



INTERNATIONAL ENERGY EFFICIENCY HUB - ECONOMY

News: The Union Cabinet approved India joining the International Energy Efficiency Hub.

WHAT'S IN THE NEWS?

- **BEE's Role:** The Bureau of Energy Efficiency (BEE) will implement India's participation and align it with national goals.

About International Energy Efficiency Hub

- **Established in 2020:** The Hub was created as a successor to the International Partnership for Energy Efficiency Cooperation (IPEEC), where India was a member.
- **Member Countries:** Sixteen countries, including the U.S., China, and Germany, are already members as of July 2024.
- **Objectives of the Energy Efficiency Hub**
 - **Foster Collaboration:** Promote cooperation to improve global energy efficiency.
 - **Facilitate Knowledge Sharing:** Encourage sharing of best practices among countries, organizations, and the private sector.
 - **Increase Visibility:** Raise awareness of energy efficiency issues worldwide.

Impact of India Joining Hub

- **Access to Resources:** India will gain access to global expertise and best practices in energy efficiency.
- **Sustainable Development:** Joining the Hub enhances India's efforts towards a low-carbon economy and energy security.
- **Global Contributions:** India will collaborate with other nations to promote energy-efficient technologies and tackle climate change.





BUREAU OF ENERGY EFFICIENCY (BEE)

Establishment	Established in March 2002 under the Energy Conservation Act, 2001
Objective	To promote energy efficiency and conservation, reduce energy intensity, and enhance energy security
Governing Body	Functions under the Ministry of Power, Government of India
Key Functions	<ul style="list-style-type: none">• Develops energy efficiency policies and strategies• Implements energy conservation programs• Coordinates with various sectors like industry, transport, and municipalities on energy efficiency• Promotes R&D in energy conservation technologies
Key Initiatives	<ul style="list-style-type: none">• Standards and Labeling Program (Star rating system for appliances)• Perform, Achieve, and Trade (PAT) Scheme (for energy-intensive industries)• Energy Conservation Building Code (ECBC) (for commercial buildings)• National Mission for Enhanced Energy Efficiency (NMEEE)• Energy Efficiency Financing Platform (EEFP)
Important Programs	<ul style="list-style-type: none">• National Energy Conservation Awards• Demand Side Management (DSM)• Street Lighting National Program (SLNP) (LED streetlight replacement)
Goals	<ul style="list-style-type: none">• Reduce energy intensity in India• Improve energy efficiency in key sectors like agriculture, industry, buildings, and appliances• Contribute to sustainable development and reduce greenhouse gas emissions
International Cooperation	Collaborates with UNDP, World Bank, and ADB on energy efficiency projects globally
Legislative Framework	Operates under the Energy Conservation Act, 2001
Achievements	<ul style="list-style-type: none">• Significant reduction in carbon emissions• Supports India's climate commitments under the Paris Agreement



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Source: <https://www.newsonair.gov.in/cabinet-approves-india-to-join-international-energy-efficiency-hub-by-signing-letter-of-intent/>



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