



APEC-VC Seoul Workshop 2017

2-3 November, 2017





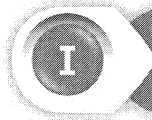
APEC-Virtual Center for Environmental Technology Exchange

"APEC-VC Seoul Workshop 2017"
1-4 November 2017

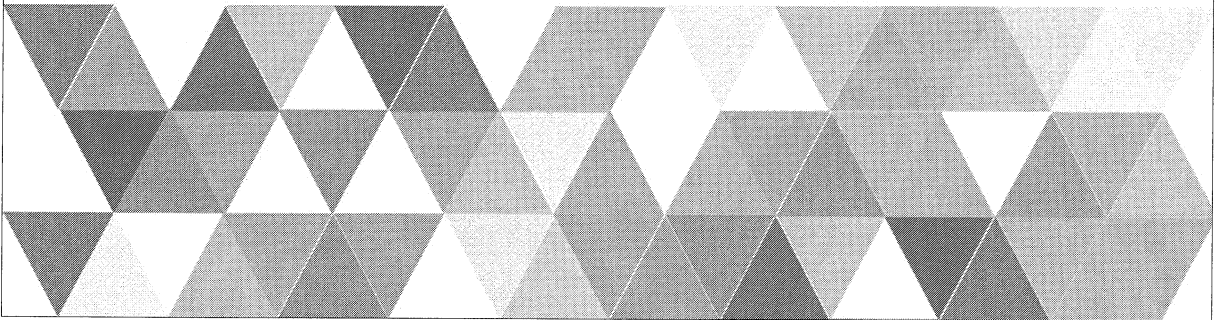
APEC- VC Korea(KEITI)

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KEITI and KONETIC



1-1. Korea Environmental Industry and Technology Institute(KEITI)

Key Functions and Programs



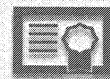
Environmental Technology R&D

- Environmental Technology (R&D)
- Planning, Evaluation, Management



Train Professionals and Provide Information

- Train environmental Industry · Technical professional and Create Jobs
- Collect Environmental Industry, · Technical Information, Utilization and Education, PR



Certification Evaluation

- Operate Environmental Mark, Carbon Achievement Carbon score label
- Certification · verification environmental technology and certification of green technology



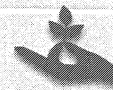
Develop Environmental Industry

- Develop environmental industry and support expansion to overseas market
- Environment loan, Eco-friendly creative economy center



Distribute Eco-friendly Business Models

- Promote green product life
- Promote eco-friendly management and low carbon management by company



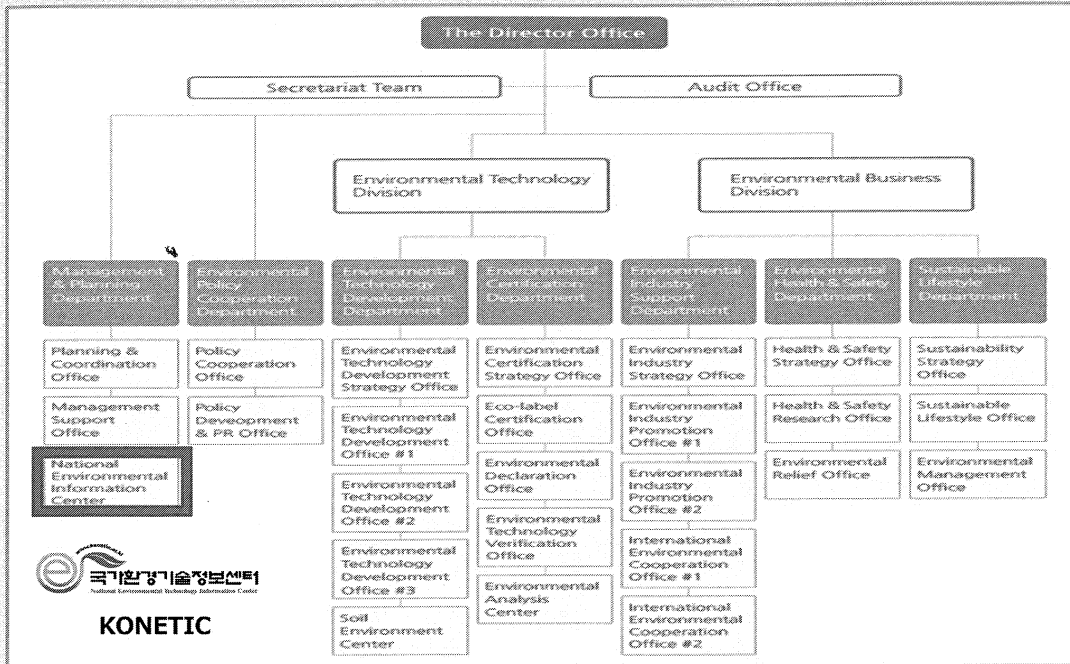
Support Environmental Health · Safety Management

- Relieve environmental damage and manage chemical materials
- Manage eco-friendly product, support environmental health · safety for the vulnerable social group

1-2. Korea National Environmental Information Center(KONETIC)



KONETIC and APEC VC Secretariat within KEITI



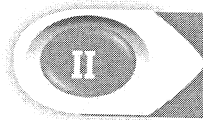
1-3. Korea National Environmental Information Center(KONETIC)

Systematic collection, processing and distribution of domestic and overseas environmental information

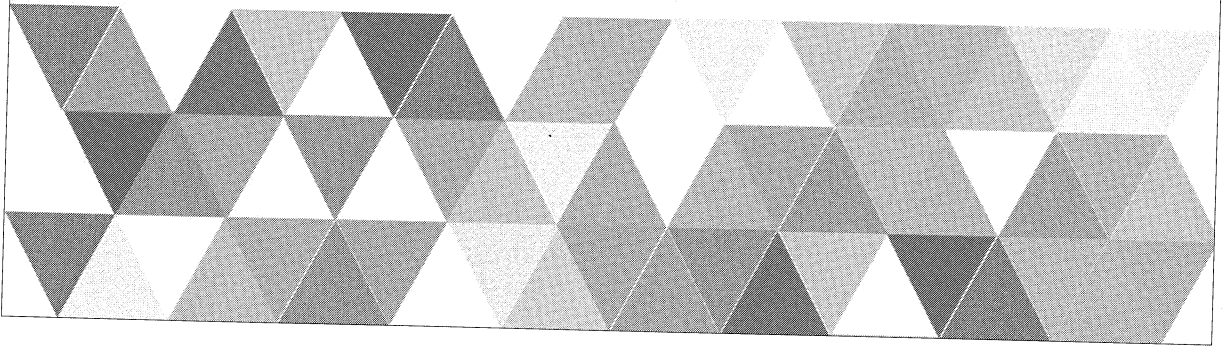
30 staff members

319 equipment, including servers and software

- Collected and serviced 1.8 million database
- Noted as a major Korean Portal Site for Environmental Information



APEC-PPSTI



2-1. APEC Policy Partnership for Science and Technology

APEC IST-WG (Industrial Science and Technology Working Group) was established in 1990 to promote :

- Trade Liberalization
- Environmental Conservation
- Improvement of Quality of Life
- Sharing Knowledge and Experience among member economies

APEC-PPSTI (Policy Partnership for Science and Technology) was formed in 2012, expanding the mandate of the IST-WG

- Include its discussions innovation policy development and to intensify cooperation among governments



2-2. PPSTI Strategic Plan

APEC PPSTI adopted **PPSTI Strategic Plan(2016-2025)** in its 6th meeting in Manila, Philippines, to achieve **innovative economic growth by 2025**

Building Science Capacity	Promoting Enabling Environment for Innovation	Enhancing Regional Science and Technology Connectivity
<ul style="list-style-type: none">• Enhance Human Capacity• Improve Science Integrity• Increase Science Awareness	<ul style="list-style-type: none">• Promote Science and Technological Entrepreneurship• Accelerate Commercialization of Science and Technology• Promote Public-Private Partnerships for Science and Technological Innovation	<ul style="list-style-type: none">• Promote and empower young/early career innovators• Accelerate S&T knowledge sharing to strengthen regional connectivity• Create STI ecosystems and STI networks that strengthen regional STI linkages

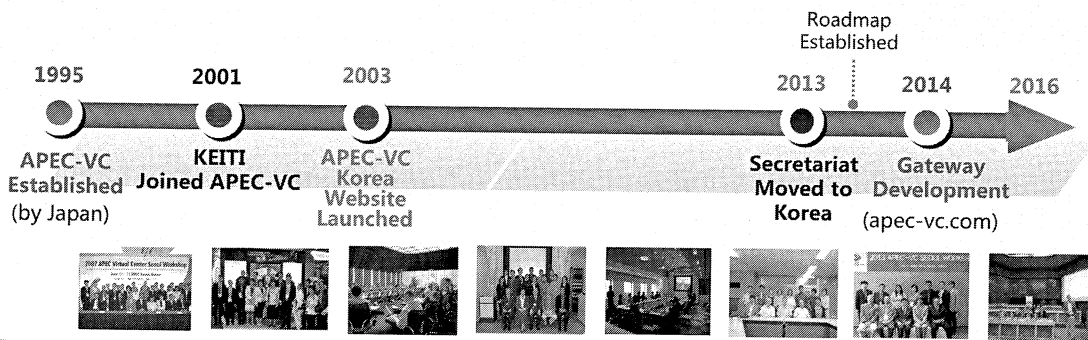
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APEC-VC Project

3-1. APEC-VC Project

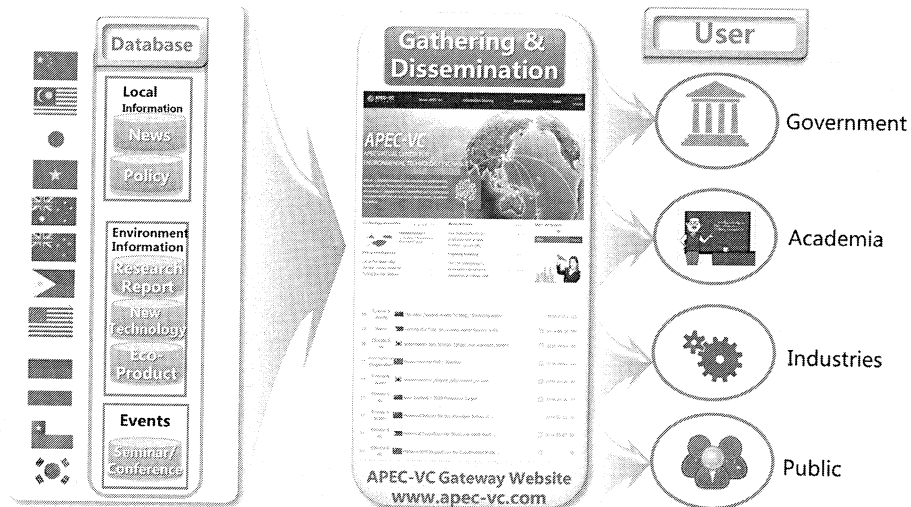
Exchange of environmental technologies to assist SMEs and developing economies

Project	APEC Virtual Center for Environmental Technology Exchange
Period	2013~2017 (Endorsed by PPSTI)
Economy	Republic of Korea (lead Economy)
Co-Sponsor	Japan, Australia, Chile, Philippines, Malaysia, Chinese Taipei, Vietnam



3-2. APEC VC Gateway Website

APEC-VC Single Entry Point : VC Gateway

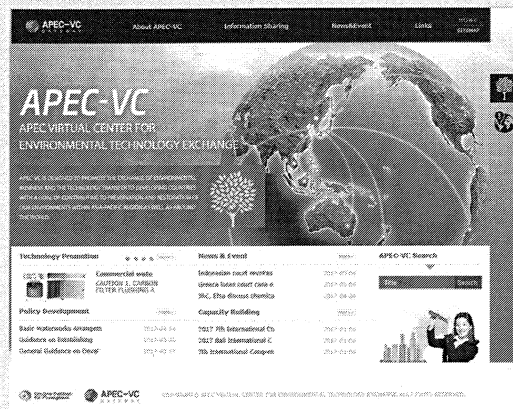


3-3. Online Information Exchange

 **APEC VC Korea Website**
(www.apec-vc.or.kr)



 **APEC VC Gateway Website**
(www.apec-vc.com)



 **APEC VC Korea Database**

- Established more than 24,000 DB on environmental technology and industry

2002-2009	2010	2011	2012	2013	2014	2015	2016
11,918	1,928	2,020	1,827	2,092	1,859	1,374	1,333

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3-4. Activities of APEC-VC Korea(APEC-VC Secretariat)

1. APEC VC Workshops

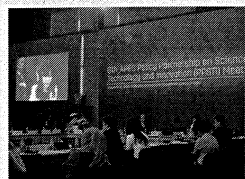
- ❖ Held once a year in member economies (15 times, 1999-2016)
- ❖ Exchange information on environmental technology
- ❖ Report on each VC economy's activities
- ❖ Discuss about the future plans and directions

Country	2009	2010	2012	2013	2014	2015	2016
Year	Australia	Japan	Japan	Korea	Malaysia	Korea	Korea



2. Participation in the APEC-PPSTI

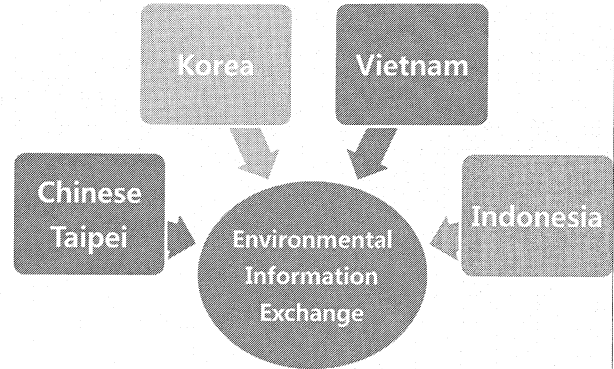
- ❖ Participated in PPSTI meeting once a year from 2012



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3-5. 2nd Phase of the APEC-VC Project

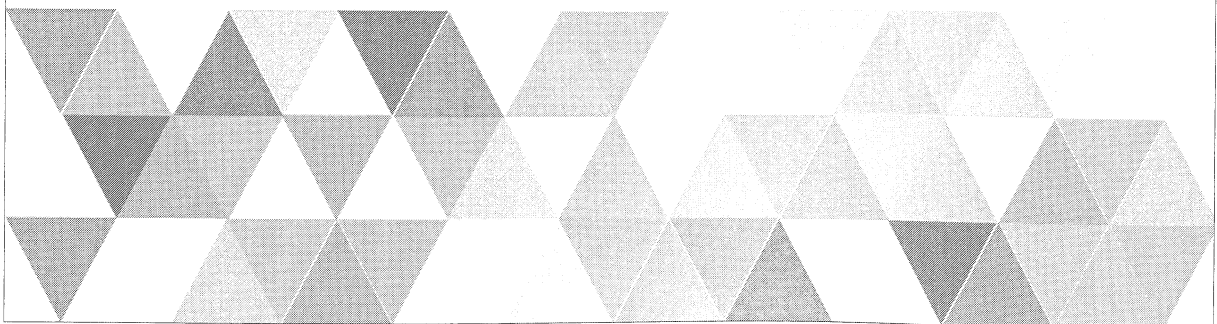
In line with the **PPSTI Strategic Plan**, APEC-VC Project plans to strengthen Environmental information exchange cooperation within the APEC region with members that have the capacity and the resources to increase **regional connectivity**, strengthen **regional linkages**, and to protect the **environment**



- Utilize the APEC-VC Gateway
- Participate actively in the APEC-PPSTI meetings
- Expand of offline information exchange

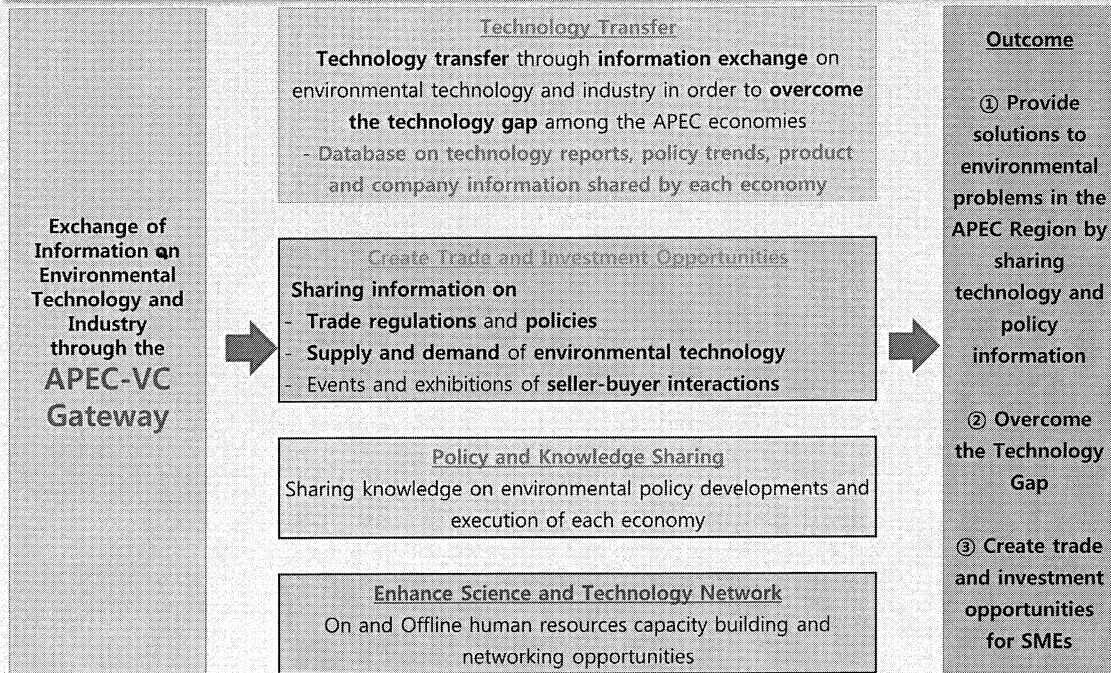
Project Extension will be requested to the PPSTI Meeting in 2018

IV Future Plans for the Project



4-1. APEC-VC Road Map ('18~'22)

Enhancing Regional Science and Technology Connectivity through the Utilization of APEC-VC Gateway



4-2. APEC-VC Gateway MMoU

For the past 10 years, the APEC-VC Project has met with the problem of **commitment**.

- In order to solve this problem, the signing of the APEC-VC MMoU would be necessary
- Currently, Korea and Chinese Taipei have decided to sign(signatory member)
- Vietnam NASATI has decided to participate(participatory member)
- The Secretariat would like to consider this year's workshop as an opportunity to overview the MMoU with all members, including the new members

