

UPLIFT

UPGRADING AND LEVERAGING INDONESIA TO
FORTIFY ENERGY EFFICIENCY THROUGH ACADEMIC AND
TECHNICAL TRAININGS FOR ENERGY MANAGEMENT PROFESSIONALS

PROJECT OVERVIEW

Mr. Kama Neson Ganeson
Project and Grants Management Director
ASSIST

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OUTLINE



- ☐ Background
- ☐ Project Partners
- ☐ Objective
- ☐ Activities
- ☐ Benefits

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PROJECT BACKGROUND



- Indonesia is the **world's third largest emitter of greenhouse gases (GHG)**, next to the United States and China. Factors include:
 - I. Relative political stability
 - II. Rapid economic development
- The **industrial sector is the country's largest energy consumer** with a share of **44.2%** of total energy demand.
- The Indonesian government responded to global calls to reduce GHG emissions and developed several energy management programs.

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PROJECT BACKGROUND



- However, an **identified barrier remains the lack of capacity to implement** these systems in the companies.
- Hence, there's a **huge need to develop local pools of well-trained energy professionals** who can implement energy efficiency and conservation measures in industries and enterprises.
- Also, **training and accreditation of energy professionals** need to be advocated and up-scaled.

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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.



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.)

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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. It promotes Partner to Progress (P2P) philosophy to achieve real and sustainable progress.



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

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University of Indonesia represents one of the oldest and most experienced educational institutions in Asia. UI has a Center for Energy Studies that undertakes research and technical training in energy-related fields.



EKONID represents the bilateral business interests of Indonesian and German member companies and institutions. EKOIND supports companies and institutions from Germany and Indonesia in opening up new trade and investment opportunities.

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Himpunan Ahli Konservasi Energi (HAKE) is a training organization which certifies energy managers under PP-70.

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PROJECT OBJECTIVES



General Objectives

- ☐ **Implement training offers** in the field of Energy Management
- ☐ Introduce and establish **short course on Basic Industrial Energy Management** in two Indonesia universities
- ☐ Introduce and establish **training programs for energy managers** from energy intensive industries and others at three training institutes

Target Groups

- ☐ **University students** from disciplines like Industrial, Electrical and Environmental Engineering
- ☐ **Energy professionals** connected to energy-intensive industries

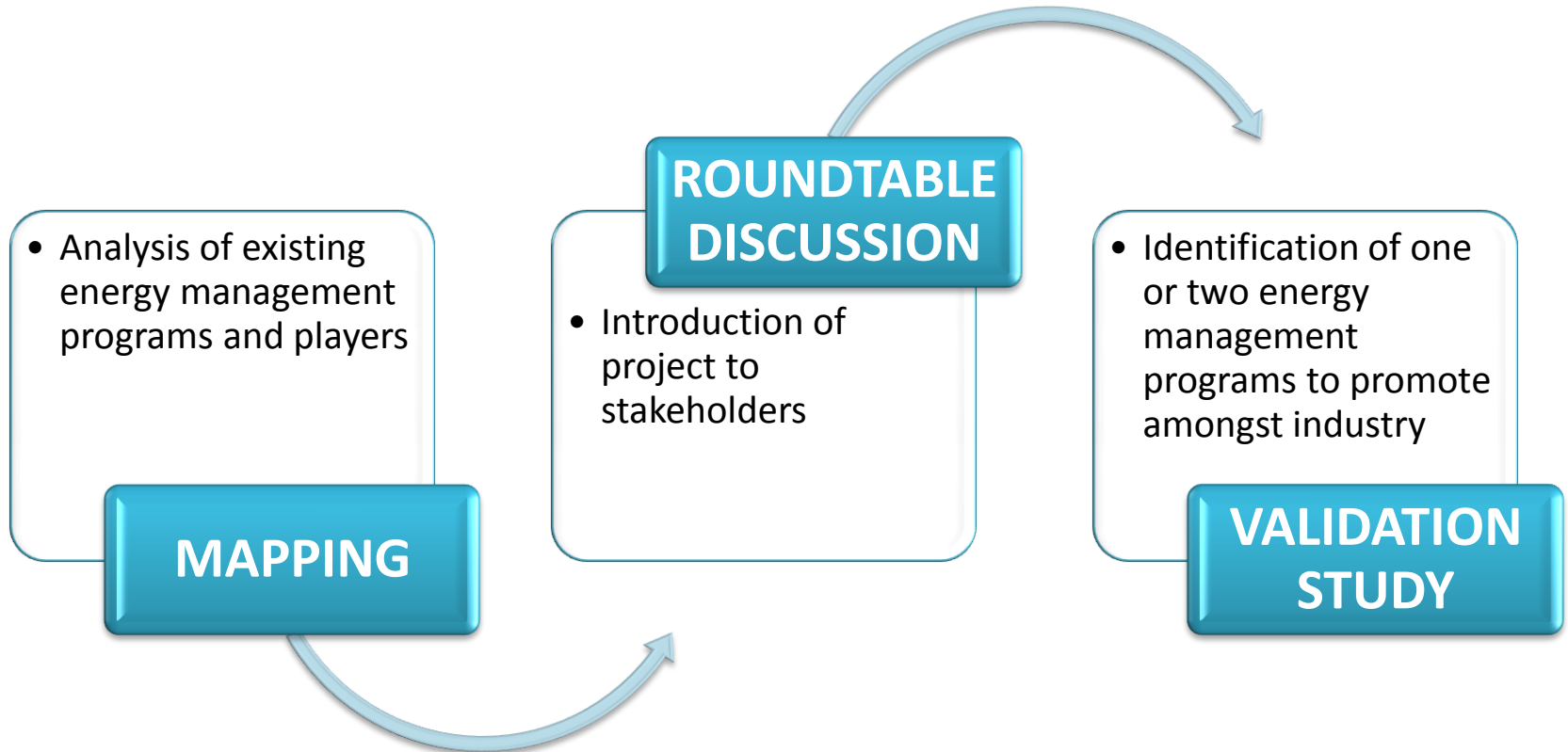
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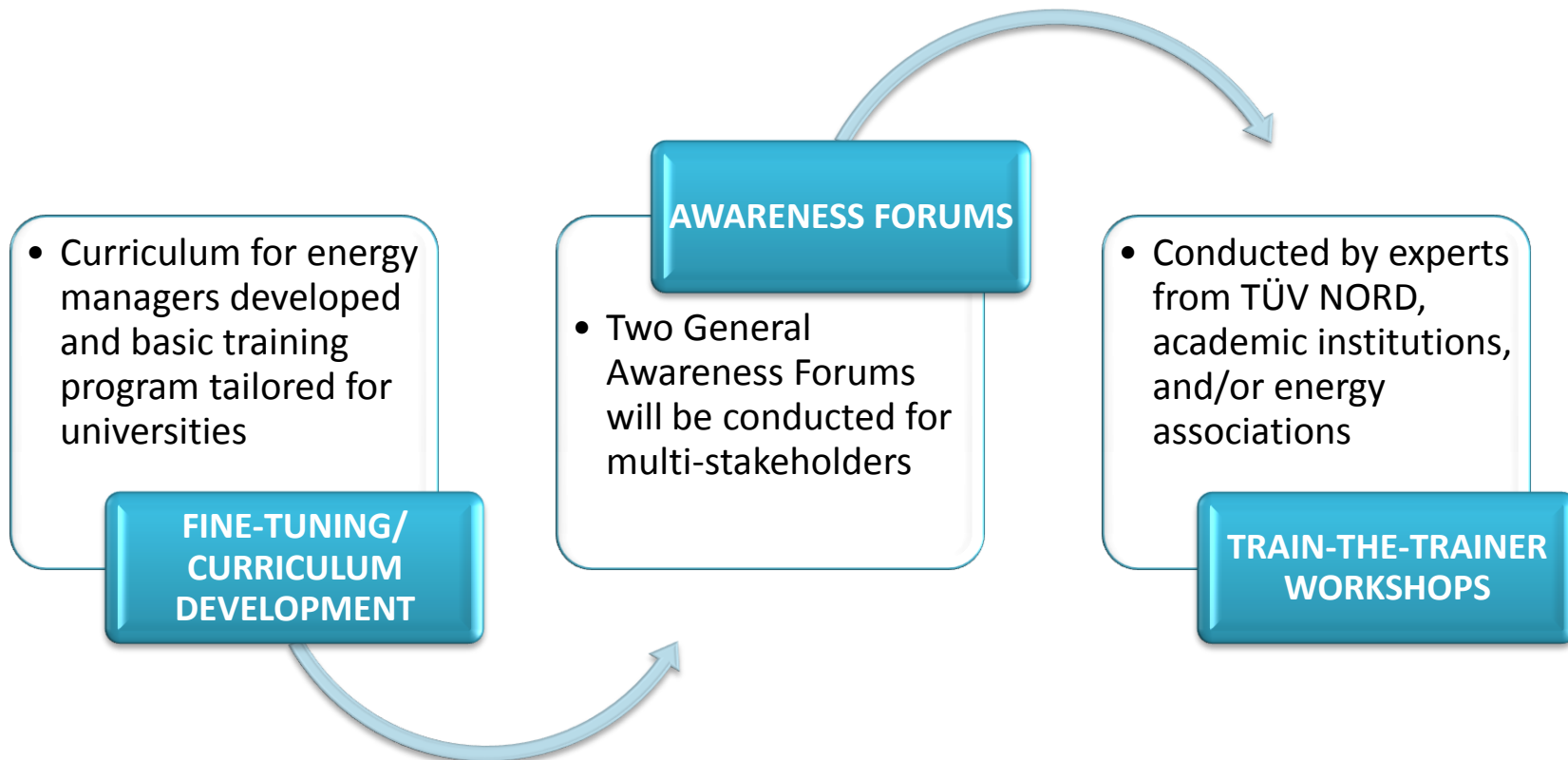
PROJECT ACTIVITIES



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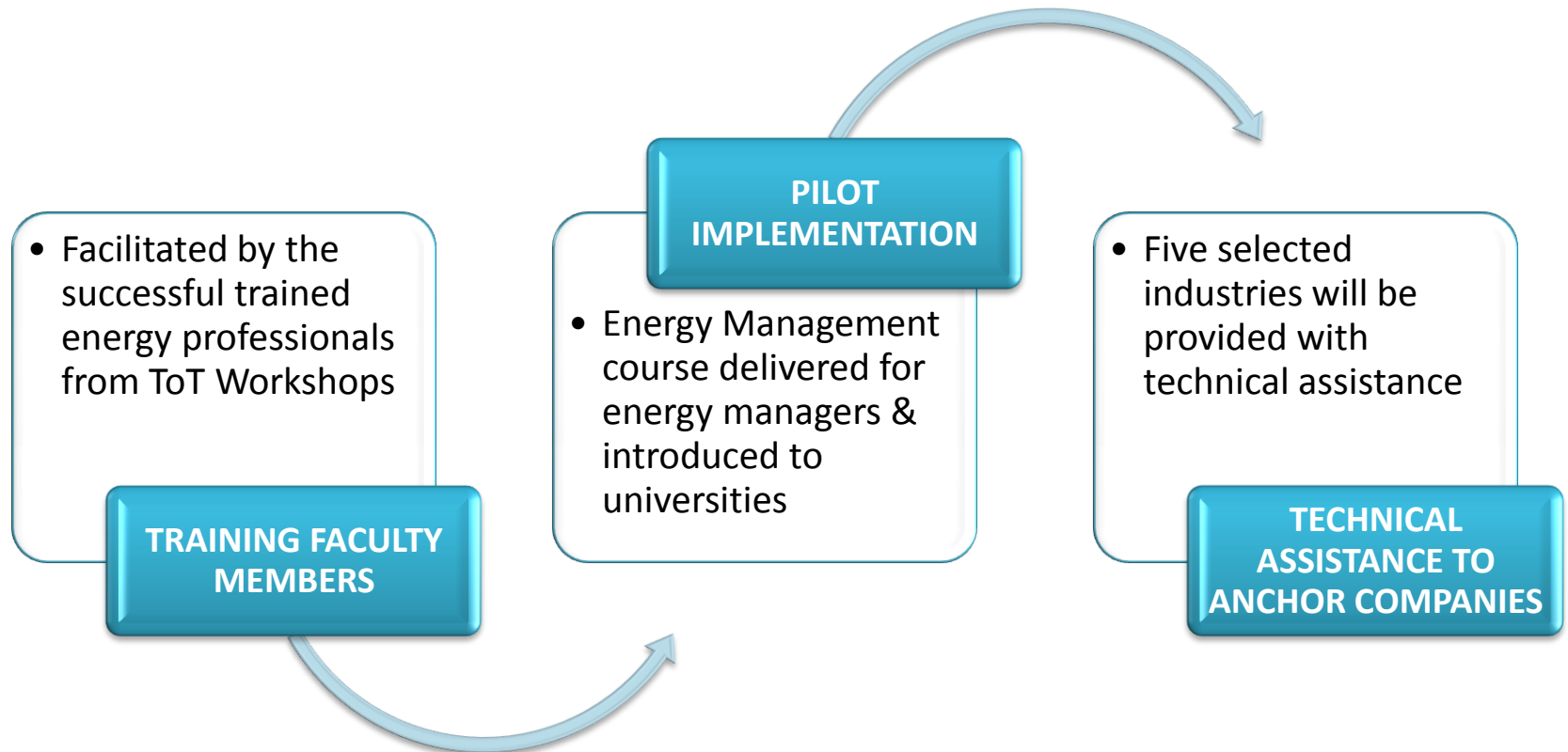
PROJECT ACTIVITIES





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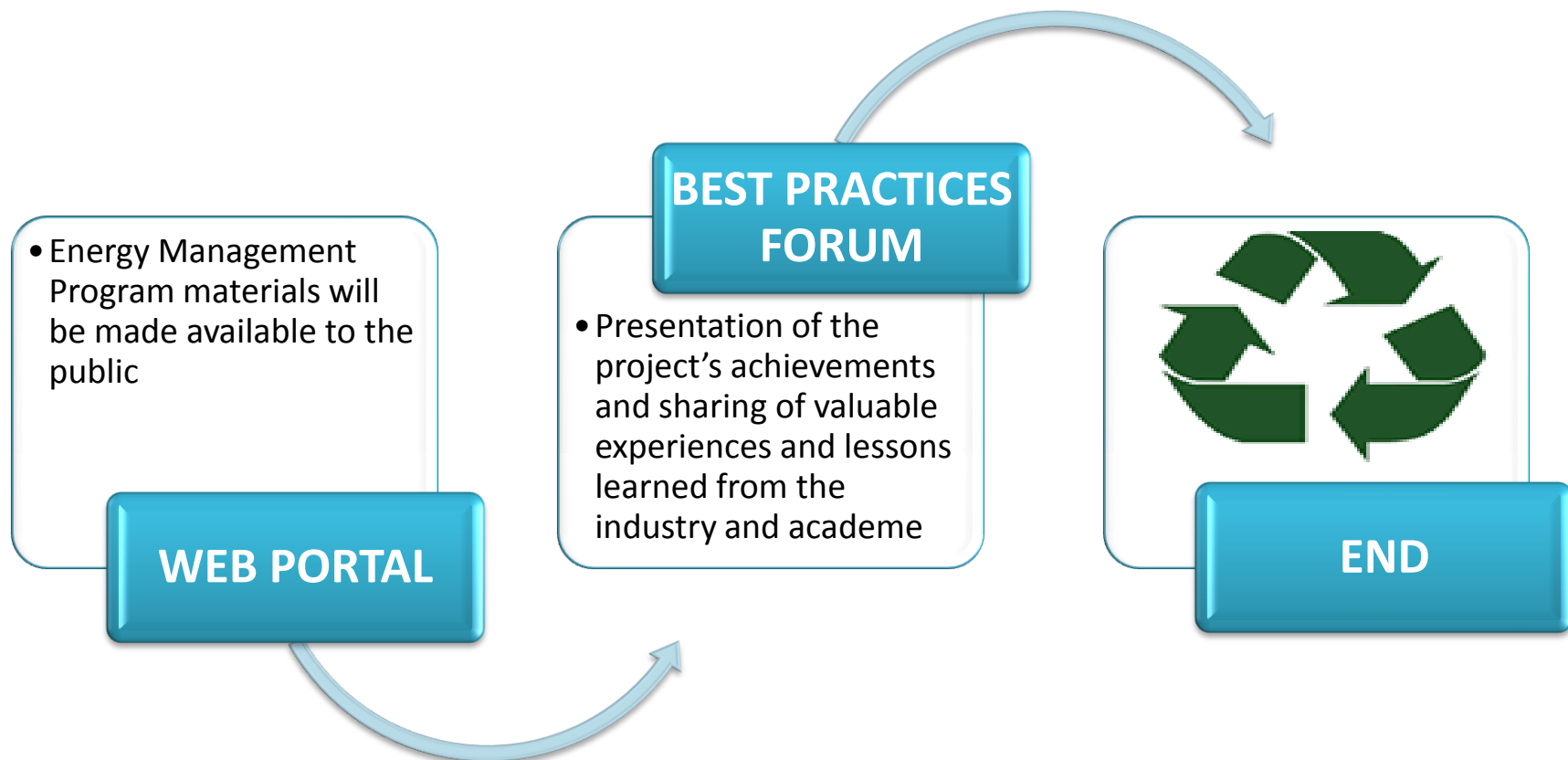


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PROJECT BENEFITS



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

Public access to Energy Management materials through the Web Portal

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PROJECT BENEFITS



Subsidized technical assistance in implementing energy management program in selected anchor companies

Available up-scaled curriculum that addresses the current energy management program needs in Indonesia

Significant energy savings through accredited energy professionals and successful energy management programs

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THANK YOU!

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