



Accelerating Smart Power & Renewable Energy in India (ASPIRE) Programme

# iDEEKSHA

INDUSTRIAL DECARBONISATION ENERGY EFFICIENCY  
AND KNOWLEDGE SHARING PLATFORM



## BACKGROUND

India's energy savings and emissions reduction potential till the year 2031 is estimated to be **87** million tonne of oil equivalent (mtoe) and **438** million tonnes of CO<sub>2</sub> (mtCO<sub>2</sub>) respectively, as per Bureau of Energy Efficiency's (BEE) National Strategy Plan for Energy Efficiency (EE) titled "**Unlocking National Energy Efficiency Potential**" (**UNNATEE**), 2019. Amongst the various sectors, the industrial sector (including MSMEs) offers the highest potential i.e., ~ **55%** of the total energy savings and ~ **42%** of total emissions reduction potential of the country. Thus, the industrial sector is one of the focus sectors of the BEE to enhance EE and decarbonisation measures.

In 2012, the BEE launched the **Perform, Achieve and Trade (PAT)** scheme with the objective of enhancing EE measures while ensuring cost effectiveness, focusing on large energy intensive industries covering thirteen sectors. With seven PAT Cycles rolled out, energy intensive industries have already adopted various low hanging EE measures to achieve energy saving targets. Now, the next set of opportunities for incremental industrial energy efficiency and decarbonisation (IEED) require adoption of new and emerging low-carbon technologies and solutions.

Consultations with various stakeholders such as industry associations, energy intensive industries, sectoral experts etc., highlighted lack of access/ information of various technologies and their providers as one of the key barriers to adoption of new IEED technologies/ solutions. A database of major indigenous and international suppliers (including from the UK) of the latest IEED technologies would enable higher uptake among industries.

In view of the above, a knowledge sharing platform titled '**IDEEKSHA**' (Industrial Decarbonization and EE Knowledge Sharing Platform) has been developed under the Accelerating Smart Power and Renewable Energy (ASPIRE) Technical Assistance Programme. ASPIRE is a bilateral program implemented<sup>1</sup> by Foreign Commonwealth and Development Office, Government of UK in association with Ministry of Power and Ministry of New and Renewable Energy, Government of India.



<sup>1</sup> KPMG is the lead delivery partner for the ASPIRE programme. Idam Infrastructure Advisory Private Limited (India) and Carbon Trust (UK) are the key consortium members.

# ABOUT IDEEKSHA

iDEEKSHA, a Knowledge Sharing Platform (KSP) will serve as one-stop shop for all energy efficiency/ decarbonisation needs of Indian energy intensive industries. It aims to facilitate exchange of information, knowledge and experience/best practices related to industrial energy efficiency and decarbonisation (IEED) among wide gamut of stakeholders such as industries, industrial associations, technology and service providers, research institutions etc. A dedicated KSP Secretariat under ASPIRE Program has been constituted to ensure effective interaction with stakeholders and to enable wider adoption of IEED. Additionally, a Steering Committee would also be constituted at BEE for providing strategic guidance to the KSP Secretariat. Promoting Gender Equality and Social Inclusion (GESI) is an important objective of the ASPIRE programme and thus at least 2 members of the Steering Committee are proposed to be external experts that are women or from other marginalised groups. The KSP will cover eight energy intensive sectors mentioned in Figure 1 and would facilitate industries in the areas described in Figure 2.

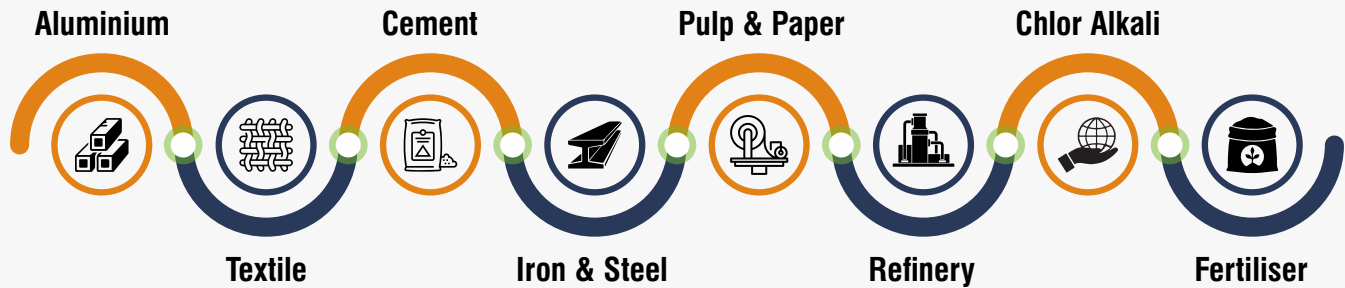


Figure 1: Energy intensive sectors covered under KSP



Figure 2: iDEEKSHA - Knowledge Sharing Platform

# KEY FEATURES OF IDEEKSHA



**Dedicated tab on Government of India's (GOI) Global Commitments:** Information related to GOI's Nationally Determined Contributions commitment, Long Term Emission Low Emission Development Strategy submitted to UNFCCC and Industrial Deep Decarbonisation Initiatives



**One-stop shop for all IEED needs:** iDEEKSHA to be a one-stop shop for IEED needs of Indian energy intensive industries from the eight focus sectors

- Sectoral information – access to all sectoral information at a single location including best practices adopted by industries, list of key industrial associations and research institutions, etc.
- Database of IEED technology & solution providers – access to database of IEED technologies and technology/ solution providers in India and globally (including from the UK) for the 8 focus sectors
- Sectoral repository – access to repository of national and international reports, case studies, best practices etc. on decarbonization and low-carbon technologies
- Knowledge database – access to Indian IEED policy database, financing database (financing institutions registered with BEE), Video Gallery and links to other IEED related initiatives, etc.



**Collaboration facility:**

- Discussion Forum and Blog – common platform to stakeholders to discuss, deliberate and initiate discussions on the forum or write blogs on IEED topics
- Sharing of Information – opportunity to all stakeholders to share information on sectoral/ cross-sectoral technologies/ solutions, financial products, R&D information, energy management tools, case studies/ best practices etc. for wider dissemination.
- **Technology Collaboration:** Allows technology/ solution providers to submit an expression of interest to BEE to demonstrate technical specifications of new technology, major applications, targeted sectors and outcome/results of pilot projects in terms of energy and carbon savings.



**Events/Workshops/ Study Tour/ Webinar Information:**

- **Upcoming Events:** detailed information of upcoming IEED events including registration facility
- **Past Events:** access to view and download resources from past events including background notes, flyers, presentations delivered by experts, photographs, event summary reports, etc.



**Robust system to ensure quality content:** thorough review of the data/ information by KSP Secretariat before publishing on iDEEKSHA portal to ensure relevance and quality



**Secure User Registration Process:** secured two-step user registration verification process implemented to ensure participation of verified users on the portal



**Dedicated tab for GESI:** Showcase of Gender Equality and Social Inclusion initiatives undertaken by various national and international industrial organisations along with a repository for the same with the objective of enhancing opportunities for women and marginalised groups in IEED space



**Scalable portal:** Designed to provide scalability as per future requirements including addition of new features, uploading incremental information, etc.



**Subscription to Newsletters:** stakeholders may choose to subscribe to iDEEKSHA newsletters which would provide relevant updates and information on new & innovative low-carbon IEED technologies/ solutions along with best practices adopted by industries in India and globally

Click here to know more about IDEEKSHA

Click here to know about India's Global Commitment

Click here to get information about upcoming and past events

Click on 'Collaborate' to read blogs, participate in discussion forums and submit Eol, etc.

The screenshot shows the iDeeksha website homepage. At the top, there is a dark blue header with the iDeeksha logo (An Initiative by BEE to Promote Industrial Decarbonisation) and the text "Industrial Decarbonisation and Energy Efficiency Knowledge Sharing Platform". To the right of the header are logos for G20 India 2023 and the Ministry of Power, Government of India. Below the header is an orange navigation bar with menu items: ABOUT US, GLOBAL COMMITMENTS, SECTORS, PARTNERS, EVENTS, COLLABORATE, and CONTACT US. A search bar is located on the right side of the navigation bar. The main content area features a large image of an industrial facility with the title "Explore best practices for Industrial Energy Efficiency & Decarbonisation". Below the title are six colored circles representing different sectors: Textile (dark blue), Chlor Alkali (yellow), Refinery (green), Pulp & Paper (orange), Aluminium (yellow), and Cement (green). Below the image is a green section with two columns of text. The left column is titled "Would you like to share information for a wider reach among the stakeholders such as" and lists: Sectoral & Cross Sectoral Technologies / Solutions, Financial Products, R&D Information, Energy Management Tools, and Case Studies / Best Practices. Below this list is a "Learn More" button. The right column is titled "GESI (Gender Equality and Social Inclusion) ASPIRE (Accelerating Smart Power and Renewable Energy in India) Programme is aimed at promoting GESI (Gender Equality and Social Inclusion) - opening opportunities for women and marginalised groups. In addition to women, marginalised groups may include people with disabilities, certain ethnic groups, poor people etc." Below this text is an "Explore" button. At the bottom of the page is a dark blue footer with three columns: "SUPPORTED BY" featuring the UK Government logo; "Contact Us" with address and phone/fax details for the Bureau of Energy Efficiency; and "Quick Links" with links to Bureau of Energy Efficiency, Ministry of Power, and Foreign & Commonwealth Development Office. There are also social media icons, a visitor counter showing 000515, and a copyright notice for 2023 iDeeksha.in.

Click here to get information about sector specific information

Click here to share information of technologies, financial products, R&D, best practices etc. with KEP Secretariat

Click here to know about the various initiatives taken by industries for promoting GESI

Click here to know about sectoral and cross-sectoral technology and solutions

Click here to know about sectoral and cross-sectoral technology and solutions

**iDeeksha**  
An Initiative By IEE, To Promote Industrial Decarbonisation  
Industrial Decarbonisation and Energy Efficiency Knowledge Sharing Platform

ABOUT US ▾ GLOBAL COMMITMENTS ▾ SECTORS ▾ PARTNERS ▾ EVENTS ▾ COLLABORATE ▾ CONTACT US ▾ Search...

### Sectoral Information

**Basic Information**

- Basic Information On Sectors
- Sector Best Practice

**EE & Decarbonization Technology & Solutions**

- Sectoral Technology And Solutions
- Cross Sectoral Technology And Solutions

**PAT Documents**

- Rules/Regulation
- Notifications
- Guidelines
- Important PAT documents

**Sectoral Repository**

Repository for National and International reports, as well as case studies on decarbonisation and low-carbon technologies

### Knowledge Database

**Industrial Policy Database**

- Policy On Energy Efficiency, Decarbonization
- Showing GOI Global Commitment

**Financing Database**

- Financial Institution
- Incentive / Subsidy Schemes
- Facilitation Center

**Energy Manager And Energy Auditor**

- Guidebooks, Question Banks
- List Of Accredited Energy Auditors
- List Of Certified Energy Managers
- List Of Certified Energy Auditors

**Resources**

- Newsletter
- Industrial Deep Decarbonisation Initiative (IDDI)
- Leadership Group For Industry Transition (LeadIT)
- Video Gallery

**Upcoming Events**

- Launch of "iDeeksha - Industrial Decarbonization and Energy Efficiency Knowledge Sharing Platform" and Cross Sectoral Workshop - A Path for Decarbonization  
Mar 01, 2023  
[Read more >](#)
- Sectoral Workshop on Best Practices In Energy Efficiency In Cement Sector: A Path for Decarbonization  
Mar 14, 2023  
[Read more >](#)
- A Domestic Study Tour-Visit of Cement Plant  
Mar 15, 2023  
[Read more >](#)

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pmindiawebcast

**PMINDIAWEBCAST**

Posted on 1 August 2022 | 5:25 am

**30th National Energy Conservation Awards 2020 Registration started.**

**Rewarding the Exemplary Efforts on Energy Conservation in India**

Online Applications are Invited for **30th NATIONAL ENERGY CONSERVATION AWARDS (NECA) 2020** for Exceptional Achievements

**Registration Deadline: 15th November 2022**

Industry | Transport | Building | Institutions | Appliances

For more details, visit [www.30neca.org](#) or contact [30neca@eeo.gov.in](mailto:30neca@eeo.gov.in)  
Last Date for Submission: 15th November 2022

Click here to get database of Financing Institutions

Enter email ID to subscribe for Newsletter

Video Gallery, Newsletters and other Industrial Deep Decarbonisation initiatives can be accessed from here

## About BEE

The Bureau of Energy Efficiency (BEE) was established by the Government of India on 1st March 2002 under the provisions of the Energy Conservation Act, 2001. BEE's mission is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing energy intensity of the Indian economy. BEE co-ordinates with designated consumers, designated agencies and other organizations and recognize, identify and utilize the existing resources and infrastructure, in performing the functions assigned to it under the Energy Conservation Act.



## About ASPIRE

Accelerating Smart Power and Renewable Energy in India (ASPIRE) is a bilateral program implemented by Foreign Commonwealth and Development Office, Government of UK in association with Ministry of Power and Ministry of New and Renewable Energy, Government of India. KPMG is the lead delivery partner for the ASPIRE programme. Idam Infrastructure Advisory Private Limited (India) and Carbon Trust (UK) are the key consortium members.

## Contact Details:

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