# BENEFITS



**T**<sub>i</sub>**NNORD** 

# SEQUA

SEQUA GmbH is a development organization operating worldwide that promotes the development of the private sector and its business membership organizations as well as qualification of skilled employees and managers. Its programmes and projects are both publicly and privately funded and are oriented at the principles of a social market economy. Sequa is a non-profit company whose shareholders are Germany's top business membership organizations (DIHK, ZDH, BDA, BDI) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

## TÜV NORD Indonesia

TÜV NORD Indonesia is operating since 2002 and offers the complete package of technical services, supervisions, certifications and training courses from a single source. It offers System Certification (ISO 9001, ISO 14001, ISO 50001, CDM, RSPO, etc.), Product Certification (GS marketing, CE marketing and SNI marketing) and Food Safety Services. It also has a TÜV academy for the development of technical skills that held ca. 4% of the sales in 2011.

## Asia Society for Social Improvement and Sustainable Transformation (ASSIST)

to achieve real and sustainable progress.

### University of Indonesia (UI)

Ul represents one of the oldest and most experienced educational institutions in Asia. As a world class research university, UI seeks to achieve the highest level of distinction in the discovery, development and diffusion of advanced knowledge in various scientific programs. Ul has a Center for Energy Studies that undertakes research and technical training in energy-related fields.







University of Gadjah Mada (UGM)

LSP HAKE

Universitas Gadjah Mada (UGM) is the oldest and the largest state university in Indonesia. The University is located in The Special Region of Yogyakarta, one of the smallest provinces in the country, which has been widely known as the center of Javanese culture as well as the center of learning. The Special Region of Yogyakarta focuses its development on three inseparable pillars: education, culture, and tourism.

# investment opportunities.



EKONID AHK

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## University of Gadjah Mada (UGM)

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UPLIFT is a Public-Private Partnership project with a developmental agenda in implementing energy management courses in Indonesia in partnership with private training institutions and the academe.

Joining and supporting the project will initiate the compliance of energy management programs of companies in Indonesia and thus, increase the awareness in up-scaled energy management programs. The target group will have:

- Free training of faculty members from the universities
- Increased human local capital in the field of energy management
- Subsidized consultations and workshops from the ToT (Train-the-Trainer) sessions
- Subsidized technical assistance in implementing energy management programs in selected five (5) anchor companies
- Significant energy savings through employment of accredited energy professionals and successful implementation of energy management programs
- Available up-scaled curriculum that addresses the current energy management program needs in Indonesia
- Public access of Energy Management materials through the Web portal

# SEQUA D-53111 Bonn

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ASSIST is a non-profit capacity building organisation that works on issues ranging from climate change, energy efficiency, and renewable energies to human rights, democracy and good governance. ASSIST promotes the philosophy of Partner to Progress (P2P) and continues to communicate, collaborate and capacitate with key stakeholders from industrial & social sectors

Himpunan Ahli Konservasi Energi (HAKE) is a training organization which certifies energy managers.

### German Chamber of Industry and Commerce (EKONID)

EKONID represents the bilateral business interests of Indonesian and German member companies and institutions. Acting as a strategic interface between the German and Indonesian economies, EKONID supports companies and institutions from both countries in opening up new trade and

### National Chamber of Industry and Commerce (Kadin Indonesia)

Kadin Indonesia aims at fostering and developing the capabilities, activities and interests of State enterprises, cooperatives, associations and private companies as national economic actors in order to improve the business climate and realize economic growth.

# ASSIST

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## University of Indonesia (UI)

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UPGRADING AND LEVERAGING INDONESIA TO

FORTIFY ENERGY EFFICIENCY THROUGH ACADEMIC AND

**TECHNICAL TRAININGS FOR ENERGY MANAGEMENT PROFESSIONALS** 

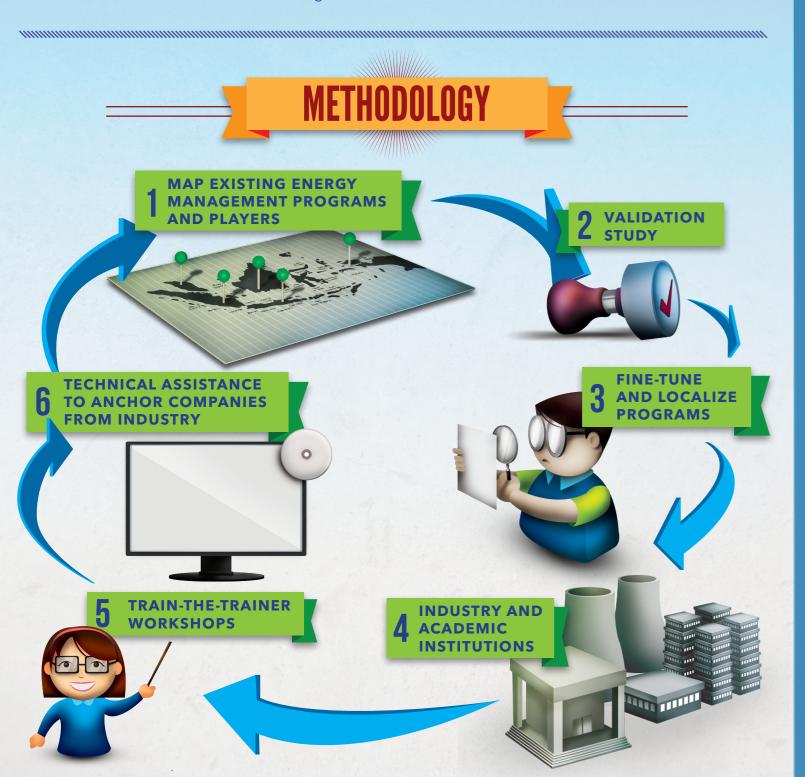




## Indonesia's rapid economic development over the past decade largely contributed to Indonesia being today's world's third largest emitter of greenhouse gases (GHG), next to the United States and China where the industrial sector is the country's largest energy consumer with a share of 44.2% of total energy demand.

**PROJECT BRIEF** 

Global calls to reduce GHG emissions prompted the Indonesian government to develop several energy management programs but with lack of capacity to implement them. Hence, the project addresses the problem by up-scaling and developing local pools of well-trained and accredited energy professionals who can efficiency implement these programs in industries and enterprises through training offers in partnership with private training institutions and the academe.



# PROJECT ACTIVITIES



# Analysis of existing energy

management programs and players



# **AWARENESS FORUMS**

Two General Awareness Forums (1/2-day) will be conducted for multi-stakeholders from major industries, training institutions and the academe



# **TECHNICAL ASSISTANCE TO 5 ANCHOR COMPANIES**

Five selected anchor companies in Indonesia will be provided with technical assistance in the implementation of the program(s)



## ROUNDTABLE DISCUSSION

Introduction of the project to key stakeholders



## **VALIDATION STUDY**

Identification of one or two energy management programs to promote amongst industry and academe

## **FINE-TUNING/CURRICULUM DEVELOPMENT**

Curriculum for a training of energy managers for industry will be developed And a basic version of the training program will be tailored for universities



# **TRAIN-THE-TRAINER WORKSHOPS**

Conducted by experts from TÜV Nord, academic institutions and/or energy associations



# **TRAINING FACULTY MEMBERS**

Facilitated by the successful trained energy professionals from the ToT Workshops



# PILOT **IMPLEMENTATION OF ENERGY** MANAGEMENT COURSE

Training institutions and TÜV NORD Academy will deliver a course for energy managers and a basic industrial energy management course will be introduced to students in the universities as an elective course



## **WEB PORTAL**

A web portal will be launched to make available to the public the Energy Management Program materials developed



## **BEST PRACTICES FORUM**

Presentation of the project's achievements and sharing of valuable experiences and lessons learned from the industry and academe

