

OVERVIEW OF INDIAN MSME SECTOR



- -63 Million MSMEs
- 2nd largest employer after agriculture.

Value addition to economy:

- (a) 45% of total manufacturing output,
- (b) 8% contribution to GDP,
- (c) >8000 products manufactured,
- (d) 40% of total exports.

MSME Classification

Category	Investment in equipment (INR Cr./ million USD)	Turnover (INR Cr./ million USD)
Micro	1 (0.13)	5 (0.67)
Small	10 (1.3)	50 (6.67)
Medium	50 (6.67)	250 (33.33)

5% Small 1% Medium 95% Micro

MSME Traits

- Family Run Businesses
- Single Man Show
- Conventional Process and Technologies
- Unskilled/ Semi-skilled
 Manpower
- Business Continuity Focus

600+ industrial MSME clusters and 7,000+ artisan/micro enterprise clusters in India

Climate Change Impact on MSMEs

- India is the **seventh-most vulnerable country** with respect to **climate extremes**. Above 80% of Indians live in districts vulnerable to climate risks.
- India ranked the lowest among 180 countries in Environmental Performance Index, 2022.
- Vulnerable sectors- Textile, Leather, Food processing, Fisheries, Chemical, Pharma, Wood, Paper, etc.,
- Indian MSMEs stand at the forefront of climate change crisis, facing multiple challenges
- Direct impacts like damage to physical assets of a business, such as buildings, machinery and equipment or other vital infrastructure
- Indirect impacts like changes in the business environment, new regulations, availability of resources, change in demand and supply







MSME Industrial Clusters

88 industrial clusters present a bleak picture of air, water and land contamination.



Most polluted clusters

- Tarapur (Maharashtra)
- Mathura (UP)
- Moradabad (UP)
- Vadodara (Gujarat)
- Najafgarh (Delhi)
- Kanpur (UP)
- Varanasi-Mirzapur (UP)



sacrifice fresh national special stock market politics world entertain

AWAKENING FOCUS | successful head | Square Yards | Positive News | Russia-Ukraine dispute | Faith News

Moradabad Air Pollution: Air pollution graph rises in Moradabad, city falls into red zone, the figure crosses 300

Author: Ravi Mishra Publish Date: Fri. 19 Nov 2021 05:52 PM (IST) Updated Date: Fri, 19 Nov 2021 05:52 PM (IST)



Moradabad Air Pollution On Thursday, the pollution level in the city stood at 312 am and 296 at 5 pm according to the Indian Air Index. Brass furnaces around The Barbalan Tenth Ghat Lalbagh in the city are spewing venom. Those who were given a notice for the food.

Moradabad, Jn. Moradabad Air Pollution: On Thursday, the pollution

Challenges for low carbon transition - MSME

MSMEs contributing to climate change as well as are vulnerable to its risks.

- MSMEs consumes about 25% of the total energy consumed by industries in India,
- Around 400 Energy Intensive Clusters
- Energy Saving Potential as per sector dynamics ranges from 5% to 30%,
- Potential of GHG abatement of around 17 Million Ton CO2eq. per annum
- Cumulative investments of USD 10.1 trillion required to decarbonize India's power, industrial, and transport sectors to achieve <u>net-zero emissions by 2070</u> (CEEW)
- Energy Efficiency (EE) Financing Gap of Rs. 90,000 Crore

Lack of awareness & inadequate technology level

Limited access to modern technologies

High transaction cost and longer gestation period for Low Carbon technologies

Cost of Capital and its availability for MSMEs to deploy in Green initiatives

Perceived Risk of FIs in lending to MSMEs in climate technologies









Partial Risk Sharing Facility for Energy Efficiency

\$37 million facility capitalized by GEF & CTF. SIDBI is the implementing entity.

Achievements

- Supported 76 energy efficiency ESCO led projects of USD 125 million
- 16 guarantees have been successfully closed till date No claims till date
- Partnered with 14 Banks/NBFCs
- Awareness & Sensitization on ESCOs to financial institutions: Trained 2000+ bank officials, Reached out to 100+ ESCOs, 5000+ energy professionals, 10,000+ MSMEs
- Energy Savings 371 GWh/Yr
- Annual emission reduction 0.284 Mn tCO2









About SIDBI- Serving the MSME Mandate

- Established under an Act of the Parliament in 1990
- DFI engaged in promotion, financing & development of MSMEs

Fund of Funds to support startup ecosystem

Direct lending to MSMEs through innovative lending 00 models

Indirect lending through
Banks, SFBs, NBFCs, MFIs an
New Age Fintechs

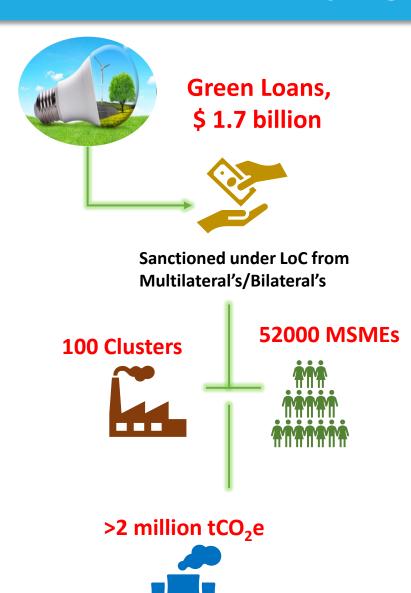






Trusted nodal agency for MSME oriented schemes of Gol

Sustainability Highlights



>40,000 trees planted



PROJECT SIGNATURE"- Ladakh

4,215 bamboo artisans



EU Switch Asia Bamboo Project



Adoption of 120 villages

Swavalamban Assistance for Financial Literacy, SAFAL

1,000-plus enterprises with 36% women led



Swavalamban Connect Kendras >27,000 Homepreneur



Silai Sch<mark>ools</mark> opened in 2<mark>700</mark> villages

1,640-plus Bank Sakhis



Bank Sakhi Programme

30 plastic bottle recycling machine



Swatch Bharat and Swavalambi Bharat

650 Sanitation & Hygiene Entrepreneurs



Sanitation & Hygiene Entrepreneurs (SHEs)

65 lakh sanctions amounting Rs 6,500 crore



Mission Greening the Nation



Installation of Solar Rooftops in 2500 MSMEs for captive consumption



Supporting EV market aligned to GoI EV30 @30 Mission



Mobilizing EE investment in MSME sector contributing to GHG Emission reduction



Supporting technology interventions for transitioning Waste to Wealth



Nurture & Nature

Nurturing the nature through technology basket, promoting innovative technologies

Green Inclusivity (GRiT)

making Artisan's life healthy, increase in income, enhance livelihood through clean operations



Micro Cluster Engagement Program

FY23→10 FY24→25 FY 25→50

Kota

- Stone, Textile, Engg, Food, pharma
- >1000 MEs, IAs, reached
- DEA 75
- EE & Solar Rooftop Installation

Bihar

- >1000 MEs, IAs, reached
- DEA 100
- EE Intervention & Solar Rooftop Installation

Tirupur

- Dyeing Cluster
- >300 MEs, IAs
- DEA-150 target

Next Level ESCO Engagement for Micro Clusters
Demo. of Green Interventions through ESCO Route



Moradabad

- Brass Cluster
- ESCO Engagement
- Replacing 100 CFF with GFF
- 10 Implemented

Jalandhar

- Handtool Cluster
- >500 MSEs
- DEA 100 target

Belgaum

- Foundry Cluster
- >150 MSEs
- DEA 100 target

"Mātā bhūmi putro aham pṛthivyāḥ! The Earth is my mother and I am her child!"







