

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 **\$125M 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 **\$5.5M** for 3 years, with focus on: (1) **Digitalization in agriculture** (2) **Urban energy systems**
- Will extend focus to **Africa**: Tunisia, Morocco, Ethiopia, Mozambique, Kenya and South Africa



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 \$96.6M
- Example: **Mexico Net-Zero Nature-Positive Accelerator project**, with \$12M 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)

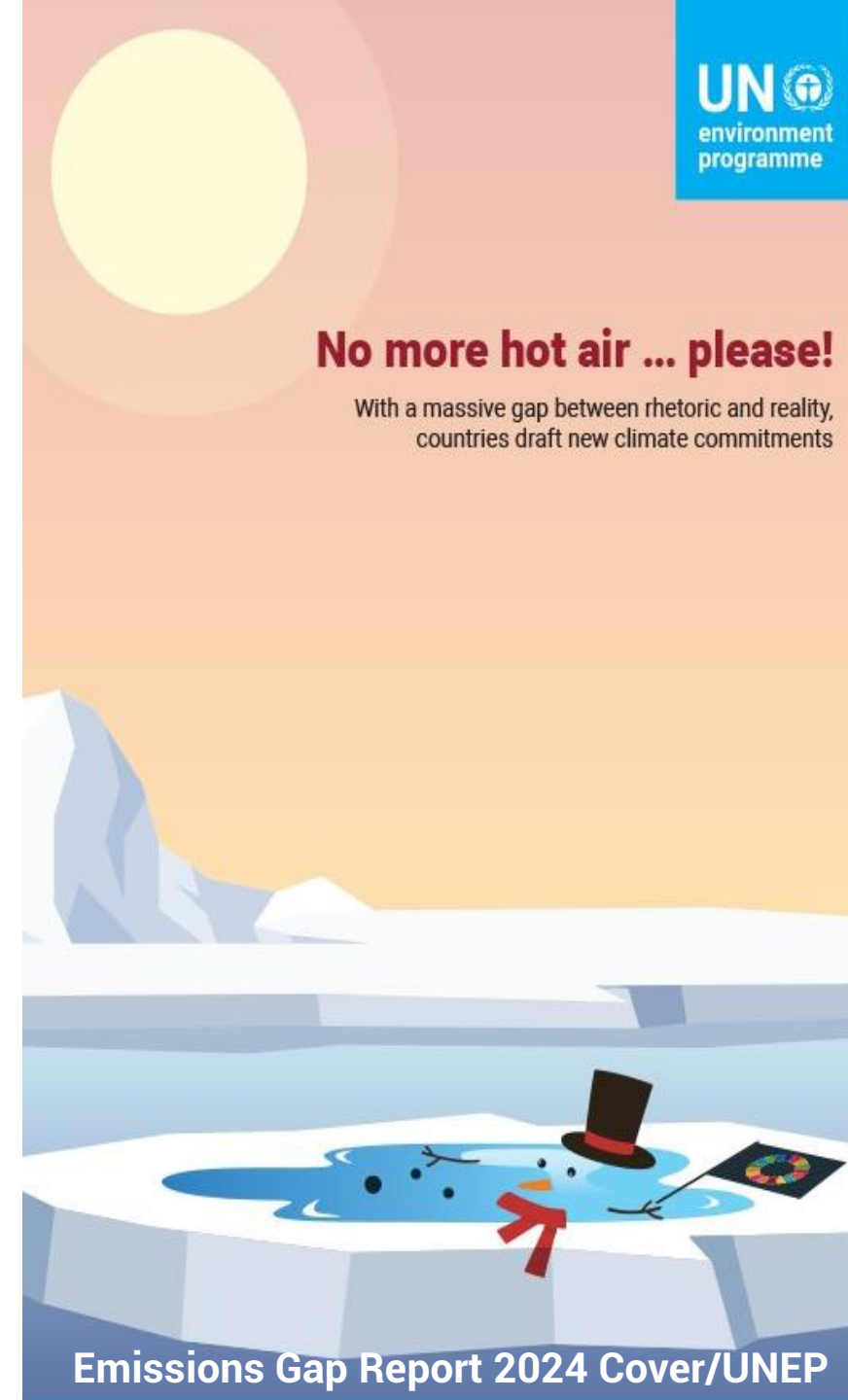
- **2024 LAC Regional Forum on Artificial Intelligence**
- **3rd edition of the Green Technology Book**, with WIPO and the Egyptian Academy of Scientific Research and Technology (ARST), featuring over 200 innovative energy solutions
- Co-developed a **GCF Project** for Kenya Commercial Bank initiative, 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: **\$20+M raised for 5 countries** – Pakistan, Zambia, Tanzania, Sri Lanka, and Peru
- 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

No more hot air ... please!

With a massive gap between rhetoric and reality,
countries draft new climate commitments



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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