

# Experts and Moderator Profiles

Thai-German Renewable Energy Community Solution Workshops

October 21, 2015

Moderators and experts are listed in order of appearance in the programme.

## Working Group 1: Biogas

### Dr. Pruk Aggarangsi

### Energy Research and Development Institute-Nakorping (ERDI)



Mr. Pruk Aggarangsi works as assistance professor in mechanical engineering at Chiang Mai University as well as the director of Energy Research and Development Institute-Nakorping which is well known for decades of biogas developments in Thailand and South-East Asia. Dr. Pruk is specialized in the fields of anaerobic digestion technology, design and development of biogas system in tropical area as well as mathematical modelling in many engineering applications. Dr. Pruk is one of the key personnel in many projects supported by the Thai government concerning biogas construction and applications in livestock and industries including palm oil, food processing plants as well as bio-methane applications.

### Helmut Muche

### Farmatic Anlagenbau GmbH



Helmut Muche is international sales manager at Farmatic plant GmbH. The company became a pioneer of large scale biogas technology in Germany in the early 90s. For now, Farmatic is working in the fields such as the planning and constructing of biogas plants for agricultural raw materials, waste and waste water from industry and sludge from waste water treatment, development of plants for the dewatering and desulphurization of biogas, construction of gas cleaning systems for the removal of siloxanes, construction of gas storage and gas flares for biogas or the design of heat exchangers for the heating of substrates. In Farmatic GmbH, Helmut is responsible for the distribution of biogas plants with unusual substrates in Eastern Europe and Asia.

Facilitator

## Dr. Nils Rottmann

## North-Tec Biogas



Dr. Nils Rottmann looks back on extensive experience in all aspects of the generation of biogas. After studying Environmental sciences with the focus on renewable energy and microbiology, Dr. Rottmann took a doctoral degree in the field of microbiology. After that Dr. Rottmann changed to the biogas sector and led the biological laboratory of one of the biogas World market leaders. In 2012, Dr. Rottmann changed to a high specialized biogas plant constructor where he was responsible for special- and large scale projects. The logical consequence generated from this extensive experience gathered in the technical, biological and organizational aspects of sustainable energy production from renewable resources and residues is for Mr. Dr. Rottmann his dedication for the NORTH-TEC Group and in particular the responsibility for the Thai subsidiaries “BioEnergy Germany Co., Ltd.” and “NORTH TEC BIOGAS (THAILAND) Co., Ltd.”, as well as the realization and operation of Thai projects.

## Gerd Paffenholz

## Project Team Jühnde



Since 2005, Gerd Paffenholz is a member of the Project Team and international representative of Bioenergy Village Jühnde. The village is located in Lower Saxony in the Northwest of Germany close to Göttingen. Jühnde was one of Germany’s first villages to produce heat and electricity using renewable biomass such as silage and wood chips, thus creating a CO<sub>2</sub> neutral balance. Mr Gerd Paffenholz studied electrical engineering in Hannover and has previously been a sales engineer for Mahr GmbH, a German SME specialized in industrial measuring technology.

## Working Group 2: PV

### Dr. Sopitsuda Tongsopit

### Chulalongkorn University's Energy Research Institute (ERI)



Dr. Sopitsuda Tongsopit is a Researcher and Member of the Board of Directors at Chulalongkorn University's Energy Research Institute (ERI). She has led numerous research projects related to policy and incentives for the support of renewable energy in Thailand including Building Blocks for Renewable Energy Policy and Thailand's Solar PV Roadmap Initiative. Her current research focus is on business models and financing options for a rapid scale-up of distributed solar PV, including utilities' business models. She obtained her B.A. from Dartmouth College and Ph.D. from the University of California Santa Cruz.

### Miguel Laburu

### TÜV Rheinland



Mr. Miguel Laburu is the Senior Business Development Manager for TÜV Rheinland Singapore. After developing the Chinese Renewable Energies market for several years, Miguel Laburu has been relocated to Singapore and is currently in charge of APAC and North America regions for PV power plants. He has experience in projects located in five continents and supported developers, lenders and investors at different stages of the projects. He is also leading an international risk analysis group which is working on an innovative rating method for PV assets with the aim of providing solid inputs along the lifecycle of the project not only to the technical but also to the financial stakeholders.

### Theerasak Vongchansilp

### Conergy (Thailand)



Theerasak Vongchansilp is the Sales and Business Development manager for Conergy (Thailand) and has responsibility for Thailand, Laos, Myanmar and Cambodia. Theerasak has been in the Solar Industry for more than 7 years in various capacities, having worked for both EPC (Engineering, Procurement and Construction) and solar component manufacturing companies. As a result, he has an in-depth understanding of the industry and its challenges. Since 2014, he has been on the committee of the Thai Photovoltaic Industries Association (TPVA).

Facilitator

## Aroon Jiamkasemnit

## Juwi Renewable Energies Thai Company Limited



Aroon is the Business Development Manager for juwi Thailand. He leads sales and marketing activities on EPC Project and Project Development in Thailand. He involved extensively during acquisition phase in the roles of sales and commercial activities to closed deal of 22.5MWp PV Free-Feld project in Thailand in 2015. Meanwhile, he also driving several key projects development in the North ASEAN region. Prior joining juwi, he was a Regional Sales Manager for Amcor Flexibles Australasia 5 years and Market Development Manager for GE Chemical 4 years. Mr. Aroon graduated Bachelor degree in Computer Science first honored from Mahidol University and MBA second honored from Chulalongkorn University in Thailand.

## Suntisuk Mathinapitak

## SMA Solar (Thailand) Ltd.



Mr. Suntisuk Mathinapitak is the Country Manager and Sales Director of SMA Solar (Thailand) Ltd. Suntisuk holds a bachelor degree of Electrical Engineering and a master degree of business administration from Chulalongkorn University. He is currently leading the operation of SMA in Thailand and Indochina. SMA has already reached 1000MW installed base in Thailand and is expanding to Indochina region for utilities scale PV power plants. SMA Solar Technology AG is a leading global specialist for photovoltaic system technology and is setting standards for decentralized and renewable energy supply. The company has more than 5,000 employees in 21 countries worldwide.

## Working Group 3: Biomass

### Dr. Maliwan Haruthaithanasan

### Kasetsart University



Dr Maliwan Haruthaithanasan is a deputy director of Kasetsart Agricultural and Agro-industrial Product Improvement Institute (KAPI), an institute of Kasetsart University, Bangkok, Thailand. She obtained bachelor and master degrees in forestry from Kasetsart University, and a PhD in agroforestry from Kochi University in Japan.

Dr Maliwan's specialization is fast growing tree species for energy plantation. She is active in international forestry research and development. She is currently a deputy coordinator of IUFRO working party, Impacts of Air Pollution and Climate Change on Forest Ecosystems.

### Thibaut Aubert

### Spanner RE<sup>2</sup> GmbH



Thibaut Aubert is in charge of International Sales & Marketing activities for Spanner Re2 GmbH. The company is one of the leading providers of biomass gasification technology made in Germany founded in 2004. After being active in seven mainly European markets, Spanner is looking into expanding its business to the South-East Asian region. After 5 years in Detroit Michigan USA managing his own company in automotive benchmarking and in South Carolina as Executive Vice President for a company in the copper industry, Thibaut has led Global Strategic accounts for American Express Business Travel with strong growth opportunities in certain regions such as Asia Pacific in the Luxury goods sector. Before joining Spanner Re2 GmbH, Thibaut held the position of EMEA Sales & Marketing Director at April International, a French master broker in the insurance industry. Today Thibaut manages the international activities for Spanner Re2 GmbH through business partners / distributors and direct client opportunities.

### Saithsiri Saksitthiserekul

### SBANG Corporation Ltd.



Mr. Saithsiri is the founder and Managing Director of SBANG Corporation Ltd. and SBANG Group. SBANG invest and provides EPC service for Renewable Power Plants. The company focuses on thermal power plants using biomass and RDF (Refused-derived fuel) from MSW (Municipal Solid Waste). Also SBANG owns and holds partnerships in renewable power plant projects. Mr. Saithsiri is passionate about small Energy Generating Station (EGS) so that each community can turn their own municipal solid waste and agriculture waste to energy supply. This concept is named "The sustainable cycle". Mr. Saithsiri holds a

Facilitator

Master's degree in Business Administration (Executive MBA) from the National Institute of Development Administration (NIDA), Bangkok, and a Bachelor's degree in Electrical Engineering of King's Mongkut Institute of Technology Ladkrabang (KMITL).

## Sarah Rieseberg

## Arepo Consult



Sarah Rieseberg is a project director at Arepo Consult, a private consulting firm based in Berlin. The focus of her work is the analysis of energy policies and their implications for businesses. She co-authored guidelines on solar business models for the German Solar Association BSW. She also analysed the implications of rising power and energy prices for energy intensive companies, and provided the first German analysis of the cumulative effects of energy taxes and subsidies. Sarah previously worked with the Federal Environment Agency (UBA) in the "Energy Strategy & Energy Scenario Unit". She acted as government focal point of the Low Carbon Society Research Network. Sarah received a bachelor's degree in international politics from the University of Maastricht and completed her studies in environmental policy at King's College London.



## Working Group 4: Renewable energy in the agricultural sector

### Phirat Inpanich

### Ministry of Energy



Phirat Inpanich is a plan and policy analyst under the Office of Public Participatory Promotion, Ministry of Energy. He have worked extensively with the community to enhance the community's potential in energy and environmental management. Thus, to strengthen the community and promote sustainable and efficient use of energy through Local Energy Planning Center. He is also a committee member of the Global Environment Facility Small Grants Programme (GEF/SGP).

### Markus Schulz

### Lorentz



Markus Rene Schulz is channel sales manager for LORENTZ responsible for Middle East, East Africa and Asia. LORENTZ is one of the market leaders in solar powered water pumping solutions. Markus Schulz is responsible for the communication between LORENTZ global entities and the partner companies in the countries, to ensure a smooth order processing in regards to financials and logistics. He as well supports the partners with business development, training, trouble shooting, and solution management for special projects in the areas of irrigation and drinking water.

### Frank Zimmermann

### ILF Consulting Engineers



Frank Zimmermann is business development manager renewable energies SE Asia at ILF Consulting Engineers GmbH. He holds a degree in engineering as well as a Master of Business Administration. IFL Consulting is a holding, consisting of several international and independent engineering and consulting companies. The company helps demanding customers successfully execute complex industrial and infrastructure projects. Today, ILF's companies rank among the world's leading engineering firms in the area of their core expertise. IFL opened an office in Bangkok in 2014 to serve the South-East Asian renewable energy market with a focus on Photovoltaics and Hydro systems and a specialization in projects with an installed capacity of more than 5 MW.

Facilitator

## Wolfgang Kraus

## German Water Technologies



Mr. Wolfgang Kraus is the CEO of GWT German Water Technologies Ltd. The company is a specialist in energy efficient decentralized drinking water supply. GWT's INTEWA systems are solar driven, automated, energy efficient water filtration and disinfection systems for communities, villages, schools, hospitals, or temples. INTEWA is producing safe, drinkable and healthy water, according German Drinking Water Standard. Wolfgang Kraus has been active in the South-East Asian region since 2012 with focus on the realization of renewable energy and energy efficiency projects in Vietnam and Thailand.

## Chin Haur Lieh

## BAE Batterien GmbH



Chin Haur Lieh is the Marketing Director Asia Pacific for the German battery solution provider BAE Batterien GmbH. Chin has over 20 years of experience in the battery energy solutions sector within Asia Pacific, having worked on many successful projects across the region including solar / renewables, power plants, telecommunication, railways etc. He has also been involved in several joint studies with educational institutions and working groups across the region on the development of energy storage solutions especially for off-grid solar systems. BAE Batterien GmbH with over 100 years of experience is synonymous with quality and reliability on the market for industrial lead-acid batteries with proven success globally. Within the region, BAE has successfully been used on many critical applications of various segments demanding absolutely the most reliable systems operating in the most demanding conditions. With a factory only in Berlin, Germany and a highly flexible and process oriented structure the company can provide tailor made solutions meeting the demands and expectations of their customers.





## GIZ Moderators

### Gisa Holzhausen

### GIZ



Gisa Holzhausen is a project manager for the Renewable Energy Project Development Programme (PDP) South-East Asia of GIZ GmbH. Since May 2012, she has been working with the team in Bangkok. The team is based in the Ministry of Energy, promoting the cooperation between German and South-East Asian companies in the framework of the “renewables - Made in Germany”-Initiative funded by the German Ministry for Economic Affairs and Energy (BMWi). In line with the Thai national renewable energy development policies, the project puts a strong focus on community-based approaches for renewable energy generation with a focus on biogas, biomass and PV technology. Gisa holds a Master's Degree in Political Science and North American Studies from the Free University in Berlin, Germany.

### Thomas Chrometzka

### Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



In March 2013, Thomas Chrometzka took over the position of Director Renewable Energy at GIZ GmbH in Bangkok. His team is at the Ministry of Energy promoting the cooperation between German and South-East Asian companies in the framework of the “renewables - Made in Germany”-Initiative funded by the German Ministry for Economic Affairs and Energy (BMWi). Thomas holds a Master Degree in Political Science with a focus on International Relations and studied at Westfälische-Wilhelms University in Münster, Germany and Macquarie University in Sydney, Australia. After his graduation he worked at the “European Renewable Energy Research Centres Agency” (EUREC) in Brussels. Before joining GIZ, Thomas was Head of International Affairs at the German Solar Industry Association (BSW-Solar) in Berlin.

### Contact

If you are interested in talking to any of the speakers or moderators, please approach them directly during the breaks, or ask the organizers of GIZ and GTCC to assist you.