

Renewable Energy Project Development Programme (PDP) South-East Asia

## Community-Based Renewables: Thai-German Cooperation on Sustainable Energy Development

2 September 2013

Ministry of Foreign Affairs, Narathip Room, Sri Ayudhya Road, Bangkok

### - Speakers -

#### Ananpattarachai, Dr. Jirapat

Lecturer, Faculty of Engineering, Naresuan University

Dr. Jirapat Ananpattarachai is a lecturer at the Department of Civil Engineering of the Faculty of Engineering, Naresuan University. She received her Ph.D. in Environmental Engineering from King Mongkut's University of Technology Thonburi in 2009 in the Royal Golden Jubilee Ph.D Program, Thailand Research Fund. She holds a Master of Science in Environmental Management from Chulalongkorn University and received her Bachelor Degree in Environmental Engineering from KMUTT with honors. She received numerous awards and has published 14 articles in referred journals and books. Her areas of expertise and research interests include environmental nanotechnology for hazardous waste removal; water and wastewater treatment and environmental modeling and she teaches courses on environmental management systems, environment impact assessment, physico-chemical and biological processes for environmental engineering and advanced wastewater treatment engineering and design.

#### Barz, Prof. Dr.-Ing. Mirko

HTW Berlin - University of Applied Sciences (Germany)

Before assuming his current position as professor at the Department for Environmental Technologies and Renewable Energies of the Faculty for Engineering Sciences at HTW Berlin, where he specializes in the energetic use of biomass as well as in biochemical and thermochemical methods of energy conversion, Prof. Dr.-Ing. Mirko Barz worked for different academic institutions as well as in the private sector. He served as associate professor at the Institute of Process Engineering of the Chinese Academy of Sciences in Beijing as well as at the Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi (KMUTT) in Bangkok. Additionally Mr. Barz worked as project manager at the Institute for Renewable Energy Systems (IRES) at the University of Applied Sciences in Stralsund, Germany and as member of the scientific staff of the Institute of Energy Technology at the Technical University Berlin after a career in the private sector, where he gathered experience as plant-, project- and consultant engineer.

#### Boenigk, Nils

German Renewable Energies Agency

Nils Boenigk holds a graduate degree in political science with focus on energy politics and political communication and is the assistant managing director of the German Renewable Energies Agency ("Agentur für Erneuerbare Energien e.V."). Mr. Boenigk is an expert in the field of supporting renewables in municipal communities. Before taking his current position he worked as press and public relations advisor and project manager at the German Renewable Energies Agency. He is project leader of the "Kommunal Erneuerbar"- project, a project supporting municipal decision-makers and active, involved citizens in promoting the expansion of renewable energy.

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## **Buck, Jörg**

### **Executive Director, German-Thai Chamber of Commerce (GTCC)**

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Mr. Joerg Buck is the Executive Director of the German-Thai Chamber of Commerce based in Bangkok. He received his Bachelor Degree from Cologne University and his Master Degree from the Faculty of Economics at the University of Wismar. In 1999, Joerg Buck joined the German Chamber networks. Prior to his assignment in Bangkok, he was Head of Technical Vocational Training for the Chamber of Commerce in Cologne, Germany. In 2003, he became Head of professional qualification and strategic HR-development for the German-Portuguese Chamber of Commerce and Industry in Lisbon. From 2007 until his assignment in Bangkok, Joerg Buck was Deputy Executive Vice-President for the German-Argentine Chamber of Commerce and Industry in Buenos Aires.

## **Buaniew, Sunan**

### **Technical Officer, Provincial Energy Office - Kamphaeng Phet**

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Mr. Sunan Buaniew is technical officer for the Provincial Energy Office of Kamphaeng Phet and is active in promoting renewable energy technology, especially biogas on community level to increase community self-reliance. Sunan received his Bachelor in Industrial Technology and his Master Degree in Renewable Energy. He is Chief Director responsible for the energy strategy and energy communities at the Provincial Energy Office.

## **Chehab, Oussama**

### **Vice President Sales Emerging Markets, SMA Solar Technology AG**

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Since 2010 Dipl.-Phys. Oussama Chehab is Vice President of the division Sales Emerging Markets for SMA Solar Technology AG. Since 2011 he is also Managing Director of SMA Subsidiary Middle East, Abu Dhabi and since 2012, Dubai. Oussama obtained his diploma degree in Physics at the University of Düsseldorf 1980. From 1981- 1986 he was Head of R&D and Head of solar modules production, sales and marketing manager for the solar photovoltaic company BMC Solar and responsible for the development of roof top applications with solar tiles. From 1987- 2004 Oussama headed the department sales and marketing for photovoltaic into building and solar glass (BIPV) and he was responsible for the development of PV Glass/Glass Facade for building integration and later on vice president in Pilkington Solar International. In 2000 he became Director of the profit Center Photovoltaic of FLABEG Solar International former Pilkington Solar International. He is author and co- author of more than 20 publications in the photovoltaic fields especially in Photovoltaic Building Integration (BIPV) including conference papers and he was responsible for the first photovoltaic building integration project in Aachen as well as responsible for the realization of more than 250 BIPV projects in Europe, Japan and worldwide. In 2004 Oussama became Head of the International sales department and took over the responsibility of the international sales of inverters worldwide by SMA Solar Technology AG. Later on, he became Director of the department Sales New Markets responsible for the market development in China, Korea, Australia, France and South-East Asia including Thailand.

## **Chrometzka, Thomas**

### **Director Renewable Energy, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH**

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In March 2013, Thomas Chrometzka took over the position of Director Renewable Energy at GIZ GmbH in Bangkok. His team is based in the Department of Alternative Energy Development and Efficiency (DEDE) promoting the cooperation between German and Southeast-Asian companies in the framework of the "renewables - Made in Germany"-Initiative funded by 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,

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Australia. After his graduation he worked at the “European Renewable Energy Research Centres Agency” (EUREC) in Brussels. Before joining GIZ Bangkok, Thomas was Head of International Affairs at the German Solar Industry Association (BSW-Solar) in Berlin working on European projects, solar policy analysis and contributing to creating favorable framework conditions for solar globally. He was responsible for the development of an internationalization strategy of the German solar industry in cooperation with the German Ministry of Economy (BMWi) and coordinated European funded projects such as PV LEGAL, aiming at removing bureaucratic barriers for PV system installations in Europe, or PV GRID, aiming at finding regulatory solutions for large-scale PV grid integration.

## **Dauke, Detlef**

### **Federal Ministry of Economics and Technology of Germany (BMWi)**

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Detlef Dauke is the Director-General for Energy Policy in the Federal Ministry of Economics and Technology of Germany (Bundesministerium für Wirtschaft und Technologie; BMWi). Before assuming this position, he headed the Directorate-General for Technology Policy of BMWi as well as the office of the Federal Minister of Economics and Technology. Mr. Dauke studied law and passed the first as well as the second state examination in law in 1984 and 1987 respectively. Before working at the BMWi, Mr. Dauke assumed different positions at the Federal Ministry of the Interior (Bundesministerium des Innern; BMI) from 1987 until 2000 and headed the office of Michael Glos, leader of the CSU caucus in the Bundestag until 2005.

## **Gongsakdi, Chutintorn**

### **Director-General, Department of International Economic Affairs, Ministry of Foreign Affairs**

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Chutintorn Sam Gongsakdi presently holds the position of Director-General of the Department of International Economic Affairs at the Ministry of Foreign Affairs of the Kingdom of Thailand. He received his Bachelor of Commerce and Administration (Economics) from Victoria University of Wellington, New Zealand with honors, and received his Master of International Studies from the University of Birmingham, United Kingdom. At the Ministry of Foreign Affairs, Bangkok he previously has been assigned to the Department of International Organizations, Department of Political Affairs, Office of the Permanent Secretary. He was Minister at the Department of Information, Deputy Director-General at the Department of ASEAN Affairs; and Deputy Director-General at the Department of International Organizations. His overseas assignments include Second and First Secretary, Permanent Mission of Thailand to the United Nations Office and other international organizations in Geneva, Director (Programme) and Special Assistant to the Executive Director, Asia-Pacific Economic Cooperation (APEC) Secretariat, Singapore, Minister and Deputy Permanent Representative, Permanent Mission of Thailand to the World Trade Organization (WTO), Geneva.

## **Roth-Deblon, Amiram**

### **Regional Director Asia Pacific, juwi AG**

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Amiram Roth-Deblon is the Regional Director for the juwi Group in Asia Pacific. He and his team lead and expand juwi's operations in Asia Pacific. The company operates offices in Singapore, Japan, India, Thailand and Malaysia. Amiram is based in the Regional Headquarter in Singapore. Prior to his current assignment Amiram headed the Business Development globally at juwi Solar and successfully expanded juwi's business into 5 new countries: India, South Africa, Great Britain, Bulgaria and Chile. Before Amiram joined juwi in 2009 he was in charge of Business Development in Asia Pacific for SunTechnics (a 100% subsidiary of Conergy AG) in Singapore and for Product Management in Hamburg Germany. The company grew during his tenure in APAC from two offices in Australia and India with a turnover of 10 Mio.€, to approx. 250 Mio.€ in 5 countries.

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## **Sutabutr, Dr. Twarath**

### **Department of Alternative Energy Development and Efficiency (DEDE), Ministry of Energy**

Since October 2009, Dr. Twarath Sutabutr has been holding the position of Deputy Director-General of the Department of Alternative Energy Development and Efficiency (DEDE) under the Ministry of Energy in the Kingdom of Thailand. Upon taking this current position, Dr. Twarath has served as the Director of Policy and Strategy Coordination Office under the Office of the Permanent Secretary of Energy, where he also held a position of the Ministry's spokesperson. His duty at the Ministry of Energy covers a wide range of policy issues such as Renewable Energy, Nuclear Power and a Strategic Plan for Communication. Dr. Twarath holds a Doctor of Science degree in Civil and Environmental Engineering from the Massachusetts Institute of Technology (MIT). He was given an "Outstanding Civil Service" award in 2003, the first officer from the Ministry of Energy to receive such an honor.

## **Tanpipat, Kamol**

### **Assistant Managing Director, Bright Management Consulting Co., Ltd**

Kamol possesses more than 20 years experience in managing engineering consulting projects and more than 15 years of direct experience as project manager in managing of international projects, feasibility study projects on energy conservation and carbon reduction, implementing energy conservation and energy management projects for major industrial and commercial sectors in Thailand. He has worked as project manager, trainer and instructor in several consulting projects for Department of Alternative Energy Development and Efficiency (DEDE), Ministry of Energy, Thailand, Japan International Cooperation Agency (JICA), United Nations Environment Programme (UNEP) etc. He was a co- project manager and acting as senior technical advisor for ASEAN project in the development of theoretical training curricula for energy managers and training providers in ASEAN funded by EC- ASEAN Energy Facility. He has worked as project manager for Kasikorn Bank and CP Leadership Institute (CPLI) GREEN Building Project as commissioning authority to fulfill the requirement of the LEED Certified level of sustainability under the US Green Building Council's Leadership in Energy and Environmental (LEED) Green Building Rating System. The most recent completed international project was the conducting of feasibility study on APEC Low Carbon Model Town (LCMT) project Phase 2 at SAMUI Island Thailand for APEC Secretariat and APEC Energy Research Center (APEREC).

## **Wallraven, Guido**

### **Stadt•Land•Fluss – Office for urban development and environmental planning**

Guido Wallraven has been working at the Stadt Land Fluss, Office for urban development and environmental planning in Bonn since 2002. He currently also works as project manager at the "Climate Municipality Saerbeck" in the state of North Rhine-Westphalia, a position he assumed in 2009. Mr. Wallraven holds an engineering degree in urban planning from RWTH Aachen, where he graduated in 1987. His major fields of activity include climate change mitigation, energy efficiency and urban planning as well as project management in the aforementioned fields.

## **Wongjai, Nattaphong**

### **Network of Civil Society-Mae Hong Son**

Natthapong Wongchai represents the Network of Civil Society of Mae Hong Son. Natthapong was born in 1970 in Sobteah Subdistrict, Jomthong District, Chiangmai Province and is married with 2 children. Natthapong has years of experience in training and educating local communities.