



Establishment of the ASEAN Energy Manager Accreditation Scheme

The Challenge

- Energy cost is quite low in comparison to total production cost (5-10% in most industries), therefore decision-makers pay little attention to energy management;
- Investment in energy management activities and in energy efficient technologies is often analyzed from the up-front cost perspective without taking future savings into account; and
- “Energy managers” training courses already exist in many countries, but the contents are often limited to technical/technological aspects. Energy managers usually do not get access to decision-makers within their organization, and find it hard to secure financial and human resources for implementing energy saving measures

The Path to Improvements

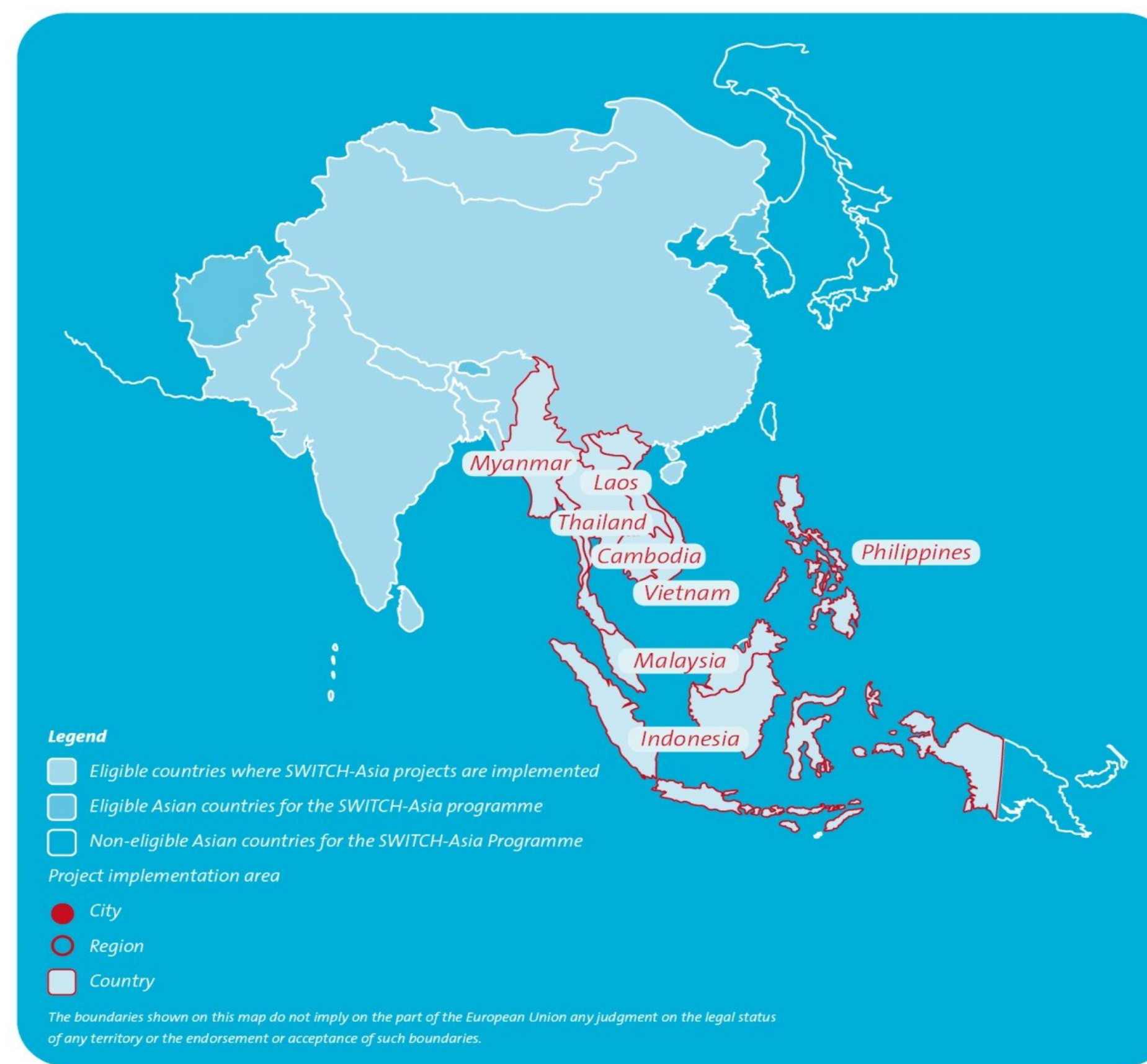
- By providing training on the managerial aspects of energy management, AEMAS will build the managerial skills of energy managers;
- By providing accreditation to energy managers that are recognized in the whole ASEAN region, AEMAS will improve the social and professional standing of energy managers. Accredited energy managers will get more attention within their own organization and be integrated into the decision-making circle;
- By providing possibilities of certification for end-users who implement a sustainable energy management system and who hire an accredited energy manager, AEMAS will stimulate demand for certification and therefore implementation of sustainable energy management systems in end-users; and
- AEMAS will be linked to the upcoming ISO 50001 Energy Management Standard

In a Nutshell

The Project will establish the ASEAN Energy Manager Accreditation Scheme (AEMAS) through which it will train (and accredit) energy managers who will then implement sustainable energy management systems within their industries. Upon adoption and implementation of a sustainable energy management system, energy-intensive industries will be able to seek for certification under the AEMAS. Certification will be obtained only after demonstrating actual implementation of a sustainable energy management system and achievement of measurable energy savings.

The Project and its Impact

- 103 local trainers and 103 local auditors trained and accredited;
- 3,700 energy managers trained and accredited;
- 80% of AEMAS accredited energy managers promoted to higher positions and achieved 10% salary increase;
- 2,300 companies certified, which means that they have implemented a sustainable energy management system;
- Actual energy savings from certified energy end-users amount to 70,000 MWh; and
- 55,000 tons of CO2 emission reductions achieved by AEMAS certified intensive energy end-users



AEMAS covers all 10 ASEAN countries and receives strong support from the ASEAN Secretariat and from the 10 ASEAN Ministers of Energy, as it was endorsed at the last AMEM/SOME meeting in June 2010 in Dalat, Vietnam. The AEMAS Regional Steering Committee is composed of the 10 ASEAN Energy Efficiency & Conservation Sub-Sector Network Focal Points (nominated by their respective Senior Official on Energy) .



The Outreach Strategy

In each ASEAN country, the AEMAS Country Coordinator will establish its AEMAS Country Chapter, composed of key intermediary organizations such as federation of industries, professional bodies, training institutes, universities, equipment suppliers, and media. The AEMAS Country Coordinator and the country's ministry of energy (or equivalent), will steer the Country Chapter. This network of organizations will mobilize their own networks to maximize outreach to the target groups. With official and strong back-up from the national ministries of energy, AEMAS will host important events on energy efficiency and get important media coverage. AEMAS will also be directly linked to ASEAN governments' policy and programs on energy efficiency.

Two international conferences will be organized, as well as 26 national conferences, all officially supported by national ministries of energy (or equivalent). For training of energy managers, over 150 workshops will be organized.



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Project Partners:
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Energy Efficiency Practitioners Association of the Philippines (ENPAP); Myanmar Engineering Society (MES)

Project Partners:
GreenTech Malaysia; Pelangi of Indonesia; and
Research Center for Energy & Environment (RCEE) of Vietnam