



Conference & Solution Workshop

Thai-German Renewable Energy Community, October 20-21, 2015

GIZ and the Thai Ministry of Energy (MoEN) jointly organize the “Thai-German Renewable Energy Community Conference and Solution Workshops” on October 20-21, 2015 in Bangkok. The conference follows up on a first event which took place in October 2013 and marks the start of an annual series of conferences to support renewable energy project development in Thai communities in the context of the Project Development Programme implemented by GIZ on behalf of the German Federal Ministry for Economic Affairs and Energy (BMWi).

Community-Based and Decentralized: The Energy System of the Future

The sustainable energy infrastructure of the near future will look fundamentally different than today's. Instead of central large generation capacities decentralized renewable energy generation in close coordination and communication with local consumers will be prevalent. Community-based renewable energy projects have the potential to form a central piece of that energy network of the future. The decentralized development of renewable energy projects or even fully renewable villages, municipalities or regions has the potential to create local jobs, generate new tax revenues in communities, and improve the purchasing power in the region. Local value creation and energy security are the buzzwords that describes



these advantages of a decentralized energy revolution, and the transition empowers people in the region to benefit from a sustainable energy development in many ways. The local use of available resources can help to increase income in the region and new business opportunities are created with citizens being able to participate and profit from renewable energy investments. Involving the local community strongly increases awareness and acceptance for renewable energy on a local level.

Facilitator



Towards Thai-German Renewable Energy Communities

In Germany, communities play an important role for the development of renewable energy projects. Many thousand renewable energy systems are operated locally in communities by a variety of actors. More than 40% of all RE capacity in Germany is in the hand of citizens. Over 900 energy cooperatives are currently active in Germany owning a total of 700 MW installed capacity. Sharing such experiences with Thai communities will make them more aware of the benefits of local energy production.

In difference to fossil fuel-based generation, the value remains on-site in the form of income, jobs, corporate profits, as well as avoided fuel costs, taxes, and charges in the local economic cycle. Those funds increase the scope of action for local authorities: schools can be renovated, roads can be repaired, clubs or associations can be promoted.

The Project Development Programme (PDP) implemented by GIZ on behalf of the German Federal Ministry for Economic Affairs and Energy (BMWi) supports the Ministry of Energy (MoEN) in Thailand in increasing the deployment of renewable energy technologies in the country.

Objective of the Conference

The Conference

- serves as a kick-off event to establish Thai-German Renewable Energy Communities;
- is the first of a series of three (annual) conferences organized within the project timeframe 2015-2018;
- raises awareness and advances the discussion on Renewable Energy Communities and transfers know-how between Germany and Thailand;
- shall be a forum for Thai communities and cooperatives to exchange knowledge and best practices on RE;
- serves to identify active communities in Thailand that GIZ and MoEN can support further.

Target Group of the Conference

- Thai community representatives or local citizens who are interested in developing their own RE project together with Thai and German private sector partners.
- Thai public officials involved in the regulation of decentralized energy development (PEA, MEA, ERC, DEDE, EPPO, EGAT, Provincial Energy Officers; national and regional level).
- Thai and German technology suppliers, investors and project developers who understand the particular challenges of CBRE projects and intend to develop Thai-German renewable energy communities.
- Media representatives interested in deepening their understanding of the topic.



Objective of the Solution Workshops

Goal of the solution workshops is to screen these first project proposals by communities. Thai communities with concrete project ideas for the deployment of renewable energy technologies will present their cases to the team of Thai and German experts in one of the four working groups. The experts will then evaluate the project ideas, and give recommendations to the communities.

The team of consulting experts will consist of German company experts such as project developers, technology or service providers, as well as Thai experts or experienced community representatives such as Thai communities that have successfully realized projects. Every working group will be moderated by an experienced moderator.

The working groups will be formed according to the topics of the presented project ideas: PV, biogas, biomass and agricultural solutions. The number of participants will be limited to app. 20 in each working group in order to achieve a good working environment. If there are several communities interested in one topic, they can be grouped into one working group, or several working groups on the same topic (for example rooftop PV) will be formed.

Target Group of the Solution Workshops

- Thai communities that want to do projects, or have failed with projects before and want to improve them;
- Provincial Energy Officers responsible for a community project;
- Thai cooperatives interested in becoming active in producing renewable energy.

Call for Ideas

We would like to encourage active communities and cooperatives, private actors and local leaders to present their ideas at the solution workshops. It does not matter if you only have a rough idea, or already a full concept. The team of German and Thai experts will help you to improve your project idea, and identify the right technology solutions.

Language

Presentations will be given in Thai and English. Simultaneous translation to will be available.