

Community-Based Renewable Energy Project

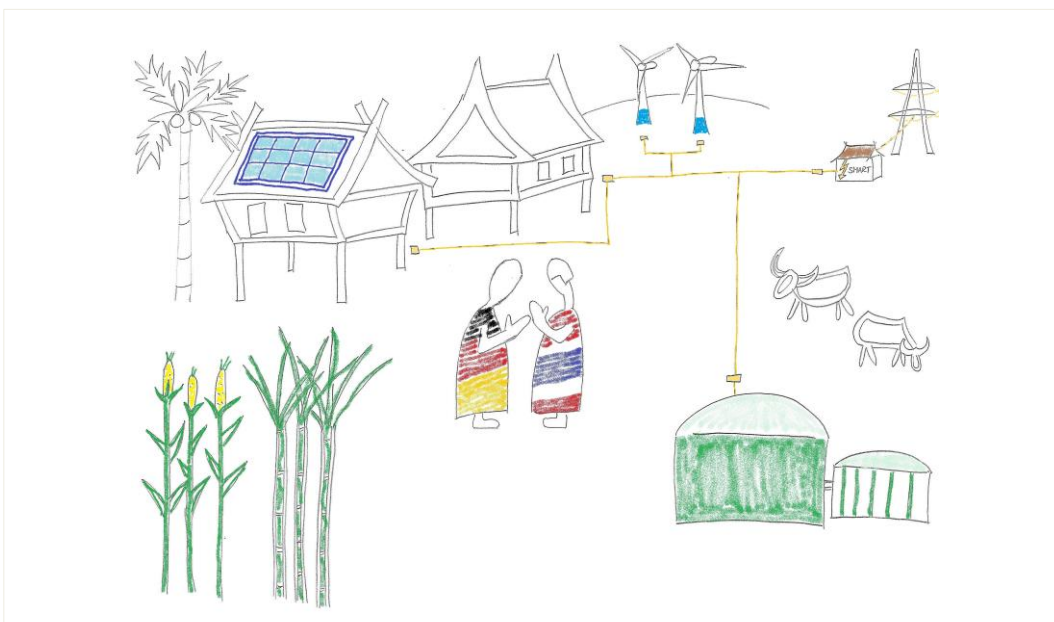
The Project Development Programme (PDP) implemented by GIZ on behalf of the German Federal Ministry for Economic Affairs and Energy (BMWi) supports the Ministry of Energy (MoE) in Thailand in increasing the deployment of renewable energy technologies in the country. Thailand has ambitious policy targets for renewable energy and is the market leader for such technologies in Southeast Asia. Under the current political framework, several initiatives focus on the community level with the goal to promote sustainable energy production on a decentralized level. In accordance with MoE's goals, GIZ focusses on increasing the deployment of renewable energy in communities, regions and provinces in Thailand by sharing German experience and know-how. Since especially small and medium sized companies are the carrier of knowledge and technology in this regard, the strategy of the project is to trigger business cooperation between German and Thai companies, while allowing local communities to directly profit from renewable energy projects.

What is the goal of the Project Development Programme?

It is the aim of PDP to develop a Thai-German Community-Based Renewable Energy (CBRE) project jointly with MoE. In Germany, communities play an important role for the development of renewable energy projects. 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. PDP will furthermore aim to initiate a CBRE reference project where German companies share technology and knowledge with Thai companies. The aim is to combine different renewable energy or intelligent grid technologies and develop business models which allow for the local community to directly benefit from the project.

Who are we looking for?

- 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



PDP Activities in Thailand and Germany

AP 1: Awareness Raising and Initiation of Dialogue on Community-Based RE (CBRE)	
	Initiate Regional Conference and Regional Dialogue Forum
	Initiate renewable energy roadshow in communities
	Support public relations for CBRE projects
	Develop guidelines for communities to implement CBRE projects
AP 2: Selection of Potential Partner-Communities, Stakeholders and Companies in TH and D	
	Identify potential Thai Communities
	Selection of German Partner Communities
	Information Workshop in Germany
	Business and Study-Trip to Thailand
	Facilitate Stakeholder Workshop
	Identify Thai-German RE Consortium: Project Developer, Technology Provider, Investor
	Involve NGOs for communication and support
AP 3: Reference Project: Initiating a Thai-German Renewable Energy Community	
	Identification of Suitable Business Models
	Integration of Sustainability Approach
	Support Pre-Feasibility Studies
AP 4: Capacity Building	
	Study-Trip to Germany
	Training on Economic Benefits & Local Value Creation
	Technical Training on Plant Operation & Installation
	Small-Scale Demonstration Project in/on Community Building
	Training for Local Media Representatives
AP 5: Advice on Political Framework Conditions	
	Support MOE/ERC on Solar (Rooftop), Biogas and/or Grid Integration Policy
	Analysis of Existing Administrative & Financial Barriers

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