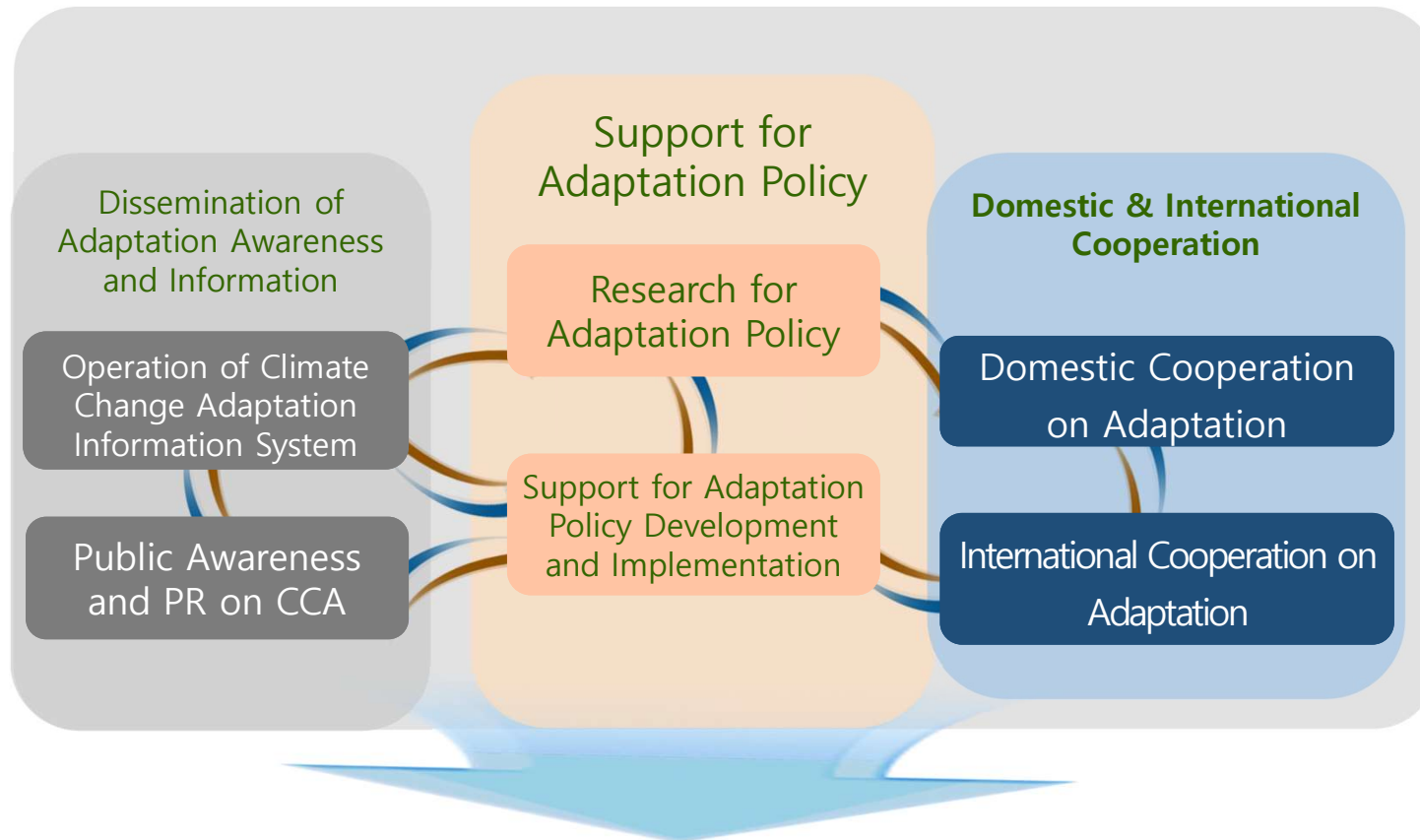


Introduction of Korea Adaptation Center for Climate Change (KACCC)

Young-il Song

Korea Adaptation Center for Climate Change

Tasks of KACCC



Leading Policy Development and Research
for Enhancement of National Adaptation Capacity

Supporting system

❖ Develop a supporting system for providing information

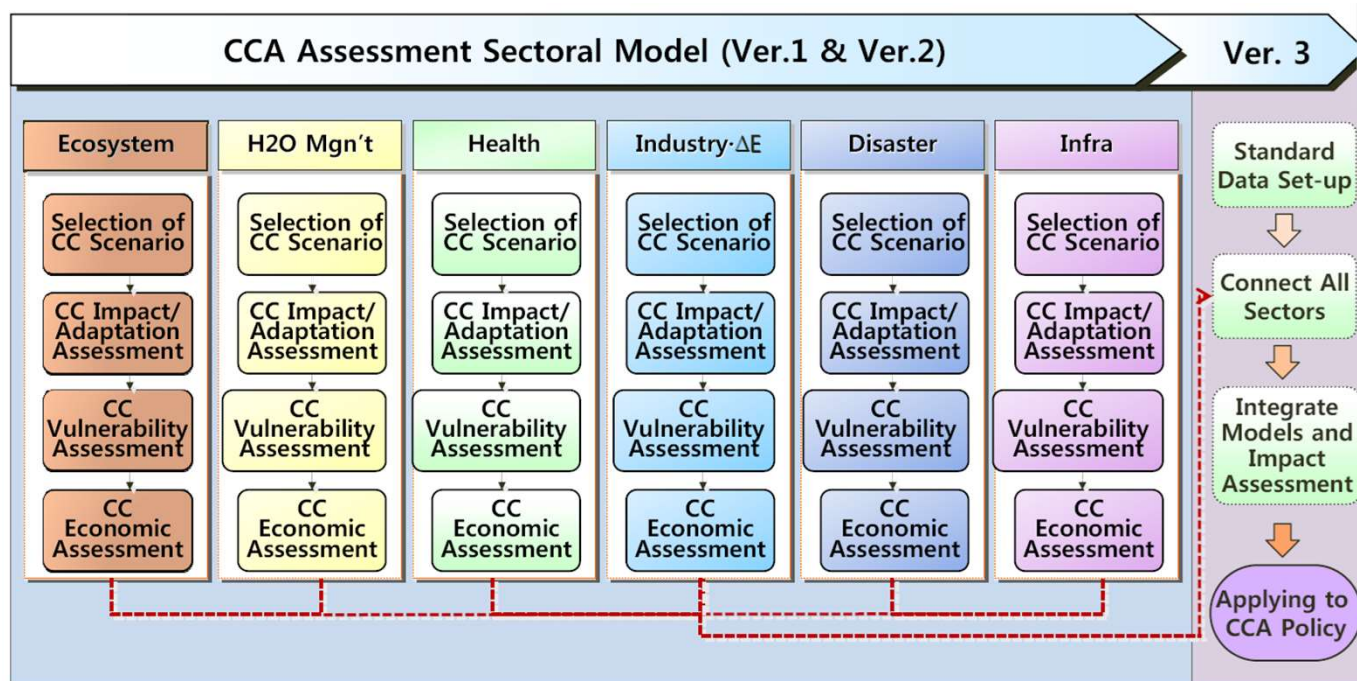
- Provide a supporting system for web-based adaptation policies and inventory search service
- Open wizard pages for adaptation to support the establishment of the adaptation policies



Supporting System for
Climate Change Adaptation Policy
(<https://kaccc.kei.re.kr>)

Supporting system

❖ Integrated Model for Climate Change Adaptation

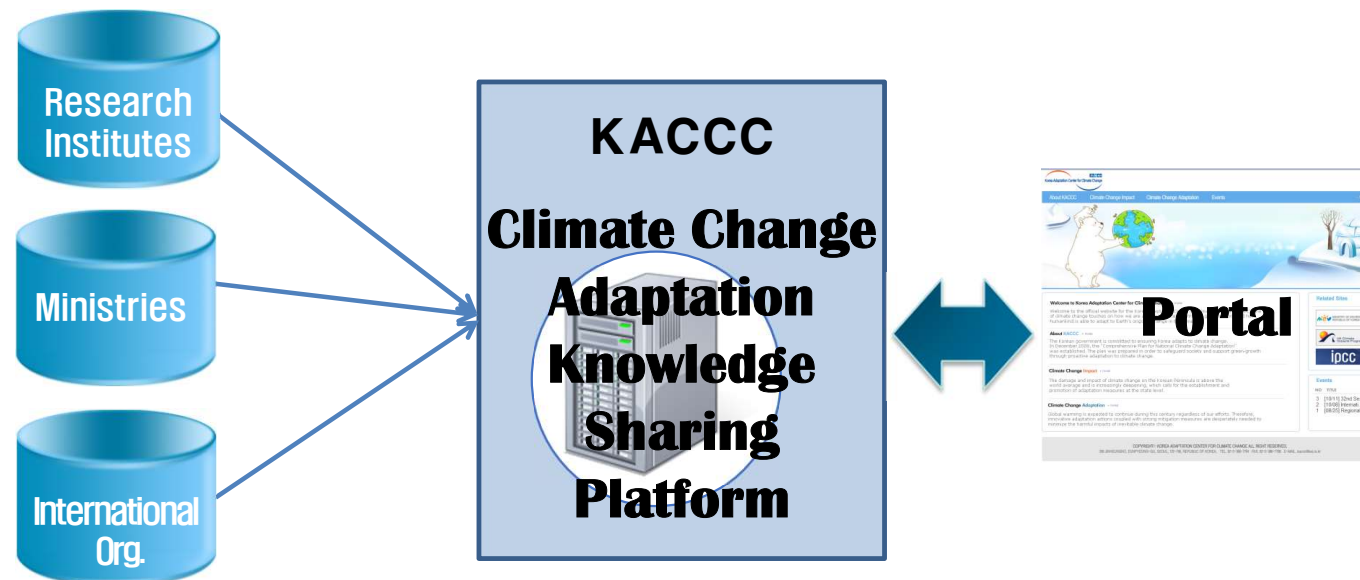


※ Sectoral Application based on the Comprehensive Plan for National Climate Change Adaptation

Supporting system

❖ Establishing and operating the knowledge sharing platform

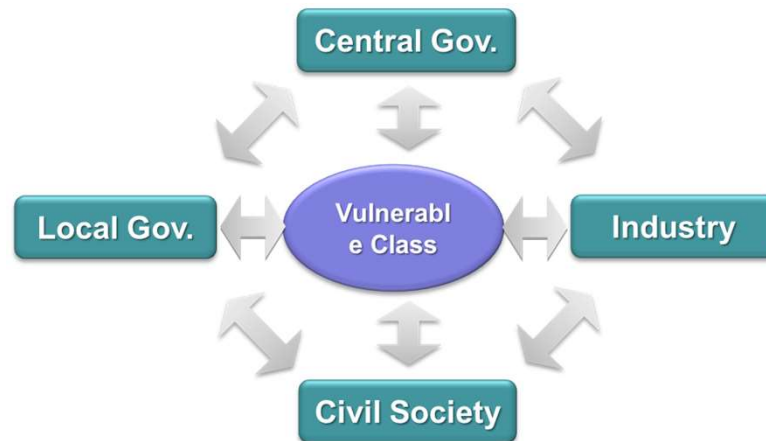
- Providing and Sharing the domestic and international adaptation information in a manner of 'One-Stop-Shop'
- Establishing Climate Change Adaptation Knowledge Sharing platform :
March - December, 2010



Supporting system

❖ Governance

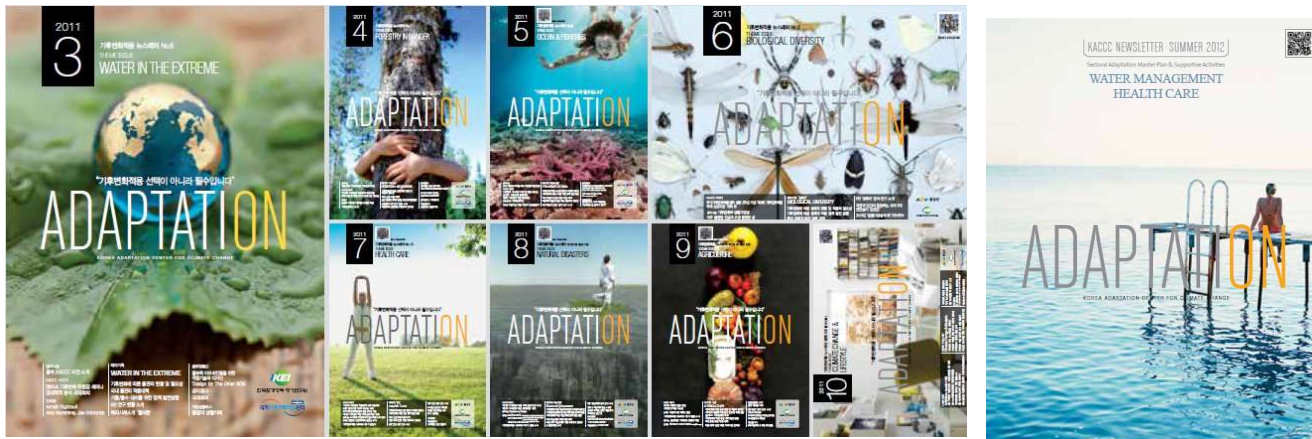
- Supporting the impact assessment and policy-setting of local government
- Developing guidelines for Adaptation Measures of local government
- Supporting adaptation technique and policy
- Operation of consulting team for policy-setting of local government
- Governance Promotion : March - December, 2010



Newsletter

❖ Publicize and distribute of newsletter (Korean/English)

- Spread the achievement on domestic adaptation policies and reinforce global status by publishing English version of newsletter each quarter
- Contribute to the improvement of awareness and understanding of climate change adaptation through the publication of newsletter



PR publication

❖ Produce and distribute of adaptation PR materials

- Select core adaptation information, compress the information, and enhance the attention through differentiated edit style and design
- Expand PR contacts for the information on climate change adaptation using various distribution channels such as academic events, international meetings, and field PR with the produced PR materials



03. PREPARATIONS FOR CLIMATE CHANGE ADAPTATION

06/07

We Must Adapt to the Changing Climate Now

At present time, the awareness of global warming is largely accepted as fact, and it is more important than ever to reduce greenhouse gas emissions and adapt to changing climate. Moreover, the Korean government has issued National Plan on Climate Change Adaptation to target the key and concrete and create a safe Korean peninsula that is prepared for a 2°C increase in average temperature.

2°C Increase as Target Goal
If greenhouse gas emissions reduce in accordance to the 4th scenario, the average temperature of Korea in 2050 is expected to increase by 2.05°C (Ministry of Environment). If the international community does not implement climate change response measures, the average temperature change of Korea is expected to reach 3.00°C (Korea Hydro & Nuclear Power). Therefore, proactive adaptation measures could decrease the cost of climate change impacts.

'National Climate Change Adaptation Master Plan' is an Adaptation Policy which Involves the Cooperation of 13 Ministries
'National Climate Change Adaptation Master Plan' (2011-2012), which coordinates the efforts of 13 ministries and 101 experts from various fields, was established with the Ministry of Environment as the ministry-in-charge. Participants of the plan, in cooperation, established seven sector-specific adaptation policies for health and disaster and three adaptation measures.

Health Health and safety adaptation measures	Disaster Disaster prevention adaptation measures	Agriculture Agriculture and fisheries adaptation measures	Forest Forest management adaptation measures	Coastal Industry Coastal industry and port adaptation measures
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'National Climate Change Adaptation Master Plan'
(2011-2012)

Water Resources Water and energy adaptation measures	Energy Energy conservation adaptation measures	Climate Change Monitoring & Impact Assessment Climate change adaptation measures	Adaptation Business - Energy Adaptation business adaptation measures	PR Education (International Cooperation) PR education adaptation measures
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KACCC has Achieved Various Accomplishments Related to Climate Change Adaptation

01 **Support for Climate Change Adaptation Policies**
Carry out researches on climate change adaptation
Evaluate national adaptation policies and research capacity building for effective adaptation
Impact and vulnerability assessment of climate change
Measuring economic and social influence in Korea

02 **Establishment of Climate Change Adaptation Networks**
Promote domestic / international cooperation on adaptation
Basic tasks for research projects on adaptation with domestic research institutes
Build and strengthen cooperation with foreign governments and stakeholders

03 **Climate Change Adaptation Information Organization**
Build and operate an information-delivery system and web-portal
Manuals & One-Stop-Shop" network system for disseminating all information concerning adaptation
Build and provide information on climate change adaptation

04 **Education and Nationwide Promotion**
Provide education programs for stakeholders
Develop education materials and programs for stakeholders
Raise awareness of climate change adaptation through media
Introduce public service programs for adaptation
Introduce successful adaptation examples and major issues via media
Issue an Online and paper-based Adaptation Newsletter

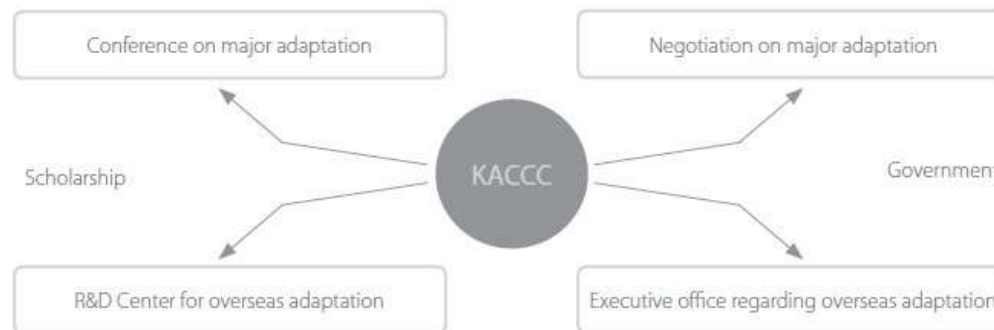


International Networking

❖ Establish international adaptation network and support Korean government for international negotiation

- Support international government level negotiation related to adaptation
- Sign MOUs with overseas organizations related to adaptation
- Visit, invite, interview and execute collaboration with overseas organizations related to adaptation
- Participated major international meetings related to adaptation

> Concept diagram of international network of KACCC



Thank you!!

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<https://kaccc.kei.re.kr>