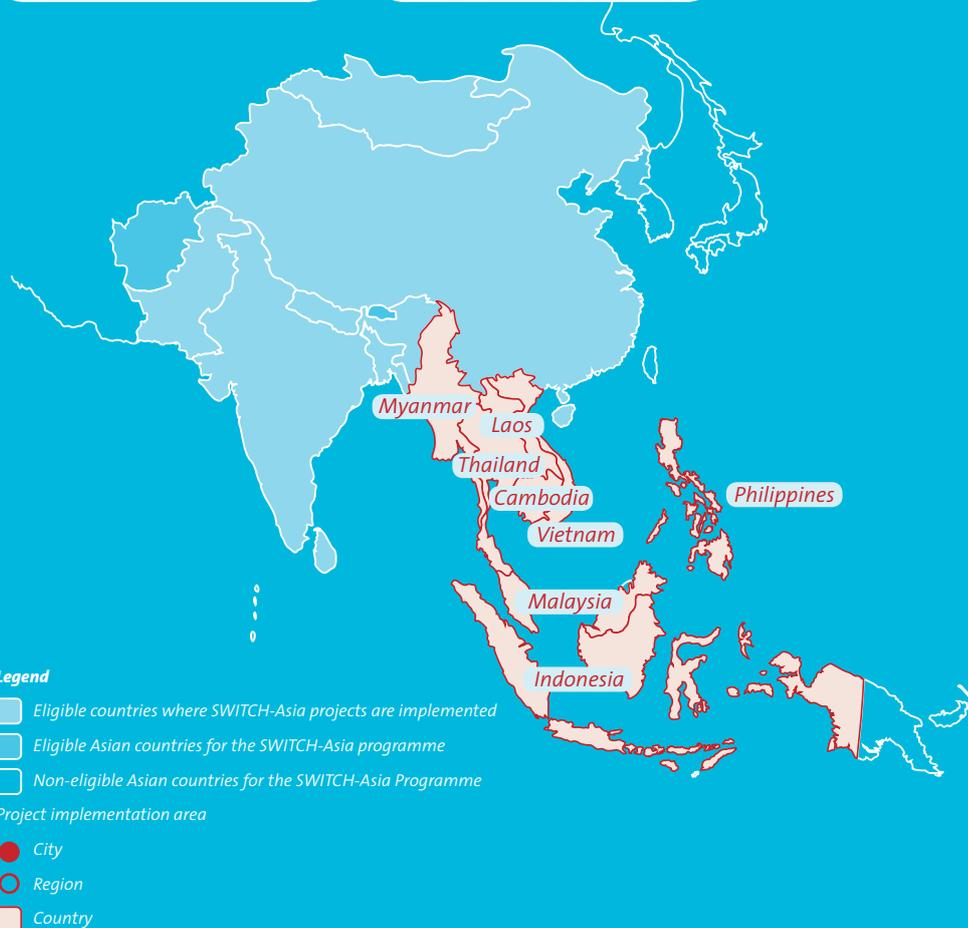




PROJECT PROGRESS SHEET ESTABLISHMENT OF THE ASEAN ENERGY MANAGEMENT SCHEME (AEMAS)



The boundaries shown on this map do not imply on the part of the European Union any judgment on the legal status of any territory or the endorsement or acceptance of such boundaries.



BRIEF PROJECT DESCRIPTION

The Project will establish the ASEAN Energy Management Scheme (AEMAS) through which it will train and certify energy managers who will then implement sustainable energy management systems within their industries/companies. 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.

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).

Objectives of the project:

- By providing training on the managerial aspects of energy management, AEMAS will build the managerial skills of energy managers;
- By providing certification to energy managers that are recognized in the whole ASEAN region, AEMAS will improve the social and professional standing of energy managers. Certified energy managers will get more attention within their own organization and be integrated into the decision-making circle;
- By providing 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 complement the upcoming ISO 50001 Energy Management Standard

To attain the above-mentioned objectives, we have implemented various initial activities according to our logical framework. To smoothly start the project on an ASEAN-wide basis, a kick-off meeting for the project partners has been conducted in March 2010 to discuss the regional and national institutional set-up of the project alongside with the major activities that should be spearheaded. Various preparations have been done with the local governments and stakeholders in the likes of local meetings and advisories with relevant institutions and agencies.

To lay out regional support and mechanisms, a regional project steering committee composed by focal points and representatives from each ASEAN member state had been held in June 2010. Protocols, procedures, rules and regulations have been thoroughly discussed, among others. Two project partners' meetings on June and December 2010 have been implemented in the next half of the project to monitor the partners' progress and discuss the next activities.

Preparation of visibility and marketing tools were also underway. The last major event held were the trainer's workshop in Bangkok last December 2010.

PROJECT PARTNERS

ASEAN Centre for Energy (ACE),
Action for Sustainable Development (ASD),
Pelangi Indonesia, GreenTech Malaysia,
Myanmar Engineering Society (MES),
Energy Efficiency Practitioners Association of the Philippines (ENPAP),
Copper Development Centre (CDC-SEA),
Research Centre for Energy and Environment



PROJECT WEBSITE

www.aemas.org

PROJECT ABBREVIATION

AEMAS

PROJECT DURATION

February 2010 - January 2014

TARGET GROUPS

- Action Partners, led by the ASEAN Centre for Energy (ACE) who will act as the AEMAS Regional body to coordinate the concerted efforts towards the achievement of the AEMAS objectives. Partners include Action for Sustainable Development (ASD) of France which have promoted RE and energy efficiency in Asia since 2006, Copper Development Center Southeast Asia (CDC SEA) of Thailand which has envisioned quality programs in the field of health, technology and energy, Energy Efficiency Practitioners Association of the Philippines (ENPAP) that promotes utilization of energy efficient technologies and energy management, Green Technology Corporation of Malaysia (GreenTech) which is an independent and NPO supporting the Malaysian government in formulation and implementation of green technology programs, Myanmar Engineering Society (MES) which is an NGO that promotes HRD and supports the government in its energy initiatives, Pelangi of Indonesia which is an NGO working in policy analysis sector and Research Center for Energy and Environment (RCEE) of Vietnam that is an NPO active in promoting EE, RE and GHG emission reduction.
- Governments, mostly Ministries in charge of energy efficiency and conservation policy implementation in the ASEAN Member States who will endorse the establishment of AEMAS and provide invaluable government support and official recognition. They will form the AEMAS Regional Steering Committee that will fast track the adoption of energy efficient production processes to reduce the burden on energy resources, increase security of supply and reduce emission of greenhouse gases. They will also head the AEMAS National Steering committee in their respective countries.
- Energy efficiency advocates, industry federations, professional institutes and training institutions, who share the same interest and objectives with AEMAS to promote energy efficiency in industries, build capacity of energy professionals or provide services to industries. Being influential, well-established and recognized organizations, they will be instrumental in creating visibility, promoting the Action, ensuring its sustainability and creating the expected multiplier effect. They will also assist the Action Partners with their networking and dissemination capabilities.
- Energy-intensive industries including small and medium enterprises (SMEs) engaged in industrial production, who is the main receivers of improved energy consumption to achieve significant energy savings and reductions in greenhouse gases.
- Energy managers, factory managers, heads of finance department, general managers of energy-intensive industries, who will be trained and certified as AEMAS energy managers to implement sustainable energy management system in their companies/organizations.
- Energy consultants, energy auditors, ISO auditors, who will become certified AEMAS trainers and auditors to improve their sustainable energy management system knowledge and their professional standing.

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E-MAIL



OUTPUTS UNTIL DECEMBER 2010 TO BE SHARED WITH WIDER AUDIENCE



*1st Regional Project Steering Committee,
10 June 2010, Hanoi, Vietnam*

- Three project partners' meetings – progress reports will be published on the AEMAS website (website is currently under development)
- Regional project steering committee meeting
- Finalization of the training curricula (will be posted in the website)
- 18 Country Experts trained and certified

For info:

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RESULTS ACHIEVED TILL JANUARY 2011

The project has successfully worked with all the stakeholders through conduct of various meetings and a regional workshop.

Initial meetings were held with government ministries in-charge of energy, trade and industry, environment and natural resources, science and technology, finance and budget, health to introduce the AEMAS concept followed by meetings with professional organizations, business associations, financial institutions, non-government organizations, energy efficiency advocacy groups, chamber of commerce, federation of industries, small and medium enterprises, energy and environmental consultancy groups, training centers and colleges/universities.

In addition, discussion with the Energy Efficiency & Conservation Sub-Sector Network Focal Points (EE&C-SSN FP) on AEMAs and its role in the coordination of ASEAN regional policies on energy efficiency and conservation towards inducing a change in production processes using

less energy-intensive methods had been greatly beneficial to reach out to the respective target groups as government plays a key role in the success of the activities.

The Project is now starting to contribute into the social and economic aspects through successfully training and certifying 18 AEMAS Country Experts which will in turn train local AEMAS trainers and screen local AEMAS auditors in their respective countries.



OUTREACH AND SYNERGIES

In October 2010, project representatives attended the conference in China organized by the Switch Asia Network which provided a platform in networking and linking with other EU projects. This networking event can be beneficial to the project in sharing and exchanging experiences.

In addition, the AEMAS Country Coordinator in each country will establish the AEMAS Council, 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 Council. 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 as part of the ASEAN Plan of Action for Energy Cooperation (APAEC 2010-2015) to meet the goals of the ASEAN Community by 2015.

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. One of the international conference and 6 national launching conferences will be held in October and June 2011, respectively.

Negotiations are underway requesting the inclusion of United Nations Environment Programme (UNEP) as AEMAS Project Associate due to synergies between AEMAS and UNEP's program called "South East Asia Network of Climate Change Focal Points".

ADDITIONAL HIGHLIGHTS OF THE PROJECT

GreenTech, a project partner in Malaysia, has been very involved and very active in promoting and implementing the project in the country. The project has been presented in different symposiums, conferences and workshops. Even without the official launching conference yet (which is scheduled to be in the 2nd quarter of 2011), the project has been well promoted and campaigned. GreenTech has also started accepting applications for the energy manager training programs/exams and will soon start its first batch of AEMAS training.



*Training-Workshop for AEMAS Country Experts,
13-15 December 2010, Karnmanee Palace Hotel,
Bangkok, Thailand*