



SME CleanTech

Overview

Small and medium enterprises (SMEs) comprise 90 percent of India's manufacturing sector, and hold significant potential to cut India's greenhouse gas emissions. Up until now, this potential has been largely untapped due to lack of basic information, business cases, or easy access to capital for implementation of green technologies.

To significantly speed clean technology adoption, ISC is supporting the demonstration of proven sustainable manufacturing options and training local energy efficiency providers to provide ongoing services and technical assistance to SMEs at scale.

Drawing on knowledge and insight gained through practical experience, ISC and its partners are also contributing to the development of Indian government policies designed to increase resource efficiency in the industrial sector, align with India's COP21 commitments, and reduce carbon and other harmful emissions in India.



INSTITUTE FOR
Sustainable
Communities

3
YEARS

80
SMEs

600,000 MTCO₂e
GHGs REDUCED

Areas of Impact

- Electric Motors
- Heating and Drying
- Lighting

Funding Partner

MacArthur
Foundation

Implementation Partner



एनर्जी इफिशिएंसी सर्विसेज लिमिटेड
(भारत सरकार, विद्युत मंत्रालय के तकनीकी क्षेत्र के उपक्रम की संयुक्त राज्य कंपनी)
ENERGY EFFICIENCY SERVICES LIMITED
(A Joint Venture Company of PSUs of Ministry of Power, Govt. of India)



About ISC

Since 1991, the Institute for Sustainable Communities (ISC) has led more than 115 transformative community-driven sustainability projects in 30 countries including the United States, China, India, and Bangladesh. ISC helps unleash the existing power of local people and institutions to address immediate social, economic, and environmental challenges and opportunities – all while building those on-the-ground solutions into national and international best practices and policy. At the heart of the organization's approach is results-focused, authentic, and pragmatic engagement with all stakeholders, which unearths locally-driven and equitable solutions to the biggest challenge we face – global climate change.

Learn more at sustain.org

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ISC's Role

In collaboration with partners, stakeholders, and factories, ISC is using its hallmark needs-driven approach to identify process and technology gaps in SME's energy usage, and then establish a portfolio of pragmatic, market-driven solutions to address those gaps.

With solutions in hand, ISC is building the clean tech awareness and capacity of SMEs using demonstration projects that establish business cases as well as technical assistance, which strengthens the implementation capabilities of SME's in-house personnel and external energy service providers to accelerate clean tech deployment. Popular solutions are scaled through policy recommendations at the state and federal level, as well as through ISC's market-based training platform, the EHS+ Center which has a robust network of environment, health, and safety professionals for dissemination and adoption.

