



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.



TÜV Rheinland

Since 1872, TÜV Rheinland strives to shape a better future by ensuring a balance between man, technology and nature. Our Group's success in delivering sustainable solutions that promote the highest level of respect for individuals, minimize the impact of human activities on the natural environment, and match the needs of the market has earned us the trust and respect of individuals and companies around the globe. Our commitment is to shape a better future by continuously contributing to the development of sustainable low carbon footprint products, services and systems



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 20 projects funded by multi-lateral donors such as European Union, USAID, UNEP, UNIDO, DEG, GTZ, etc.

Solutions to Energy Efficiency application & Knowledge



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IMPLEMENTING PARTNERS





Project Brief

China is well-known for its successful businesses and strong and rapidly growing economy. The biggest challenge to the sustainability of China's economic growth, however, is the high energy consumption of the major Chinese industries, mainly due to energy inefficient production systems and limited awareness of energy saving opportunities and potentials. The General Work Plan for Energy Conservation and Pollutant Discharge Reduction aims to cut energy consumption per unit of gross domestic product (energy intensity) by 20% over the course of the 11th five-year plan which ends in 2010 while 12th five year plan is calling for the country to adapt to environment changes both within and outside the country and resolve problems efficiently to further push forward the country's modernization drive. China should enhance awareness of the opportunities and hardships, and grasp scientific development through this plan.

This distinct Public Private Partnership (PPP) project, jointly funded by DEG Germany and TUV Rheinland China, aims at raising awareness on the benefits of energy efficiency among businesses and the public masses. Awareness campaigns, trainings and certification programs will build local capability and help Chinese businesses to improve their energy management. Policy makers will be influenced to enforce new energy laws and policies benchmarking international standards.

Project Activities



Multi Stakeholder Dialogue Sessions: These 2 half-day events will be conducted to develop a policy framework for energy efficiency and propose the new policy framework benchmarking international standards such as EN 16001, ISO 50001.

Awareness Sessions: These 3 half-day events for 30 participants each will be conducted in multiple locations and shall create awareness on the need and importance of energy efficiency measures among stakeholders of different industries as well as public masses.

Body of Knowledge: Based on the results of the multi-stakeholder forums, technical training contents will be designed and a Body of Knowledge developed targeting industries, professionals and the public.

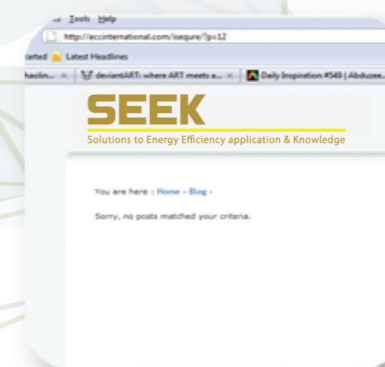
Training Sessions: Three 1 - day programs on Energy Efficiency will be arrayed in multiple locations for Public masses and Three 2 - day programs on Energy Efficiency will be arrayed in multiple location for Energy - intensive industries.



Certification Program (Certified Energy Auditor) & (Certified Energy Efficiency Manager): This 3-day program "Certified Energy Auditor" will be launched and organized for at least 25 auditors in one location. It shall create local capability in the field of Energy Auditing. The Project shall be Sustained through introduction of new Program "Certified Energy Efficiency Manager".

E-learning Toolkit and Mobile Learning: A toolkit on energy efficiency management and best practices will be developed and distributed to 200 companies. It shall help them with the self-implementation of energy efficiency practices and therefore foster the sustainability of the project in the long term. A mobile learning approach will target public masses by providing them with energy saving tips via messages.

Best Practice Exchange Forum: This 1-day forum shall help in networking and knowledge sharing. Experience, successes and challenges faced during the previous project stages will be shared with over 50 participants.



Methodology



Benefits

This Public Private Partnership program that offers participating companies many benefits, such as participation in forums, trainings, access to web portal, e learning kit and mobile learning applications:

Training & Events

- Multi-Stakeholder Sessions
- Awareness Sessions
- Technical Training Sessions
- Certification Program
- Best Practice Exchange Forum

Technical Consultancy

- E learning kit
- Web Portal
- E-magazine
- Mobile learning

