



**ASIA CLEAN ENERGY FORUM** | **2022** | **INNOVATIVE AND INTEGRATED SOLUTIONS FOR A LOW-CARBON AND RESILIENT FUTURE**  
14-17 June 2022

**Future Hydrogen Society in Asia and the Pacific**  
Wednesday 15 June 2022  
Time: 02:00 – 03:30 PM (Manila Time GMT+8)



**Point of Contact:**

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**Background**

*Green hydrogen produced by renewable energy can help tackle sustainability challenges in sectors such as transportation, building development, and power generation, and enable larger-scale penetration of variable renewable energy when combined with emerging low-carbon technologies. Yet, global investment in hydrogen was only 0.5% of renewable energy investment in 2021.*

*Asia and the Pacific is leading the way in hydrogen investment, accounting for over 50% of the global total in 2021, and toward a hydrogen society in which hydrogen plays a vital role in daily life and economic activities. What is more, Australia, Japan, India, New Zealand, the Republic of Korea, and a growing number of countries in the region are proposing national-level hydrogen strategies to accelerate the decarbonization of society and aiming to move forward with their adoption.*

## Objectives

Raise awareness among policy makers about:

- *the current national hydrogen strategies and other policies for promoting hydrogen; economic models for hydrogen cost reduction; hydrogen energy use cases, example of feasibility study/future projects.*
- *the potential of district heating and cooling technologies in supporting the energy transition by reducing energy intensity and promoting decarbonization in East Asia Region.*

## Tentative Agenda

Time	Activities	Speakers
2:00 – 2:05 pm (Manila time)	Opening Remarks	Tetsushi Sonobe, Dean, Asian Development Bank Institute (ADBI), Japan
2:05 – 2:45 pm (Manila time)	<p><b>Session: Case Studies &amp; Economic Model</b></p> <p><i>In this session, experts will present on case studies of hydrogen projects from around the world and the economic models for reducing costs, followed by an open Q&amp;A.</i></p>	<p>Moderator: Kaoru Ogino, Principal Energy Specialist, ADB, Philippines</p> <p>Presenters (8 min per presentation):</p> <ol style="list-style-type: none"> <li>1. Nikhil Moghe, Partner, KPMG India,</li> <li>2. Wind to Hydrogen in Southwest England, Mi Tian, Lecturer, University of Exeter, UK</li> <li>3. Big data in Hydrogen Society, Haoran Zhang, Assistant Professor, University of Tokyo, Japan</li> </ol> <p>Open Q&amp;A</p>
2:45 – 3:25 pm (Manila time)	<p><b>Panel discussion: National Strategies</b></p> <p><i>In this session, there will be a panel discussion on national hydrogen strategies and developments, followed by an open Q&amp;A.</i></p>	<p>Moderator: K E Seetha Ram, Principal Knowledge Sharing and Services Specialist, ADBI, Japan</p> <p>Panelists:</p> <ol style="list-style-type: none"> <li>1. Hiroki Yoshida, Deputy Director, Hydrogen and Fuel Cells Strategy Office, Agency for Natural Resources and Energy (ANRE) Ministry of Economy, Trade and Industry (METI), Japan</li> <li>2. Yong Ping Zhai, Senior Advisor, Strategy Development Department, Tencent, People's Republic of China</li> <li>3. Jiyoung An, Associate Research Fellow, Hydrogen Economy Research Team, Korea Energy Economics Institute, the Republic of Korea</li> </ol>

		Open Q&A
3:25 – 3:30 pm (Manila time)	Closing Remarks/Summary	Dina Azhgaliyeva, Research Fellow, ADBI, Japan

## About the Organizers

*[Brief description of each of the organizers]*

### **ADB**

*Since its founding in 1966, ADB has been driven by an inspiration and dedication to improving people's lives in Asia and the Pacific. By targeting our investments wisely, in partnership with our developing member countries and other stakeholders, we can alleviate poverty and help create a world in which everyone can share in the benefits of sustained and inclusive growth.*

### **Asian Development Bank Institute (ADBI)**

*ADB Institute, located in Tokyo, is the think tank of the Asian Development Bank, an international financial institution. ADBI aims to be an innovative center of excellence for the creation of rigorous, evidence-based knowledge that can be implemented as new actionable policies by developing and emerging economies, so as to contribute to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific. It also contributes to ADB's overall mission and operational priorities in line with ADB's Strategy 2030. This vision will lead ADBI to continue to be a globally recognized think tank.*