



TÜV Rheinland

The TÜV Rheinland Group is a leading provider of technical services worldwide. Since its foundation in 1872, TÜV Rheinland has been developing safe and sustainable solutions for the challenges arising from the interaction between man, the environment and technology. As an independent, neutral and professional organization, TÜV Rheinland is committed to working towards a future that can fulfill the needs of both mankind and the environment in the long term.



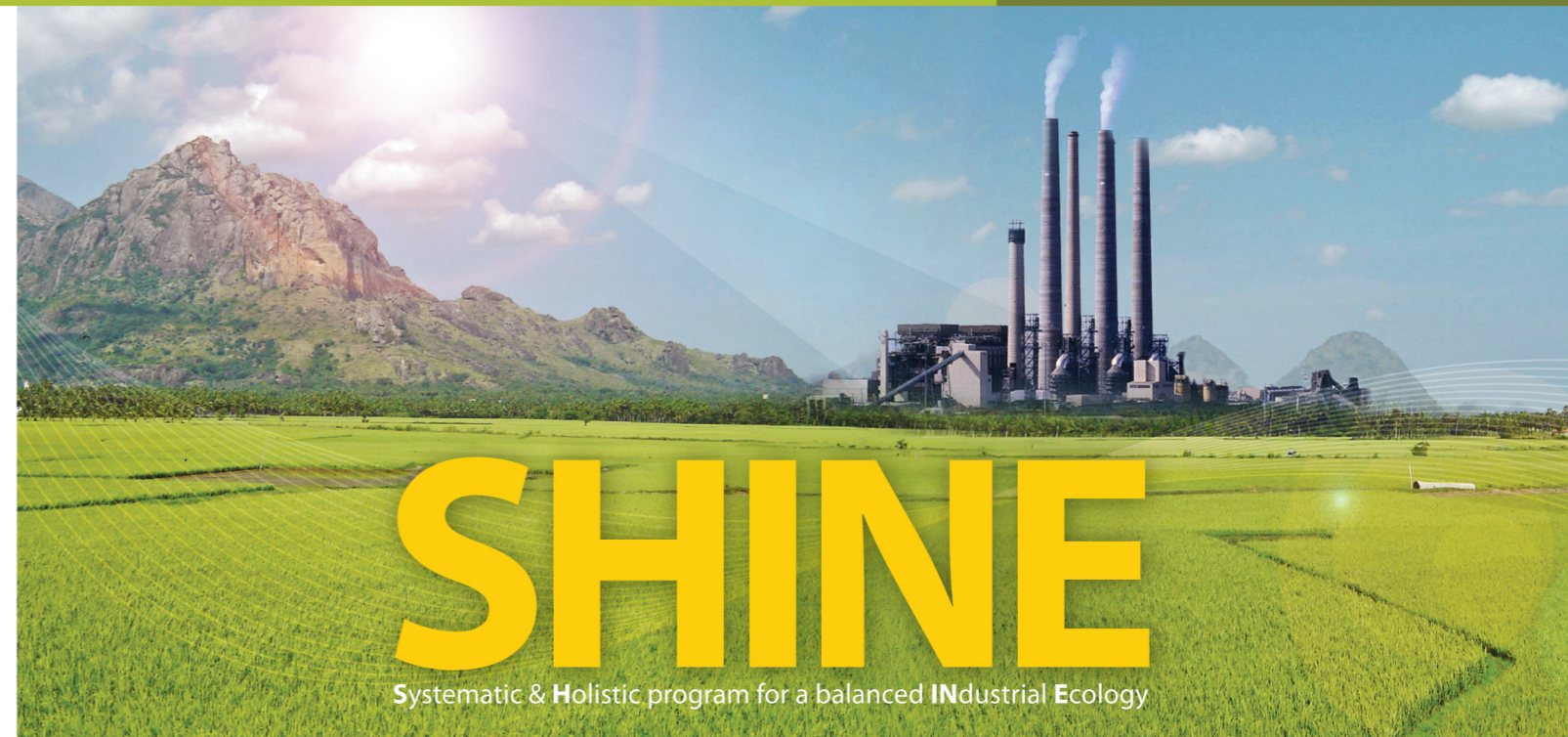
DEG

DEG, member of 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.



ECCI

ECC International is a knowledge - centered organization, specializing in knowledge acquisition, development, packaging and dissemination. It has over 10 years of expertise in quality, productivity, risk management, information technology, environment, health & safety, human resource and organizational development. It continues to serve a wide client base in the Philippines, Vietnam, Malaysia, India and Singapore.



A Comprehensive Program for Enhanced Productivity & Sustainable Industrial Ecology (CP-EPSIE) in Karnataka, India

Contact Information

TÜV Rheinland (India) Pvt. Ltd.

Alpha Tower, Sigma Tech Park
7, Whitefield Main Road, Varthur Kodi,
Bangalore -560 066, India.
Telephone: +91 80-3989 9888, 30554319
<http://www.tuv.com/in/en/index.html>

DEG

Kaemmergasse 22, 50676 Cologne,
Federal Republic of Germany.
Post box – 10 09 61 50449 Cologne
Telephone: +49 221 4986-0
<http://www.deginvest.de>

ECCI India

New No. 18, Old No. 8,
29th Cross Street, Indira Nagar,
Adyar, Chennai – 600020
T: +91- 44- 24453318 / 24430333
<http://www.eccinternational.com>

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Project Brief

Karnataka's rapid & unsustainable economic growth is posing a serious challenge to the ecological balance of the region and environment in general. **51 % of the high polluting industries are located in 4 districts** of Bangalore urban, Belgaum, Bellary and Mysore. They also account for huge concentration of small and medium sized industries. These SMEs are losing their competitive edge and are ill-equipped to meet increasingly stringent national / international rules & regulations, as a result are in danger of being thrown out of business.

Objective of the Project

Comprehensive Program for Enhanced Productivity & Sustainable Industrial Ecology (CP-EPSIE), a unique Public Private Partnership (PPP) program jointly funded by DEG of Germany and TÜV Rheinland, India, aims to bring about the much need shift towards a more sustainable means of development by reducing environmental degradation, improving social accountability & occupational health & safety standards and resource efficiency, with an ultimate goal of helping SMEs become competitive and gain better international acceptance.

Sustainable Industrial Production Overview

Sustainable Industrial production is a systematic & integrated approach towards optimizing the economic, environmental and social impacts of a company's products, services and processes towards a more sustainable means of production. The project seeks to achieve this through a series of trainings & workshops on process optimisation, resource efficiency and by aligning with international standards like Environment Management System (ISO 14001), Occupational Health & Safety (OHSAS 18001), Social Accountability (SA 8000).

TUV Star Rating Overview

TÜV Rheinland STAR* is a rating system based on TÜV Rheinland's vast experience and services, as well as the UN Global Compact, OECD-Guidelines, GRI, SA 8000, Electronic Industry Code of Conduct (EICC), Japan Electronics and the Information Technology Industries Association (JEITA) CSR guideline for the supply chain and other management systems and product certification standards.

Project Activities



CEO Forum - With a goal of creating mass awareness and enhancing project visibility, CEO forum which bring together the top decision makers from various SMEs in the region, will be conducted. CEO forum will attempt to create the buy in for the CP - EPSIE project.

Training of the Trainer (ToT) - Project shall train 20 local counterparts from various stakeholders (industry associations, government agencies, academia, civil society, pollution control board etc...) as local trainers through 6 days of trainings & workshops in both technical / managerial topics. They shall help create multiplier effect after project duration.

Company Selection - Companies that are interested in participating would be asked to submit an application form and the project committee shall select participants based on established criteria. Companies should have sufficient resources, size, manpower to meet project obligations and have to prove their commitment by signing an MOU with project implementers.

Technical consulting/ Alignment - 10 SMEs chosen as part of the program shall be offered direct technical consulting & mock assessment service for alignment toward integrated management systems (ISO 14001, OHSAS 18001, SA 8000). They shall be offered trainings & workshops to optimize process & attain resource efficiency.

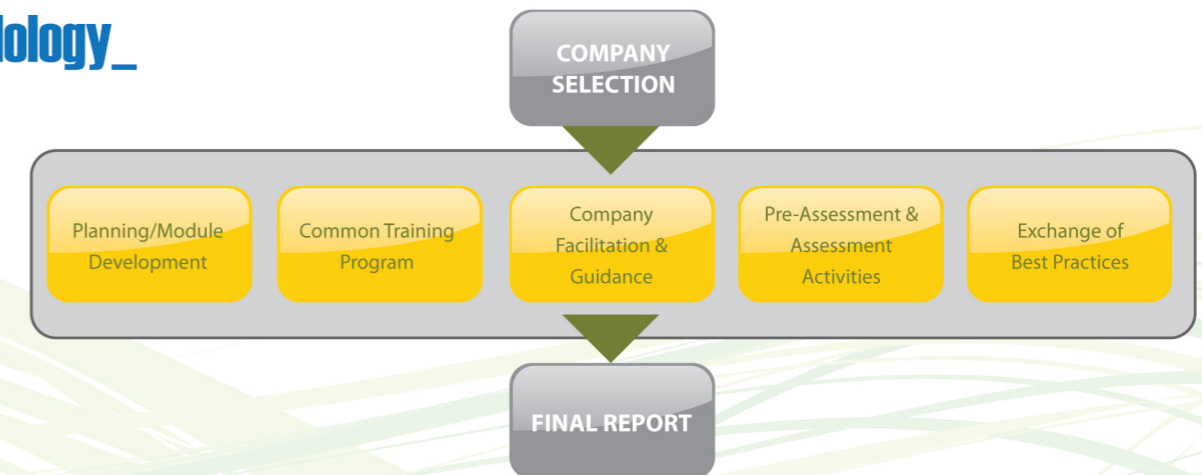


Best Practice Exchange Forum - The lessons & experiences gained during the program shall be shared through a best practice exchange forum to over 60 participants from various stakeholders (Industry associations, government ministries, multilateral donors, private organizations, civil society) with an aim of dissipating learnings and creating the multiplier effect.

TUV STAR Rating - As part of the project, the selected 10 companies shall be audited and rated on 3 dimensions of social, environmental, health & safety, before and after the implementation phase. These companies shall use the rating to obtain international acceptance / recognition.

Sustainability Tool kit - To sustain the project initiatives, an e-Learning kit on international standards (EMS, OHSAS, SA) and best practices governing sustainable industrial production will be developed and distributed to over 200 enterprises.

Methodology



Benefits

As CP - EPSIE PHIL is a Public Private Partnership program and it has a developmental agenda in supporting & equipping SMEs towards enhanced productivity & sustainable industrial ecology.

Project offerings for participating companies include

Free Public Trainings

- Sustainable industrial production - an Overview
- Process / resource optimization - Overview, Tools & Techniques
- Environmental Management system (EMS) - Overview
- Occupation Health & Safety (OHSAS) - Overview
- Social Accountability (SA) - Overview
- TUV STAR rating – Overview & Benefits

Free Consulting service - integrated management systems (ISO 14001, OHSAS 18001, SA 8000)

- Gap Assessment
- Awareness & documentation trainings
- Technical workshops Process definition & documentation
- Implementation / rollout
- Mock audits & Assessment

