ASEIC





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ASEM SMEs Eco-Innovation Center Annual Report 2019

ASEIC

Enhancing Eco-Innovation Awaveness

© The ASEM Eco-Innovation Consulting Project

Providing Information on Responding to Climate Capital

© The ASEM Eco-Innovation Index (ASEI)

Promoting Overseas Expansion and Mutual Exchange of SMEs

© The Green Business Center

Sharing with Various Global Experts

© The ASEIC Global Forum



ASEM SMEs Eco-Innovation Center
Annual Report 2019

ASEIC

It is my utmost pleasure to publish the 2019 Annual Report which contains the traces of the past year.

The ASEM SMEs Eco-Innovation Center (ASEIC) is celebrating its 10th year since its establishment and operation was approved at the 8th ASEM Summit (October 2010). In 2019, ASEIC has carried out various projects to achieve the goal of Promoting SMEs Eco-Innovation through Asia-Europe Cooperation. ASEIC supports the eco-innovation for SMEs in ASEM area through various projects including Eco-Innovation Capability Building Program to raise awareness on eco-innovation among SMEs and related public officials in ASEM regions, SME registration for greenhouse reduction program using carbon credits, cooperative research projects in the eco-innovation field with ASEM member countries, Green Business Center operation to encourage SMEs of ASEM member countries to enter global markets and promote mutual exchanges, and international event organization for ASEM member companies to share eco-innovation.

The annual report is published to look back on these projects and use as a reference for project operation in the future. The report therefore includes overall information of projects carried out by ASEIC for the past year and major achievements.

I hereby express my gratitude to government officials and eco-innovation experts who have supported ASEIC in its projects and activities. ASEIC will put further efforts to accomplish the mission of 'Promoting SMEs Eco-Innovation through Asia-Europe Cooperation.'

Thank you.

March 2020

Secretary General, ASEM SMEs Eco-Innovation Center

Choonglai Cho

ASEM SMEs Eco-Innovation Center introduction

OASEIC introduction

The ASEM SMEs Eco-Innovation Center (ASEIC) is an intergovernmental body that promotes the green growth of small and medium-sized enterprises (SMEs) in Asia and Europe. It was endorsed at the 8th ASEM Summit in 2010 and established in South Korea in 2011.



About the Asia-Europe Meeting (ASEM)

In October 1994, Singapore proposed creating an intergovernmental body founded on the equal partnership of Asian and European countries. Following this proposal, the Asia-Europe Meeting (ASEM) was initiated with the 1st ASEM Summit that took place in Thailand in 1996. Currently consisting of 51 member states, the European Commission, and the ASEAN Secretariat, ASEM holds summits every two years, alternating host locations between Asia and Europe. Apart from the Summit, which is the highest-level forum, there are various levels of regular meetings such as the Senior Officials' Meetings and Ministerial Meetings, including the Foreign Ministers' Meeting, Economic Ministers' Meeting, and Finance Ministers' Meeting. ASEM undertakes a wide range of initiatives promoting political, economic, and socio-cultural cooperation.

*Source: "ASEM Overview." September 2010. Ministry of Foreign Affairs, Republic of Korea

13 Cyprus, 14 Switzerland, 15 Sweden, 16 Slovakia, 17 Slovenia, 18 Spain,19 Ireland, 20 United Kingdom, 21 Austria, 22 Italy, 23 Estonia, 24 Czech Republic,

25 Croatia, 26 Portugal, 27 Poland, 28 France, 29 Finland, 30 Hungary





ASEIC was launched on 15 June 2011, following the official endorsement of its establishment and operation at the 8th ASEM Summit. ASEIC was operated by the Small and Medium Business Corporation (SBC) until it became an independently-managed foundation in 2014 to better implement projects that foster the inclusive green growth of ASEM member states. ASEIC has since supported technological cooperation and driven eco-innovation among SMEs in the ASEM region, solidifying its position as an intergovernmental body committed to greening SMEs.



- The ASEM Eco-Innovation Consulting Project sends a team of professional consultants to SMEs in the ASEM region and provides customized consulting services to improve their green competitiveness.
- The ASEM Eco-Innovation Index (ASEI) is a set of quantitative and qualitative indicators of each ASEM member state's eco-innovation performance that can inform countries on their eco-innovation landscapes and help form relevant policies.
- The ASEIC Global Forum is held annually to serve as a venue for experts from various fields to share their insights on eco-innovation and conjure up ideas for improvement and joint efforts.
- The ASEM Working Group (on Eco-Innovation Competence of SMEs) serves as a ASEM platform for policy dialogue, experience sharing and multilateral cooperation on eco-innovation for the sustainable development of ASEM SMEs.
- The Green Business Center encourages SMEs in ASEM member states to expand to global markets and promotes technology exchange between countries.





Promoting eco-innovation related ideas and practices

ASEM SMEs Eco-Innovation Center

2019 Major Projects and Outcomes

ASEM SMEs Eco-Innovation Center ASEM Eco-Innovation Consulting

ASEM Eco-Innovation Consulting & Capacity Building



Followed by the capacity building, modules were reorganized based on local capacity and needs in 2018, information sessions were organized to intensify the follow-up program in linkage to technology.One-on-one coaching/counselling sessions were also provided by field experts from companies with best practices who attended the fair as lecturers. Amongst the participating countries (Vietnam, Myanmar, Thailand), the program for Thailand was arranged to visit Korea for having inspection visits to exhibitions and companies with best practices.

As a means for SMEs to respond to globally emerging climate change issues, a greenhouse gas reduction project was developed in connection with carbon emission trading market mechanism. Using the CDM system of the UNFCCC, SMEs that implement eco-friendly fuel conversion will be entitled to earn carbon credits corresponding to the amount of reduced greenhouse gas in the future.



I. Capacity Building Program

According to the needs identified for each country, infomation sessions and one-on-one counselling sessions were held regarding the relevant technologies. The average of satisfaction level was 4.10 out of 5 point scale.

State	Vietnam	Myanmar	Thailand
Dates	Aug 20 (Tue)-21 (Wed)	Sep 18 (Wed)-19(Thu)	Oct 22 (Tue)-24(Thu)
Place	Ho Chi Minh	Yangon	Seoul and Gyeonggi-do
Biz Field	Energy efficiency	Industrial wastewater treatment	Eco-design (Eco-packaging)
Programs	 D1: seminars and 1:1 business meetings D2: visits to Korean and Vietnamese companies 	 D1: seminars and 1:1 business meetings D2: visits to Myanmarese companies 	 D1: visits to relevant administrative organizations D2: visits to leading companies D3: exhibitions and seminars
Target Audience	SME field managers, government officials, etc.	Local SME authorities, government officials, etc.	Local SME authorities, government officials, etc.
Target Industry	Companies related to energy efficiency	Textile/Food processing, etc.	Daily supplies, food
No. of attendants	70	85	29

mean satisfaction

4.10%



The specifics of 2019 capacity building programs by country were held as follows:

① Vietnam Eco-Innovation Capacity Building Program

Date	Venue	Subjects
Aug. 20-21, 2019	Edenstar Hotel, Ho Chi Minh	Energy efficiency case studies, one-on-one coaching, company inspection trip





Workshop session

Group photo





One-on-one coaching in the afternoon

Company visit

② Myanmar Eco-Innovation Capacity Building Program

Date	Venue	Subjects
Sep. 18-19, 2019	Mercure Hotel, Yangon	Introduction to wastewater treatment technology and company inspection trip





Seminar session

Group photo



Lecturing

3 Thailand Eco-Innovation Capacity Building Program

Date	Venue	Subjects
Oct. 22-24, 2019	Seoul & Gyeonggi-do area	Eco-design, packaging





Gyeonggi Upcycling Plaza

Visit to Packaging Technology Center



Group visit photo

According to the follow-up monitoring, the most relevant technology for each country was as the following: boiler technology in Vietnam, wastewater treatment in Myanmar and eco-friendly plastic manufacturing in Thailand, respectively. In terms of time to technology introduction, In terms of the estimated time to installation, media wastewater treatment in Myanmar was shown to be the fastest.

Average Survey Results (on average)

Awareness

3,97

Usefulness

4.03

Satisfaction

4.10

II. Greenhouse Gas Reduction Program for SMEs

In 2019, ASEIC developed the Clean Development Mechanism* project linked with carbon credits that can be used by SMEs in the ASEM area and identified candidate enterprises for detailed CPA (Components of Project Activity). The operation of the Programmatic CDM (PCDM)** is expected to relieve the burden on domestic SMEs in securing the carbon credits, promote eco-friendly conversion related to biomass, and enhance the eco-competitiveness in connection with the carbon credits.

② 2019-2020 PCDM Progress (as of Feb. 2020)

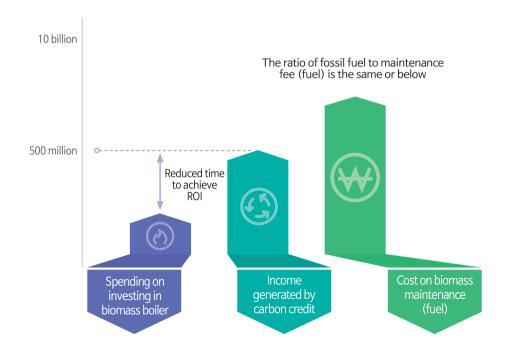


O 2019 CPA Projects and Carbon Credits

In 2019, three CPAs were developed in Vietnam. It is expected that carbon credits can be obtained from the pilot project through monitoring greenhouse gas reduction. Such efforts could support Korean SMEs in Vietnam to transform into environment friendly companies and further contribute to the sustainable growth in Vietnam.



Example



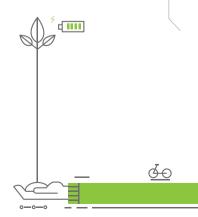




ASEM SMEs Eco-Innovation Center Annual Report 2019







Excavation and Recruitment of Additional

CPA Projects

Roles such as to actively monitor the currently registered companies, seek for additional CPAs through holding information sessions at home and abroad and run surveys for demands

ASEIC shall be actively engaged in continued monitoring of current member companies, holding info seminars in and out of the country in an aim to search for additional companies that can be registered, and conducting surveys to study the demands.

Registered CPA's Carbon Credits and Trading Emission of the Registered CPAs Carbon Credits and

(2) Transactions

Role of "connector" to assist SMEs that lack the capacity not just to issue carbon credits but also to search partners available for financial and project investment and further reduce the risk by transferring to KOC before the transition to the Paris Agreement ASEIC shall provide assistance for SMEs with insufficient carbon management capability to earn carbon credits, search partners available for financial and project investment, issue CERs, and seek risk reduction measures through KOC conversion before the transition to Paris Convention.

3 Self-reliance of PCDM in Vietnam

Role of facilitator to make the PCDM self-reliant through standardizing the PoA and completing the overall cycle of PoA registration to emission and transaction

When an entire cycle is complete from PoA registration, carbon credit earning to carbon credit trading, PoA project standards can be established. ASEIC shall assume the facilitator role to help Vietnam PCDM's independent operation through carbon credit trading fees.

(4) Review Possibility of Programme Expansion

Role of reviewing the possibility of expanding PoAs registration by simplification of the procedure across the member states of ASEM like Indonesia

After Vietnam's PoA registration, ASEIC shall review expansion possibilities to other countries in consideration of simplified PoA registration procedures for ASEM member countries in the area including Indonesia.



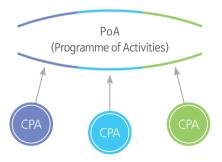
O Notes

* Note 1 _ Clean Development Mechanism (CDM), UNFCCC

The Paris Climate Change Agreement was signed by 197 countries and officially activated in November 2016. In response to global warming, countries around the world including developing countries are expected to carry out binding obligations for greenhouse gas reduction.

** Note 2 _ PCDM Project Overview

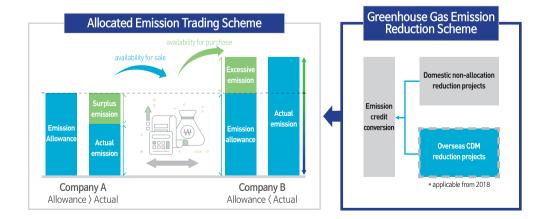
PCDM allows similar projects to be developed in one program so that the program and CPAs can be registered through simplified procedures, conditions, and time periods. This is suitable for SMEs to increase their accessibility to overseas emission rights.



- PoA: Greenhouse reduction program encompassing a number of CPAs.
- CPA: A unit project which satisfies PoA criteria.
- ** After a program is registered, it is possible to continuously add CPAs regardless of time or region (extension possible up to 28 years).

*** Note 3 _ Current Domestic GHG Emission Trading System

According to the amended Enforcement Decree of the Emission Trading Act (March 2017), a domestic company can convert the reduction performance earned from direct operation of overseas CDM projects and use as domestic emission rights. Korea has established a goal to reduce 37% compared to 2030 BAU (Domestic: 32.5%, Overseas: 4.5%) and the greenhouse emission right trading is enforced since 2015. As of December, 2019, the emission right trading price is 40,500 Korean won per tCO2.



ASEM SMEs Eco-Innovation Center

2019
ASEM Eco-Innovation Index (ASEI) –
Eco-Innovation Sectoral Study

2019 ASEM Eco-Innovation Index (ASEI) -**Eco-Innovation Sectoral Study**



ASEIC has developed the ASEM Eco-Innovation Index (ASEI) and promoted relevant projects to enable an understanding between Asian and European member countries and support their mutual development through policy exchange based on current conditions of the ASEM (Asia-Europe Meeting) region.

O Joint Research through International Collaboration

: Eco-Innovation Sectoral Study (Sustainable Farming and Smart Farm)



Following 2018, an eco-innovation sectoral study was conducted through cu-authoring with experts of ASEM member countries in 2019.

| 2019 Eco-Innovation Sectoral Study |

Subject	Studied Countries (8)	
♦ Asia-Europe Eco-Friendly Innovation Sector Report		
Sustainable farming sector – sustainable farming and smart farm	Thailand, Vietnam, Indonesia, India,	
$_{\ast}$ Information on each country's policy/technology/market trends and best	Philippines, Laos, Denmark, Korea	
cases; qualitative evaluation on member countries for the relevant sector.		
〈 Eco-Innovation Research with Overseas Experts 〉 Theme: Sustainable Farming and Smart Farm - "Country Analysis Tool"		

| An overview of each country's current conditions |

An explanation on each country's major challenges related to sustainable farming

(E.g.) Climate change, resource efficiency including energy, water, productivity, environment contamination, Sustainable

Development Goals (SDGs).

o Lesson(s) learned

- o A review on government organizations, legal/institutional systems and policies related to sustainable farming.
- o Key Trends in Smart Farm (precision farming, digital farming, and smart farming)
- A review in terms of policies, technologies and markets and discussion on barriers.
- (Policy e.g.) law, incentives, etc. (Technology e.g.) big data, digitalization, automation, robots, bioengineering, etc.
- (Market e.g.) demands, awareness, financial support, etc.
- o Discussions on how to achieve eco-innovation and sustainable development goals.
- A review focused on innovation cases from different countries and business models including 3 case analyses.
- A summary of lessons and key points obtained from various cases that can be useful to share with other countries.

The outcomes of the joint researches 'Plastic Consumption and Production in the Waste Management Sector' in 2018 and 'Sustainable Agriculture and Smart Farm' in 2019 were presented in the Regional Conference of ENVforum which governmental officers from 5 Asian countries (Laos, Cambodia, Myanmar, Vietnam, Philippines) attended, the 7th ASEM Working Group Seminar on SMEs Eco-Innovation Competence, and 2019 Sustainable Development Transition Forum of UNOSD (United Nations Office for Sustainable Development). The publication of 2018 were distributed through big and small international events and meetings and contributed to policy discussions among the nations. It provides a chance to explore more closely by sector and to better understand ASEM countries in each sector, in a collective manner by having information on policy directions, best cases, concerns and performances, technology and market demands all at once. This would serve as an opportunity for understanding and communication, exchange and cooperation, and mutual learning and development. These studies were designed to support political and technological solutions for the issue of plastics, an issue of global attention, and of Agriculture and Food in the SDGs and also to help achieve the SDGs.

ASEM Eco-Innovation Index (ASEI) sectoral study 2019

Sustainable Agriculture and Smart Farming in selected ASEM countries - Eco-Innovation towards Sustainable Development in the



in 2018 Sectoral Study

Summa	ASEM SMEs Eco-trooution Century and Lessons Learned
	production declined but plastic waste generation increased over past decades. ntries in this study (S.Korea, India, Vietnam, Indonesia, Malaysia), production is increasing
	Packaging among plastic use is high (about 40%) %), Republic of Korea (), India (43%), Vietnam (39%), Indonesia (40%), Malaysia (47%)
Each cou	ntry set goals and targets to reduce and recycle through specific programs and national plan
Country	Goals (Target)
EU	Recycling targets: mandate reuse and recycling of at least 50% of paper, metal, plastic, and glass
	and reuse, recycling, and backfilling of at least 70% construction and demolition waste by 2020
Korea	Comprehensive measures to reduce the amount of plastic waste by 50% by 2030, to raise recycling rates from 34% to 70% by 2030 (2018)
India	
Vietnam	Reduce 65% non-degradable plastic bags in supermarkets, shopping mall in comparison with 2010, Reduce 50% of non-degradable plastic bags in ordinary market in comparison with 2010, Collect and reuse 50% plastic waste from MSW. => 89, 2025, all the supermarkets will provide bio-degradable plastic bags and production/import/supply of non-degradable plastic bags will be banned after 2026.
Indonesia	30% reduction (through 3R) in waste collected by 2025 (relying on household participation) Reduce plastic and other marine waste by 70% by 2025, which strongly linked to overall 100% urb an collection targets on land.

An Excerpt from Presentation Material (Songdo, Incheon, Oct. 2019) in 2019 Sectoral Study

	ASEM SMEs Eco-Innovation C
Sustainable Agriculture Issues	
Agriculture and Climate Change	
- Agriculture is one of the sectors contributing at a high rate to greenhout change, but it is also highly affected by climate change.	se gas emissions and climate
 Economic / Social – Food demand, Low Income and Poverty, Jobs, Ag workforce, Providing adequate farmland 	ing agricultural population, Youn
Resource Efficiency and Proper Us, Traditional Environmental Problem	ns
- Agriculture is one of sectors with great potential to increase eco-efficient	cy.
- Water, Energy, Fertilizers/Pesticides/ <u>Herbisides</u> ,	
Small-scale Farms, Technology uptakes	
Sustainable Development Goal (SDGs)	

ASEM SMEs Eco-Innovation Center

Asia-Europe Environment Forum (ENVforum)

Asia-Europe Environment Forum (ENVforum)



The Asia-Europe Environment Forum (ENV), established in 2003, has been operated with a purpose to strengthen discussions and cooperation between Asia and Europe on Sustainable Development Goals (SDGs). Based on the partnership of five organizations in Asia and Europe, the ENVforum plans annual projects through consultations among the partnering organizations each year and, through their cooperation, organizes annual conferences and national policy workshops as well as publishes various research reports. ASEIC has joined the ENVforum as a partnering organization since 2012.















Annual Planning Consultation

Annual project planning consultation among 5 partnering organizations

Project Execution

Project execution including annual conferences

Project Completion

Holding Steering Committee and Evaluating Project

2019 Annual Conference

• Topic : The Role of Consumers in Triggering Changes Consumption and Production

• Date : Jul 29 (Mon) - 30 (Tue), 2019

• Place : Pacific Yokohama, Japan

• Participants : Around 100 participants from government, international experts, civil society, and academia

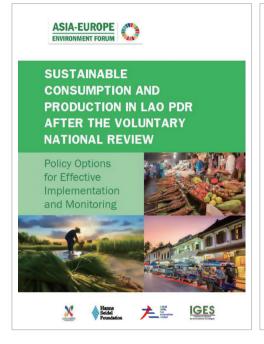


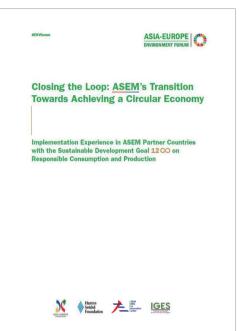






© ENVforum Publication in 2019







ASEM SMEs Eco-Innovation Center

Working Group on SMEs Eco-Innovation
Competence

ASEM Working Group on SMEs Eco-Innovation Competence



The ASEM Working Group on SMEs Eco-Innovation Competence (hereafter referred to as "the Working Group") is a working group that aims at promoting eco-innovation of SMEs in ASEM region and has provided a platform for policy dialogue, experience sharing and cooperation initiatives through discussion about various cooperation projects among member countries.

The 7th ASEM Working Group on SMEs Eco-Innovation Competence

- Date / Venue : Sep. 16-17, 2019 / Seoul Sheraton D Cube City Hotel
- Hosted / Organized by : Ministry of SMEs and Startups / ASEIC
- Participants: Government officials and experts from relevant organizations in 10 ASEM member countries*
- * Denmark, Luxembourg, Netherlands, Philippines, Laos, Cambodia, Malaysia, Myanmar, Thailand, and Korea
- Agenda: Report on the results of the joint corporation project in 2019, Case presentations from member countries, Discussions on projects and Announcement and agreement of results
- Cooperation Projects List (draft)

Theme	Project Description	Interested countries
ECOTHON	Fostering startups in the eco-innovation field of Asia *A pilot Cambodia project was launched in Sep. 2019	Malaysia, Cambodia, Korea, Myanmar and Laos
Inclusive A public-private partnership project to develop loca Growth Project companies and community		Philippines, Laos, Myanmar, Cambodia and Thailand
Enhanced Responsiveness to Global Issues	Increase opportunities and innovative capabilities of SMEs related to major issues, plastics, aging society, and the 4th industrial revolution, in member countries.	Luxembourg, Denmark, Thailand and Philippines







Meeting



© ECOTHON in Cambodia 2019 :Business Idea Contest for SDG 12(Sustainable Consumption and Production)

- Date / Venue : Sep. 17-18, 2019 / Raffles Hotel Le Royal, Phnom Penh, Cambodia
- Hosted / Organized by : Ministry of SMEs and Startups of Republic of Korea, ASEIC,
 Ministry of Industry & Handicraft of Cambodia, Hanns Seidel Foundation
- Partnership : Korea Environmental Industry & Technology Institute (KEITI), Young Entrepreneur Network in Cambodia (YEN), Institute of Technology of Cambodia (ITC), Global Entrepreneurship Network (GEN)
- Supported by : Ministry of SMEs and Startups of Republic of Korea, CONTEC Co. Ltd.
- Participants : 10 teams (35 participants), local and overseas experts (10 people), operation team (10 people) * 55 people in total
- Programs : opening ceremony, workshops, team consultation with experts, solution development, final presentation and awards ceremony
- Winners



Awards Ceremony



Group photo

Prize	Team Name	Business Idea
Gold	TeraX	Resource Efficient Smart Home Management App
Silver	EcoCUP	Biodegradable Paper Cup Production
Bronze	EnvTech	Online Platform for School- commuting Vehicle Service
DIONZE	ITAlab	Smart Farm-related IoT device

Continuous Startup Boot Camp - ICT Spring Participation

- Date / Venue: May 20-23, 2019 / House of Startups, European Convention Center, Luxembourg
- Organized by : Ministry of SMEs and Startups of Korea, Korea Institute of Startup & Entrepreneurship

 Development, ASEIC, Ministry of the Economy of Luxembourg, Luxinnovation, and

 Luxembourg Trade & Investment Office Seoul
- Participants : 9 Korean startups in the fields of Digital, AI, Smart city, FinTech and Aerospace
- Program: Workshops on understanding Luxembourg startup ecosystem, exhibition participation, and networking with major Luxembourg enterprises and startups



ICT Spring exhibition (Media Interview)



Group photo

ASEM SMEs Eco-Innovation Center

Exchange programs with ASEM member countries

Exchange programs with ASEM member countries



On the occasion of oversea tour of Korean high-level government officials, ASEIC implemented several exchange programs for SMEs and Startups in partnership with member countries such industry and large sized companies visit and 1:1 matching program. Additionally ASEIC held a workshop for Korean and ASEAN government officials to exchange startup policy and develop a startup partnership program between Korea and ASEAN member countries to prepare 2019 Korea-ASEAN Commemorative Summit.

O Norway's Industry and Company Visit

- Date : Jun. 11 (Tue), 2019
- Venue : Oslo Renewable Energy and Environment Cluster, Kongsberg and Wallenius Wilhelmsen
- Participants: Korean SMEs and Norwegian company officials, etc.



Group Photo



Oslo Renewable Energy and Environment Cluster

Korea-Norway Business Networking Day

- Date : Jun. 12 (Wed), 2019
- Venue: Oslo Science Park (in the University of Oslo), Norway
- Participants: 100 entrepreneurs and relevant authorities including the Minister of Korean Ministry of SMEs and Startups, the Assistant Secretary of Norwegian Ministry of Foreign Affairs, etc.
- Hosted by : ASEIC, Innovation Norway
- Events : one-on-one corporate counseling, IR pitching of Korean-Norwegian startups



One-to-one business meeting



Startup IR session

O Korea-Norway Eco-Innovation Seminar

• Date : Jun. 13 (Thu), 2019

• Venue : DNV GL Head Office, Norway

• Participants : 25 participants from Korean SMEs and Startups

• Hosted by : ASEIC, Korea Technopark

Association, DNV GL



Group Photo

Startup seminar

Korea-Sweden Startup Meet-up Day

• Date : Jun. 14 (Fri). 2019

• Venue : Shine hotel Stockholm, Sweden

• Participants : 60 participants including Korean and Swedish startup and investors

• Hosted by: ASEIC, KOTRA, Business Sweden

• Events : Startup seminar, Startup IR pitching, networking

Meeting between the Minister of MSS of Korea and companies

• Date : Jun. 15 (Sat). 2019

• Venue : Scandic Continental Hotel, Stockholm, Sweden

• Participants : 50 participants including the Minister of the Ministry of SMEs and Startups (MSS) and Korean entrepreneurs from SME and Startups

• Hosted by : Korea SMEs and Startups Agency, ASEIC, Korea Federation of SMEs, Korea Technology Finance Corporation



Meeting Scene



Workshop Scene

Korea-ASEAN Workshop on Startup policy and cooperation

• Date: Oct. 15 (Tue) - 16 (Thu), 2019

• Venue: Korea-ASEAN Center, Seoul Korea and etc.

• Participants : 30 participants including the Assistant Secretary for the Ministry of SMEs and Startups of Korea, representatives of 10 ASEAN countries, and officials from the Embassy of the ASEAN countries in Korea

• Hosted by : Ministry of SMEs and Startups of Korea, ASEIC, Korea Small Business Institute

• Agenda : Discussion on launching the 'Korea -ASEAN Startup Partnership' and field trip to organizations related to Korean startups policy and programs

ASEM SMEs Eco-Innovation Center **Green Business Center**

O Indonesia Green Business Center



Green Business Center is the representative office of ASEIC, jointly operated by the Ministry of SMEs and Startups of ROK and the Ministry of Cooperatives and SMEs of Indonesia. Since its establishment in 2011, GBC has served as a bridge between Republic of Korea and Indonesia, while supporting SMEs from ASEM member countries to enter the Indonesian market.



Ontroduction of GBC

• Purpose of Establishment

To promote bilateral cooperation by jointly utilizing Korea's green technology and Indonesia's human and material resources and technology exchanges and cooperation among ASEM member countries through support for SMEs to enter the Indonesian market.

Main Functions

Sectors	Details
Support for bilateral cooperation	G2G·B2B exchange and cooperation window between the two countries
Support for local settlement of SMEs from ASEM member countries	Providing office space, supporting administrative procedures, etc.
Support for networking between companies	Forum, seminar, technology matching, etc.

Center Facilities

- Location : 6F, SMECO UKM, Jakarta, Indonesia
- Facilities : 685m²/ SMEs office(13 rooms), Conference room(20 seats), Meeting room, Counseling desk(6 seats), Administrative office, etc.



Main desk



Public facilities



Aisle



Canteen



Conference room



Administrative office



SMEs office



Meeting room

Bilateral Cooperation

A. ROK-Indonesia ICT Sector Global Cooperation Technology Exchange

• Date : 22nd - 25th July, 2019

• Location : Jakarta, Indonesia

• Participants : CEOs from Korean ICT

companies

• Host : ASEIC, KAPID, ETRI



B. ROK-Indonesia SMEs Business Innovation Forum

• Date : 23rd October, 2019

• Location : Jakarta, Indonesia

 Participants: Officials from local government ministries and related agencies in Indonesia, CEOs of local companies,
 Officials from related agencies in Korea,
 CEOs of Korean companies

• Host : ASEIC, KUKM



Metworking

2019 Indonesia Returned Workers and Korean Corporate Recruitment Meeting Event

• Date: 17th October, 2019

• Location : Jakarta, Indonesia

• Participants : Korean company HR managers

and local job seekers

• Host : ASEIC, HRDK Indonesia EPS center



O Local Settlement of SMEs from ASEM member countries

During 2019, GBC supported 10 Korean companies and 3 Indonesian companies.
GBC provided various support services for successful local settlement of SMEs, including legal and tax advice related to the operation of the company, networking, renting office spaces and administrative support for other services.

• List of tenant companies (2019.12)

Number	Name	Business Item
1	TSP Co., Ltd.	Disel power generation plant
2	EOK ECO Korea Co., Ltd.	LED light
3	Sungwon Medical Co., Ltd.	Medical Facilities
4	Batek Co., Ltd.	Dental Imaging Facilities
5	Hyundai ICT Co., Ltd.	LED & Solar Energy
6	Nsoft Co., Ltd.	Customized company recommendation service
7	Best KS Co., Ltd.	LED streeet lamp
8	GoC Co., Ltd.	Optical cable
9	Duseon Cosmetic Co., Ltd.	Organic cosmetics
10	Yeo Ui System Co., Ltd.	Industrial controller
11	PT. BM Global	Coffee
12	PT. Kadesh Borneo	Noni, Coconut Oil
13	PT. MARKO GLOBAL	Coffee, Honey

* A total of \$18 million in contracts and exports in 2019



ASEM SMEs Eco-Innovation Center

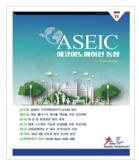
Web Magazine Publication of Environment-friendly Innovation Technology

Trends Survey and Publication of Environment-friendly Innovation Technology



Since 2018, ASEIC has published a web magazine focusing on the latest trends in eco-innovation technologies in order to enhance eco-innovation competitiveness and expand mutual cooperation among ASEM member countries. This web magazine (Webzine) provides domestic and global trends of policies, industries and technologies as well as information on relevant events to people in the authorities and SME business owners.

The Webzine is composed of focus news-in-depth analysis of domestic and overseas policy trends for recent issues-, brief news articles on policies, industries and technologies local and abroad related to eco-innovation technologies, and information on relevant events and bidding. A Korean version is published monthly and an English version is bimonthly. If you want to subscribe, you can apply at the ASEIC homepage (Eng: http://www.aseic.org/main.do/ Kor: http://aseic.or.kr/main.do/.



Trend Report (webzine) Cover



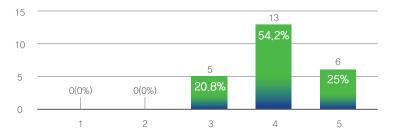
Table of Contents (by theme)



webzine contents

Satisfaction Survey Results

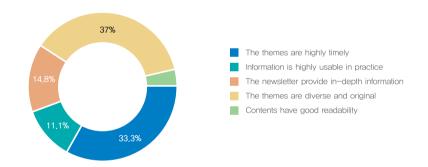
I **Overall Satisfaction** I From the newsletter satisfaction evaluation, 'extremely satisfied' and 'mostly satisfied' accounted for 79% of the respondents showing that subscribers are generally satisfied with the newsletter.



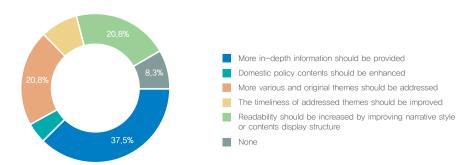
I Subscriber Information | From survey respondents, individuals or companies, it was confirmed that the largest subscribers are mainly enterprises or private research institutes, followed by government-affiliated organizations or non-profit associations.



I Newsletter Strengths I Regarding the strengths of previous newsletters, respondents chose 'The themes are diverse and original.' the most (37%), followed by 'The themes are highly timely.' (33.3%) and 'The newsletter provides in-depth information.' (14.8%). This demonstrates that subscribers rated originality of the themes and their timeliness high.



| Areas for Improvement | When asked to identify what can be improved from the newsletter, it was demonstrated that respondents strongly feel the need to 'provide more in-depth information' (37.5%) as well as the needs for 'more various and original themes' and to 'increase readability.'





ASEIC Annual Report 2019

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Annual

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