

# **Policy training workshop for sustainable energy industry and managing effective green technology**

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**ACTIVITY THEME:** Energy Security and technology

**CO-ORGANIZER:** Asian Development Bank, Korea University MOT, Korea Environment Corporation

**PARTNER:** KDI (Korea Development Institute)

**DATE & VENUE:** 18 December 2017, Korea University

**TASK MANAGER:** Kunmin KIM (kkim@adbi.org)

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## **1 Activity Description and Objectives**

High economic growth in the Asia and Pacific region has driven an equally high demand for energy. However developing countries in the region have been suffering from severe energy shortages and weakening energy industry. In order to tackle energy shortages and strengthen the industry, and thus to sustain economic development, it is important to develop a systematic sustainable energy policy and build energy-efficient industries. Particularly green energy development as a future energy source has been in the limelight. In Asia and Pacific, many policy initiatives have been taken to make energy sources such as solar, wind, geothermal and hydropower marketable. Therefore, it is timely and opportune to extend the capacity of Asia's policy makers to deal with this issue.

Against this background, ADBI will organize a course-based training to provide critical knowledge for policy making on green energy and green industry, one of key areas for promoting a sustainable growth.

This two-day intensive workshop, comprising of interactive lectures and group discussions, brings together government officials from developing Asian countries and experts involved in formulating energy policies and strategies in their respective countries. The objective is to build capacity of officials in understanding key issues related to green energy and green industry.

## **2 Relevance to ADBI's thematic priorities**

This activity is part of the thematic area of Inclusive and Sustainable growth

## **3. EXPECTED OUTPUTS:**

*The project objective* is to help policy makers to enhance their capacity for building a sustainable energy sector. After completing this program, participants shall have clear understanding on the related issues including green energy, energy technology, and energy financing.

<b>Policy Workshop</b>	
09:00~09:30	Move for KU
<b>Session 1-1</b>	<b>Opening</b>
09:30~09:50	<ul style="list-style-type: none"> <li>- <i>Dean, Dr. Jin Taek Chung, Graduate School of Management of Technology, Korea University(KUMOT)</i></li> <li>- <i>Vice President, Korea Environment Corporation</i></li> <li>- <i>Deputy Dean, Mr. Chul-Ju KIM, ADBI</i></li> </ul>
09:50~10:00	Group Photo and Coffee Break
<b>Session 1-2</b>	<b>Understanding Policy Trends of Green Energy and Technology</b>
10:00~11:15	<p>Preview of Program</p> <ul style="list-style-type: none"> <li>• Introduction of ADBI and CBT</li> <li>• Introduction of KUMOT</li> </ul> <p>Moderator: Deputy Dean, Mr. Chul-Ju KIM, ADBI</p> <ol style="list-style-type: none"> <li>1. Innovations and new technologies that we must adopt to mitigate climate change (25min) - <i>Principal Energy Specialist, Dr. Sohail Hasnie, ADB</i></li> <li>2. Green Energy / Green Economy / Green Technology (25min) - <i>Dr. Yan Zhang, Consultant, ADBI</i></li> </ol>
10:00~11:15	Coffee Break

<p><b>Session 1-3</b></p>	<p><b>Green Economy and Role of Local Community</b></p>
<p>11:15~12:15</p>	<p>Moderator: Mr. Kunmin KIM, Task Manager, ADBI</p> <p>Presentation:</p> <p>1. Introducing 'Hometown investment trust' (Video) <i>Dean. Dr. Naoyuki YOSHINO, ADBI</i></p> <p>2. Alternatives to Bank Finance: Role of Hometown Investment Trust Funds in Development of Green Energy Projects in Asia <i>Dr. Farhad TAGHIZADEH-HESARY, (Keio University, Tokyo, Japan)</i></p>
<p>12:15~13:15</p>	<p>Lunch (hosted by KUMOT)</p>
<p><b>Session 1-3</b></p>	<p><b>Understanding Global Energy Business</b></p>
<p>13:15~14:15</p> <p>14:15~14:35</p>	<p>Moderator: <i>Professor, Dr. YoungJun Kim (KUMOT)</i></p> <p>1. Toward Sustainable Energy (25min) <i>Professor, Dr. Choonglai Cho (KUMOT)</i></p> <p>2. Understanding Green Energy and Policy Suggestion (25min) <i>Senior Fellow, Mr. Takashi Hongo, Mitsui Global Strategic Studies Institute</i></p> <p>Discussant: Justin Dominic S. Gatuslao, City Councilor, Hiramaylan City - the Philippines</p> <p>Coffee Break</p>

<p><b>Session 1-4</b></p>	<p><b>Green Economy and Role of State Owned Enterprises</b></p>
<p>14:35~16:00</p>	<p>Moderator: Professor, Dr. Yongsung Cho (KU Green School)</p> <p>Presentation:</p> <ol style="list-style-type: none"> <li>1. Role of State Owned Cooperation on Green Energy (25min) <i>Director Korea Environment Corporation</i></li> <li>2. Understanding 'Infrastructure of Green Energy' (25min) <i>KOREA SOUTHERN POWER Co.(TBA)</i></li> <li>3. Introducing Green Energy SOEs in Developing Asia (25min) <i>Researcher, Dr. Michael C. Huang</i> <i>Science for RE-desining Science, Technology and Innovation Policy</i></li> </ol>
<p><b>Session 1-5</b></p>	<p><b>Special Lecture</b></p>
<p>16:00~17:00</p>	<p>Green Big Bang and the 4th Industrial Revolution</p> <p><i>Professor, Dr. Sang-Hyup KIM, KAIST-Graduate School of Green Growth, (College of Business)</i></p>
<p>17:00~18:00</p>	<p>Study Tour in KU</p>
<p>18:00~20:00</p>	<p>Welcome Dinner (Hosted by ADBI) With Farewell Address by KU</p>