rd-pacific-islands-forum-pif-leaders-meeting-in-nukualofa-tonga-august-26-30-2024/>

<sup>831</sup> Biden-Harris Administration Announces Over \$240 Million for New and Innovative Building Codes to Save Consumers Money, Reduce Impacts of Climate Change, U.S. Department of Energy (Washington D.C.) 27 August 2024. Access Date: 26 October 2024.

<https://www.energy.gov/articles/biden-harris-administration-announces-over-240-million-new-and-innovative-building-codes>

<sup>832</sup> Vision for Adapted Crops and Soils Expands to the Pacific Islands Region, U.S. Department of State (Washington D.C.) 28

August 2024. Access Date: 26 October 2024. <https://www.state.gov/vision-for-adapted-crops-and-soils-expands-to-the-pacific-islands-region/>

an investment of USD2.6 million from the United States and Australia in funding and complementary agricultural investments by New Zealand. These investments will be used to improve the climate resiliency of the region's agricultural and food systems.

On 29 August 2024, the Department of the Interior announced the availability of over USD55 million for projects supporting water management flexibility and reliability across western states.<sup>833</sup> This will help communities develop new infrastructure and technology to address water scarcity challenges and improve drought resilience.

On 5 September 2024, the DOE announced an investment of USD430 million for 293 hydroelectric improvement projects across 33 states to upgrade hydropower facilities.<sup>834</sup> This will improve dam safety and strengthen existing infrastructure against extreme weather events, increasing climate resilience.

On 6 September 2024, the Department of the Interior announced the availability of up to USD43.5 million for small water storage projects that will improve water security for communities in western states.<sup>835</sup> Improved forms of storage for surface water and groundwater will increase water management flexibility, allowing for greater climate resilience.

On 10 September 2024, Acting Deputy Secretary of the Interior Laura Daniel-David announced USD236 million in funding to support wildland fire management across the country.<sup>836</sup> The funding will reduce risk from wildfires, improve wildland firefighter training, expand rehabilitation of burned areas and advance wildfire science.

On 10 September 2024, Secretary Vilsack announced an investment of USD100 million in 21 new projects to expand the USDA Forest Service's Wildfire Crisis Strategy, minimizing the threat of wildfire in high-risk areas.<sup>837</sup> These projects will improve forest health and minimize wildfire risk in collaboration with local Tribes, communities and partners.

On 11 September 2024, the EPA announced the launch of the Climate Resilience and Adaptation Funding Toolbox, a website helping federal funding applicants and recipients to develop and implement climate-resilient investments.<sup>838</sup> The website provides support for federal funding applicants and recipients in navigating EPA's funding opportunities, centering climate resilience and adaptation in investments and engaging communities.

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<sup>833</sup> Biden-Harris Administration Provides \$55 Million from the President's Investing in America Agenda to Strengthen Drought Resilience, U.S. Department of the Interior (Washington D.C.) 29 August 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/biden-harris-administration-provides-55-million-presidents-investing-america-agenda>

<sup>834</sup> Biden-Harris Administration Invests \$430 Million to Upgrade America's Hydropower Infrastructure, U.S. Department of Energy (Washington D.C.) 5 September 2024. Access Date: 26 October 2024. <https://www.energy.gov/articles/biden-harris-administration-invests-430-million-upgrade-americas-hydropower-infrastructure>

<sup>835</sup> Biden-Harris Administration Makes Up to \$43.5 Million Available for Water Storage Projects in the West Through Investing in America Agenda, U.S. Department of the Interior (Washington D.C.) 6 September 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/biden-harris-administration-makes-435-million-available-water-storage-projects-west>

<sup>836</sup> Acting Deputy Secretary Daniel-Davis Announces \$236 Million from President Biden's Investing in America Agenda for Wildfire Resilience and Recovery, U.S. Department of the Interior (Tucson) 10 September 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/acting-deputy-secretary-daniel-davis-announces-236-million-president-bidens-investing>

<sup>837</sup> Biden-Harris Administration Invests \$100 Million to Expand Work to Confront the Wildfire Crisis as part of Investing in America Agenda, U.S. Department of Agriculture (Washington D.C.) 10 September 2024. Access Date: 26 October 2024.

<https://www.usda.gov/media/press-releases/2024/09/10/biden-harris-administration-invests-100-million-expand-work>

<sup>838</sup> EPA Launches New Website to Support the Development of Climate-Resilient Projects, U.S. Environmental Protection Agency (Washington D.C.) 11 September 2024. Access Date: 26 October 2024. <https://www.epa.gov/newsreleases/epa-launches-new-website-support-development-climate-resilient-projects>

On 14 September 2024, the Biden-Harris administration released outcomes of the first-ever White House Summit on Extreme Heat, gathering over 100 participants from across the country and government.<sup>839</sup> National Climate Advisor Ali Zaidi, at the Summit, announced a new Extreme Heat Call to Action, calling for state, local, Tribal and Territorial governments to use their resources to protect people from extreme heat in the coming year. The White House also announced the publication of a Draft Community Heat Action Checklist to support local governments in improving adaptation to extreme heat.

On 18 September 2024, the White House launched the US Strategy on Global Development, aiming to sustain development progress around the world.<sup>840</sup> The Strategy includes five objectives which, among many sub-objectives, involve reducing poverty through investing in climate resilient infrastructure, decarbonizing the economy and increasing climate resilience.

On 19 September 2024, the Department of the Interior announced nearly USD1.3 million in awards in the Slip-on Tanker pilot programme designed to support local governments' wildfire response.<sup>841</sup> This programme converts vehicles into wildland fire engines, helping small, remote emergency response agencies that are facing intensifying wildfires and drought.

On 19 September 2024, the NOAA and the Climate Mayors, a network of mayors advocating for climate action, announced a memorandum of understanding that will allow cities across the nation to respond to the impacts of climate change.<sup>842</sup> The NOAA is set to provide regional and local climate information to support communities when faced with climate-related events, while Climate Mayors aim to use these resources to improve climate resilience in their communities.

On 20 September 2024, the Department of Commerce and NOAA announced USD1.1 million in funding for flood and ice-jam management in Alaska, involving satellite-based monitoring.<sup>843</sup> The improvement of flood monitoring will address Alaska's vulnerability to floods caused by increasing climate disasters.

On 20 September 2024, Senior Advisor to the President for International Climate Policy John Podesta and Assistant to the President for National Security Affairs Jake Sullivan announced the new US Framework for Climate Resilience and Security.<sup>844</sup> This new framework recommends three actions to protect US national security, economic and strategic interests in the face of climate hazards: assessing climate-related threats and opportunities, partnering for an integrated approach and investing in collective resilience. These efforts towards climate change adaptation will transform climate vulnerabilities into new opportunities.

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<sup>839</sup> Readout of First-Ever White House Summit on Extreme Heat, The White House (Washington D.C.) 14 September 2024. Access Date: 28 October 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/09/14/readout-of-first-ever-white-house-summit-on-extreme-heat/>

<sup>840</sup> FACT SHEET: Biden-Harris Administration Releases U.S. Strategy on Global Development, The White House (Washington D.C.) 18 September 2024. Access Date: 28 October 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/09/18/fact-sheet-biden-harris-administration-releases-u-s-strategy-on-global-development/>

<sup>841</sup> Biden-Harris Administration Awards Nearly \$1.3 Million Through Slip-on Tanker Pilot Program to Strengthen Local Governments' Wildfire Response, U.S. Department of the Interior (Washington D.C.) 19 September 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-awards-nearly-13-million-through-slip-tanker-pilot>

<sup>842</sup> NOAA, Climate Mayors join forces to advance climate resilience, National Oceanic and Atmospheric Administration (Washington D.C.) 19 September 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/noaa-climate-mayors-join-forces-to-advance-climate-resilience>

<sup>843</sup> Biden-Harris Administration, NOAA invest \$1.1 million to improve satellite-based flood monitoring in Alaska, National Oceanic and Atmospheric Administration (Washington D.C.) 20 September 2024. Access Date: 28 October 2024. <https://www.noaa.gov/news-release/biden-harris-administration-noaa-invest-11-million-to-improve-satellite-based-flood-monitoring>

<sup>844</sup> A U.S. Framework for Climate Resilience and Security, The White House (Washington D.C.) 20 September 2024. Access Date: 28 October 2024. <https://www.whitehouse.gov/briefing-room/press-briefings/2024/09/20/a-u-s-framework-for-climate-resilience-and-security/>

On 23 September 2024, the Department of the Interior announced an investment of over USD24 million to support 50 ecosystem restoration projects throughout the United States that improve climate resiliency of national communities and ecosystems threatened by climate change.<sup>845</sup>

On 24 September 2024, the Department of Interior announced a nearly USD92 million investment for 19 projects focused on aquatic ecosystem restoration.<sup>846</sup> Improving aquatic ecosystems can help mitigate impacts of drought and improve climate resiliency.

On 24 September 2024, the United States and the European Union co-hosted an event in the 79th United Nations General Assembly on the future of humanitarian aid in the context of increasing impacts of climate change.<sup>847</sup> Here, the United States formally joined the Humanitarian Aid Donors' Declaration on Climate and Environment, which details how donors may support humanitarian actors to operate in a climate-resilient and environmentally sustainable fashion.

On 24 September 2024, Department of State Under Secretary for Economic Growth, Energy and Environment Jose W. Fernandez announced USD5 million in food security assistance to enhance sustainable agricultural practices in Guatemala.<sup>848</sup> This project will implement innovative agricultural practices and technologies, strengthening soil health and increasing crop diversity to bolster resilience to the impacts of climate change.

On 25 September 2024, Bureau of Reclamation Commissioner Camille Calimlim Touton signed five water conservation agreements with the Imperial Irrigation District, Bard Water District, Metropolitan Water District and Gila River Indian Community.<sup>849</sup> These agreements will enhance the resilience of the Colorado River System to drought and climate change.

On 25 September 2024, the Biden-Harris Administration announced new investments to restore and conserve freshwater resources and improve climate resilience across the nation.<sup>850</sup> The package includes investments to further long-term Colorado River Basin resilience, reconnect waterways and restore aquatic ecosystems and collaborate with stakeholders to protect freshwater systems aimed at adapting to water-related impacts of climate change.

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<sup>845</sup> Biden-Harris Administration Announces More Than \$24 Million from Investing in America Agenda to Restore Our Nation's Lands and Waters, U.S. Department of the Interior (Washington D.C.) 23 September 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/biden-harris-administration-announces-more-24-million-investing-america-agenda>

<sup>846</sup> Biden-Harris Administration Announces \$92 Million from the President's Investing in America Agenda to Restore and Protect Rivers and Other Aquatic Habitats, U.S. Department of the Interior (Washington D.C.) 24 September 2024. Access Date: 26 October 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-announces-92-million-presidents-investing-america-agenda>

<sup>847</sup> United States Co-hosts UNGA Side Event on Making Humanitarian Assistance More Resilient to Climate Impacts, Joins Donor Declaration, U.S. Department of State (New York City) 24 September 2024. Access Date: 26 October 2024.

<https://www.state.gov/united-states-co-hosts-unga-side-event-on-making-humanitarian-assistance-more-resilient-to-climate-impacts-joins-donor-declaration/>

<sup>848</sup> Guatemala: \$5 Million in Food Security Assistance through the Vision for Adapted Crops and Soils, U.S. Department of State (Washington D.C.) 24 September 2024. Access Date: 26 October 2024. <https://www.state.gov/guatemala-5-million-in-food-security-assistance-through-the-vision-for-adapted-crops-and-soils/>

<sup>849</sup> Biden-Harris Administration Marks Major Progress for Colorado River System Health, Signs Five New Water Conservation Agreements, U.S. Department of the Interior (Washington D.C.) 25 September 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/biden-harris-administration-marks-major-progress-colorado-river-system-health-signs>

<sup>850</sup> FACT SHEET: Biden-Harris Administration Announces New Investments to Protect Freshwater Resources, Enhance Drought and Climate Resilience, The White House (Washington D.C.) 25 September 2024. Access Date: 28 October 2024.

<https://www.whitehouse.gov/briefing-room/statements-releases/2024/09/25/fact-sheet-biden-%E2%81%A0harris-administration-announces-new-investments-to-protect-freshwater-resources-enhance-drought-and-climate-resilience/>

On 25 September 2024, the National Oceanic and Atmospheric Administration expanded their experimental Floor Inundation Mapping to cover 30 percent of the US population.<sup>851</sup> The expansion will help weather forecasters issue more accurate and rapid flood watches and warnings, improving extreme weather forecasting.

On 27 September 2024, the Ocean Foundation, in partnership with the NOAA Climate Program Office's Adaptation Sciences programme, the National Marine Protected Areas Center, the Local2030 Islands Network and the U.S. Department of State, announced it would grant USD118,266 through the Regenerative Tourism Catalyst Grant Program to eight regenerative tourism initiatives on island nations.<sup>852</sup> The grants will support island nations in developing regenerative tourism projects that build climate resilience and advance island adaptation efforts.

On 30 September 2024, the Department of State announced the "The Climate Crisis: Working Together for Future Generations" International Visitor Leadership Program initiative, bringing together over 80 climate experts and advocates across 60 countries.<sup>853</sup> From 30 September to 19 October, participants are expected to discuss strategies to address climate resilience and clean energy, strengthening land and ocean stewardship and innovative climate solutions.

On 2 October 2024, the Department of Commerce and NOAA announced USD22.78 million in funding for NOAA labs, programmes, cooperative institutes and other research partners to address water-driven climate impacts.<sup>854</sup> Their research includes coastal and inland flood and inundation mapping and modern water modelling activities and will be used to develop adaptation strategies.

On 8 October 2024, Secretary Raimondo announced USD15.3 million in funding for NOAA to produce transparent climate projections for the public.<sup>855</sup> These projections inform infrastructure development, energy systems development and financial decisions in the face of increasing extreme weather.

On 16 October 2024, the US International Development Finance Corporation (DFC) provided USD1 billion to El Salvador as part of a debt-for nature swap with USD350 million in environmental adaptation spending including biodiversity restoration, water access enhancement and regenerative agriculture.<sup>856</sup>

On 18 October 2024, Secretary of Energy Jennifer M. Granholm announced nearly USD2 billion for 38 projects that will protect the US power grid from extreme weather events caused by climate change, while increasing affordability for communities and increasing grid capacity.<sup>857</sup>

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<sup>851</sup> NOAA expands Flood Inundation Mapping to 30% of the U.S. population, National Weather Service (Silver Spring) 25 September 2024. Access Date: 26 October 2024. <https://www.weather.gov/news/242509-flood-inundation-map>

<sup>852</sup> Regenerative Tourism Catalyst Grant Program awards funding to eight island-led initiatives, Climate Program Office (Silver Spring) 27 September 2024. Access Date: 28 October 2024. <https://cpo.noaa.gov/regenerative-tourism-catalyst-grant-program-awards-funding-to-eight-island-led-initiatives/>

<sup>853</sup> Department of State Hosts International Climate Advocates for Exchange Program, U.S. Department of State (Washington D.C.) 30 September 2024. Access Date: 26 October 2024. <https://www.state.gov/department-of-state-hosts-international-climate-advocates-for-exchange-program/>

<sup>854</sup> Biden-Harris Administration, NOAA funds over \$22.78 M to advance research of water-related climate impacts, National Oceanic and Atmospheric Administration (Washington D.C.) 2 October 2024. Access Date: 26 October 2024. <https://www.noaa.gov/news-release/biden-harris-administration-noaa-funds-over-2278-m-to-advance-research>

<sup>855</sup> Biden-Harris Administration awards \$15.3 in million to improve climate projections of future extreme weather, Climate Program Office (Silver Spring) 8 October 2024. Access Date: 26 October 2024. <https://cpo.noaa.gov/biden-harris-administration-awards-15-3-in-million-to-improve-climate-projections-of-future-extreme-weather/>

<sup>856</sup> World's Largest Debt Conversion for Conservation of a River and its Watershed Completed in El Salvador, United States International Development Finance Corporation (San Salvador) 16 October 2024. Access Date: 7 January 2025. <https://www.dfc.gov/media/press-releases/worlds-largest-debt-conversion-conservation-river-and-its-watershed-completed>

<sup>857</sup> Biden-Harris Administration Announces Additional \$2 Billion to Protect the Grid Against Growing Threats of Extreme Weather, Expand Transmission, U.S. Department of Energy (Washington D.C.) 18 October 2024. Access Date: 26 October 2024. <https://www.energy.gov/articles/biden-harris-administration-announces-additional-2-billion-protect-grid-against-growing>

On 22 October 2024, Principal Deputy Assistant Secretary for Water and Science Michael Brain announced an investment of USD9 million in groundwater recharge, storage and recovery.<sup>858</sup> Improved water security will enhance Kansas communities' resilience to drought and the effects of climate change.

On 23 October 2024, the USDA announced USD1.5 billion for 92 conservation projects driving solutions to natural resource challenges on agricultural land due to climate change.<sup>859</sup> These projects include addressing water conservation in western states in the face of increased drought and wildlife habitat conservation and restoration in the context of drought, wildfire and climate uncertainty.

On 25 October 2024, Acting Deputy Secretary of the Interior Laura Daniel-Davis announced USD6.5 million in funding to improve wildland fire management in Colorado.<sup>860</sup> This funding will be used to reduce wildfire risk, increase wildland firefighter training, expand current efforts to rehabilitate burned areas and advance wildfire science.

On 25 October 2024, Secretary Granholm announced the distribution of USD473.6 million to 49 states, five territories, 254 Tribal Nations and the District of Columbia to modernize the electric grid.<sup>861</sup> The investments aim to protect America's power grid against wildfires, extreme weather events and other natural disasters incurred by climate change.

On 25 October 2024, the EPA announced over USD1 million in awards to advance climate resilience in disadvantaged communities through the Southeast New England Program Opportunity to Advance Resilience Fund.<sup>862</sup> These awards will be distributed to four community-driven projects across Rhode Island and Southeast Massachusetts. Adaptation projects include sea-level rise relocation plans.

On 25 October 2024, the EPA announced USD2.8 million in funding for the Small Business Innovation Research programme, allowing seven small businesses to develop and commercialize their environmental technologies.<sup>863</sup> These projects address issues such as wildfire management, wildfire air filtering, and disaster response.

On 29 October 2024, the Department of the Interior announced an investment of over USD375 million for 36 projects that conserve wildlife habitat, increase recreational opportunities, reduce hazardous fuels and

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<sup>858</sup> Biden-Harris Administration Announces \$9 Million from President Biden's Investing in America Agenda for Drought Mitigation in Kansas, U.S. Department of the Interior (Wichita) 22 October 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/biden-harris-administration-announces-9-million-president-bidens-investing-america>

<sup>859</sup> USDA Invests \$1.5 Billion in 92 Partnership Projects to Advance Conservation and Climate-Smart Agriculture as Part of the Biden-Harris Investing in America Agenda, U.S. Department of Agriculture (Washington D.C.) 23 October 2024. Access Date: 26 October 2024. <https://www.usda.gov/media/press-releases/2024/10/23/usda-invests-15-billion-92-partnership-projects-advance>

<sup>860</sup> Acting Deputy Secretary Daniel-Davis Visits Colorado and Nevada to Highlight Investments through the President's Investing in America Agenda, U.S. Department of the Interior (Denver) 25 October 2024. Access Date: 26 October 2024.

<https://www.doi.gov/pressreleases/acting-deputy-secretary-daniel-davis-visits-colorado-and-nevada-highlight-investments>

<sup>861</sup> Biden-Harris Administration Delivers Nearly \$474 Million in New Grid Resilience Funding to States and Tribes as Part of Investing in America Agenda, U.S. Department of Energy (Washington D.C.) 25 October 2024. Access Date: 26 October 2024.

<https://www.energy.gov/articles/biden-harris-administration-delivers-nearly-474-million-new-grid-resilience-funding-states>

<sup>862</sup> EPA announces over \$1 million in new awards to advance climate resilience in disadvantaged communities across Rhode Island and Southeast Massachusetts, U.S. Environmental Protection Agency (Providence) 25 October 2024. Access Date: 1 November 2024. <https://www.epa.gov/newsreleases/epa-announces-over-1-million-new-awards-advance-climate-resilience-disadvantaged>

<sup>863</sup> EPA Awards \$2.8 Million to Small Businesses for Developing Environmental Technologies, U.S. Environmental Protection Agency (Washington D.C.) 25 October 2024. Access Date: 1 November 2024. <https://www.epa.gov/newsreleases/epa-awards-28-million-small-businesses-developing-environmental-technologies>



prevent wildfires in Nevada and California.<sup>864</sup> This funding will allow federal, local and educational entities to increase climate resilience with an emphasis on wildfire management.

On 30 October 2024, the Department of the Interior announced an investment of nearly USD46 million for ecosystem restoration of the Klamath Basin through southern Oregon and northern California.<sup>865</sup> This investment will allow for more resilient agriculture and greater drought resilience.

On 1 November 2024, the Center for Collaborative Heat Monitoring opened applications for communities to monitor and evaluate factors influencing heat risk, granting USD10,000 to support their efforts.<sup>866</sup> This programme will empower communities to improve adaptation to extreme heat through informed decision-making, advocacy, education and the implementation of local cooling solutions.

On 8 November 2024, the Climate Program Office opened a call for proposals for the implementation of the NOAA's Tropical Pacific Observing System Equatorial Pacific Experiment.<sup>867</sup> This action will foster a greater understanding of tropical Pacific variability and improve disaster preparedness in the context of increased climate-related disasters.<sup>868</sup>

On 11 November 2024, the United States provided a USD1 billion guarantee to the African Development Bank (AfDB) alongside a USD600 million guarantee from Japan to enable an additional USD7.2 billion in climate finance.<sup>869</sup>

On 12 November 2024, the Biden-Harris Administration announced a slate of climate funding actions including USD7.25 million for the Enterprises for Development, Growth and Empowerment Fund to support natural climate solutions, USD27.7 million for the Columbia Invest for Climate activity, allocating funds to climate-smart businesses, USD6.1 million to the Partnerships for Green Investment initiative, which aims to reduce emissions, bolster climate resilience and protect biodiversity across Southeast Asia, nearly USD500,000 through the NOAA and Department of State to expand technical support for the Local2030 Islands Network, composed of Small Island Developing States, and USD9.3 million through USAID to bolster climate finance for African agriculture and food systems.<sup>870</sup> The Biden-Harris Administration also announced a USD1 billion guarantee for the Asian Development Bank's (ADB) Innovative Finance Facility for Climate in Asia and the Pacific to sponsor projects aimed at addressing climate change adaptation and mitigation. This US guarantee will allow a further USD4.5 billion in new lending from the ADB. In addition, the US aims to access to climate information for developing countries through the President's Emergency Plan for Adaptation and Resilience. New efforts include the new SERVIR Central America Hub, set to launch in December, to increase climate

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<sup>864</sup> Interior Department Announces \$375 Million for Recreation and Restoration Projects in Nevada and California, U.S.

Department of the Interior (Washington D.C.) 29 October 2024. Access Date: 1 November 2024.

<https://www.doi.gov/pressreleases/interior-department-announces-375-million-recreation-and-restoration-projects-nevada>

<sup>865</sup> Interior Department Delivers \$46 Million for Klamath Basin Restoration as Part of the President's Investing in America Agenda, U.S. Department of the Interior (Klamath Falls) 30 October 2024. Access Date: 1 November 2024.

<https://www.doi.gov/pressreleases/interior-department-delivers-46-million-klamath-basin-restoration-part-presidents>

<sup>866</sup> Applications now open nationwide for community-led heat-monitoring campaigns, Climate Program Office (Silver Spring). 1 November 2024. Access Date: 1 November 2024. <https://cpo.noaa.gov/applications-now-open-nationwide-for-community-led-heat-monitoring-campaigns/>

<sup>867</sup> NOAA scientists host collaborative pre-proposal planning meetings for the Climate Variability and Predictability Program's FY25 Notice of Funding Opportunity, Climate Program Office (Silver Spring) 8 November 2024. Access Date: 1 December 2024.

<https://cpo.noaa.gov/noaa-scientists-host-collaborative-pre-proposal-planning-meetings-for-the-climate-variability-and-predictability-programs-fy25-notice-of-funding-opportunity/>

<sup>868</sup> Tropical Pacific Observing System (TPOS) Equatorial Pacific Experiment (TEPEX), Climate Program Office (Silver Spring) n.d. Access Date: 1 December 2024. <https://cpo.noaa.gov/tropical-pacific-observing-system-tpos-equatorial-pacific-experiment-tepex/>

<sup>869</sup> Exclusive: ADB increases climate finance after US, Japan give world's first sovereign guarantees, Reuters (Baku) 11 November 2024.

<sup>870</sup> FACT SHEET: Biden-Harris Administration Leverages Historic U.S. Climate Leadership at Home and Abroad to Urge Countries to Accelerate Global Climate Action at the 29th U.N. Climate Change Conference (COP29), The White House (Washington D.C.) 12 November 2024. Access Date: 1 December 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/11/12/fact-sheet-biden-%E2%81%A0harris-a>

resilience for over 50 million people in vulnerable communities, USD4.7 million for early warning capabilities in Pacific Islands and the launch of the Global Sea Level Explorer, a platform to inform decision-making, resource management and emergency operations for coastal countries.

On 12 November 2024, the U.S. Trade and Development Agency announced a grant to Côte d'Ivoire's Ministry of Finance for a feasibility study for Côte d'Ivoire Energies to develop a power grid emergency control system, to ensure reliable energy in the country.<sup>871</sup> This system will help mitigate and prevent blackouts in the face of extreme weather events or climate disruptions, improving the power grid's resilience to climate change.<sup>872</sup>

On 13 November 2024, the Subnational Climate Action Leaders' Exchange partnership announced the Zero Emissions and Resilient Buildings Accelerator, an initiative to increase climate resilience and reduce greenhouse gas emissions in the buildings sector.<sup>873</sup> Organizations, including the DOE's Lawrence Berkeley National Laboratory, the State Department, C40 Cities and subnational jurisdictions such as Maryland and Washington, have announced that they will collaborate to implement policies for climate resilience in the building sector to climate risks such as severe storms, heat stress, flooding and fires.

On 18 November 2024, the Department of the Interior announced USD125 million for five projects in California and Utah related to large-scale water recycling.<sup>874</sup> These programmes will help create new sources of water and allow communities to develop drought resilience.

On 19 November 2024, the EPA announced USD800,000 in funding for two small Southern California businesses, Water Illumination, Inc. and Holochip Corporation, to develop environmental technologies that address wildfires, recycling, food waste and disaster response.<sup>875</sup> Holochip Corporation is developing an AI-powered mobile app for emergency responders that creates 3D indoor maps for disaster response, including climate-related disasters.

On 20 November 2024, the Department of the Interior released five proposed alternatives to address the critical condition of the Colorado River.<sup>876</sup> These alternatives represent the next step to allow communities reliant on the Colorado River system for their water supply to adapt to the region's megadrought, fueled by climate change.

On 21 November 2024, Acting Deputy Secretary Daniel-Davis of the U.S. Department of the Interior participated in meetings advocating for international coalitions to enhance adaptation at COP29.<sup>877</sup> Acting

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<sup>871</sup> USTDA, Côte d'Ivoire Partner on Grid Strengthening, U.S. Trade and Development Agency (Arlington) 12 November 2024.

Access Date: 1 December 2024. <https://www.ustda.gov/ustda-cote-divoire-partner-on-grid-strengthening/>

<sup>872</sup> FACT SHEET: Biden-Harris Administration Leverages Historic U.S. Climate Leadership at Home and Abroad to Urge Countries to Accelerate Global Climate Action at the 29th U.N. Climate Change Conference (COP29), The White House (Washington D.C.) 12 November 2024. Access Date: 1 December 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/11/12/fact-sheet-biden-%E2%81%A0harris-administration-leverages-historic-u-s-climate-leadership-at-home-and-abroad-to-urge-countries-to-accelerate-global-climate-action-at-the-29th-u-n-climate-change-con/>

<sup>873</sup> Zero Emissions and Resilient Buildings (ZERB) Accelerator Launched at COP 29, U.S. Department of State (Baku) 13 November 2024. Access Date: 1 December 2024. <https://www.state.gov/zero-emissions-and-resilient-buildings-zerb-accelerator-launched-at-cop-29/>

<sup>874</sup> Biden-Harris Administration Announces \$125 Million Investment for Large-Scale Water Recycling Projects, U.S. Department of the Interior (Washington D.C.) 18 November 2024. Access Date: 1 December 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-announces-125-million-investment-large-scale-water>

<sup>875</sup> EPA Awards \$800,000 to SoCal Small Businesses to Advance Innovative Environmental Technologies, U.S. Environmental Protection Agency (Los Angeles) 19 November 2024. Access Date: 1 December 2024. <https://www.epa.gov/newsreleases/epa-awards-800000-socal-small-businesses-advance-innovative-environmental-technologies>

<sup>876</sup> Biden-Harris Administration Puts Colorado River on Path to Success, U.S. Department of the Interior (Washington D.C.) 20 November 2024. Access Date: 1 December 2024. <https://www.doi.gov/pressreleases/biden-harris-administration-puts-colorado-river-path-success>

<sup>877</sup> Acting Deputy Secretary Daniel-Davis Focuses on Bolstering Climate Resilience, Strengthening International Partnerships at COP29, U.S. Department of the Interior (Baku) 21 November 2024. Access Date: 1 December 2024. <https://www.doi.gov/pressreleases/acting-deputy-secretary-daniel-davis-focuses-bolstering-climate-resilience>

Deputy Secretary Daniel-Davis further emphasized the importance of adaptation to water-related climate crises, including drought and flooding, met with officials from the Republic of Uzbekistan to discuss cooperation on climate adaptation through various scientific projects and met with leaders of the Asian Development Bank, discussing climate resilience for migratory bird wetland habitats throughout the Asia-Pacific region.

On 21 November 2024, Secretary Haaland and Assistant Secretary for Insular and International Affairs Carmen G. Cantor finished their visit to Columbia, where they emphasized the conservation of biodiversity, wildlife trafficking and the role of Indigenous communities.<sup>878</sup> Secretary Haaland also discussed shared priorities of climate resilience, economic opportunity and access to nature for Indigenous communities in meetings with Colombian Indigenous leaders and Afro-Columbian Indigenous youth.

On 21 November 2024, the EPA announced over USD20 million for New Mexico to upgrade its water infrastructure.<sup>879</sup> This funding will allow communities to protect critical water infrastructure systems, address local water quality concerns and increase climate resilience.

On 21 November 2024, the EPA announced over USD26 million in funding for Arkansas to improve its water infrastructure and protect its communities.<sup>880</sup> The funding will permit communities to address critical water infrastructure systems, water quality concerns and increase climate resilience.

On 21 November 2024, the EPA announced over USD32 million for Oklahoma to upgrade its water infrastructure.<sup>881</sup> The investment will address local challenges, including the protection of critical water infrastructure systems, water quality concerns and climate resilience.

On 21 November 2024, the EPA announced over USD40 million would be spent upgrading Louisiana's water infrastructure.<sup>882</sup> This funding will allow communities to protect critical water infrastructure systems, address water quality concerns and increase climate resilience.

On 21 November 2024, the EPA announced over USD184 million for Texas to improve its water infrastructure and protect communities.<sup>883</sup> This funding will allow communities to have access to clean water by protecting critical water infrastructure systems, addressing water quality concerns and increasing climate resilience.

On 22 November 2024, Secretary Vilsack announced the three Congressionally authorized Indian Irrigation Projects through the U.S. Department of Agriculture's Water-Saving Commodities programme, to support

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<sup>878</sup> Secretary Haaland, Assistant Secretary Cantor Travel to Colombia to Highlight Collaborative Efforts to Conserve Biodiversity, Empower Indigenous Communities, U.S. Department of the Interior (Bogotá) 21 November 2024. Access Date: 1 December 2024. <https://www.doi.gov/pressreleases/secretary-haaland-assistant-secretary-cantor-travel-colombia-highlight-collaborative>

<sup>879</sup> Biden-Harris Administration Announces Over \$20 Million in New Mexico Through Investing in America Agenda, U.S. Environmental Protection Agency (Dallas) 21 November 2024. Access Date: 1 December 2024. <https://www.epa.gov/newsreleases/biden-harris-administration-announces-over-20-million-new-mexico-through-investing>

<sup>880</sup> Biden-Harris Administration Announces Over \$26 Million in Arkansas Through Investing in America Agenda, U.S. Environmental Protection Agency (Dallas) 21 November 2024. Access Date: 1 December 2024.

<https://www.epa.gov/newsreleases/biden-harris-administration-announces-over-26-million-arkansas-through-investing>

<sup>881</sup> Biden-Harris Administration Announces Over \$32 Million in Oklahoma Through Investing in America Agenda, U.S. Environmental Protection Agency (Dallas) 21 November 2024. Access Date: 1 December 2024.

<https://www.epa.gov/newsreleases/biden-harris-administration-announces-over-32-million-oklahoma-through-investing>

<sup>882</sup> Biden-Harris Administration Announces Over \$40 Million in Louisiana Through Investing in America Agenda, U.S. Environmental Protection Agency (Dallas) 21 November 2024. Access Date: 1 December 2024.

<https://www.epa.gov/newsreleases/biden-harris-administration-announces-over-40-million-louisiana-through-investing>

<sup>883</sup> Biden-Harris Administration Announces Over \$184 Million in Texas Through Investing in America Agenda, U.S. Environmental Protection Agency (Dallas) 21 November 2024. Access Date: 1 December 2024. <https://www.epa.gov/newsreleases/biden-harris-administration-announces-over-184-million-texas-through-investing-america>

acequias in southwestern states.<sup>884</sup> This programme aims to implement water-saving strategies across western states to adapt to worsening drought caused by climate change.

On 22 November 2024, USAID announced USD11.8 million for the Climate Smart and Disaster Ready programme across West Africa, Central America, Southeast Asia, South Asia and the Pacific Islands. These funds will support young people in the Pacific Islands in reducing disaster risk and further climate adaptation in their communities.<sup>885</sup>

On 24 November 2024, the parties to the 29th Conference of the Parties to the United Nations Framework Convention on Climate Change set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>886</sup>

On 17 December 2024, the DFC provided USD1 billion as part of a debt conversion agreement with Ecuador that aims to finance USD460 million for conservation and resilience in the Amazon.<sup>887</sup>

The United States has partially complied with its commitment to scale up action and finance for climate adaptation as called for in the Glasgow Climate Pact. The United States has shown extensive financial support for domestic initiatives targeting water security, extreme heat and natural disasters and internationally, investing in climate resilience across countries including several Pacific Islands, Guatemala, Jamaica, El Salvador, Ecuador and Zambia as well as providing a sovereign guarantee to the AfDB. However, it has failed to demonstrate an increase in its levels of international adaptation finance from the year prior in line with its commitment to scale up finance.<sup>888</sup>

Thus, the United States receives a score of 0.

*Analyst: Elizabeth Riddolls*

### **European Union: 0**

The European Union has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact.

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<sup>884</sup> USDA Announces Investments for Tribal Communities and Acequias and Finalizes Agreements with Irrigation Districts to Produce Water-Saving Commodities, U.S. Department of Agriculture (Washington D.C.) 22 November 2024. Access Date: 1 December 2024. <https://www.usda.gov/media/press-releases/2024/11/22/usda-announces-investments-tribal-communities-and-acequias-and>

<sup>885</sup> FACT SHEET: Biden-Harris Administration Leverages Historic U.S. Climate Leadership at Home and Abroad to Urge Countries to Accelerate Global Climate Action at the 29th U.N. Climate Change Conference (COP29), The White House (Washington D.C.) 12 November 2024. Access Date: 1 December 2024. <https://www.whitehouse.gov/briefing-room/statements-releases/2024/11/12/fact-sheet-biden-%E2%81%A0harris-administration-leverages-historic-u-s-climate-leadership-at-home-and-abroad-to-urge-countries-to-accelerate-global-climate-action-at-the-29th-u-n-climate-change-con/>

<sup>886</sup> COP29- La France regrette un accord global manquant d'ambition, Ministère Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>887</sup> DFC Announces \$1 Billion in Political Risk Insurance for Ecuador's First Debt Conversion to Support Terrestrial and Freshwater Conservation in the Amazon, United States International Development Finance Corporation (Quito) 17 December 2024. Access Date: 7 January 2025. <https://www.dfc.gov/media/press-releases/dfc-announces-1-billion-political-risk-insurance-ecuadors-first-debt>

<sup>888</sup> COP 29 Update: U.S. International Public Climate Finance, United States Department of State (Washington D.C.) 18 November 2024. Access Date: 7 January 2025. <https://www.state.gov/cop-29-update-u-s-international-public-climate-finance/>

On 18 June 2024, Commissioner for Agriculture and Food Janusz Wojciechowski addressed the Committee of the Regions at the opening plenary session to debate the Common Agricultural Policy.<sup>889</sup> Wojciechowski expressed verbal support for increased climate adaptation policies, listing risk management systems and agricultural reserves as crucial to environmentally conscious farming.

On 19 June 2024, the EU Commission released its 2025 EU budget, with EUR2.4 billion set aside for the environment and climate action.<sup>890</sup> The budget allocates EUR771 million towards the LIFE programme to support climate change adaptation and mitigation.

On 20 June 2024, the European Investment Bank (EIB) approved a EUR12.8 billion budget to support funding European sustainability and climate adaptation projects.<sup>891</sup> The funding includes support for natural disaster preparedness against floods and landslides in Italy.

On 24 June 2024, the Council of the European Union endorsed the selection of priorities for the European Union for advancement during the 79th session of the United Nations General Assembly.<sup>892</sup> Priorities emphasizing climate adaptation include the upscaling of sustainable development and financing for development.

On 25 June 2024, the European Commission announced the debut of the Climate City Capital Hub to provide adaptation and mitigation financing to EU cities.<sup>893</sup>

On 5 July 2024, the EIB partnered with authorities in Athens to help the city make decisions to construct more climate adaptive water systems.<sup>894</sup> This consultancy follows a EUR2 Billion investment over ten years to improve the water supply of Athens.

On 14 July 2024, Commissioner for Crisis Management Janez Lenarčič attended the EU Day for the Victims of the Global Climate Crisis.<sup>895</sup> Lenarčič gave a speech reaffirming the EU's commitment to strengthen actions relating to climate adaptation.

On 31 July 2024, the European Investment Bank provided a portion of the USD200 million raised by the Helios Climate, Energy Access, and Resilience Fund to provide cross-cutting climate finance.<sup>896</sup>

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<sup>889</sup> Opening speech by Mr Janusz Wojciechowski at plenary debate on the future of the CAP, organised by the European Committee of the Regions, European Commission (Brussels) 18 June 2024. Access Date: 29 October 2024.

[https://ec.europa.eu/commission/presscorner/detail/en/speech\\_24\\_3388](https://ec.europa.eu/commission/presscorner/detail/en/speech_24_3388)

<sup>890</sup> EU Budget 2025 aims to reinforce funding for Europe's priorities, European Commission (Brussels) 19 June 2024. Access Date: 28 September 2024. [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_24\\_3247](https://ec.europa.eu/commission/presscorner/detail/en/ip_24_3247)

<sup>891</sup> EIB Board of Directors approves €12.8 billion new financing for transport, energy and business investment, European Investment Bank (Luxembourg) 20 June 2024. Access Date: 28 September 2024. <https://www.eib.org/en/press/all/2024-212-eib-board-of-directors-approves-eur12-8-billion-new-financing-for-transport-energy-and-business-investment>

<sup>892</sup> 79th UN General Assembly: Council approves conclusions on EU priorities, Council of the European Union (Brussels) 24 June 2024. Access Date: 30 October 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/06/24/79th-un-general-assembly-council-approves-conclusions-on-eu-priorities/>

<sup>893</sup> New finance hub to support ambitions of pioneering cities in climate mitigation and adaptation, European Commission (Brussels) 25 June 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_24\\_3482](https://ec.europa.eu/commission/presscorner/detail/en/ip_24_3482)

<sup>894</sup> Greek capital Athens to get more climate-resilient water network under EIB advisory agreement with EYDAP, European Investment Bank (Luxembourg) 5 July 2024. Access Date: 30 October 2024. <https://www.eib.org/en/press/all/2024-270-greek-capital-athens-to-get-more-climate-resilient-water-network-under-eib-advisory-agreement-with-eydap>

<sup>895</sup> Address by Commissioner Lenarčič at the EU Day for the Victims of the Global Climate Crisis, European Commission (Brussels) 14 July 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/speech\\_24\\_3828](https://ec.europa.eu/commission/presscorner/detail/en/speech_24_3828)

<sup>896</sup> UK backing enables new Africa-focused climate fund to achieve \$200 million first close, British International Investment (London) 31 July 2024. Access Date: 7 January 2025. <https://www.bii.co.uk/en/news-insight/news/uk-backing-enables-new-africa-focused-climate-fund-to-achieve-200-million-first-close/>

On 26 July 2024, the European Union and members of the Organization of African, Caribbean and Pacific States affirmed their shared commitment to work together on sustainable development and climate resilience.<sup>897</sup>

On 3 September 2024, the European Commission approved a preliminary assessment for EUR998.6 million grants for Greece, to aid the country in creating forest fire prevention systems and improved water management infrastructure.<sup>898</sup>

On 11 September 2024, the European Commission hosted a roundtable discussion regarding possible solutions to adapt to the rapidly increasing experienced effects of climate change in preparation for the European Climate Adaptation Plan.<sup>899</sup>

On 17 September 2024, Commissioner Lenarčič addressed the European Parliament. In response to flooding in Central and Eastern Europe, Commissioner Lenarčič emphasized the need for improvements in emergency flood and wildfire response systems.<sup>900</sup>

On 24 September 2024, European Commissioner Wopke Hoekstra addressed the United Nations General Assembly and expressed verbal support for increased climate adaptive actions to help communities adjust to rising sea levels.<sup>901</sup> Commissioner Hoekstra affirmed the need to create flood resistant infrastructure and evacuation procedures.

On 8 October 2024, the Council of the European Union endorsed the findings on climate finance in preparation for the United Nations framework convention on climate change including developed countries collective provision of EUR100 billion annually.<sup>902</sup>

On 14 October 2024, the Council of the European requested that the European Commission provide the EU with a comprehensive action plan to reduce desertification, land degradation and drought.<sup>903</sup> The Council called for reform of the financing strategy for land management and urged the Commission to pivot the agriculture and food sectors towards resilience and adaptation. Increased global collaboration to preserve biodiversity and aid other countries in becoming more resilient to climate change was also a topic broached by the Council.

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<sup>897</sup> Joint press release - European Union and the Organisation of African, Caribbean and Pacific States join forces to implement outcomes of the 4th International Conference on Small Island Developing States, Council of the European Union (Brussels) 26 July 2024. Access Date: 30 October 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/07/26/joint-press-release-european-union-and-the-organisation-of-african-caribbean-and-pacific-states-join-forces-to-implement-outcomes-of-the-4th-international-conference-on-small-island-developing-states/>

<sup>898</sup> Commission endorses preliminary assessment of Greece's fourth payment request for €998.6 million in grants under the Recovery and Resilience Facility, European Commission (Brussels) 3 September 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_24\\_4522](https://ec.europa.eu/commission/presscorner/detail/en/ip_24_4522)

<sup>899</sup> How to protect people and prosperity: European roundtable on managing climate risks, European Commission (Brussels) 11 September 2024. Access Date: 29 October 2024. [https://climate.ec.europa.eu/news-your-voice/news/how-protect-people-and-prosperity-european-roundtable-managing-climate-risks-2024-09-18\\_en](https://climate.ec.europa.eu/news-your-voice/news/how-protect-people-and-prosperity-european-roundtable-managing-climate-risks-2024-09-18_en)

<sup>900</sup> Address by Commissioner Lenarčič to the European Parliament on the devastating floods in Central and Eastern Europe, European Commission (Brussels) 17 September 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/speech\\_24\\_4743](https://ec.europa.eu/commission/presscorner/detail/en/speech_24_4743)

<sup>901</sup> Statement by Commissioner Hoekstra at the UNGA High-level meeting on Sea Level Rise, European Commission (New York) 24 September 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/speech\\_24\\_4871](https://ec.europa.eu/commission/presscorner/detail/en/speech_24_4871)

<sup>902</sup> Climate finance: Council approves conclusions ahead of COP29, Council of the European Union (Brussels) 8 October 2024. Access Date: 30 October 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/10/08/climate-finance-council-approves-conclusions-ahead-of-cop29/>

<sup>903</sup> Combating desertification in the EU: Council urges action for a sustainable future, Council of the European Union (Brussels) 14 October 2024. Access Date: 30 October 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/10/14/combating-desertification-in-the-eu-council-urges-action-for-a-sustainable-future/>

On 21 October 2024, the European Commission allocated EUR380 million to projects headed by the LIFE Programme for environment and climate action.<sup>904</sup> Approximately EUR62 million is designated for climate mitigation and adaptation.

On 28 October 2024, the EIB Group President Nadia Calvino and the President of the Government of Catalonia, Salvador Illa met to discuss the funding of a water infrastructure project in Barcelona.<sup>905</sup> The proposed project would help to protect the region's water supply in the face of droughts.

On 1 November 2024, President of the European Council Charles Michel delivered a speech at the World Trade Organization (WTO) Presidential Lecture.<sup>906</sup> Michel expressed verbal support for increasing the strength of multilateral development banks and advocated for the reform of multilateral institutions, including the WTO. Reforms would increase inclusivity and equity in financing developing countries. President Michel emphasized the effects of climate change that are here to stay, such as wildfires, typhoons, and floods.

On 12 November 2024, European Investment Bank President Nadia Calvino issued a joint statement alongside other Multilateral Development Banks (MDBs) at the 29th Conference of the Parties (COP29) to the United Nations Framework Convention on Climate Change in Baku.<sup>907</sup> Calvino embraced the need for MDB reform, and the statement underscored the need to upscale financing for adaptation. MDB goals include dedicating USD42 billion for climate adaptation financing by 2030.

On 12 November 2024, the Council of the European Union approved a proposal put forth by Hungarian Minister for Agriculture Istvan Nagy to allow member states to utilize leftover funding from the 2014-2020 European Agricultural Fund for Rural Development to repair damage to farms and forests caused by natural disasters exacerbated by climate change.<sup>908</sup>

On 24 November 2024, the parties to COP29 set a New Collective Quantified Goal to increase global climate financing for developing countries to USD1.3 trillion per year from all sources including USD300 billion with public financing.<sup>909</sup>

On 25 November 2024, the EIB approved the first payment of a EUR1 billion loan to Italy to repair regions hit by earthquakes and landslides in 2022 and 2017.<sup>910</sup> The first payment of EUR150 million will be used to rebuild and improve infrastructure resilience and adaptation capacities in the affected regions.

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<sup>904</sup> EU invests over €380 million in 133 new LIFE projects to support the green transition all around Europe, European Commission (Brussels) 20 October 2024. Access Date: 29 October 2024. [https://ec.europa.eu/commission/presscorner/detail/en/ip\\_24\\_5381](https://ec.europa.eu/commission/presscorner/detail/en/ip_24_5381)

<sup>905</sup> Spain: EIB and Government of Catalonia expand cooperation to improve water infrastructure, European Investment Bank (Luxembourg) 28 October 2024. Access Date: 30 October 2024. <https://www.eib.org/en/press/all/2024-400-el-bei-y-la-generalitat-de-cataluna-refuerzan-su-colaboracion-para-mejorar-las-infraestructuras-de-agua>

<sup>906</sup> 'Rebuilding trust, boosting trade and transforming our multilateral institutions' – speech by Charles Michel, President of the European Council, at WTO Presidential Lecture, European Council (Brussels) 1 November 2024. Access Date: 1 November 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/11/01/rebuilding-trust-boosting-trade-and-transforming-our-multilateral-institutions-speech-by-charles-michel-president-of-the-european-council-at-wto-presidential-lecture/>

<sup>907</sup> Multilateral Development Banks to Boost Climate Finance, European Investment Bank (Luxembourg) 12 November 2024. Access Date: 3 December 2024. <https://www.eib.org/en/press/all/2024-443-multilateral-development-banks-to-boost-climate-finance>

<sup>908</sup> Assistance to member states affected by natural disasters: Council gives go-ahead to proposal, Council of the European Union (Brussels) 12 November 2024. Access Date: 29 November 2024. <https://www.consilium.europa.eu/en/press/press-releases/2024/11/12/assistance-to-member-states-affected-by-natural-disasters-council-gives-go-ahead-to-proposal/>

<sup>909</sup> COP29- La France regrette un accord global manquant d'ambition, Ministères Territoires Écologie Logement (Paris) 25 November 2024. Translation provided by Google Translate. Access Date: 1 December 2024. <https://www.ecologie.gouv.fr/presse/cop29-france-regrette-accord-global-manquant-dambition>

<sup>910</sup> Italy: Ischia - EIB provides €1 billion for post-earthquake and landslide reconstruction, European Investment Bank (Luxembourg) 25 November 2024. Access Date: 3 December 2024. <https://www.eib.org/en/press/all/2024-469-ischia-dalla-bei-1-miliardo-di-euro-per-la-ricostruzione-post-sisma-e-frana>

On 29 November 2024, the EIB approved a EUR350 million loan to a bank in the Czech Republic. The funding will finance adaptive and mitigation initiatives in the country.<sup>911</sup>

The European Union has partially complied with its commitment to scale up action and support, including financing for climate adaptation as called for in the Glasgow Climate Pact. The European Union has improved climate resilience within its member states and extranational developing countries through international partnerships, including flood and wildlife management capabilities. However, the European Union has failed to increase its international adaptation finance from previous years in line with the goals of the Glasgow Pact and its commitment to scale up finance.<sup>912,913,914</sup>

Thus, the European Union receives a score of 0.

*Analyst: Amelia Dease*

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<sup>911</sup> Czech Republic: Businesses to get €350 million financing support with EIB loan to bank CSOB, European Investment Bank (Luxembourg) 29 November 2024. Access Date: 3 December 2024. <https://www.eib.org/en/press/all/2024-480-czech-businesses-to-get-eur350-million-financing-support-with-eib-loan-to-bank-csob>

<sup>912</sup> Council publishes 2023 international climate finance figures, Council of the European Union (Brussels) 5 November 2024. Access Date: 7 January 2025. <https://www.consilium.europa.eu/en/press/press-releases/2024/11/05/council-publishes-2023-international-climate-finance-figures/>

<sup>913</sup> Countries, Reportnet (Brussels) n.d. Access Date: 26 February 2025. <https://reportnet.europa.eu/public/countries>

<sup>914</sup> Note that the EU Institutions 2023 Adaptation Finance baseline for comparison is EUR1.5519 billion. This information can be verified by subtracting all individual EU member states' reporting on Reportnet (citation 913) for 2023 the EU+Member States figures from citation 912