



CEM-Industrial Deep Decarbonization Initiative

Why in News

Recently, India and the UK have launched a new workstream to promote **industrial energy efficiency** under **Clean Energy Ministerial's (CEM) Industrial Deep Decarbonization Initiative (IDDI)** coordinated by UNIDO (United Nations Development Industrial organisation).

- It was launched in the **ongoing 12th CEM (CEM12) Meeting**, which is **virtually hosted by Chile**.

Key Points

▪ About 12th CEM Meeting:

- The objective is **to infuse green technologies** and **stimulate demand for low-carbon industrial material**.
- India is **committed to cut emissions intensity per unit of GDP by 33 to 35% by 2030** (stated in [Nationally Determined Contributions](#)).
- The commitment hinges on **effective deployment of low carbon technologies in Energy Intensive Sectors** like Iron & Steel, Cement and Petrochemicals.
- Government policies have resulted in **substantial savings in energy at the demand side** such as **AgDSM** (Agriculture Demand Side Management programme), **MuDSM** (Municipal Demand Side Management) etc.

▪ About Clean Energy Ministerial (CEM):

- **Establishment:**
 - It was established in **December 2009** at the [UN's Framework Convention on Climate Change conference of parties](#) in **Copenhagen**.
 - The **Framework for the Clean Energy Ministerial**, adopted at the **seventh Clean Energy Ministerial in 2016**, defines the CEM governance structure and outlines the mission statement, objectives, membership, and guiding principles.
- **Purpose:**
 - CEM is a **high-level global forum to promote policies and programs that advance clean energy technology**, to share lessons learned and best practices, and to encourage the transition to a global clean energy economy.
- **Focus Areas:** The CEM is focused on **three global climate and energy policy goals:**
 - Improve energy efficiency worldwide.
 - Enhance clean energy supply.
 - Expand clean energy access.
- **Members:**
 - 29 countries are part of CEM.
 - **India is also a member** country.
- **11th Clean Energy Ministerial:**
 - The CEM11 was **hosted by the Kingdom of Saudi Arabia in 2020** that was

convened at a critical moment to consider the role of clean energy in supporting a rapid, sustainable recovery, and the role of the CEM community in shaping the next clean energy decade.

▪ **Industrial Deep Decarbonization Initiative (IDDI):**

◦ **About:**

- IDDI is an **initiative of CEM**.
- It is a global **coalition of public and private organisations** who are working to stimulate demand for low carbon industrial materials.
- In collaboration with **national governments**, IDDI works to standardise carbon assessments, establish ambitious public and private sector procurement targets, incentivise investment into low-carbon product development and design industry guidelines.

◦ **Supporting Countries:**

- Coordinated by UNIDO, the IDDI is **co-led by the UK and India** and current members include Germany and Canada.

◦ **Goals:**

- Encouraging governments and the private sector to buy low carbon steel and cement.
- Sourcing and sharing data for common standards and targets.

United Nations Development Industrial Organisation

▪ **About:**

- UNIDO is the **specialized agency of the [United Nations](#)** that promotes industrial development for poverty reduction, inclusive globalization and environmental sustainability.

▪ **Members:**

- There are 170 Member countries as of 1st April 2019.
- **India is also a member** country.

▪ **Discussion:**

- Members regularly discuss and decide UNIDO's guiding principles and policies in the sessions of the Policy Making Organs.

▪ **Mission:**

- The mission of UNIDO, as described in the **Lima Declaration adopted** at the fifteenth session of the **UNIDO General Conference in 2013**, is to promote and accelerate **inclusive and sustainable industrial development (ISID)** in Member States.

▪ **Mandate:**

- UNIDO's mandate is fully recognized in **SDG-9**, which calls to **"Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation"**.

▪ **Headquarters:** Vienna, Austria.

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