

ASIA CLEAN ENERGY FORUM 2019

PARTNERING FOR IMPACT

MANILA | 17–21 JUNE 2019



Deep Dive Workshop

Friday, 21 June 2019, 09:00 a.m. – 5:30 p.m.

Achieving Universal Energy Access in the Asia Pacific Region



Point of Contact:

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Background

Energy access is a multidimensional problem that requires collaboration across disciplines and sectors. This Deep Dive Workshop on “Achieving Universal Energy Access in the Asia Pacific Region” will attempt to capture how far development agencies, governments and the private sector have come in solving energy poverty.

Throughout the workshop, both the speakers and the audience will be asked to examine the following questions:

“What energy access solutions worked?”, “What remaining problems should we focus on?”, and “How far have we come?”

The Workshop will begin with an overview of the energy access situation in the Asia Pacific Region and the latest thinking on how governments can achieve their sustainable development goals systematically, at a national scale. This will be followed by an expert panel that highlights key areas of innovation that may have profound impact on the uptake and scalability of energy access solutions in Developing Asia. Next, the Workshop will discuss the impact of business acceleration and investment facilitation initiatives on the growth of high-impact companies in the energy access sector. Finally, the Workshop will conclude with case studies on successful private sector and government interventions that created pathways towards universal energy access.

Objective

The DDW will benefit government agencies, specifically planning ministries, energy ministries and other attached agencies involved in national electrification. Companies that deploy energy access solutions in the Asia Pacific Region may also find this workshop useful.

The objectives of the DDW are:

- 1) To position distributed renewable energy systems and other energy access solutions as fundamental pillars of any strategy to achieve universal energy access.
- 2) To propose methodologies on how governments can determine the optimal combination of energy access solutions for their needs, and how to deploy them in a systematic and scalable manner.
- 3) To examine how far the Asia Pacific Region has come in eradicating energy poverty, and what persistent challenges remain.

Agenda

09:00 – 09:30 **OPENING REMARKS**

Dr. Yongping Zhai, Chief of Energy Sector Group, Asian Development Bank

09:30 – 10:30 **SESSION 1: Strategies to Achieve Universal Energy Access.** This session will discuss methodologies that Governments can apply to accomplish their sustainable development priorities.

Deploying Distributed Renewable Energy Systems in the Asia Pacific Region

Dr. Kee-Yung Nam, Principal Energy Economist, Asian Development Bank

Policy and Regulations that Support Integrated Electrification

Mr. Mikael Melin, Senior Energy Access Specialist, Sustainable Energy for All

A Methodology to Achieve Universal Energy Access

TBD, UN-ESCAP

10:30 – 11:00 **Networking Break**

11:00 – 12:30 **SESSION 2: Key Areas for Innovation in the Energy Access Sector.** This session will discuss important technological, business model and market trends that have a profound impact on the uptake and scalability of energy access solutions in the Asia Pacific Region.

Techniques and Strategies to Deploy Sustainable Mini-grid Systems

Mr. Susumu Yuneoka, Energy Specialist (Smart Grids), Asian Development Bank (TBC)

Energy Management and Storage Solutions for Rural Electrification

Mr. Seoung-Ha Shin, Consultant, Asian Development Bank (TBC)

A Sustainable and Scalable Model for Clean Cooking and Heating

Mr. Carlo Talamanca, Otago Global Pte. Ltd. (TBC)

Maximizing Demand-side Energy Efficiency to Accelerate National Electrification

Representative from the Japanese Government / Private Sector (TBD)

12:30 – 14:00 **Lunch Break**

14:00 – 15:30 **SESSION 3: Strengthening Private Sector Growth and Investment in the Energy Access Sector.** This session will present the programs and activities that enable small and medium enterprises to overcome technology, operational and financing challenges in the energy access sector.

An Overview of Distributed Renewable Energy Business Models
Ms. Yun Ji Suh, Young Professional, Asian Development Bank (TBC)

Building Bankable SMEs in an Uncertain Regulatory and Market Environment
Mr. Richard Harrison, Smart Power Myanmar (TBC)

Scaling-up Green Finance and Sustainable Infrastructure in Southeast Asia
Mr. Javier Diaz-Valdes Alonso, MEL and KM Officer, Sustainable Energy for All

Creating Distributed Renewable Energy SMEs Movement
Mr. Chandrasekaran Raghuraman, Director, CLEAN (TBC)

Facilitating Market Access and Investment to Achieve Scale
Mr. Daniel Hersson, ADB Ventures

15:30 – 16:00 **Networking Break**

16:00 – 17:00 **SESSION 4: Adapting International Best Practices to Local Needs.** This session will discuss the nuance of local policy, regulation and market dynamics that may inhibit the diffusion of proven energy access solutions at a country level.

Energizing Eastern Indonesia
TBD, TBD, PLN

Presentation about Myanmar
TBD

Presentation about the Pacific
TBD

17:00 – 17:30 **CLOSING REMARKS**
TBD, Asian Development Bank

Speakers

Dr. Kee-Yung Nam, Principal Energy Economist, Asian Development Bank
Mr. Mikael Melin, Senior Energy Access Specialist, Sustainable Energy for All
Mr. Susumu Yuneoka, Energy Specialist (Smart Grids), Asian Development Bank (TBC)
Mr. Seoung-Ha Shin, Consultant, Asian Development Bank (TBC)
Mr. Richard Harisson, CEO, Smart Power Myanmar (TBC)
Ms. Yun Ji Suh, Young Professional, Asian Development Bank (TBC)
Mr. Richard Harrison, Smart Power Myanmar (TBC)
Mr. Javier Diaz-Valdes Alonso, MEL and KM Officer, Sustainable Energy for All
Mr. Chandrasekaran Raghuraman, Director, CLEAN
Mr. Daniel Hersson, Asian Development Bank (TBD)

About the Organizers

As part of the roadmap to enhance lending activities, ADB launched the Energy for All Initiative, also known as Energy for All. The initiative is a regional technical assistance program charged to work with various regional departments within ADB to help increase their lending in the energy access space. From 2008 to 2017, this effort resulted in investments that totaled US\$ 8.4 billion and benefited 121 million people.

In 2014, ADB was designated as the Asia Pacific Hub for Sustainable Energy for All (SEforALL). SEforALL is an International Organization working with leaders in government, the private sector and civil society to drive further, faster action toward achievement of Sustainable Development Goal 7, which calls for universal access to sustainable energy by 2030, and the Paris Climate Agreement, which calls for reducing greenhouse gas emissions to limit climate warming to below 2 degrees Celsius.