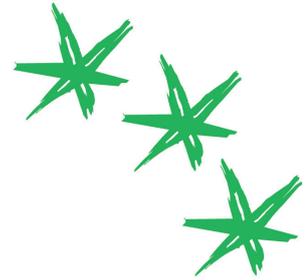


# TRILATERAL ENTREPRENEURS FORUM 2023



Towards Green Growth: Transition and  
Challenges of Clean Energy in East Asia

May 10, 2023  
Lotte Hotel Seoul, Republic of Korea

Host



Supporting Organizations



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# CONTENTS

## OPENING SESSION

Opening Remarks 06

---

Congratulatory Remarks 07

---

## SESSION 1

Policies and Trends of Clean Energy Transition among CJK 11

---

## SESSION 2

Development and Challenges of Renewable Energy in East Asia 16

---

## SESSION 3

Research, Application and Cooperation of Hydrogen Energy among CJK 23

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# TRILATERAL ENTREPRENEURS FORUM 2023



**Towards Green Growth:  
Transition and Challenges of Clean Energy in East Asia**

**Date** Wednesday, May 10, 2023, 14:00-20:00 (Seoul time, GMT+9)

**Venue** Sapphire Ballroom, 3F, Lotte Hotel, Republic of Korea

## PROGRAM

13:00-14:00	<b>REGISTRATION</b>
14:00-14:20	<b>OPENING SESSION</b>
<b>Opening Remarks</b>	<b>SAKATA Natsuko</b> Deputy Secretary-General, Trilateral Cooperation Secretariat
<b>Congratulatory Remarks</b>	<b>YU Haiyan</b> Chief Representative, China Council for the Promotion of International Trade and China Chamber of International Commerce in Korea
	<b>HARA Ichiro</b> Managing Director, Keidanren
	<b>KIM Bong-Man</b> Head of International Affairs, Federation of Korean Industries
14:20-15:20	<b>SESSION 1.</b> <b>Policies and Trends of Clean Energy Transition among CJK</b>
<b>Moderator</b>	<b>SADAMORI Keisuke</b> Director, Energy Markets and Security, International Energy Agency
<b>Speakers</b>	<b>YANG Shangbao</b> Deputy Counsel, Department of Resource Conservation and Environmental Protection, National Development and Reform Commission of the People's Republic of China
	<b>HOSHINO Masashi</b> Director, International Affairs Office, Energy Efficiency and Renewable Energy Department, Ministry of Economy, Trade and Industry of Japan
	<b>KIM Ho-Seong</b> Director, Energy Policy Division, Ministry of Trade, Industry, and Energy of Republic of Korea
	Interactive discussion / Q&A
15:20-15:30	<b>COFFEE BREAK</b>

15:30-16:45	<b>SESSION 2.</b> <b>Development and Challenges of Renewable Energy in East Asia</b>
<b>Moderator</b>	<b>HAN Wei</b> Program Director, Energy Foundation (China)
<b>Speakers</b>	<b>ZHAI Yadong_Eric</b> Vice President, Trina Solar
	<b>OGAWA Ryo</b> Senior Commercial Manager, Shizen Energy Inc. and Director, Shizen International Inc.
<b>Discussants</b>	<b>OHBAYASHI Mika</b> Director, Renewable Energy Institute
	<b>Beni Suryadi</b> Manager, ASEAN Centre for Energy
	<b>LI Chang</b> Senior Supervisor, China Quality Certification Centre
	<b>Interactive discussion / Q&amp;A</b>
16:45-18:00	<b>SESSION 3.</b> <b>Research, Application and Cooperation of Hydrogen Energy among CJK</b>
<b>Moderator</b>	<b>SONG Rak-Hyun</b> President, Korean Hydrogen and New Energy Society and Principal Researcher, Korea Institute of Energy Research
<b>Speakers</b>	<b>FANG Mou</b> President, Qing Power Co., Ltd.
	<b>IZUHARA Daisuke</b> General Manager, HS Business Division & Director, Technology Development Division, TORAY Industries, Inc. & Yamanashi Hydrogen Company, Inc.
	<b>KIM MinSung</b> Director of Management, Hygen Tech Solution
<b>Discussants</b>	<b>MENG Xiangyu</b> Deputy Director, Carbon Neutrality Research Office, Tsinghua Innovation Center in Dongguan
	<b>TAMURA Kentaro</b> Director, Climate and Energy Area, Institute for Global Environmental Strategies
	<b>Interactive discussion / Q&amp;A</b>
18:00-18:05	<b>CLOSING SESSION</b>
<b>Closing Remarks</b>	<b>SAKATA Natsuko</b> Deputy Secretary-General, Trilateral Cooperation Secretariat
18:30-20:00	<b>BUSINESS NETWORK RECEPTION</b>

# OPENING SESSION

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## Opening Remarks

**SAKATA Natsuko**

Deputy Secretary-General, Trilateral Cooperation Secretariat

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## Congratulatory Remarks

**YU Haiyan**

Chief Representative, China Council for the Promotion of International Trade and China Chamber of International Commerce in Korea

**HARA Ichiro**

Managing Director, Keidanren

**KIM Bong-Man**

Head of International Affairs, Federation of Korean Industries

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BIOGRAPHY  
OPENING SESSION

Opening Remarks



**SAKATA Natsuko**

Deputy Secretary-General,  
Trilateral Cooperation Secretariat

Deputy Secretary-General Ms. SAKATA Natsuko joined the Ministry of Foreign Affairs (MOFA) of Japan in 1995 and began her diplomatic career in Asian and Oceanian Affairs Bureau. Since 2011, she served as Counsellor in Embassy of Japan in Malaysia, as well as the Permanent Delegation of Japan to the OECD, where she was also Japanese Energy Advisor to International Energy Agency.

Since 2015, she served as Director of International Peace Cooperation Division, and Assistant Press Secretary and Director of International Press Division. Since 2019, she served as Counsellor in Cabinet Secretariat, and Embassies of Japan in the United States and the Republic of Korea. She became Deputy Secretary-General of the Trilateral Cooperation Secretariat in September 2021.

Ms. SAKATA Natsuko graduated from the University of Tokyo (Law), New York University School of Law (earned LL.M) and Georgetown University, and lately completed the Weatherhead Center Program on US-Japan Relations at Harvard University.

## BIOGRAPHY

# OPENING SESSION

### Congratulatory Remarks



### **YU Haiyan**

Chief Representative,  
China Council for the Promotion of International Trade  
and China Chamber of International Commerce in Korea

Chief Representative Yu Haiyan joined CCPIT in 1988. As a senior economist, Ms. Yu is an expert in the promotion of trade, investment and projects. Between 2018 and 2022, she organized Chinese enterprises to Southeast Asia, Europe and Africa to improve the bilateral investment, in the position of the Deputy Director-General of the Department of Trade and Investment of CCPIT. She has initiated the online platform of “Invest China” ([www.investchinaccpit.com/en/home](http://www.investchinaccpit.com/en/home)), as well as a variety of activities, including the Chinese Enterprises Outbound Investment Conference, Chinese Listed Companies to Build the Belt and Road International Cooperation Forum, Forum on International Cooperation for China’s FTA Promotion and Implementation. She is also involved in the China International Import Expo.

Being awarded the Seoul Honorary Citizenship and Industry Award by the government of the Republic of Korea, Ms. Yu has come to work in Korea for 4 times with the position from Representative to Chief Representative since 1992 when Korea and China just established diplomatic relations.

Nowadays, as the Chief Representative of CCPIT and CCOIC, and Executive President of China Chamber of Commerce in the Republic of Korea, Ms. Yu will make continued efforts in promoting the Sino-Korean economic communication.

BIOGRAPHY  
OPENING SESSION

Opening Remarks



**HARA Ichiro**  
Managing Director, Keidanren

Ichiro Hara is Managing Director of Keidanren (Japan Business Federation). In this role, he is responsible for foreign economic relations. He has been deeply involved in the B7/20 (business counterpart to G7/20) from the outset. He is currently serving as Vice Chair of Trade Committee of the Business at OECD (BIAC).

During over three decades of professional experience with Keidanren, he was also involved in administrative and industrial affairs. Under the Koizumi administration, he was seconded to the Cabinet Office to deal with regulatory reform.

He joined Keidanren in 1986 after graduating from Sophia University.

## BIOGRAPHY

# OPENING SESSION

### Congratulatory Remarks



### **KIM Bong-Man**

Head of International Affairs,  
Federation of Korean Industries

Mr. KIM Bong-Man is the Head of International Affairs Department at the Federation of Korean Industries (FKI). In 2006, he was dispatched to the Ministry of Foreign Affairs of Republic of Korea as an FTA specialist. In 2011, he served as the Head of FKI Tokyo Office for two years, and was later assigned as Head of Regional Cooperation Team at FKI. Later in 2016, he became the Secretary General of FKI International Management Institute until 2020. Since then, he has served his current position at FKI.

Mr. KIM obtained his master's degree in international business & Management at University of Manchester, Institute of Science and Technology. He also obtained an additional master's degree in international relations at University of Newcastle Upon Tyne, UK

# SESSION 1.

## Policies and Trends of Clean Energy Transition among CJK

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### Moderator

**SADAMORI Keisuke**

Director, Energy Markets and Security, International Energy Agency

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### Speakers

**YANG Shangbao**

Deputy Counsel, Department of Resource Conservation and  
Environmental Protection, National Development and Reform  
Commission of the People's Republic of China

**HOSHINO Masashi**

Director, International Affairs Office, Energy Efficiency and  
Renewable Energy Department, Ministry of Economy, Trade and Industry of Japan

**KIM Ho-Seong**

Director, Energy Policy Division,  
Ministry of Trade, Industry, and Energy of Republic of Korea

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**BIOGRAPHY**  
**SESSION 1.****Policies and Trends of Clean Energy Transition among CJK****Moderator****SADAMORI Keisuke**Director, Energy Markets and Security,  
International Energy Agency

Keisuke Sadamori took up his duties as Director of the Office for Energy Markets and Security at the International Energy Agency in October 2012. Previously, he held the post of Deputy Director General for Policy Co-ordination at the Ministry of Economy, Trade and Industry (METI) in Japan. He had been involved with the IEA for a number of years as IEA Governing Board Representative for Japan and as Co-Chair of the Standing Group on Long Term Co-operation. Over the years, Mr. Sadamori has served in the Cabinet of the Prime Minister of Japan and has co-ordinated numerous important projects, including work following the Fukushima-Daiichi accident in March 2011.

BIOGRAPHY  
SESSION 1.

Policies and Trends of Clean Energy Transition among CJK



Speaker

**YANG Shangbao**

Deputy Counsel, Department of Resource Conservation and Environmental Protection, National Development and Reform Commission of the People's Republic of China

Dr. Yang has been working at the former State Economic and Trade Commission and NDRC till now for 22 years, focusing on energy conservation, energy efficiency improvement and environmental protection. During this period, he was assigned as Deputy Governor of Enshi Tujia & Miao Autonomous Prefecture of Hubei Province from 2009-2010. Previously, Dr. Yang worked as Professor at University of Science and Technology Beijing as well as at North China Electric Power University for 7 years. Prior to that, he worked as assistant engineer at Magang (Group) Holding Company Ltd., which is a holding subsidiary of China Baowu Steel Group Corporation.

Dr. Yang did his Postdoc in Economics at Peking University. He obtained his Dr. of Engineering from University of Science and Technology Beijing, and his Master of Public Administration and Management (MPAM) from National University of Singapore.

## BIOGRAPHY SESSION 1.

### Policies and Trends of Clean Energy Transition among CJK



Speaker

#### **HOSHINO Masashi**

Director, International Affairs Office, Energy Efficiency and Renewable Energy Department, Ministry of Economy, Trade and Industry of Japan

As Director of the METI's Overseas Energy Infrastructure, and the International Affairs for Energy Efficiency and Renewable Energy, Mr. Hoshino oversees the Ministry's work on international cooperation and support for development and deployment of energy infrastructure, energy efficiency, renewable energy and related innovative technologies through METI's and multilateral/bilateral strategies.

Between 2019 and the first half of 2021, he served as Senior Programme Officer of Country Engagement and Partnership at International Renewable Energy Agency (IRENA) in Abu Dhabi, where he was in charge of international energy multi-stakeholder engagement such as G20 and Clean Energy Ministerial (CEM).

Mr. Hoshino joined METI in 1996 and engaged in the various work on policy planning and implementation. Between 2016 and 2019, he served as Deputy Director for the International Affairs, Commissioner's Secretariat in ANRE, where he worked for energy cooperation with European countries as well as the promotion of multilateral energy engagement. Between 2014 and 2015, he worked as Deputy Director for the promotion of hydrogen energy in ANRE. Between 2008 and 2011, Mr. Hoshino served as Second secretary at the Japanese Embassy in the Netherlands, where he was in charge of the economic, trade and investment policy.

BIOGRAPHY  
**SESSION 1.**

**Policies and Trends of Clean Energy Transition among CJK**

**Speaker**

**KIM Ho-Seong**

Director, Energy Policy Division,  
Ministry of Trade, Industry, and Energy of Republic of Korea

## SESSION 2.

# Development and Challenges of Renewable Energy in East Asia

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### Moderator

**HAN Wei**

Program Director, Energy Foundation (China)

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### Speakers

**ZHAI Yadong\_Eric**

Vice President, Trina Solar

**OGAWA Ryo**

Senior Commercial Manager, Shizen Energy Inc. and  
Director, Shizen International Inc.

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### Discussants

**OHBAYASHI Mika**

Director, Renewable Energy Institute

**Beni Suryadi**

Manager, ASEAN Centre for Energy

**LI Chang**

Senior Supervisor, China Quality Certification Centre

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BIOGRAPHY  
SESSION 2.

Development and Challenges of Renewable Energy in East Asia



Moderator

**HAN Wei**

Program Director, Energy Foundation (China)

Han Wei joined Energy Foundation China in 2010. She has more than 15 years working experience and gained excellent understanding and knowledge background on the policy evolution, market trends and industrial development on the sustainable energy transition and energy efficiency in China. Now she works as the Director of Projects at the President's Office of Energy Foundation China and is leading the programs of international collaboration and track II dialogues on a range of topics including energy transition, low carbon development, green investment and supply chains, etc, with engagement in Europe, US and Southeast Asia with China corresponding context, policies and stakeholders. She had also worked for Industry Program at EFC for promoting green development and decarbonization in China's industrial sectors. Meanwhile, she had led the Kigali Cooling Efficiency Project at EFC for promoting global access to sustainable cooling technology solutions. Before joining the foundation, she worked for China's National Institute of Standardization and she has extensive experience there on the development and implementation of energy conservation and efficiency policies and MEPS and labeling scheme in China. Ms. HAN holds a Master in Project Engineering from Beijing Aeronautics and Astronautics University in China.

**BIOGRAPHY**  
**SESSION 2.****Development and Challenges of Renewable Energy in East Asia****Speaker****ZHAI Yadong\_Eric**

Vice President, Trina Solar

Vice President of Trina Solar Mr. Zhai joined Trina Solar in April 2022, prior to joining Trina, Mr. Zhai worked in Huawei Technologies Co., Ltd. for nearly 20 years, successfully held the position of Managing Director of Australia Endpoint Business, Managing Director of Australia Key Account, Head of America Movil Key Account Solutions, Managing Director of America Key Account, Director of Mobile Products in Singapore and Japan, and other important roles. Mr. Zhai has accumulated bunch of rich experience in market development and breakthrough, leading the business turn to profit, strategy plan and market.

BIOGRAPHY  
SESSION 2.

Development and Challenges of Renewable Energy in East Asia



Speaker

**OGAWA Ryo**

Senior Commercial Manager, Shizen Energy Inc. and  
Director, Shizen International Inc.

Mr. Ryo Ogawa joined Japan Bank for International Cooperation (JBIC) in 2003 and moved to Japan International Cooperation (JICA) in 2008. Over his career at Japanese government agency, he had extensive experience in financing to infrastructure projects, including energy, transportation and sanitation sector, especially in ASEAN countries. He served as Senior Representative of JICA Indonesia office from 2018 to 2021. He joined Shizen Energy Inc. in August 2021 and has been working for development of renewable energy projects outside Japan. He is also serving as Indonesia-Vietnam Country Manager of Shizen Energy Inc.

Mr. Ryo Ogawa obtained her Bachelor of Law from the University of Tokyo in 2003, and Master of Law (L.L.M) from Fordham University, School of Law in 2012. Attorney at law in New York State, U.S.A.

**BIOGRAPHY**  
**SESSION 2.****Development and Challenges of Renewable Energy in East Asia****Discussant****OHBAYASHI Mika**

Director, Renewable Energy Institute

Mika Ohbayashi is Director at Renewable Energy Institute since its foundation in August 2011. Before joining the Institute, from 2010 to 2011, she worked in Abu Dhabi for the International Renewable Energy Agency (IRENA) as Policy and Project Regional Manager for Asia Oceania. Prior to that, she worked at the British Embassy to Japan as Climate Change Project Advisor from 2008 to 2009, and served as Director at the Institute for Sustainable Energy Policies from 2000 to 2008. She started her career in the energy field by joining the Citizens' Nuclear Information Center in 1992. In 2017, she was awarded the ISES Global Leadership Award in Advancing Solar Energy Policy - in honour of Hermann Scheer by the International Solar Energy Society.

BIOGRAPHY  
SESSION 2.

Development and Challenges of Renewable Energy in East Asia



Discussant

**Beni Suryadi**

Manager, ASEAN Centre for Energy

Energy professional with 13+ years of experience in managing programs and conducting research on energy and climate change, supporting the governments of 10 countries in Southeast Asia to build climate-friendly development of the energy sector, and presenting it to the ASEAN Ministers on Energy Meeting (AMEM) annually.

Currently leading energy partnerships with the U.S., Russia, China, India, Norway, and international development agencies, overseeing multimillion projects' portfolios, including the ASEAN Energy and Climate Change Project (ACCEPT); the first integrated official project that addressed the regional emissions reduction from the energy sector, endorsed by the ASEAN Ministers on Energy, and the ASEAN Interconnection Masterplan Study (AIMS) III; the regional blueprint for electricity interconnection in the region under the ASEAN Power Grid (APG).

A Non-Resident Fellow, The Energy for Growth, Washington, D.C. United States of America; Steering Committee of Global Consortium on Power System Transformation (G-PST), Core Member of Green Grid Initiative Asia-Pacific Working Group, Advisory Board of AGENCE FRANÇAISE DE DÉVELOPPEMENT (AFD) Indonesia, and former Sustainability Advisory Council of PT Aplikasi Karya Anak Bangsa (GO-JEK).

## BIOGRAPHY SESSION 2.

### Development and Challenges of Renewable Energy in East Asia



Discussant

#### **LI Chang**

Senior Supervisor, China Quality Certification Centre

Li Chang, Senior engineer, Member of IEC TC88 and IECRE TF 010 working groups of International Electrotechnical Commission. Member of National Standardization Technical Committees. Member of the expert group of the CNCA Working Group on Digital Standards for Conformity Assessment. He has been engaged in the research of wind energy, solar energy and other renewable energy field. Meanwhile he has nearly 15 years of renewable energy testing, certification and standardisation experience in renewable energy area. He presided over and participated in 7 China national standards, 3 national key research and development plan. From 2010 to 2015, he was engaged in wind turbine research and development in Sinovel Wind Group Co., Ltd and Xinjiang Goldwind Sci & Tech Co.,Ltd. In 2015, he joined CQC as a senior supervisor, engaged in testing and certification work of renewable energy equipment.

Li Chang obtained his Master of Water Resources and Hydropower Engineering from Xi'an University of Technology in 2010.

## SESSION 3.

# Research, Application and Cooperation of Hydrogen Energy among CJK

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### Moderator

**SONG Rak-Hyun**

President, Korean Hydrogen and New Energy Society and  
Principal Researcher, Korea Institute of Energy Research

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### Speakers

**FANG Mou**

President, Qing Power Co., Ltd.

**IZUHARA Daisuke**

General Manager, HS Business Division & Director, Technology Development  
Division, TORAY Industries, Inc. & Yamanashi Hydrogen Company, Inc.

**KIM MinSung**

Director of Management, Hygen Tech Solution

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### Discussants

**MENG Xiangyu**

Deputy Director, Carbon Neutrality Research Office,  
Tsinghua Innovation Center in Dongguan

**TAMURA Kentaro**

Director, Climate and Energy Area,  
Institute for Global Environmental Strategies

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**BIOGRAPHY**  
**SESSION 3.****Research, Application and Cooperation of Hydrogen Energy among CJK****Moderator****SONG Rak-Hyun**

President, Korean Hydrogen and New Energy Society and  
Principal Researcher, Korea Institute of Energy Research

Dr. Rak-Hyun Song has been working as a principal researcher at the KIER since 1990. He served as the director of Department of New and Renewable Energy Research at KIER from 2015 to 2016, and has been a SAB (senior advisory board) member of KIER since 2021. He has been a UST professor since 2010, and served as the representative professor of the UST-KIER campus from 2015 to 2021. From 2016 to 2018, he served as a member of National Committee for New and Renewable Energy Policy, Ministry of Trade, Industries and Energy, Korea. From 2020 to 2022, he served as a member of Hydrogen Model City Consulting Committee, supported by KAIA, Ministry of Land, Infrastructure and Transport (MOLIT), Korea, and since 2022, he has been a steering committee member for the Hydrogen Convergence City of the MOLIT. He served as the Vice President of the KHNES from 2015 to 2021, was elected Senior Vice President of the KHNES in 2022, and is currently serving as the President of the KHNES. In 2020, he served as the chairman of the Asian SOFC International Conference Organizing Committee, and from 2015 to 2016, he served as the SOFC section chairman of the Korean Ceramic Society. He has published about 200 papers including 130 SCI papers.

He received Ph.D. in 1989 and M.S. in 1986 from Department of Materials Science and Engineering, Korea Advanced Institute of Science and Technology (KAIST). He was awarded the Presidential Citation of the Republic of Korea in 2020. He received Chairman's Award of National Research Council of Science and Technology, Korea in 2015 and the PBFC Award from the Korean Electrochemical Society in 2006.

BIOGRAPHY  
**SESSION 3.**

**Research, Application and Cooperation of Hydrogen Energy among CJK**



Speaker

**FANG Mou**

President, Qing Power Co., Ltd

Dr. Mou Fang got his doctor's degree at Seton Hall University (New Jersey, US) and did his post doctor research at Tsinghua University.

After Dr. Fang finished his post doctor research at Tsinghua University. Dr. Fang joined SFCE (Shunfeng Photovoltaic International Limited) and became secretary general of Technical Committee of SFCE, responsible for the work of technical committee.

Dr. Fang founded Qing Power Co., Ltd at 2019, Beijing.

Qing Power is devoting on FC Stack and system R & D and production. The product line of Qing Power covers from few hundred watt to 200 Kw, and be used to drones, trucks and energy storage system.

## BIOGRAPHY SESSION 3.

### Research, Application and Cooperation of Hydrogen Energy among CJK



Speaker

#### **IZUHARA Daisuke**

General Manager, HS Business Division & Director,  
Technology Development Division, TORAY Industries,  
Inc. & Yamanashi Hydrogen Company, Inc.

Dr. Daisuke Izuhara is currently working as General Manager in HS (Hydrogen Society) Business Division at Toray Industries, Inc. in Japan, leading both business strategy and R&D of PEM, CCM and MEA in the all Hydrogen-related business fields, including PEM electrolyzers, PEM fuel cells, electrochemical compressors, and redox flow batteries etc, after working as a visiting scientist at MIT, in USA.

He is also working as Director (Board Member) in Technology Development Division at YHC, Inc. in Japan, which was newly established in 2021 between Yamanashi prefecture, Toray, and TEPCO.

He has been leading various kinds of joint R&D and demonstration programs with their partners. He is leading the P2G System Technology demonstration projects at Yamanashi prefecture since 2016. Recently, Toray was adopted together with the other seven companies by the Green Hydrogen Project under the Green Innovation Funding Program organized by METI and NEDO. In this program, he will lead large industrial scale PEM electrolyzer development and demonstration teams. He also leads NEDO international demonstration projects in India, Scotland, etc, and international business partnership programs to contribute to the realization of a carbon-neutral society in countries and regions around the world.

Dr. Daisuke Izuhara obtained his BS from Kyoto University in 1999, MS from Kyoto University, in 2001, and Ph.D. from Kyoto University in 2013.

BIOGRAPHY  
SESSION 3.

Research, Application and Cooperation of Hydrogen Energy among CJK



Speaker

**KIM MinSung**

Director of Management, Hygen Tech Solution

Mr. KIM Min Sung is a Manager at Hygen Tech Solution, where he has developed and managed various technologies in hydrogen energy generation. Upon joining Hygen Tech Solution in 2016, his career focused on the Research and Development of Hydrogen Gas Generators, including high concentration H<sub>2</sub> water machine. From 2017 until 2019, Mr. KIM extended his work to overseas reach out by developing H<sub>2</sub> Water Supplying Plant technology through further advancing existing H<sub>2</sub> Gas Generators. Since 2020, Mr. KIM has worked on enhancing efficiency in producing hydrogen via electrolysis. With these technologies, he participated in various projects both domestically and internationally. For domestic projects, he worked on several H<sub>2</sub> Gas Generator Systems for renewable energy production for Korea Electric Power Corporation (KEPCO). Internationally, he worked with private companies such as Petronas in Malaysia and ARMY in Myanmar.

## BIOGRAPHY SESSION 3.

### Research, Application and Cooperation of Hydrogen Energy among CJK



#### Discussant

#### **MENG Xiangyu**

Deputy Director, Carbon Neutrality Research Office,  
Tsinghua Innovation Center in Dongguan

Dr. Meng Xiangyu is currently a member of the Energy System Engineering Professional Committee of China Energy Research Association, a member of the Hydrogen Energy Professional Committee of China Energy Research Association, a member of the Low Carbon Special Committee of the Aviation Climate Action Team ACT of the International Civil Aviation Organization, a member of the Fuel Cell Professional Committee of the China Battery Industry Society, a core expert of the carbon neutrality technology strategy expert group of the Ministry of Science and Technology, and a member of the Low Carbon Special Committee of the Guangdong Society of Environmental Sciences.

Dr. Meng Xiangyu's research direction is: "dual carbon" strategy and policies, regional low-carbon development planning and strategic research; Policy research on addressing climate change; Hydrogen energy development strategy, planning, and policies; Advanced hydrogen storage technology and system research and development; Chemical energy-saving technology; Green buildings and energy-saving technologies; Theoretical and technical research on heat transfer process enhancement.

In recent years, Dr. Meng Xiangyu has led and participated in more than ten national major research and development projects, provincial and ministerial research projects, and research and development projects of prefecture level and national key enterprises. He has published over 40 papers in renowned journals and conferences both domestically and internationally, authorized two national invention patents, and participated in the publication of two monographs.

BIOGRAPHY  
SESSION 3.

Research, Application and Cooperation of Hydrogen Energy among CJK



Discussant

**TAMURA Kentaro**

Director, Climate and Energy Area,  
Institute for Global Environmental Strategies

Dr. Tamura obtained PhD in International Relations from the London School of Economics (LSE). After working for the Ecosystem Laboratory at the Yokohama National University, he joined IGES in 2003. He was seconded to UNEP Regional Resources Centre for Asia and the Pacific, the Asian Institute of Technology (AIT), Thailand, from 2007 to 2008. He has centred his research on international cooperation on climate change, in particular the development and design of international climate regime, political economy and comparative studies of domestic climate and energy policy making processes in major economies. He published a number of peer-reviewed journal articles and book chapters and edited books in the field of climate and energy policy



Trilateral Cooperation Secretariat

[www.tcs-asia.org](http://www.tcs-asia.org)