



DEG

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TÜV NORD

With over 10,000 employees in more than 70 countries in Europe, Asia, Africa and the Americas, TÜV NORD Group is actively committed to its national and international customers. Its broad consulting, service and inspection portfolio encompasses both specific individual tests and inspections and also management of complex safety solutions



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, GIZ, etc.

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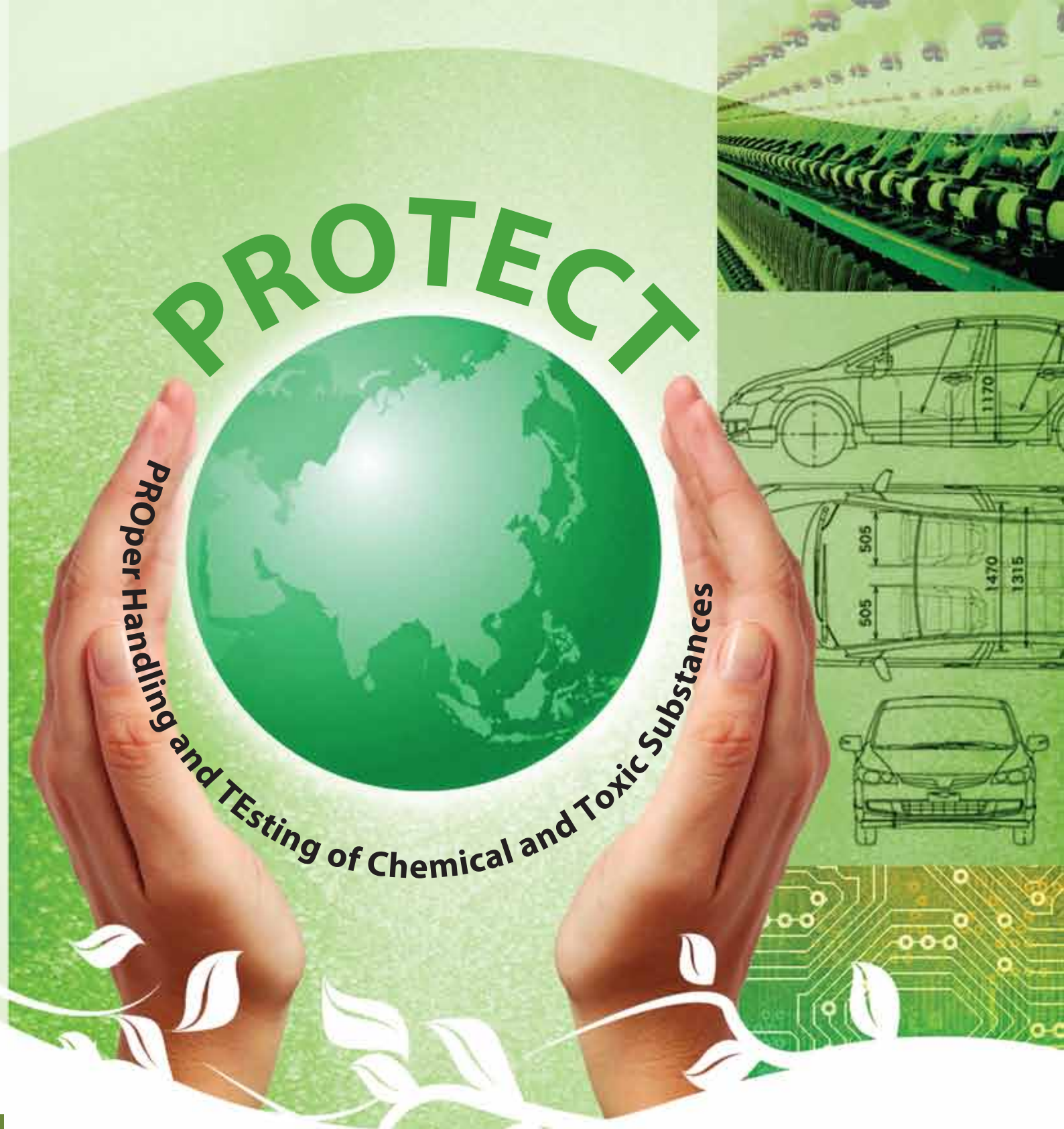
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Project Brief

The rapid industrial development in the past decade in China specifically in the manufacturing industries like electrical and electronics, textile and automotive, while satisfying and improving people's living standard, has also brought about serious environmental and safety problems. The products containing hazardous chemical substances cause serious environmental pollution during the production process and after being discarded, the production process also causes serious OHS problems. The heavy metals contained in these products like mercury, cadmium, lead, etc. are also limited by international standards and best practices like RoHS and WEEE for the export market, specifically the European Market.

While the government is enforcing some laws on the use of such substances and there are international standards available, there seems to be a low level of awareness particularly among the SMEs. The SMEs, though having the capacity to implement such practices, are not frequently exposed to the constant updates and changes brought to these regulations every often.

TÜV NORD believes that Enhanced competency of local SMEs and quality testing laboratories shall lead to production of good quality and consistent products and enhance the access of the products by EU markets. Moreover, the improved environmental performance of the SMEs shall also lead to Environmental Sustainability and production of Green Products.

This project, co-financed by DEG and Guangzhou TÜV Industrial Technical Services Co., Ltd and implemented by Guangzhou TÜV Industrial Technical Services Co., Ltd in association with ASSIST would like to address these barriers through a comprehensive program to build up local capacity in the SMEs as well as local quality testing laboratories and help each of them improve their environmental performance.

Project Activities/Deliverables

Launch Forum

Conduct of 3 forums inviting all major stakeholders including government agencies, industry associations, NGOs, professionals from the target industry (electrical & electronics, textile and automotive), and testing laboratories to promote the project and maximize its reach.

Awareness Session

Facilitation of one-day awareness session to provide an overview about the standards and requirements dealing with hazardous chemical substances.

Train-the-Trainer Workshop

3 batches of train the trainer workshops of three-days each rolled out to train a pool of at least 60 local trainers.

E-Learning Kit

Training content to be accommodated in an E-learning Kit which will be developed in 2 languages - English & Chinese.

Hand book

A simple handbook with references and examples to help SMEs understand the concept shall also be developed in both Chinese and English.

Web Portal

A web portal shall be developed and shall provide updated information to all stakeholders on how to deal with the hazardous chemical substances.

Special Training

3 batches of trainings of two-days each will be conducted to improve the standards of the local chemical laboratories benchmarking international standards like ISO 14064/14001/14067.

Technical Assessment for the Labs

10 laboratories will be be directly assessed to check for compliance with ISO 14064/14001/14067.

Collaboration with Local Chambers/Associations

TÜV NORD shall establish partnership with local associations and German Chambers to promote the laboratories and gather them recognition and access to the markets.

Best Practices Exchange Forum

Best Practices Forum to facilitate exchanges of best practices and challenges faced in relation to the implementation of the guidelines and practices.

Methodology

Phase 3: Assessment

- Laboratory Assessment
- Collaboration with Local Chambers & Associations
- Best Practices Forum

Phase 2: Capacity Building

- Development of Training Materials
- Train the Trainer Workshops
- E-Tools

Phase 1: Awareness Campaigns

- IEC Materials
- Project Launch Session
- Awareness Trainings

Benefits

This project is a public private partnership with a developmental agenda of building capacity among the local Chinese manufacturers and helping them adopt EU directives on RoHS and WEEE etc to improve and sustain their environmental performance in the long run.

The beneficiaries of the project call look forward to the following advantages/benefits:

- Awareness on the international standards & EU directives on hazardous chemical substances like RoHS and WEEE
- Capacity building of professionals and testing laboratories
- Improved environmental performance of the local manufacturing industries handling chemicals
- Easy access to the European market through product quality enhancement
- Reduction in the amount of dangerous chemical substances exported to European Market from China
- Access to training workshops and learning materials