



DEUTSCHE INVESTITIONS- UND ENTWICKLUNGSGESELLSCHAFT (DEG)

DEG, a member of the KfW Bankengruppe (KfW banking group), finances investments of private companies in developing and transition countries. As one of Europe's largest development finance institutions, it promotes private business structures to contribute to sustainable economic growth and improved living conditions.

UL DQS



UL DQS India is the Indian Operation of UL DQS, which is a merger of UL Inc of USA and DQS of Germany, with over 45000 certified sites and presence in more than 100 countries globally. UL DQS India is head-quartered out of Bangalore having presence with offices and auditors across India. UL DQS India provides over 70 Management System Certifications and Assessments covering a vast majority of standards and industries. Through its Knowledge Solutions Centre, UL DQS India offers Trainings, Seminars and Assessments to cover a whole lot of activities and industry standards and focuses in helping the customers with dissemination of knowledge on the subject.



ASIA SOCIETY FOR SOCIAL IMPROVEMENT AND SUSTAINABLE TRANSFORMATION (ASSIST)

ASSIST is a non-stock, non-profit international capacity building organization with its headquarters in the Philippines. It aims to achieve and witness meaningful change to and for our planet and the people living on it. Since 2003, ASSIST has implemented over 45 projects funded by multi-lateral donors such as European Union, USAID, UNEP, UNIDO, DEG, GTZ, etc.



THE MADRAS CHAMBER OF COMMERCE & INDUSTRY (MCCI)

The Madras Chamber of Commerce & Industry (MCCI), is the second oldest Chamber in the country and also one of the Promoter Chambers of ASSOCHAM, New Delhi. The Chamber during its 175th anniversary in 2011 had aptly chosen "Sustainable Development" as the theme. Since then, the Chamber has taken quite a few proactive initiatives like Setting up a Skill Development Centre and launching "Sustainable Chennai Forum" (SCF). The SCF focus would be to create a business model with special emphasis on areas like Energy, Water, Waste Management, Transport and Urban Greening.

CONTACT INFORMATION

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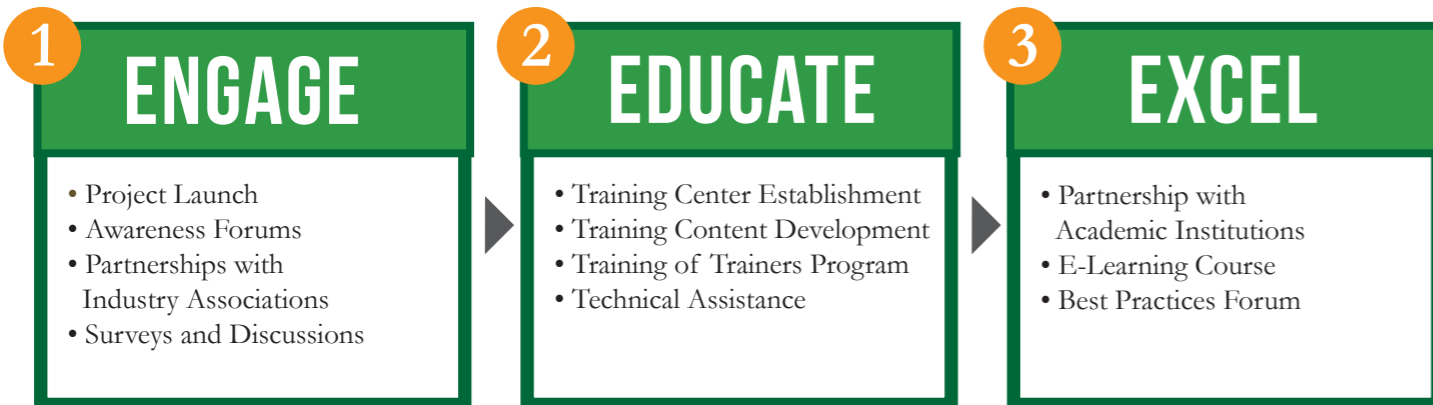


PROJECT BRIEF

India is the 2nd most populous country in the world with 1.2 billion people and the 3rd largest economy. Nevertheless 35.5% of the population still lives without access to electricity. It is also estimated that the SME's and MSME's contribute to 45% of manufacturing output in the country. Most of them are operated using inefficient technologies, practices and equipment. Though the government has taken these initiatives to promote energy efficiency among the industries, still there are barriers like lack of awareness, shortage of education and training for implementation of energy efficiency measures not only among SME's and MSME's but also in large enterprises.

ENERGIE project is co-financed by DEG and implemented by UL DQS India in association with ASSIST. This project will build capacity among energy management professionals and help in creating energy efficient enterprises and contribute to sustainable industrial development in India.

METHODOLOGY



PROJECT ACTIVITIES

 PROJECT LAUNCH Project launch will be arranged in 2 locations in Tamil Nadu to create awareness among the major stakeholders on energy management and concepts.	 PARTNERSHIPS WITH INDUSTRY ASSOCIATIONS Partnerships will be established with local industry associations to disseminate information regarding energy management to their members and networks. 1-day awareness sessions on energy management will be delivered through these associations to create multiplier effect.	 TRAINING CENTRE A training centre will be established in Chennai with all necessary facilities and infrastructure to train and qualify professionals and organize events / conferences related to energy management.	 TRAINING OF TRAINERS PROGRAM At least 40 technicians will be qualified as Certified Energy Efficiency Professionals and 40 managers will be qualified as Certified Energy Management System Representatives through TOT programs of 3 days duration each organized as a part of this project. Special training for women technicians will also be organised.
 PARTNERSHIP WITH ACADEMIC INSTITUTIONS Partnerships will be established with local academic institutions to offer Certified Energy Efficiency Professionals through them to create a broad and structural impact.	 TECHNICAL ASSISTANCE Technical Assistance will be provided by energy experts to the selective number of companies (at least 5) for implementing energy management systems benchmarking ISO 50001 standards.	 ONLINE TOOLS Online tools will be used to gather data from energy intensive enterprises and an e-learning course "Certified Energy Management System Representative will be developed and rolled out to energy intensive industries.	 BEST PRACTICES FORUM Best practices forum will be arranged at the end of project to showcase the success of the project and all relevant stakeholders shall be recognized during this ceremony.

BENEFITS

This project is a public private partnership with a developmental agenda of building capacity among the energy professionals and help energy intensive industries to adopt energy management systems benchmarking international standards such as ISO 50001.

The beneficiaries of the project shall look forward to the following benefits:

- ▶ A platform for key decision makers from the industry and other stakeholders, and technical experts to interact
- ▶ A fully equipped training centre with energy lab in Chennai
- ▶ Access to awareness campaign materials, training materials and resources through web portal
- ▶ Opportunity for professionals to participate in the certification trainings and enhance their qualification
- ▶ Opportunity for energy intensive industries to adopt energy management systems benchmarking ISO 50001 standards
- ▶ Participation in the project events to network and exchange best practices.