



# 3<sup>rd</sup> Thai-German Community-based Renewable Energy Conference

8<sup>th</sup> February 2018, Eastin Grande Hotel Sathorn, Bangkok

Moderation: GIZ

Welcome and Introduction	
08:30 – 09:00	<b>Registration</b>
09:00 – 09:15	<b>Welcome Address</b> <i>Dr. Christine Falken-Grosser, Counsellor, Economic and Commercial Affairs, German Embassy Thailand</i>
09:15 – 09:30	<b>Opening Remarks</b> <i>Roya Juntaratana, Inspector General, Ministry of Energy</i>
09:30 – 10:00	<b>Introduction to conference and approach to community-based renewable energy projects</b> <i>Thomas Chrometzka, Director Renewable Energy, GIZ</i>
10:00 – 10:10	<b>Photo Session</b>
10:10 – 10:45	<b>Coffee Break</b>
Parallel Group Session: Showcase Projects – Sharing Experience	
	<b>Group I: Solar PV Rooftop Systems</b> <i>Moderator: Thachatat Kuvarakul, GIZ (Surasak Ballroom, 11<sup>th</sup> fl.)</i>
	<ul style="list-style-type: none"> <li>Reference Project: Thai-German PV Rooftop System for self-consumption at Star Aire Factory <i>Panel Discussion: GIZ, Bangkok Innovative Solution (BIS), SMA Solar (Thailand)</i></li> <li>3<sup>rd</sup> Party Ownership Model in Thailand <i>Panel Discussion &amp; Company Introduction (German Asean Power, BayWa r.e., Conergy, juwi)</i></li> </ul>
	<b>Group II: Renewable Energy (RE) Hybrid Grid Systems</b> <i>Moderator: Ploypailin Sundarajumpaka, GIZ (Surasak II, 11<sup>th</sup> fl.)</i>
10:45 – 12:00	<ul style="list-style-type: none"> <li>Introduction Round, <i>all</i></li> <li>RE Hybrid Grid Systems for Thai Islands – Feasibility &amp; Business Models <i>Katrin Lammers, GIZ</i></li> <li>RE Hybrid Grid Systems for Thai Islands – Pilot Sites Koh Mak Noi &amp; Koh Bulon Don <i>Panel Discussion: GIZ, Ministry of Energy, Provincial Electricity Authority (PEA), Symbior, Community Representatives of Mak Noi</i></li> </ul>
	<b>Group III: Solar Water Pumping</b> <i>Moderator: Thiangthon Kampidech, Office of Public Participatory Promotion, Ministry of Energy &amp; Kajarin Yotdam, GIZ (Surasak III, 11<sup>th</sup> fl.)</i>
	<ul style="list-style-type: none"> <li>Community project for sustainable agricultural management in Nong Bua Lampoo: Po Sri</li> </ul>



	Samran Community Enterprise, solar pump for community organic vegetable garden
	<ul style="list-style-type: none"> <li>▪ Pilot project for small-scale household consumption in Nakhon Si Thammarat</li> </ul>
	<i>Panel Discussion: Project Owner, Community Representative, Provincial Energy Officer (PEO), Lorentz</i>
12:00 – 13:00	<b>Lunch Break</b>
<b>Parallel Training Sessions: Address the Challenge</b>	
	<b>Training Session I</b>
	<i>Each participant chooses to attend two of the offered trainings, one training topic before (Session I) and the other after the coffee break (Session II) (see more details for each topic in Concept)</i>
13:00 – 14:30	<p>A. PV Implementation Guidelines: Step-by-step in Solar PV Project Development <i>GIZ, United States Agency for International Development (USAID) (Sala Daeng, 12<sup>th</sup> fl.)</i></p> <p>B. Centre Piece of Hybrid Systems: The interaction of components and how they influence each other! <i>ILF Consulting Engineers (Surasak II, 11<sup>th</sup> fl.)</i></p> <p>C. Solar and Pumps: The match is important! <i>Lorentz Pumps (Surasak III, 11<sup>th</sup> fl.)</i></p> <p>D. Make My Battery Run! Operation and Maintenance <i>Hoppecke Batteries (Surasak Ballroom, 11<sup>th</sup> fl.)</i></p>
14:30 – 15:00	<b>Coffee Break</b>
15:00 – 16:30	<b>Training Session II</b> <i>(training topics see above)</i>
<b>Summary and Closing</b>	
16:30 – 17:00	<b>Key Findings – Training Sessions</b> <i>Trainers summarize the main topics/key elements of their training (each app. 7 minutes)</i>
17:00 – 17:15	<b>Closing Remarks</b> <i>Thomas Chrometzka, GIZ</i>
17:15	<b>End of Conference</b>

*Note: Main language of the conference is Thai; translation will be provided*

#### Technology Exhibition at the Venue by:

- **SMA** – PV/battery inverter
- **Lorentz** – Pumps
- **Hoppecke** – battery storage
- **BAE** – battery storage
- **Fosera & Padeng Community** – off-grid applications

#### Meet the experts corner:

In parallel to the training sessions in the afternoon, participants will get the opportunity to get in direct exchange with renewable energy experts to discuss and evaluate project ideas and opportunities.

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