

Support for decarbonizing industry



Through UNDP's Climate Promise in
collaboration with the Climate Club and
Global Matchmaking Platform

UNFCCC Webinar – May 6, 2025
Daisy MUKARAKATE

Only 39% of NDCs include specific industrial decarbonization targets

(2024 NDC synthesis report, pg. 40)



- We can not achieve the ambitious call of the Global Stocktake decision [on renewable energy and energy efficiency](#) without considering actions to decarbonize industry (25% of energy sector emissions).
- The Climate Club was established at COP28 to advance ambitious action on industry decarbonization. The Global Matchmaking Platform (hosted by UNIDO) is the mechanism through which this support is deployed to Member countries.
- UNDP joined as delivery partner to the Climate Club/GMP in January 2025.

Industry in submitted Africa NDC 3.0.

- Zimbabwe and Zambia Submissions
 - Zambia will broaden sector coverage to include IPPU mineral industry in particular cement production
 - Zimbabwe NDC 3.0 included IPPU , cement production, HFCs phasedown 80% by 2050, EE & capacity building

¹ Note that Zambia's NDC submission is provisional

Impetus for Industry Decarbonization in Africa

- ❖ Climate change detrimental effects
- ❖ Economic opportunities – jobs, EE saving costs, innovation tech.
- ❖ International cooperation & partnerships- GVCs
- ❖ Climate justice activism/litigation
- ❖ Public health – clean air
- ❖ **International trade (e.g., EU-CBAM)- export of C-intensive goods**
(Mozambique, Ghana, Cameroon, Zimbabwe, Zambia, Nigeria)

Examples (CBAM)

- **Mozambique** more impacted than China for aluminum
- **Cameroon's** aluminum exports are likely to be more affected than India's.
- **Zimbabwe's** iron and steel exports are likely to be impacted at least as strongly as, if not more than, any of the BASIC countries (Brazil, South Africa, India, China).

UNDP is supporting NDC 3.0. preparation in 90 countries (+ Kosovo)

Presents an opportunity to strengthen alignment on industry decarbonization for both the NDC revision and implementation in Climate Club Member Countries –Join.

- Africa: 31 countries – including Mozambique & Kenya *soon to be supported*
- Asia Pacific: 14 countries – including Bangladesh and Thailand
- Arab States: 7 countries – including Egypt
- Europe and Central Asia: 14 countries + Kosovo – including Kazakhstan and Uzbekistan
- Latin America and the Caribbean: 24 countries – including Argentina, Chile, Colombia, Costa Rica, Uruguay and Peru

Climate Promise 2025

Aim: Mobilizing the UN system to support developing countries to align 3rd generation NDCs to the 1.5 degree C goal and SDGs, strengthening the quality and investability of NDCs, and accelerating their implementation to drive sustainable development.

Ambition

Support countries to raise ambition in their NDCs in response to the GST and other signals, aligning with the 1.5°C pathway, net zero and nature-positive pathways, and the SDGs

Acceleration

Scale-up implementation of climate action on the ground through access to and alignment of public, private, international, and national finance towards NDCs and technical support on priority issues.

Inclusivity

Strengthen a true whole-of-society approach through meaningful and long-term engagement with underrepresented actors – through platforms, access to resources and entry points for contributions.

Examples: UNDP support on industrial decarbonization for the NDC 3.0.

Preparation (NDC enhancement)

- Landscape analysis (stocktake) of industry sector
- GHG reduction options and technology requirements
- Scenario modelling for reduction options and target setting
- Policy alignment with existing industry targets

Implementation (post-NDC submission)

- Policies to facilitate implementation
- Cost-benefit analysis of selected measures and policies
- Assessment of investment needs
- Identification of financing options
- Energy audits for efficiency improvements

CLIMATE PROMISE

Thank you

For more information, please contact:

Chibulu Luo (chibulu.luo@undp.org)

