



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.



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.



TÜV NORD

It is a world-leading technology service provider company, which works in more than 70 countries, helping clients to fulfill responsibilities towards people, technology and the environment. TÜV NORD with presence in Mexico makes clients business more secure and enhancing the quality of their goods and services.

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CARE MEXICO

Comply by Adopting Product, Process and Work Safety Regulation in EE Industry



Implementing Partners



PROJECT BRIEF

In Mexico 19% of the 78 million labor forces are constituted by the labor force of electronics and television industry and the electronics industry is one of the major contributors to the country's export market and growing economy. Mexico is the second largest exporter of electronic goods to the United States. Production of electronic items in such a huge quantity results in the generation of prodigious amount of e-waste.

The lack of proper systems to manage the e-waste contributes to the need for developing efficient and effective waste management systems. In addition, the electronics industry in Mexico is also a heavy emitter of the GHG gases making Mexico the second largest GHG emitter among its neighboring countries.

As the buyers from the US and European Union are now demanding a wider focus on environmental protection and health & safety by the manufacturers, adoption of internationally certified systems and standards is imperative to the survival and growth of the electronics industry in Mexico.

This Public - Private Partnership Project financed by DEG and implemented by TÜV NORD MEXICO in collaboration with ASSIST aims at upgrading the SMEs (Small and Medium Enterprises) belonging to the electrical and electronics industry in Mexico by supporting them achieve product and process compliance as well as work safety through adoption of best practices benchmarking international standards.

METHODOLOGY

1 AWARENESS CREATION

Selection of 10 SME in the electric and electronic sectors interested to obtain consultancy and training for compliance in international standards like ISO 14001 among others.

2 CAPACITY BUILDING

18 months training program for professionals of the SMEs and local consultants
Baseline assessment
Implementation of International Standards in SMEs
Final assessment

3 SUSTAINABILITY & BROAD IMPACT

Memorandum of Understanding by the SMEs for proper disposal of E-waste with identified responsible recyclers
Development of a web portal and an e-learning kit for knowledge sharing
Best Practice Exchange Session
Case study report

PROJECT ACTIVITIES

1 Awareness Creation

A formal half-day project launch session will be held involving multistakeholders to sensitize them about the need to switch to better practices catering to ethical business development.

2 Extending help to SMEs

10 SMEs will be selected and will be helped to achieve product and process compliance with a help of the curriculum developed by ASSIST and TÜV NORD benchmarking accredited international standards.

3 Training Sessions

2 five day training sessions will be held to train at least 60 professionals from the selected SMEs and local consultants to help them maintain their internal systems in accordance with the international standards. The trainings will also support in sustaining the project.

4 Baseline Assessment

Baseline assessment will be done in each of the 10 SMEs to evaluate the present scenario of each SME.

5 Consulting Assistance

Based on the findings of the baseline assessment on-site and off-site consulting assistance will be provided by ASSIST to each of the participating SMEs for the successful implementation of international standards on product and process compliance.

6 Final Assessment

After implementing international standards in each SME, a final assessment will be made by TÜV experts along with the help of at least two experts of each participating SME.

7 Development of Web Portal and E-Learning Kit

A web portal will be created to share the project results as well as to make project resources like the training materials and education campaign materials available for interested stakeholders and an e-learning kit will be developed to be used as a reference for future product and process compliance.

8 Linkage with Responsible Recyclers

Memorandum of Understanding will be signed by each of the participating SME to properly dispose their e-waste into the two identified responsible recyclers

9 Best Practices Exchange Session

A one day best practices exchange session will be held towards the end of the project to encourage the authorities and other industries to adopt similar measures and work towards environmental sustainability.

BENEFITS

This is a Public -Private Partnership project which aims to help SMEs to switch to a better ethical business development which will benefit both the SMEs and their workers.

Direct Benefits:

- *Sustainable business approach to the SMEs and knowledge expertise for their professionals
- *Better and safer working environment for the employees of the SMEs
- *Access to international markets for the SMEs through compliance with international standards
- *Sustained knowledge and Technology transfer
- *Proper disposal of E-waste
- *Companies will invest only 300Euros for 5 participants in a training of 18months, in several standards

Indirect Benefits:

- *Better productivity and better environmental performances for the SMEs
- *Reduction in GHG emissions
- *Increase in revenue and economic growth for the country