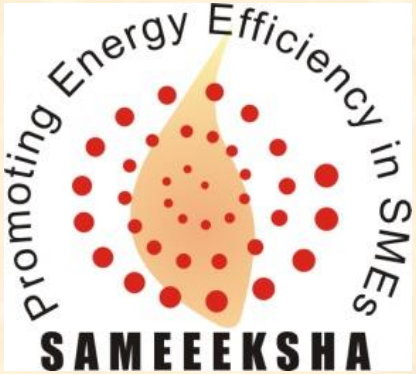
SAMEEEKSHA

SMALL AND MEDIUM ENTERPRISES: ENERGY EFFICIENCY KNOWLEDGE SHARING



14th Meeting

23 August 2018

ITC Sonar, Kolkata

teri

ENERGY IS LIFE
BEE
CONSERVE IT

Micro, Small & Medium Enterprises

SHAKTI
SUSTAINABLE ENERGY
FOUNDATION

SAMEEEKSHA

Small and Medium Enterprises: Energy Efficiency Knowledge Sharing

- Platform for pooling the knowledge and experiences of various organizations that are engaged with the Indian SME sector.
- Enables like-minded organizations to coordinate and increase the impact of their activities in different areas in the SME sector.

SAMEEEKSHA

- Provides a forum where representatives of small-scale industry interact with policy-makers, funding and development agencies, R&D institutions, academia, and others, in order to:
  - Highlight the needs of sector/cluster in regard to improving energy efficiency, reducing fuel costs, exploring alternate energy sources, and so on.
  - Point to possible options for exploring, developing, and introducing energy-efficient technologies and practices in the concerned industrial sector/cluster.
- http://sameeeksha.org/

MSME cluster- Eastern region

State	Cluster	Energy Consumption (toe)
Jharkhand	Ranchi Refractory industries	7864
Jharkhand	Chirkunda Refractory industries	23674
Jharkhand	Dhanbad coke oven industries	208254
Jharkhand	Ranchi clay-fired brick making	91574
Odisha	Bargarh Rice Mill cluster	76737
Odisha	Odisha Sponge Iron cluster	1049752
Odisha	Bhubneashwat sea-food	5170
Odisha	Balakati Brass industries	206
Odisha	Ganjam rice mills	1248
Odisha	Behrampur rice mills	52
Odisha	Balasore Plastic industries cluster	2860
West Bengal	Asansol refractory industries	25063
West Bengal	Howrah forundries	2043
West Bengal	Clay-fired brick manufacturing	1730000

National Summit on Energy Efficiency in MSMEs

Key suggestions and recommendations

Finance

- Holistic approach using mix of carrot, stick and sermons
- Aggregation of demand
- Need for corporates to drive EE among their vendors
- ESCO- Need for strong M&V system

Technology

- Focus on manufacturers/suppliers of machinery/equipment
- More demonstration per cluster instead of one demo in progressive unit
- Strengthen cluster level energy services
- Develop sector specific vision document w.r.t. technologies, fuels and products

Key suggestions and recommendations

Capacity

- Training of plant operators on BOPs
- Focus of skill training centers should be on meeting capacity needs of local MSME clusters
- Handholding during adaptation of technology
- Awareness creation for generating demand for cleaner products and services

An update from SAMEEEKSHA Secretariat:

(January 2018 – August 2018)

13th Meeting (January 2018)

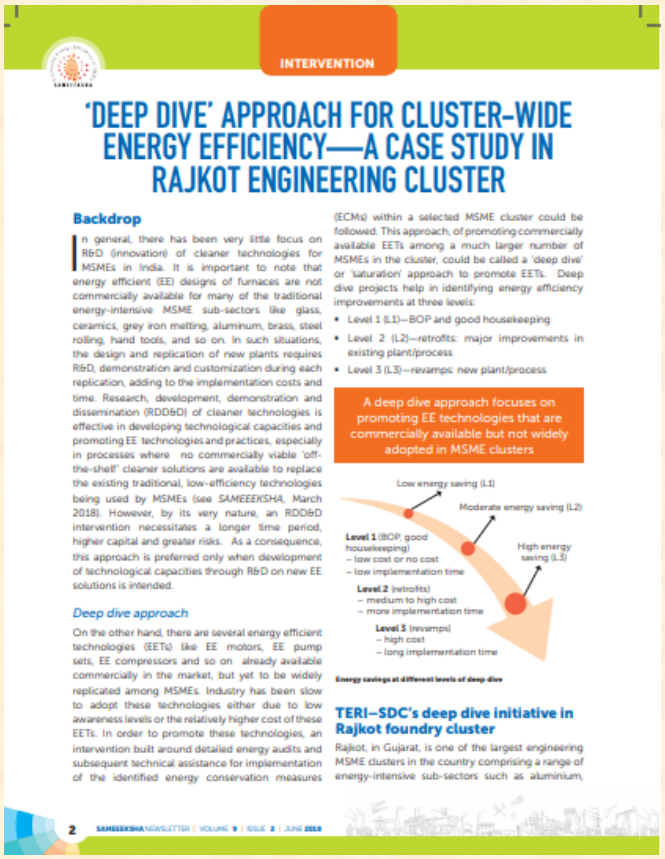
Presentations

- SAMEEEKSHA Platform and MSME Summit: an update—Mr Sachin Kumar, Secretary, SAMEEEKSHA and Fellow, TERI
- Achievements under TERI-SDC EESE project—Mr N Vasudevan, Senior Fellow, TERI
- BEE SME Program—Mr Milind Deore, Director, BEE
- BEE- UNIDO- GEF Program— Mr Niranjan Rao Deevela, National Technology Coordinator, UNIDO India
- Recent initiatives by SIDBI on Energy Efficiency—Mr Rajiv Kumar, Deputy General Manager, SIDBI

SAMEEEKSHA Newsletter

Mar' 18 Issue (Theme: TERI-SDC Partnership project)

- Intervention in four energy-intensive MSME sub-sectors: Grey Iron Foundries, Glass bangles, brick kilns and biomass heat applications
- Research, Development, Demonstration & Dissemination
  - CO_2 savings- 1.27 million tonnes ; Energy savings- 392,000 toe



Jun'18 Issue (Deep dive approach: Rajkot Engineering cluster)

- Focus on promoting EE technologies that are commercially available but not widely adopted in MSME clusters

Discussions during the last meeting: Action points for the Secretariat

- Preparation of short film on SDC-TERI partnership program

- Organization of SAMEEEKSHA meetings at cluster level –

  'last mile connectivity'

Thank You

SAMEEEKSHA Secretariat