

Decarbonization

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

A. Background: Programme Direction

Programme Objective:

- Enhanced effectiveness and impact of UNEP's support to **reduce emissions** of greenhouse gases in line with the goals of the **Paris Agreement** on Climate Change.

Programme Outputs (key areas of work):

- Scientific and economic information for **policy and investment decisions**.
- Capacity and access to **technology and finance**.
- NDCs incorporate **clean energy, resource efficiency, and circularity**.
- Public and private **investment aligned** with decarbonization goals.
- Engagement in **intergovernmental and interagency processes**.



Electric Mobility in Togo/UNEP

A. Background: Envisaged Impact and Strategic Coherence

Envisaged impact of programme:

- **Global Stocktake (GST)** implemented.
- High quality and ambitious **Nationally Determined Contributions (NDCs)**.
- **De-risking climate investments.**
- Mobilizing public and private sector investment.

Synergies with other programmes within MTS:

- Transparency.
- Finance.
- Adaptation & Resilience.
- Pollution.
- Early Warnings and Assessment.



Solar Energy in Panama/UNEP

A. Background: Contribution to the MTS and PoW

Contribution to MTS Outcomes:

- Decision makers at all levels adopt **decarbonization, dematerialization and resilience** pathways (1A).
- Enhanced assistance to **capacity building, technology, and finance** in support of the Paris Agreement (1B).

Contribution to PoW Direct Outcomes:

- Carbon neutrality and resilience are integrated into **climate planning and policy**/regulatory frameworks at all levels (1.2).
- **Sectoral partnerships** and access to **technologies** for decarbonization, dematerialization and resilience are enhanced (1.4).
- Private and public **financial flows** are **aligned** to the goals of the Paris Agreement (1.5).
- Public support and political **engagement for climate action** are catalyzed (1.7).
- Societal choices shift towards lower carbon products and services and **sustainable lifestyle** (1.8).



B. Project Portfolio: Overview

Portfolio size:
US\$ 382 million current portfolio.

Impact of the portfolio:
Supporting more than **90 countries** to transition to low-emission pathways, through a portfolio of global, regional and country projects.

Synergies:
Sustainable Development Goals on Climate Action, Responsible Consumption and Production, Affordable and Clean Energy and Sustainable Cities and Communities.



SCAF in Viet Nam/UNEP

B. Project Portfolio: Illustrative Examples

Global Electric Mobility Programme

- **2 new projects:** (1) GEF-8 Project and (2) Climate Works Foundation Project.
- Expansion to **50 countries**, with **US\$ 125 million technical assistance**.
- Launched new component on end-of-life electric vehicle battery management.

Digital Demand Driven Networks Initiative (3DEN) Phase II

- Italy, IEA, and UNEP launched **3DEN Phase I** at COP26 in 2021.
- **Phase II** launched in 2024, with **US\$ 5.5 million** for 3 years, with a focus on: (1) **Digitalization in agriculture** (2) **Urban energy systems**.
- Will extend focus to **Africa:** Ethiopia, Kenya, Morocco, Mozambique, South Africa and Tunisia.



B. Project Portfolio: Illustrative Examples

International Methane Emissions Observatory (IMEO)

- Notified **1684 major methane emissions events**, known as plumes, through the **IMEO Methane Alert and Response Systems (MARS)** in 2024.
- Launched updated version of **IMEO Methane Data Platform** at COP29.

Global Environment Fund (GEF)-funded projects

- UNEP GEF Unit got **22 mitigation projects approved** in 2024, mobilizing **US\$ 96.6 million**.
- Example: **Mexico Net-Zero Nature-Positive Accelerator project**, with **US\$ 12 million** of GEF grant, aiming to:
 - Develop a **long-term nature-positive whole-of-economy decarbonization plan**.
 - Promote decarbonization of Mexico's transport sector, with 3 city pilots on **public electric mobility**.



Methane Monitoring/UNEP

B. Results achieved

Nationally Determined Contributions (NDCs) 3.0 Fora:

- From August to October 2024, UNEP and partners held 6 NDC 3.0 Regional Fora across five regions.
- Gathered 800+ technical representatives from 140+ countries, resulting in: (1) regional peer learning (2) feeding lessons from previous NDCs into ambitious and implementable NDCs 3.0.

Progress achieved on Pledges:

- **Global Cooling Pledge:** Ministerial Meeting convened at COP29 and launch of the 2024 Progress Report.
- **Déclaration de Chaillot:** Ministerial Meeting convened at COP29 and inauguration of the Intergovernmental Council on Buildings and Climate, as implementing arm.
- **Global Methane Pledge:** Adoption of the COP29 Reducing Methane from Organic Waste Declaration.
- **Food Waste Breakthrough:** Initiated process to launch at COP30.



NDCs 3.0 Regional Forum for Asia/UNEP

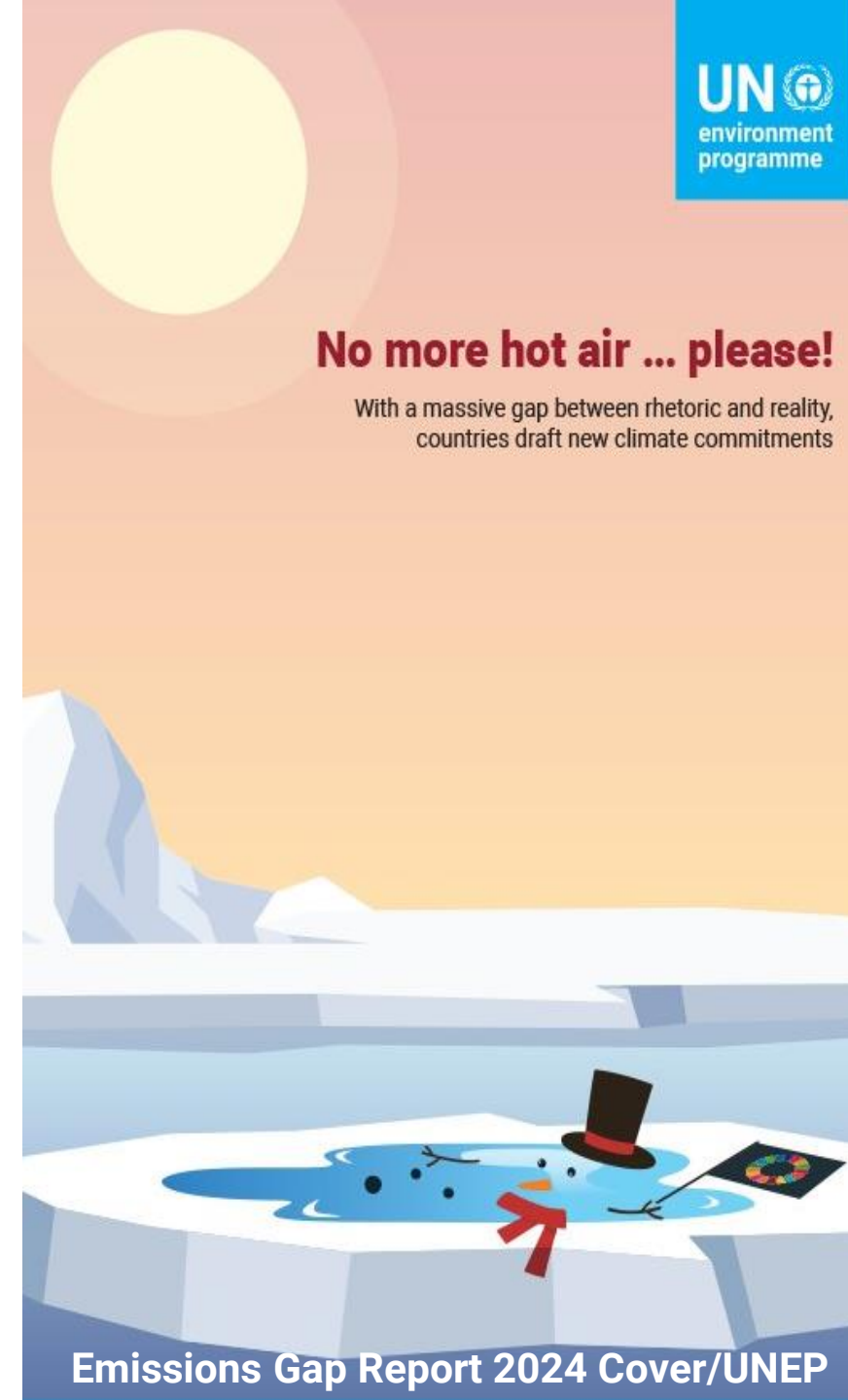
B. Results achieved

Climate Technology Centre and Network (CTCN)

- 2024 LAC Regional Forum on Artificial Intelligence.
- **3rd edition of the Green Technology Book**, with WIPO and the Egyptian Academy of Scientific Research and Technology (ARST), featuring over 200 innovative energy solutions.
- Co-developed a **GCF Project** for Kenya Commercial Bank initiative, aiming at supporting Small and Medium Enterprises in Kenya to adopt sound climate technologies.

Copenhagen Climate Centre (UNEP-CCC)

- **Emissions Gap Report 2024**, informing COP29 negotiations.
- Grew its portfolio of **Article 6** activities: **US\$ 20+ million** raised for 5 countries: Pakistan, Peru, Sri Lanka, Tanzania, Zambia.
- Support to **9 new countries** under the **Initiative for Climate Action Transparency**.
- **2024 Climate Technology Progress Report** on renewable energy technologies to inform NDCs/GST.



D. Lessons Learned

Lessons Learned:

- **Need for increased coordination** of UNEP's work on NDCs with the rest of the **UN system**.
- Improve integration of the **adaptation & resilience sector** in NDCs 3.0.
- Need for higher visibility of UNEP's **decarbonization portfolio in international processes (G7-G20, BRICS)**.

Changes Made:

- Strengthened partnership with UNDP Climate Promise, NDC Partnership and UNFCCC Secretariat on NDCs.
- **Integration of adaptation and mitigation win wins** leading to a new project *NDC Act & Invest*.
- **Early planning and increased coordination** within UNEP **G7/G20 teams** to influence agenda of the Energy Working Groups and decarbonization-related meetings.

**EVERY
COUNTRY
NEEDS A
NATIONAL
CLIMATE
PLAN.
THE UN IS
HERE
TO HELP.**

GET INVOLVED



E. Way Forward

A: Deliver on COP 28-29 commitments and UNEP-led Pledges in the walk up to **COP30**.

B: Support countries with **implementation** of their **NDCs 3.0** through joint UNEP offer, in coordination with the UN system.

C: Contribute to the **key priority areas of action of the G7 and the G20**, especially on decarbonization.

D: Ensure **alignment between the climate, biodiversity and pollution agendas** as part of UNEP's advocacy and policy efforts.

E: Promote **UNEP's work with Non-State Actors**, including with sub-national governments and philanthropies.



Inger Andersen at COP29/UNEP

Thank you

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