

Climate Change Division

September 2025
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Climate Change Division

www.unep.org

Seed Capital Assistance Facility (SCAF) in Viet Nam/UNEP

Climate Change Division at a Glance

- The Climate Change Division supports countries to meet the **Paris Agreements** and implements **deep sectoral solutions** to address the climate crisis.
- Its work is guided by **ambition, innovation, credible science, and alignment to global climate goals** and **needs of individual countries**.
- Provides capacity building and technical support to governments to enhance their **policy and implementation capacity** and helps them **access finance**.

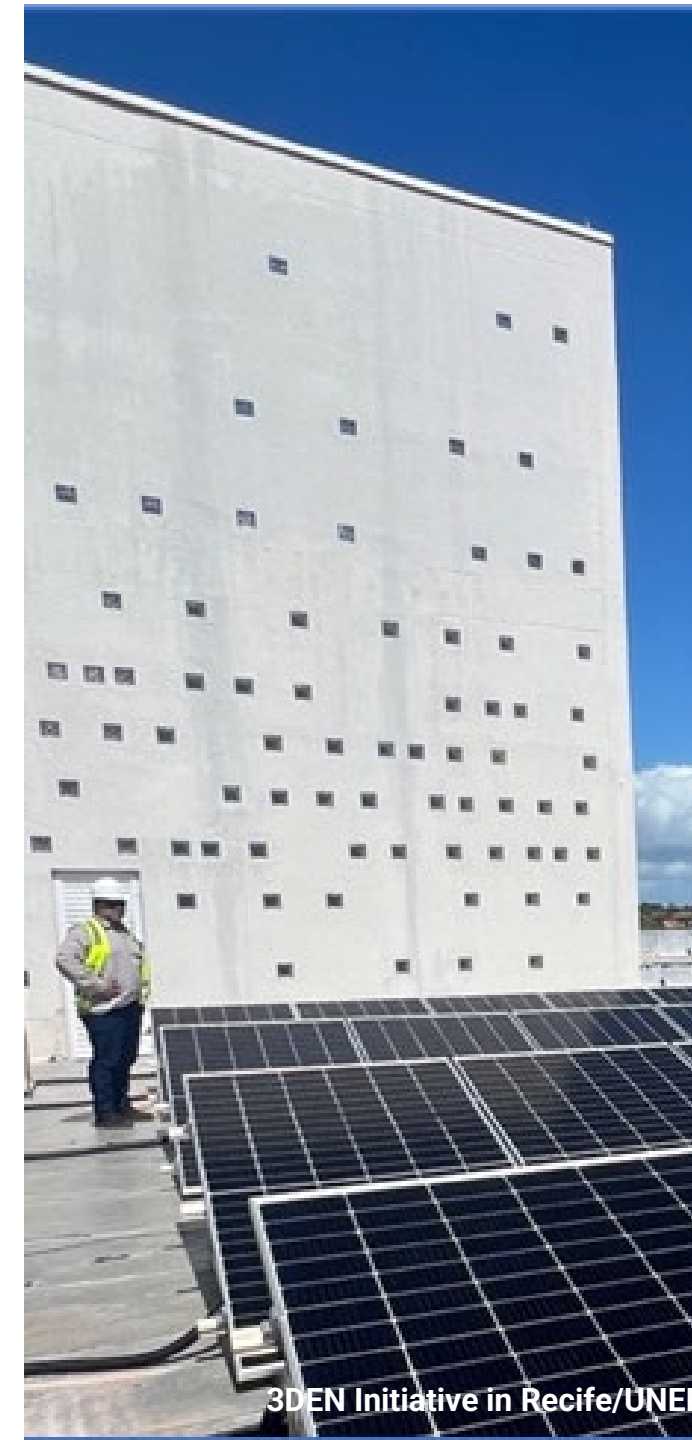
BY 2025

Countries and stakeholders have increased capacity, finance and access to technologies to deliver on the adaptation and mitigation goals of the Paris Agreement.

Countries and legal entities are increasingly adopting decarbonization, dematerialization and resilience pathways.

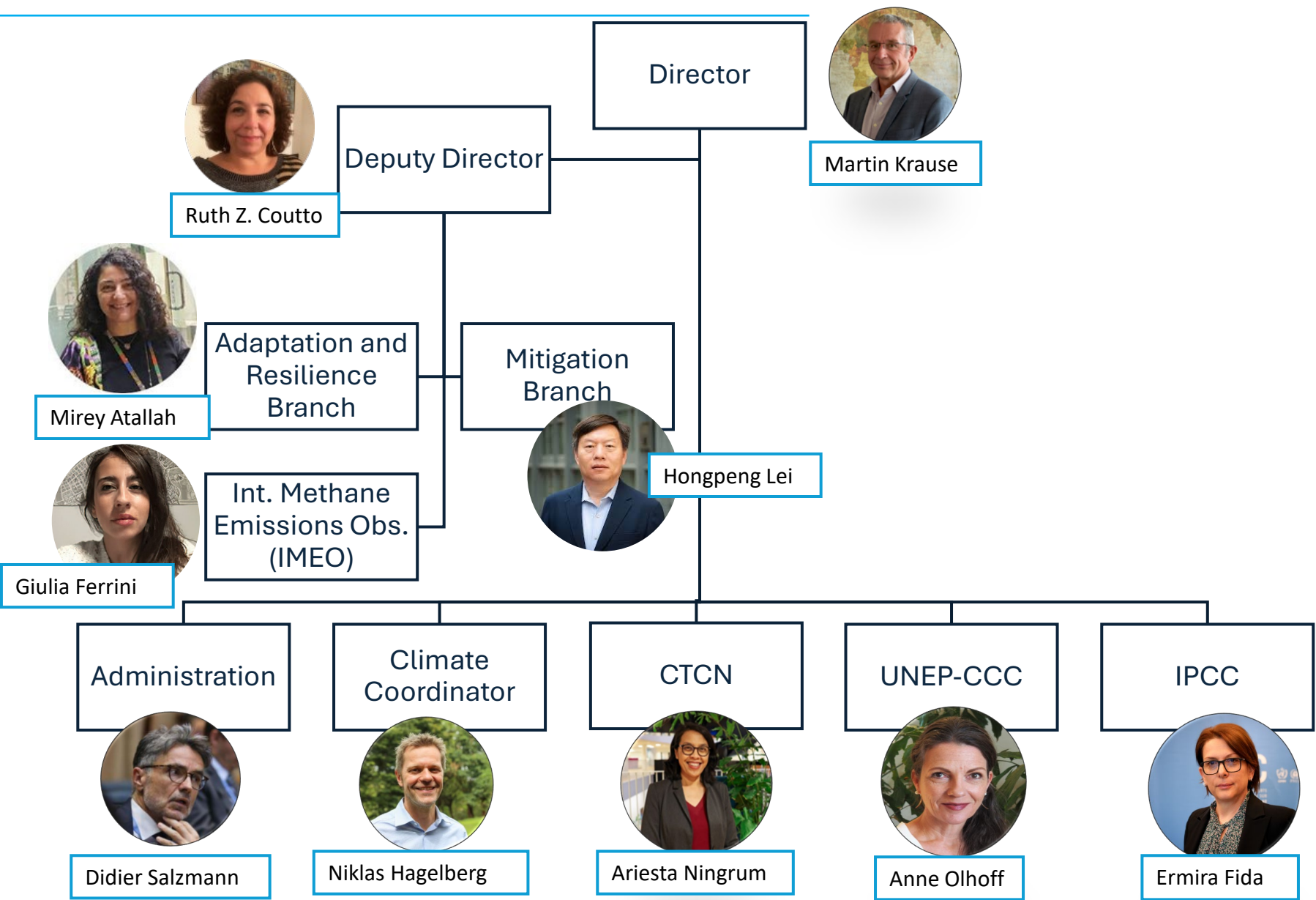
State and non-state actors have adopted the enhanced transparency framework arrangements under the Paris Agreement.

TOWARDS CLIMATE STABILITY



3DEN Initiative in Recife/UNE

Climate Change Division



Climate Finance in Cerrado, Brazil/UNEP

Climate Change Division

Adaptation and Resilience Branch

NAPs, GEF/GCF adaptation portfolio

Land-use finance

REDD and Art. 6

UN-REDD Secretariat

Early Warning

Mitigation Branch

NDCs, Transparency, energy efficiency

Cities, Buildings and Cooling

Energy finance

GEF/GCF mitigation portfolio

Cross Cutting

CTCN

UNEP CCC

Knowledge Products

Advocacy and Communication



Beekeeping in Rwanda/UNEP

Programme Coordination Projects (PCP)

Decarbonization

Reduce GHG emissions in line with the goals of the Paris Agreement.

Adaptation and resilience

Support countries and stakeholders in adaptation through more effective interactions between science, policy, finance, technology, and the economy.

Science and Transparency

Provide high quality environmental data and statistics, early warning systems as well as assessments and provide support in reporting to countries under the UNFCCC.



NDCs, NAPs, Transparency

- Support to +100 countries on the Enhanced Transparency Framework (including ~80 Biennial Transparency Reports).
- Host the Capacity Building Initiative for Transparency and the Global Support programme.
- Support to 29 countries on setting NAPs and 21 on NDCs (directly).
- NDC cooperation with the Climate Action Team, Division of Global Communication, UNDP (Climate Promise), UNFCCC and UN global NDC strategy
 - UNEP leads on analytics, advocacy, and communication.
- Implementation arm of UNFCCC Technology Mechanism (CTCN)

**EVERY
COUNTRY
NEEDS A
NATIONAL
CLIMATE
PLAN.**

**THE UN IS
HERE
TO HELP.**

GET INVOLVED



Partnerships, Pledges, Finance

- **Sectoral partnerships:** Global Alliance for Buildings and Construction, UN-REDD, Cool Coalition, United for Efficiency, etc.
- **Methane:** IMEO and MARS
- **Cooling:** Climate super-solution delivering on adaptation and mitigation
- **Implementation Finance:** Article 6, roadmap to NCQG, Global EBA Fund (with IUCN), Adaptation Fund Climate Innovation Accelerator (CTCN), Seed Capital Assistance Facility (SCAF)
- **Implementing partners:** UNSG's Early Warnings for All (EW4All) initiative
- **Co-founder:** Systematic Observations Financing Facility (SOFF) with WMO and UNDP



Evidence-based knowledge products: Emissions and Adaptation Gap Reports



- Independent, science-based assessments informing international climate change discussions and negotiations.
- Annual updates of discrepancies between current mitigation and adaptation action and ambition and the levels needed to get on track to achieving the Paris Agreement.



Evidence-based knowledge products

- Advancing NDC implementation: Insights from UNEP's NDC Action Project.
- NDCs cooling guide: Guidance for integrating the cooling sector into NDCs
- Sustainable Procurement Guidelines for Data Centres and Servers
- Global Status Report for Buildings and Construction 2024/2025
- State of Finance for Nature - Restoration Finance Report
- Decent Work in Nature-based Solutions 2024



¹⁷ The German funded NDC Action Project is a UNEP-led initiative that aims to incentivize action and increase ambition on climate change. Since 2020, UNEP has worked with partners and donors to support ten partner countries – Argentina, Bangladesh, Colombia, Costa Rica, Ghana, Jordan, Mongolia, Morocco, Uganda and Viet Nam – to deliver on their climate mitigation and adaptation promises made under the Paris Agreement (<https://www.unep.org/nap/>).

Intergovernmental Panel on Climate Change (IPCC)

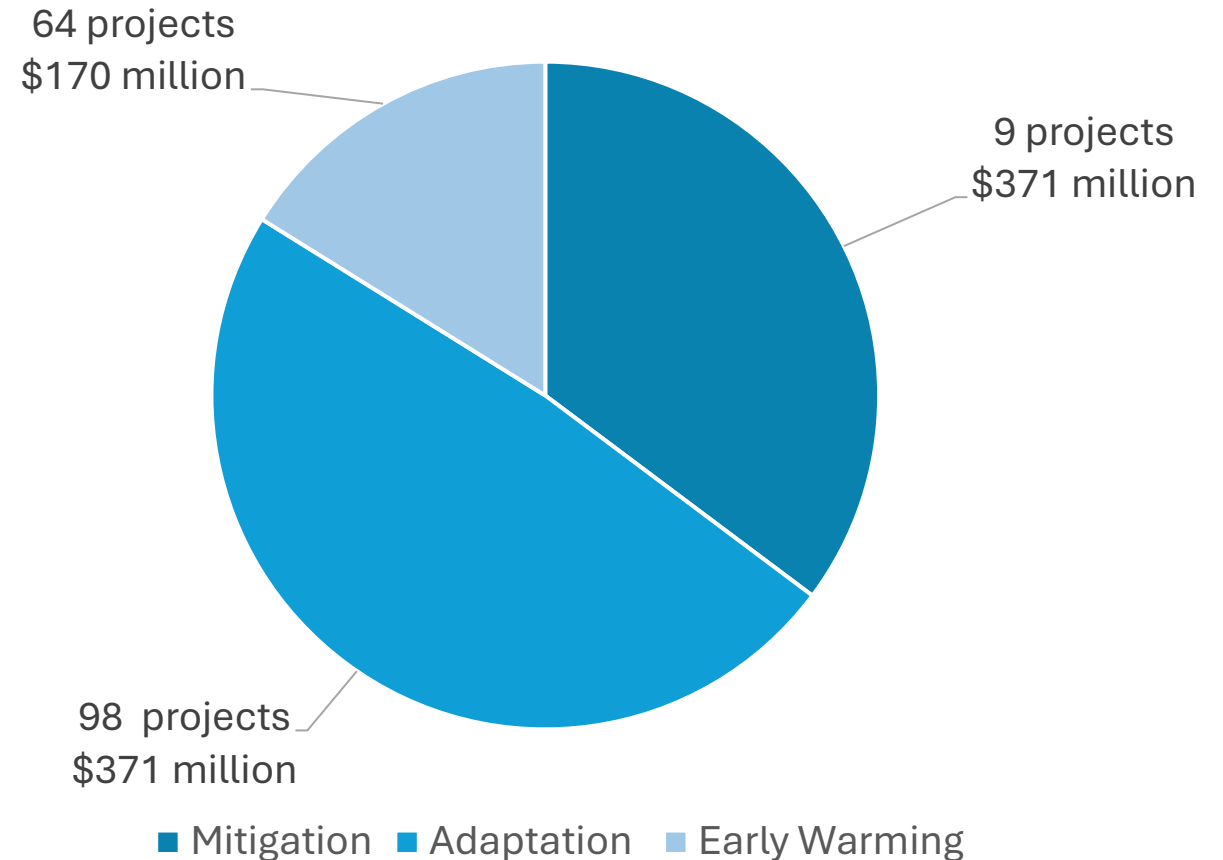
- Since 1998, UNEP co-hosts IPCC alongside WMO
- IPCC assesses the scientific basis of climate change
- During its 7th cycle, the Panel will produce the Reports: (1) Physical Science Basis; (2) Impacts, Adaptation and Vulnerability; (3) Mitigation of Climate Change
- UNEP makes an annual contribution to the IPCC Trust Fund and provides the post of Deputy Executive Secretary, along with other support to various processes.



Deep sectoral solutions

- Mitigation and Adaptation
- GEF, GCF, AF and Bilateral Funding
- 339 Projects, 1,4 billion USD in 160 countries

Vertical portfolio overview



Total portfolio value

Funding source	Focus area	Number of Projects	USD Million
Vertical Funds	Mitigation	98	371
	Adaptation	66	512
	Early Warming	9	170
Bilateral Funds	Mitigation	13	149
	Adaptation	14	135
CTCN		99	22
UNEP CCC		41	25
IMEO		1	66
Total		339	1,450



Social Housing GEF –Johannesburg, SA/UNEP

Illustrative example - Carbon Markets Cluster

Key Initiatives



Policy & Legal Frameworks: Integrated Assessment for Article Six' (IAA6) Approach & Carbon Market Law Initiative



Data & Tools: Article 6 Pipeline, Regional Carbon Markets Observatory (LAC)



Country Level Support: Supporting Preparedness for Article 6 Cooperation (SPAR6C), REDD+ Programme



Market Integrity: Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) & CCP Involvement, Communications & Advocacy (Net-zero deforestation focus)



Innovative Financing Models: Internally Transferred Mitigation Outcomes Issuance Guarantee Models



Sustainable Development Integration: SDI on Article 6

Illustrative example – Methane

- **UNEP's International Methane Emissions Observatory (IMEO)** enables methane action through credible data:



Methane Alert and Response Systems (MARS) notifies countries & companies



Oil and Gas Methane Partnership 2.0 engages **+153 oil & gas companies**, covering **42% of global production** to drive accountability and mitigation

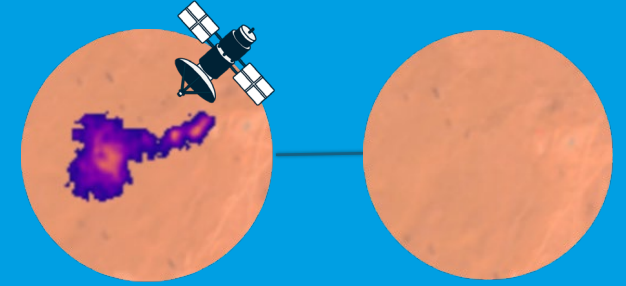


47 Methane Science Studies initiated **across 23 countries** & translated into policy relevant & publicly available [insights to enable action](#)

- [Eye on Methane Data Platform](#) brings together all IMEO data to deliver transparent & trusted methane insights to governments, civil society, media & industry.

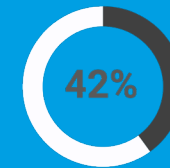


MARS Data-to-Action in Algeria



Equal to taking **500k** cars off the road

Corporate Accountability



>150

member companies

Representing over **42%** of global oil and gas production

Policy-Relevant Science

Over
47 studies

Across
23 countries

Illustrative example - Adaptation

- **Jordan launches a GCF US\$60 million initiative to adapt to climate change**
- **Boosting water security and climate resilience for 750,000 people.**
- **Increasing country's annual water supply by around 9 million cubic meters**



Illustrative example - Early Warning

Enhancing Climate Information and Knowledge Services for Resilience in 5 Island Countries of the Pacific Ocean

Cook
Islands

Marshall
Islands

Niue

Palau

Tuvalu

- 5 years, \$49.9 million
- Green Climate Fund (GCF)
- Climate and ocean monitoring and forecasting, targeting 80% of the population
- Tailored climate information products disseminated to key sectors.
- Mobile early warning applications piloted with local communities



Installation of a tide gauge in the Cook Islands

Illustrative example – Technology

- To improve flood preparedness, through a CTCN project Malawi introduced a low-cost system to collect and report river water levels using simple mobile technology.
- The data is analyzed by AI in real time to predict floods, enabling the government's disaster risk management teams to issue timely warnings and save lives.



Illustrative example – Cooling

- In line with Vietnam's 2050 climate-neutral goal, UNEP supports Urban Cooling Action Plans (UCAPs) to cut 560,000 tCO₂/year in Can Tho and Tam Ky.
- UCAPs provide actionable roadmaps that turn commitments into measurable urban action, aligning with the [GlobalCoolingPledge](#).



Thank you



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