

HANOI
JUNE 30 –
JULY 1, 2016

MECHANISMS THAT CATALYZE FINANCE FOR GRID-CONNECTED CLEAN ENERGY IN ASIA



Asia LEADS Partnership Regional Workshop

#ALPInHanoi @AsiaLEADS

Distinguished Speakers, Panelists, and Moderators (in alphabetical order)



Mr. Alexander Ochs

*Senior Director, Climate and Energy, Worldwatch Institute, and
Chair, LEADS Global Partnership Energy Working Group*

Alexander Ochs is Senior Director Climate & Energy and member of the management team at the Worldwatch Institute, Washington DC. Alexander is also the CEO of SD Strategies, a consultancy practice; Chair of the LEADS GP Energy Working Group; President of the Forum for Atlantic Climate and Energy Talks, and Senior Fellow at Johns Hopkins University. Alexander holds a Magister Artium in political science, philosophy and literature from Munich University. He held research or teaching positions at the think tanks CCAP and SWP as well as GW, City, Freie, Humboldt and Princeton universities. Alexander engages on climate and energy issues in all major world regions.



Ms. Bethany Speer

*Renewable Energy Market, Finance, and Policy Analyst, National
Renewable Energy Laboratory, United States*

Bethany Speer supports the LEADS Global Partnership Secretariat, focusing on the finance, AFOLU, and subnational integration working groups and technical assistance services. She currently also contributes to other multilateral projects such as the UNFCCC Climate Technology Centre and Network and Clean Energy Ministerial. Her background is in renewable energy analysis, with research focus on project finance structures and incentives.

Mr. Chris Abrams

Acting Mission Director, USAID Vietnam



Mr. Christopher Stephens

Senior Manager -- Asia, Carbon Trust, United Kingdom

Chris Stephens has 10 years' experience related to low-carbon development and climate change policy in developing countries. He leads the Carbon Trust's engagement in South East Asia and is currently managing a series of projects that provide technical support to the governments of Indonesia, Malaysia and Vietnam on clean energy policy. He also leads the Carbon Trust's engagement with a range of international climate funds, including the Green Climate Fund (GCF) and the Global Environment Facility (GEF). Before joining the Carbon Trust, Chris lived in Jakarta, Indonesia, where he helped establish and manage the Global Green Growth Institute (GGGI)'s collaborative partnership with the Government of Indonesia. Prior to this, Chris worked for GLOBE International, where he supported national legislators to take positive action to address climate change, and IDEAcarbon, where he designed and deployed a risk analysis tool for emission

reduction projects in developing countries. He has a first class Masters' degree in Engineering Science from the University of Oxford.



Mr. Dao Xuan Lai

Assistant Country Director, United Nations Development Programme (UNDP) Viet Nam

Lai is Team Leader of the Climate Change and Environment Team at the UNDP Viet Nam Country Office. Lai has technical background in hydro-meteorology and water resources and has 20 years of working experience in the fields of sustainable development, including climate change, green growth, natural capital, biodiversity conservation and environmental protection. Lai rich experience in mobilizing international finance for development, including initiation, formulation and implementation of development projects. Lai played leading role in preparing Viet Nam's first climate public expenditure and investment review (CPEIR, 2015).



Ms. Dawa Zangmo

Chief Engineer, Department of Renewable Energy, Ministry of Economic Affairs, Bhutan

Ms. Zangmo is currently the Chief Engineer of Research and Development Division, Department of Renewable Energy under the Ministry of Economic Affairs. She has been working with the Royal Government of Bhutan from 2001 with 15 plus years of service. She completed her Bachelors of Civil Engineering from Birla Institute of Technology, Mesra, India in 2000 and her masters in Environmental Planning and Management from UNESCO-IHE, Delft, The Netherlands in 2006. She is currently involved in the Formulation of National Energy Efficiency and Conservation Policy of the country, Updating Energy Data Directory 2015, Research and Promotion of new emerging Renewable Energy Technologies, conducting awareness programs on Energy Efficiency and Conservation Measures, Developing energy performance standards for equipment's and appliances and etc.



Mr. Ha Dang Son

Director, Centre for Energy and Green Growth Research

Mr. Son has been involving in various consulting and policy advisory activities related to energy and climate change. Recently Son acted as a certified trainer of the AEMAS program – a regional initiative on promoting energy management standard in the ASEAN; and in charge of the carbon finance component of the Renewable Energy Development Program (REDP) in Vietnam. Son also supported the Government of Bhutan in developing the NAMA/MRV Framework and the NAMA proposal for energy efficiency in the building sector; and led a team to support the Ministry of Construction in Vietnam in developing the Low Carbon Development Action Plan for the cement sector. At present, Son is involved in the Vietnam Low Emission Energy Program funded by USAid to support the Ministry of Industry and Trade of Vietnam with focus on Renewable Energy and Energy Efficiency.



Mr. Ilya Chernyakhovskiy

International Energy Analyst, National Renewable Energy Laboratory, United States

Ilya Chernyakhovskiy works at the Strategic Energy Analysis Center at the National Renewable Energy Laboratory (NREL). As an International Energy Analyst, he works on a portfolio of projects focused on grid integration of renewable energy under the U.S. Agency for International Development's (USAID) Greening the Grid program. He also supports activities at the LEADS GP Global Secretariat and serves as the point-of-contact with the ALP Secretariat. Prior to joining NREL he accumulated research experience at the Higher School of Economics in Moscow, Russia. He holds a master's degree in Resource Economics from the University of Massachusetts Amherst.



Mr. John Bruce Wells

Chief of Party, USAID Low Emissions Asian Development Program (ICF International), and Co-Director, Asia LEADS Partnership Secretariat

John Bruce Wells has more than 25 years of experience in the design and management of innovative public-private alliances to manage social and environmental concerns. Based in Bangkok, he is currently the chief of party for Low Emissions Asia Development (LEAD), a \$21.5 million regional training and capacity building program for the U.S. Agency for International Development (USAID). LEAD is a regional initiative supporting countries in South Asia and Southeast Asia prepare and implement low carbon growth strategies. Prior to his current position, John served as Senior LEADS Advisor for USAID-funded work in six Eastern European and Eurasian countries and as Clean Energy Access Advisor for USAID's South Asia Regional Initiative for Energy.



Mr. Khanh Nguyen

Country Coordinator, USAID Low Emissions Asian Development Program

Khanh Nguyen is a renewable energy expert and has worked on a number of projects with various international donor organizations in the domain of renewable energy and related issues over the last 15 years. Khanh currently serves as the country coordinator, USAID LEAD program. In this position, he has helped promote the use of low emission planning tools, in particular he has supported the Thanh Hoa Provincial Green Growth Task Force on behalf of the Institute for Sustainable Communities and the USAID LEAD program to develop its Green Growth Action Plan. Mr. Khanh holds a Master's degree in Renewable Energies from the University of Oldenburg, Germany, and a Bachelor of energy planning from Hanoi University of Technology, Vietnam.



Mr. Liu Jia

Research Associate, Energy Research Institute, National Development and Reform Commission, China

Mr. Liu Jia received his masters degree in Electrical Engineering in 2012. His current researches are focused on Integrated Assessment Model based energy system analysis, and energy, environment and climate change related policies. He has been involved with several research projects which provide suggestions to central government and some state-owned companies. The topics of these research works include the feasibility of carbon tax,

carbon policy trends in China and its effects to energy structure, Chinese Regional Low Carbon Development Policies and Air Pollution Control's Influence on the Energy Distribution and Structure.



Mr. M.K. Balaji

Chief of Party, USAID Private Finance Advisory Network for Asia (USAID-PFAN Asia)

M.K. Balaji is an investment and asset management professional with over twenty years of experience in deal sourcing, structuring and negotiations, startups and setting up business sectors, and advising C-Level management of portfolio companies during project development, startups, turnarounds, operations, construction, P&L and finance. He has overseen several startups in the B2B sector in industrial goods and renewable energy. He worked directly with developers and investors to create a strong deal pipeline throughout his network in South and Southeast Asia and provided strategies for strengthening business plans. In tandem, he has created and sustained relationships with financial stakeholders such as local banks and international finance institutions to support the fund raising for several projects.



Mr. Manfred Otto

Senior Associate and Registered Foreign Lawyer, Duane Morris Vietnam LLC

Manfred Otto is an international lawyer who advises on innovative renewable energy and water projects in Vietnam, supports environmental technology transfer and licensing, and advocates for sustainable development through the Green Growth Sector Committee of the European Chamber of Commerce and the External Affairs and VBF Committee of the Japanese Business Association in Ho Chi Minh City. Mr. Otto is head of the firm's Japan Practice in Vietnam. He is an attorney and counselor-at-law qualified to practice in New York and in Vietnam as a registered foreign lawyer. Mr. Otto has lived in Asia for more than 15 years and has also worked in New York, London and Tokyo. He is fluent in English, German and Japanese.



Ms. Monali Hazra

Regional Energy Manager and Clean Energy Specialist, Clean Energy & Environment Office, USAID/India

With around 18 years of experience, Monali Zeya Hazra has managed several USAID's clean energy programs with the Government of India including bilateral programs on cleaner fossil, distribution reforms, energy efficiency and smart grids. Currently, she is managing the regional energy program - South Asia Regional Initiative for Energy Integration (SARI/EI) and the bilateral initiative Greening the Grid that focuses on large-scale integration of renewable energy. Prior to joining USAID, Monali led the Industry and Environment team at Delhi based public research organization, Centre for Science and Environment (CSE). While at CSE, Monali worked extensively on reviewing the environmental performance of energy intensive sectors such as Pulp & Paper, Cement, Chlor-Alkali, Automobile, and Mining Industry.



Mrs. Ngo Thi To Nhien

Senior Consultant (renewable energy and industrial energy efficiency), Vietnam

Ms. Nhien acts as a Project Officer for the Ministry of Industry and Trade in Vietnam, supporting the RE Development Project and an evaluation of industrial energy efficiency. She is providing technical support to educational institutions for long-term capacity building for RE development in Vietnam and is involved with RE resource mapping. Additionally, she is involved with reviewing and analyzing national and UN energy-efficiency policies and strategies and coordinating with stakeholders. Previously, for the UNDP, she provided research on evaluating barriers in Vietnam to cost-effective development of energy-efficiency standards and labeling, as well as evaluating the Vietnam Energy Efficiency Public Lighting project. Her research contributed to developing strategic recommendations on the governance of energy efficiency and RE for policymakers in Vietnam.



Dr. Nguyen Anh Tuan

Director, Renewable Energy Center, Institute of Energy, Vietnam

Dr. Tuan is Director of Renewable Energy Center at Vietnam Institute of Energy, a primary research and consulting institution on energy sector. He is one of the leading experts of national studies-projects such as “Master plan of Renewable energy development in Vietnam up to 2025”, “Incentive Mechanisms for Renewable Energy development”, as well as “Power Development Plan VII for Vietnam, period 2011-2015 with outlook to 2025”. Prior to joining the Institute of Energy, he held a post of Director of Power System Studies and Senior Energy Economist with Innovation Energie Développement (IED), a French consultancy and engineering firm, specialized in sustainable energy projects in Asia, Africa and Europe. Mr. Tuan has been directly involved in different projects, covering the areas of policy regulatory analysis, feasibility and planning studies, technical assistance, and training. His expertise lies in power system planning (generation, transmission and power pool), institutional and financial aspects of energy projects, and rural electrification as well as renewable energy development in Africa, Asia, and Europe.



Mr. Nguyen Ninh Hai

Deputy Director, Department of New and Renewable Energy, General Directorate of Energy, Ministry of Industry and Trade, Vietnam

Mr. Hai is Deputy Director of Renewable Energy Department under General Directorate of Energy under Ministry of Industry and Trade of Vietnam. Mr. Hai has started working on Renewable sector since 2008. Mr. Hai has been participating in drafting incentive mechanisms to promote development of renewable energy in Vietnam such as FIT for wind power, biomass, and municipal solid waste to energy and solar and other policies related to renewable energy in Vietnam such as National Strategy on promoting development of renewable energy in Vietnam, National Master Plan on Renewable Energy in Vietnam. Mr. Hai is also focal point of Renewable Energy Sub-Sector Network under ASEAN Energy Cooperation.



Dr. Peter du Pont
Climate Change Team Lead, USAID/Asia

Peter du Pont is based in Bangkok and has more than 30 years' experience developing sustainable energy and climate programs in the U.S. and Asia. From 1984 to 1989, he researched and wrote on energy efficiency technologies, and also indoor air quality, in the US. Since 1989, he has worked on the development of national master plans, energy policy and regulatory frameworks, market assessments, and financing schemes for energy efficiency and renewable energy in countries across Southeast Asia and South Asia. He is now senior advisor to USAID/Asia on its climate programs, covering clean energy, sustainable landscapes, and adaptation & resilience. He has a masters degree in Public Health (Environmental Toxicology) from the University of California, Berkeley, and a Ph.D. in Public Policy (Energy & Environmental Policy) from the University of Delaware.



Dr. Pham Hoang Mai
Director General, Department of Science, Education, Natural Resources and Environment (DSENRE), Ministry of Planning and Investment (MPI), Vietnam

Dr. Mai is the technical team leader of Vietnam Delegation to the Earth Sustainable Summit Rio+20 and the formulation of Vietnam National Green Growth Strategy. He is experienced in international cooperation for development strategies before involving in strategic green activities. He got his PhD degree in New Zealand focusing on exploiting external resources for Vietnam's development. He is dedicated to green finance as the team leader of Climate Finance Task Force (CFTF) formulated by Minister of Planning and Investment in 2012 and Co-chair for Asia LEDS Partnership in 2014 & 2015. He is part of Vietnamese delegation's efforts to reach Paris Agreement at COP21. Currently he serves as the Green Climate Fund NDA focal point.



Mr. Por Nimol
Deputy Director General, General Department of Energy, Ministry of Mines and Energy, Cambodia

Por Nimol has served as Deputy Director General of the General Department of Energy since April 2014. Prior to this, from 1997 - 2013, he worked in a private company, Comin Khmère Co., Ltd, as the company's Energy Business Unit Manager. He holds a Bachelor of Electrical Engineering from the Poly-technical Institute of Cambodia in Phnom Penh, and a Master of Electrical Engineering – Electric Power System Management from the Asian Institute of Technology in Thailand.



Mr. Salim Mahmud
Chairman, Bangladesh Energy Regulatory Commission Tribunal

Dr. Mahmud is recently appointed as the Chairman, Bangladesh Energy Regulatory Commission Tribunal. Prior, he served as a Member (Commissioner) of Bangladesh Energy Regulatory Commission (BERC) for seven years. As a Commissioner of BERC, Dr. Mahmud played an important role in the adjustment of electricity and gas tariffs in Bangladesh which helped the country to minimize the subsidy burden on the economy. Before joining BERC, Dr. Mahmud worked as a consultant/co-consultant for the Government of India, Government of Nigeria, Government of Latvia, World Bank, European Commission, Energy Charter Secretariat, Shell International, Cairn Energy, Thomas Walde and Associates (UK).



Mr. Sithisakdi Apichatthanapath

*Program Development Specialist, Regional Environment Office, USAID
Regional Development Mission for Asia*

Sithisakdi (“Seng”) is the Program Development Specialist at the USAID/RDMA based in Bangkok. He is responsible for the planning, managing, and reporting of RDMA’s clean energy activities and programs. Prior to USAID, he worked as a carbon consultant and later as an auditor at one of the UNFCCC’s Designated Operational Entity, where he has been involved in the validation and certification of over 40 emission reductions projects across the region. He graduated from the University of Leeds with a Bachelor degree in International Relations, and from the Asian Institute of Technology with Master degree in Energy Economics and Planning.



Mr. Tomaso Andreatta

Chief Representative in Indochina, Intesa Sanpaolo

Tomaso Andreatta is responsible for business in Vietnam, Cambodia, Laos and Myanmar from the HCMC office he opened in 2008. His three main business areas are trade financing with the banks, project financing of infrastructure in power and ports with the best local companies, advising and personally supporting investment and trade for Italian and European companies coming to Indochina and ASEAN. Founding Chairman of Icham, the Italian Chamber of Commerce in Vietnam, Mr. Andreatta is currently Vice Chairman of the European Chamber of Commerce (EuroCham), to which Icham is affiliated, and Chairman of EuroCham Green Growth Sector Committee. He is also responsible for CSR – the corporate social responsibility sub-committee as well as the representative of EuroCham in the VBF (Vietnam Business Forum) Board of Directors.



Mr. Trinh Quoc Vu

Director General, Department of Science, Technology and Energy Efficiency, General Directorate of Energy, Ministry of Industry and Trade (MOIT), Vietnam

Mr. Vu is leading the Energy Efficiency and Conservation Office (EECO) of the MOIT to support for the Government Steering Committee of Vietnam National Target Program for Energy Efficiency (VNEEP) to promote energy efficiency and conservation (EE&C) in the industrial sector as well as coordinate with other Ministries, relevant agencies and organizations to implement specific EE&C tasks. He holds the background in power system engineering and his Master of Industrial Engineering and Management from Asian Institute of Technology in Thailand (AIT). He is in charge of implementing ODA Low Carbon and energy efficiency projects under GDE and he is experienced in enhancing bilateral cooperation in energy sector in Vietnam.



Mr. V.K. Kharbanda

Project Director, South Asia Regional Initiative for Energy Integration, Integrated Research and Action for Development, India

V.K. Kharbanda is Electrical Engineer with rich experience of about 35 years working both in public and private power sector in India. Before joining Integrated Research and Action for Development (IRADe) the implementing partner of USAID for the South Asia Regional Initiative for Energy Integration (SARI/EI) Program, he worked in reputed organizations such as National Hydro Electric Power Corporation, Power Grid Corporation, Power Finance Corporation, and Lanco Power Trading. He has diverse experience in power sector such as designing of hydro power projects, domestic and international contracts, transmission line construction, techno-economic appraisal of thermal and hydro power projects, etc.



Ms. Vu Xuan Nguyen Hong

Senior Consultant (Sustainable development, green growth, green accounting, climate and green financing), Vietnam

Mrs. Hong formerly was Vice President of Central Institute for Economic Management - a leading economic policy think- tank of Vietnam and under the Ministry of Planning and Investment. She got her university education in Russian's National Economic University and Master Degree on Development Economics in Australian National University (ANU). Mrs. Hong has 35 years research experience working on development policies and sustainable development issues in Vietnam. Her main research areas in recent years have focused on sustainable development, green growth, green accounting, climate and green financing. She was a member of drafting committee of the Vietnam Green Growth Strategy (VGGS) and member of Vietnam's Economic Association. She was retired in 2014 and currently is independent senior consultant.



Mr. Yogaanandh Tanggaraju

Technical Director, Danish Energy Efficiency Partners Sdn. Bhd., Malaysia

Yogaanandh has a 12 years of working experience managing carbon, energy and environmental related consultancy projects. As a professional, he is registered as a Registered Electrical Energy Manager, under the Malaysian Energy Commission. Over his 12 years working experience, Yogaanandh has mainly assisted and executed projects in Indonesia, Malaysia and Thailand (IMT). At present, Yogaanandh is in-charge of the technical matters for Energy performance Contracting (EPC) in Melaka (Malaysia) and ESCO-EPC concept expansion in Southeast Asia.



Mr. Yudha Irmansyah Siregar

Senior Technical Expert, Renewable Energy Support Programme for ASEAN, ASEAN Centre for Energy

Yudha has been working at ASEAN Centre for Energy (ACE) in Jakarta, Indonesia since January 2016 as a Senior Technical Expert. He works closely with Renewable Energy Support Programme for ASEAN (ASEAN-RESP). The programme aims to increase framework conditions and technical and policy exchange across the ASEAN region. His roles in the programme among others are to support the implementation of

ASEAN-RESP activities such as regional studies and trainings and to provide technical advice in the field of renewable energy. Prior to joining ACE, he has worked in the upstream of energy industry as practitioner. He obtained bachelor's degree in engineering field from Institut Teknologi Bandung, Indonesia and finished master's degree from Technische Universität Bergakademie Freiberg, Germany focusing in energy economics.