

ASEIC

Global Eco-Innovation Forum 2016

Enhancing SMEs' Eco-Innovation
Readiness in Post-2020

1 June, 2016
Imperial Palace Hotel, Seoul, Korea



Small and Medium
Business Administration



ASEM
SMEs
Eco-Innovation
Center

ASEM Members



Europe Group (30 countries+ European Commission)

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

Asia Group (21 countries+ ASEAN Secretariat)

Australia, Bangladesh, Brunei Darussalam, Cambodia, China, India, Indonesia, Japan, Kazakhstan, Korea, Laos PDR, Malaysia, Mongolia, Myanmar, New Zealand, Pakistan, Philippines, Russia, Singapore, Thailand, Vietnam

Welcoming Message

Importance of Eco-innovation is rising as means to combat climate change and achieve the global goals according to the Paris Agreement. As post-2020 framework is emerging, countries are putting national efforts to find ways to reduce greenhouse gas emissions through enhanced actions. The global society is getting ready to set a long-term goal, adopting policy instruments like market mechanism, and finding other ways in adaptation, implementation, and technologies.

Accordingly, demand from SMEs for climate change activities will be of key importance, as there will be a paradigm shift towards low-carbon and climate responding development worldwide in Post-2020 era. Especially, SMEs have crucial role in global supply chain as backbone of both developing and developed economies.

To raise awareness and tackle issues for SMEs to pursue sustainable growth and find opportunities through eco-innovation, Small & Medium business Administration (SMBA) of Korea and ASEM SMEs Eco-Innovation Center (ASEIC) is holding the Global Eco-Innovation Forum in June 1st, 2016, focusing on “Enhancing SMEs’ Eco-Innovation Readiness in Post-2020” .

Government representatives, policy makers, researchers and SMEs from ASEM region will gather to discuss issues in emerging Post-2020 era, and together find ways for SMEs and developing countries to be resilient in the time. In addition, the results of the working group on ASEM SMEs’ Eco-Innovation Competence will be presented with recommendation for the 11th ASEM Summit, which will be held in July, 2016 in Mongolia.

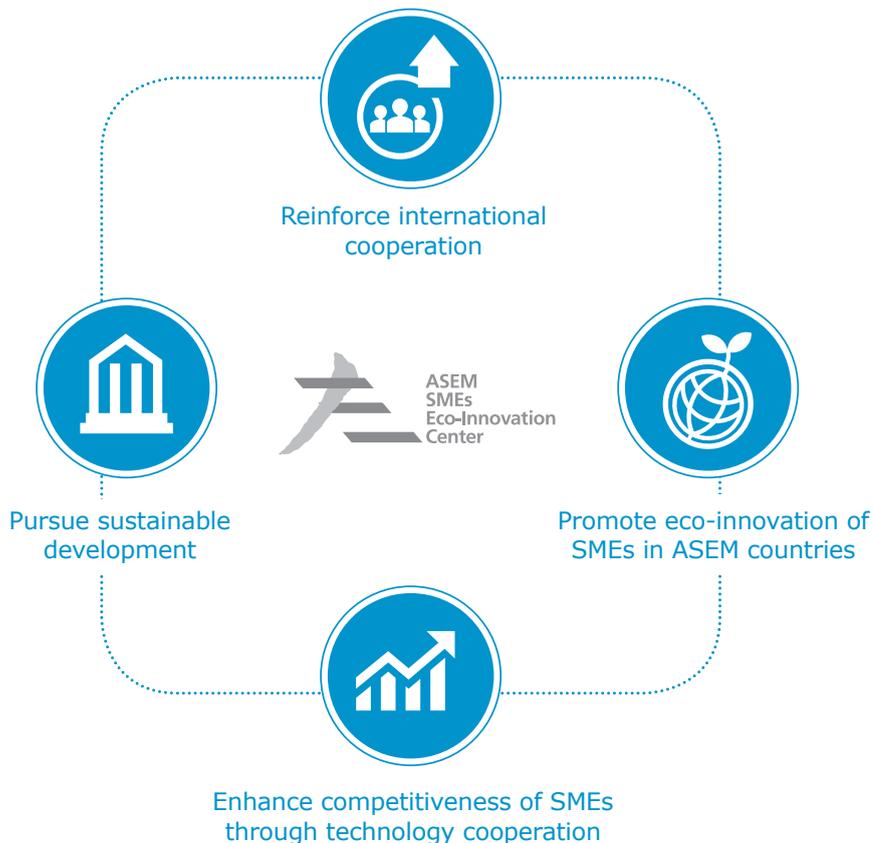
We invite you to this forum for spreading eco-innovation of SMEs worldwide and stepping forward to inclusive and sustainable growth.

The Chairman of ASEIC



Introduction of ASEIC

The ASEM SMEs Eco-Innovation Center (ASEIC) is an inter-governmental body that promotes green growth primarily for Small and Medium-sized Enterprises (SMEs) through a range of unique activities. The establishment and operation of ASEIC was officially endorsed at the 8th ASEM summit, and it was inaugurated on June 15, 2011. It became an independently-managed foundation in 2014 to better implement projects that foster inclusive green growth of ASEM member states. ASEIC has since solidified its position as an inter-governmental body committed to greening SMEs, supporting technological cooperation among SMEs in the ASEM region, and consequently spreading eco-innovation in business practices.



Overview

Title	ASEIC Global Eco-Innovation Forum Enhancing SMEs' Eco-Innovation Readiness in Post- 2020
Date	10:00 AM - 17:00 PM, 1 June, 2016
Venue	Selena Hall Imperial Palace Hotel, Seoul (Eonjuro 640, Gangnamgu, Seoul)
Host Organizer	Small & Medium Business Administration (SMBA) of Korea ASEM SMEs Eco-Innovation Center (ASEIC)
Participants	Representatives from ASEM member states, International organization officials, Domestic and foreign eco-innovation experts , SMEs representatives

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For details, please visit [ASEIC website](#).

Program

1 June, 2016

Moderator

Mr. Ki-Hong Kim

(Professor of Handong University)

Session	Time	Contents
	09:30 - 10:00	Registration
Opening		Opening Remarks
	10:00 - 10:05	- Mr. Kyu-Dae Lee Chairman of ASEM SMEs Eco-Innovation Center (ASEIC)
	10:05 - 10:10	Welcoming Remarks - Mr. Chul-An Choi Director-General of Small and Medium Business Administration of Korea (SMBA)
	10:10 - 10:15	Congratulatory Remarks - Mr. Duck-Soo Han Chairman of Climate Change Center
Keynote Session		Keynote Presentation (1) Climate Change and Enhancing SMEs' Eco-Innovation
	10:15 - 10:55	- Mr. Raimund Bleischwitz Professor, Chair in Sustainable Global Resources, Barlett School of Environment, Energy & Resources, University College London
	10:55 - 11:20	Coffee Break
		Keynote Presentation (2) Role of Technology For the Attainment of Post-2020
	11:20 - 12:00	- Mr. Dong-Woon Noh Economics Senior Research Fellow, Head, Climate Change Research Division Korea Energy Economics Institute (KEEI)
	12:00 - 13:20	Luncheon
Working Group	13:20 - 14:00	ASEM Working Group Presentation on SMEs' Eco-Innovation Competence / Recommendations to the 11th ASEM Summit - Representative of the ASEM Working Group
	14:00 - 14:20	Coffee Break

Session	Time	Contents
	14:20 - 16:20 (Merak)	<p>Session A : Paris Agreement & Implementation of SMEs</p> <p>International Carbon Market Mechanism - Mr. Yoon-gih An, Director of POSCO Research Institute</p> <p>Outline and the Current Status of the Joint Crediting Mechanism (JCM) - Mr. Kenji Asakawa, Task Manager ; Senior Policy Researcher of Institute for Global Environmental Strategy</p> <p>Climate Technology Center Networks and Green Technology Transfer - Mr. Hyun-Woo Shin, Director General of Green Technology Center</p>
		<p>Session B : Post-2020 and Green Economy</p> <p>State of Green Economy in Slovakia - Mr. Barbara Liskova, Project Manager in Slovak Innovation and Energy Agency (SIEA)</p> <p>The World Bank Group's Korea Green Growth Trust Fund - Ms. Eun Joo Allison Yi, Senoir Policy Officer of the World Bank</p> <p>The Korea Energy Agency - Energy Saving Company (ESCO) Program - Mr. Ki Tae Nam, Team Leader of Korea Energy Agency</p>
		<p>Session C : ASEM Countries' Collaborative Efforts in Post-2020</p> <p>ASEM Members - Korea's Eco-Innovation Case - Mr. Hung-Suck Park, Professor of Ulsan University</p> <p>ASEM Members - Lao PDR's Eco-Innovation Case - Mr. Phouphet Kyophilavong, Associate Professor and the Vice-Dean National University of Laos</p> <p>ASEM Eco-Innovation Consulting Program (Malaysia, The Philippines) - Mr. Sang-Joon An, Project Manager of Korea Institute of Industrial Technology</p> <p>ASEAN : Eco-Innovation and SME Interfirm Networks for Circular Economy and 2030 targets - Mr. Venkatachalam Anbumozhi, Senior Energy Economist, Economic Research Institute for ASEAN & East Asia (ERIA)</p>
Break-out Sessions	14:20 - 16:20 (Phad)	
	16:20 - 17:00	<p>Closing SMEs' Eco-Innovation in Post-2020 and the way forward</p>

ASEIC Global Eco-Innovation Forum

: Enhancing SMEs' Eco-Innovation Readiness in Post-2020

- **Opening Remarks**
: Mr. Kye-Dae Lee, Chairman of ASEM SMEs Eco-Innovation Center (ASEIC)
- **Welcoming Remarks**
: Mr. Chul-An Choi, Director-General of Small and Medium Business Administration of Korea (SMBA)
- **Congratulatory Remarks**
: Mr. Duck-Soo Han, Chairman of Climate Change Center

Keynote Session



Raimund Bleischwitz

Professor
BHP Billiton Chair
in Sustainable Global
Resources at University
College London

Raimund Bleischwitz is BHP Billiton Chair in Sustainable Global Resources at University College London (UCL), and Deputy Director at the UCL Institute for Sustainable Resources (UCL ISR). He was Co-Director on 'Material Flows and Resource Management' at the Wuppertal Institute in Germany from 2003 until 2013. Raimund spent a fellowship at the Transatlantic Academy (TA) in Washington DC in 2011 - 2012; he had other fellowships at Johns Hopkins University (AICGS JHU) and in Japan (JSPS) and was visiting professor at the College of Europe in Bruges (Belgium) from 2003 - 2014. Raimund has a PhD and a 'Habilitation' in economics and some 200 publications on resource efficiency/productivity, eco-innovation and enabling conditions, sustainable growth / green economy, raw material markets and conflicts, and governance issues. His recent book written with five international co-authors is "Want, Waste, or War? The Global Resource Nexus and the Struggle for Land, Energy, Food, Water and Minerals" , Routledge / Earthscan Publisher 2015.



Dr. Noh has been researching in the field of climate change since 1988 at Korea Energy Economic Institute, and he currently works to develop a bottom-up model for greenhouse gas reduction potential and Marginal Abatement Cost for Energy and industry sector of Korea. He is one of the Korean delegation for climate change negotiation from 2003. He has been allocation committee for Greenhouse Gas Emissions Trading Scheme of Korea, and he is one of committee members of the National Assembly Climate Change Forum, as well as, Korean climate change Society. He has a PhD of Economics from Oregon State University, and has publications in Journal of Econometrics and Journal of Environmental Management. His specialty is in greenhouse gas reduction potential of industry sectors, sustainable development for industry, low carbon economic systems, future hydrogen-based economy and developing indicators for low carbon policy and energy policy for Post-2012.



Dong-Woon Noh

Economics Senior Research
Fellow, Head
Climate Change Research
Division Korea Energy
Economics Institute (KEEI)



Break-out Session A



Yoon-Gih An

Director
POSCO Research
Institute



Dr. An currently works as a director in Posco Research Institute. He received his Masters in Agricultural Economics at Korea University and his Ph.D. in Sustainable Management at Erasmus University. For more than 20 years, he has been conducting research on environment management, CSR and sustainable management of industries in Posco Research Institute. He also participated in setting government policies about industry environment and CSR as well as international environmental discussion in climate change and international environment and energy standard like ISO 14000/26000/50001. He also lectures in Sejong University.

Dr. Asakawa completed a Masters of Engineering in Architectural Engineering at the Waseda University Faculty of Science and Engineering. While working at a consulting company on environmental preservation projects based on ODA and being involved in environmental impact assessment both in Japan and overseas, he obtained a class-1 certification as an Architect and as a Professional Engineer. Subsequently, after working in the development of global warming mitigation and CDM projects, he obtained his Juris Doctor from Omiya Law School and passed the National Bar Examination. Since 2013, He has been working at IGES in research and investigation on capacity building projects related to the JCM.



Kenji Asakawa

Task Manager ;
Senior Policy Researcher
Institute for Global
Environmental Strategies



Hyun-Woo Shin

Director General
Green Technology Center



Dr. Hyun Woo Shin is the Director General of Green Technology Center Korea that is a government research institution to coordinate and make green growth policies of related ministries and agencies. He was a principal researcher at LG Electronics and a director at LG Chem during 1989-2008. He joined GTC in 2013 and has been a director general of GTC since May of 2014. His major works include green technology policy planning and global green technology cooperation.

Break-out Session B

Dr. Barbara Liskova has a long experience with evaluation of innovation projects in the Slovakia. She is responsible also for the evaluation of investment projects, who apply for the state incentives (including also foreign direct investment). She has participated in implementation of new Operational program Research and Innovation and Operational program of Environmental Quality in the period 2014-2020. She prepares many conceptual and analytical documents for decision-making on economic issues falling within the competence of the central government body (in development position). She is responsible for the preparation of support schemes in accordance with legal regulations and organizing training workshops and many other activities.



Barbara Liskova

Project Manager
Slovak Innovation and
Energy Agency (SIEA)



Eun-Joo Allison Yi

Senior Policy Officer
the World Bank

Ms. Eun Joo A Yi, a US national, is a Senior Operations Officer serving as the Korea Green Growth Trust Fund (KGGTF) Partnership Program Coordinator and Technical Advisor. From 2010 until she began her role with the KGGTF, she worked with IFC Advisory Services (WBG) on private sector resource efficiency and clean energy initiatives. Prior to the WBG, she lived in Norway and Russia and worked in international science diplomacy and on climate, energy, and environment issues. Ms. Yi has worked with various organizations in the private, public, and multilateral sectors, including a Norwegian engineering firm, an international secretariat working with the US EPA and State Department, and Pfizer Inc. She holds a Master of International Affairs degree from Columbia University School of International and Public Affairs (SIPA), with concentrations in International Energy Management and Environmental Policy Studies. She received her B.S. in Biology, minor in environmental science, from State University of New York at Stony Brook (SUNY).



Mr. Ki Tae Nam is ESCO team manager in Financial Support Division of Korea Energy Agency. He has graduated from Hanyang University with Mechanical Engineering, and has worked for Energy audit team and ESCO team in Korean Energy Agency, and has been team leader for Demand side Management team, Consultation of Energy Use Plan team, Regional Energy Support Team and Financial Support Division. He is a Clean Development Mechanism (CDM) verifier, and Korea Voluntary Emission Reduction (KVER) verifier.



Ki-Tae Nam

Team Leader
Korea Energy Agency



Break-out Session C

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Hung-Suck Park

Professor
Ulsan University

Dr. Hung-Suck Park is professor at Department of Civil and Environmental Engineering of University of Ulsan, and is director of center for Green Construction Material. He is also the president of Korea Society for Industrial Ecology. In his previous career, he also was researcher at Environmental Research Center of KIST, and was a laboratory manager at Metropolitan Landfill of Environment Management Corp. He is also registered professional engineer in water quality management of Korea. He specializes in industrial symbiosis and Eco-industrial Park (EIP) development, material flow analysis and life cycle analysis, and leads the regional EIP center in Ulsan, South Korea, which is affiliated to the Korea Industrial Complex Corporation (KICOX). He has presented talks on EIP development and green growth in countries including China, Japan, and Taiwan and organizations such as UNIDO (Sanghai, May 2010) and OECD (Paris, October 2010). And Consulted the UNESCAP project(2009) for eco-efficient urban infrastructure development and IFC Project for Low-carbon CEPZ, Bangladesh(2012) and Vietnam Hoa Kahn Industrial park, Vietnam(2016).



Dr. Kyophilavong is an Associate Professor and the Vice-Dean of the Faculty of Economics and Business Management, National University of Laos. He received his PhD in Economics from the Kobe University in 2003. He has been carrying out research on macro-economic management issues, economic integration, energy, natural resources and environmental issues, and poverty in Laos and has published widely. He has directed numerous projects in his areas of expertise and worked closely with national organizations, universities and government agencies in Laos, and with international organizations such as the Economic Research Institute for ASEAN and East Asia (ERIA), the Asian Development Bank (ADB), the ADB Institute, the Japan International Cooperation Agency (JICA), UNDP, the Mekong River Commission (MRC), IUCN, the World Trade Organization (WTO) and the World Bank. He was a visiting scholar at the Pukyong National University, the Nagoya University, the University of Laval and the Nanyang Technological University and was a Fulbright U.S.-ASEAN Visiting Fellow at the Harvard University. He is editor in chief of the journals “Lao Journal of Economics and Management” and “Lao Trade Research Digest” .



Phouphet Kyophilavong

Associate Professor
and the Vice-Dean
National University of Laos



Sang-joon An

Project Manager
Korea Institute of
Industrial Technology
Korea

Dr. Sangjoon An is a project manager of Korea National Cleaner Production Center (KNCPC) in Korea Institute of Industrial Technology (KITECH). He holds BS, MS, and PhD in Mechanical Engineering from Hanyang University in Korea. He had been in Chemical Engineering Department in Carnegie Mellon University, US as a Post Doctoral position. He also was in Mechanical Engineering and Technology Research Institute of Hanyang University as a research professor. He has several years experience in working with supporting policy planning and project implementation for the cleaner production of Korean SMEs. His main project is “local eco-innovation project” which support the cleaner production technology to local SMEs for minimizing pollution and energy use. This program was handed over from UNIDO/UNEP with Eco-profit project and has been developed in Korea autonomously. He was also project manager for ASEM Eco-Innovation Consulting project in Malaysia and the Philippines in 2015.





**Venkatachalam
Anbumozhi**

Senior Energy Economist

Economic Research Institute
for ASEAN & East Asia (ERIA)



He has a diploma in Environmental Policy at Columbia University and PhD in Regional Economics and Planning at the University of Tokyo. Currently, he serves as a senior energy economist in Economic Research Institute for ASEAN and East Asia (ERIA). He worked as a senior fellow & capacity building specialist in Asian Development Bank Institute (ADBI). He was a member of APEC Study Group on Green Growth. Also, he worked as a member of advisory board in Asia-Pacific Incubation of Environmental Leaders (APIEL) Program, University of Tokyo, Japan



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