

Submission from UNIDO

Dear COP30 Presidency and Climate Champions Team,

On behalf of the United Nations Industrial Development Organization (UNIDO), we are pleased to provide a brief contribution to the COP30 Presidency Roadmap for transitioning away from fossil fuels in a just, orderly, and equitable manner.

Positioning industry at the center of the transition

Industry represents a critical yet often underemphasized pillar of the global energy transition. It is where energy demand, economic development, and job creation intersect particularly in emerging and developing economies. Accelerating industrial decarbonization through energy efficiency and clean technology deployment offers one of the most immediate and cost-effective pathways to reduce emissions while supporting inclusive growth.

From ambition to implementation: the role of delivery mechanisms

A key challenge is not the lack of technologies, but the limited ability to translate interest into bankable investments at scale. In this context, UNIDO is advancing the Industry Clean-Tech Platform (ICTP) under the Energy Efficiency for Sustainable Livelihoods in Africa (EELA) programme.

The ICTP functions as a practical, integrated delivery mechanism to:

- Support industries in identifying and adopting energy-efficient and low-carbon technologies;
- Connect demand with solution providers and technical expertise;
- Facilitate the development of bankable project pipelines;
- Enable access to finance and de-risking instruments;
- Support demonstration and replication across industrial value chains.

Enabling a just and equitable transition

Industrial energy efficiency and clean technology deployment directly contribute to a just transition by:

- Reducing production costs and enhancing competitiveness of local industries;
- Supporting job creation and skills development;
- Strengthening domestic value chains and reducing import dependency;
- Expanding access to sustainable energy solutions for productive use.
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Recommendations for the COP30 Roadmap

We recommend that the Roadmap:

1. Explicitly recognize industrial energy efficiency as a cornerstone of fossil fuel transition strategies;
2. Promote integrated delivery platforms (such as ICTP-type mechanisms) to bridge the gap between policy ambition and investment;
3. Strengthen linkages between industrial decarbonization, value chain development, and access to finance;

4. Support scalable models that can be adapted across regions, particularly in emerging markets and developing economies.

UNIDO stands ready to contribute further to the development and implementation of the Roadmap and to support countries in translating these priorities into concrete, scalable actions.