



Leapfrog towards Efficiency And Progress through Low Carbon Economy Indonesia (LEAP Indonesia)

CO-FINANCED BY



IMPLEMENTING PARTNERS





PROJECT BRIEF

Climate change is a strategic and development challenge facing Indonesia. The Government of Indonesia (GOI) recognizes climate change as a key economic development and planning issue. In fact, it has committed to a reduction in green house gas emissions of 26% from business-as-usual (BAU) by 2020 at the 2009 Copenhagen Conference of parties (COP) of the UNFCCC. The GOI also acknowledges that early action to address mitigation and adaptation concerns will be strategically and economically beneficial for Indonesia. As one important step on mitigation, the GOI has embarked on a Low Carbon Development Options Study as an opportunity to evaluate and develop strategic options to reduce emissions intensity without compromising development objectives. The first phase of low carbon work showed that Indonesia is a relatively large greenhouse gas (GHG) emitter, especially from forests and land use, but also from fast growing fossil fuel use.

The Indonesian manufacturing sector is one of the nation's largest sources of fossil-fuel derived greenhouse gas (GHG) emissions, and continues to grow. Overall, manufacturing is responsible for over 50 percent of Indonesia's fossil-fuel emissions (including electricity use within manufacturing) and is continuing to grow at the rate of 6 – 7 % every year. Most of these sub-sectors are key to the current or future Indonesian economy as measured by a variety of statistics including their value added (textile, garments, transportation equipment, food and beverage), annual growth rate (auto parts, non-metallic minerals), or economic multipliers (food and beverage, textiles).

This pioneering Public Private Partnership Project jointly funded and implemented by PT TÜV NORD Indonesia and DEG will target the cement, iron and steel, textile, palm oil and power industries, which are the largest emitter of GHG. The PPP will work towards initiating a low carbon economy in Indonesia through awareness raising, capacity building and pilot implementation.

PROJECT ACTIVITIES/DELIVERABLES



1. Project Launch and Mass Awareness Campaigns

Will be organized in at least 3 locations in Indonesia to promote the topic of climate change and the concept of low carbon economy and to disseminate promotional campaign materials such as quick reference cards, posters, and banners.



2. Multistakeholder Dialogue

Two multistakeholder dialogues will be conducted with the targeted industries, chambers, local associations, NGOs, and government agencies to fine tune and crystallize the capacity building needs of the industry.



3. Training Content Development

Training content benchmarking international standards and best practices will be developed to help participants understand and implement basic carbon footprint calculation, GHG inventories, energy conservation and material efficiency measures.



4. Train-the-Trainer Sessions

Five-day Train-the-Trainer sessions will be held in at least 2 locations to develop a total of 30 local trainers.



5. E-learning Toolkit

Training content will be developed in e-learning format for self-learning and implementation.



6. Web Portal

A web portal will be developed to disseminate project information online and provide relevant sources for those interested in climate change and low carbon economy topics.

7. E-news letter

The e-news letter will be distributed among stakeholders and posted on the website as well to spread project updates and other related developments worldwide.

8. Database Development

A database of service providers on carbon services, GHG emissions verification and validation, and on technology services for reducing carbon footprints will be developed and made available online.

9. Calculator Development

Tools such as Carbon Footprint Calculator, Energy Calculator, and Energy Conversion Calculators will be designed and distributed to all participating companies.

10. Quarterly Review Forums

These one-day forums will be a venue to exchange best practices and clarify queries during implementation.

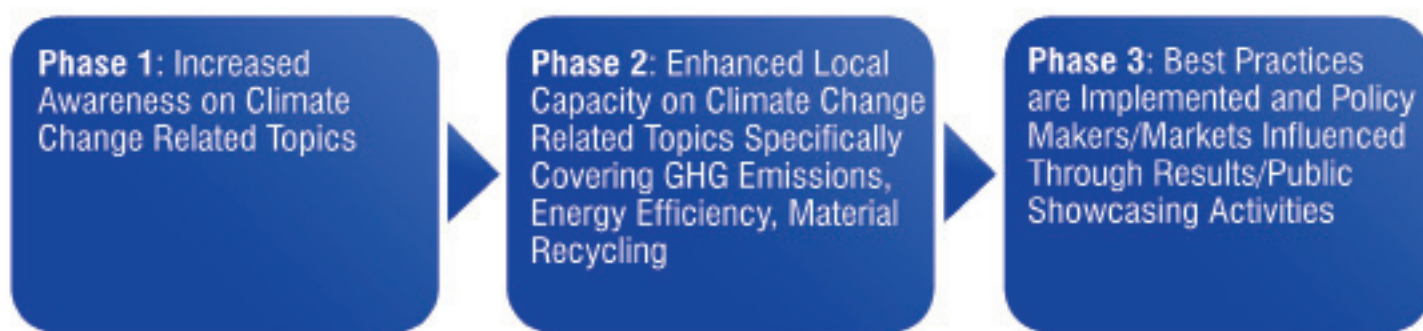
11. Audit and Assessment

15 companies will be selected and audits will be conducted by the local trainers with guidance from technical experts.

12. Closing Ceremony

The results of the project will be shared in a closing ceremony with participants from major stakeholders groups. Awards will be given to companies that participated in the assessments and to the local trainers. At least 100 e-learning kits will be distributed to target sectors.

METHODOLOGY



BENEFITS

Joining this pioneering PPP project will enable you to contribute to the project's development agenda to establish structural impact on the manufacturing sector by reducing GHG emissions. **You will also greatly benefit from free participation and access to the following:**

- Promotional campaigns, awareness trainings, and multi stakeholder group sessions.
- Training Materials with standards benchmarked on ISO 14064, World Resources Institute Green House Gases Protocol, and ISO 50001.
- Train the Trainer Workshops that will help you understand and implement basic carbon footprint calculation, GHG inventories, energy conservation and material efficiency measures
- E-learning Kit, E-newsletter, Web Portal and Best Practices Exchange Forum which will further enhance your capacity to share and learn from the updates from a wide network of participating companies.
- Energy audits and assessment conducted by local trainers and technical experts for 15 selected companies.





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 Nord Indonesia

With over 10,000 employees in more than 70 countries of Europe, Asia, America and Africa, the TÜV NORD Group is an active player in certification, testing and Inspection services. TÜV NORD's broad consulting, service and testing/inspection portfolio encompasses both specific individual tests/inspections and also management of complex safety solutions. PT TÜV NORD Indonesia, a member of the German TÜV NORD Group, is established and fully equipped to determine a tailored solution to the needs of customers on management system, product certification, training on productivity & continual improvement combined with independent third party certification.



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.

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