

Carbon Capture and Storage Related Activities in Korea

Chang-Keun Yi, Ph.D. (KIER)
Sung-Chul Shin, Ph.D. (KIER)
Chong-Kul Ryu, Ph.D. (KEPRI)

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Updated Progress

- 1. Activities in APP**
- 2. CCS R&D by 4 ministries**
- 3. Joint Workshop on CCS**
- 4. Membership for “FutureGen Project”**

1. Activities in APP

- **Korea joined APPCDC (Asia Pacific Partnership on Clean Development & Climate), IEA GHG as well as CSLF.**
- **In APP, Korea is actively involved in Cleaner Fossil Energy, that is CCS area.**
- **Korea has been appointed chairs of**
 - **Renewable Energy area**
 - **Buildings & Appliances area**

2. CCS R&D by 4 Ministries

- **4 government ministries are involving CCS S&T development**
 - **MOCIE (Ministry of Commerce, Industry & Energy)**
 - **MOST (Ministry of Science & Technology)**
 - **MOMAF (Ministry of Maritime Affairs & Fisheries)**
 - **MOE (Ministry of Environment)**
- **Korea has tried to join a couple of CSLF on going projects**

CCS Activities supported by Korean government

- **Ministry of Commerce, Industry & Energy (MOCIE)**
 - CO₂ separation & conversion technologies
 - CSLF international collaboration
 - Managed by KEMCO
- **Ministry of Science & Technology (MOST)**
 - CO₂ capture
 - Oxy-fuel combustion
 - Managed by CO₂ reduction & sequestration R&D Center
- **Ministry of Maritime Affairs & Fisheries (MOMAF)**
 - CO₂ ocean sequestration technology program
- **Ministry of Environment (MOE)**
 - Modeling, monitoring, verification

3. Joint Workshop on CCS

- **On Feb. 9-10 2006, Korea CCS workshop**
- **Supported by 4 ministries**
- **Held in Jeju with 300 participants**
- **Purpose: To promote the exchange of relevant technology information and raise the public awareness on climate change**



4. Membership for “FutureGen”

- **MOCIE is considering to join the government steering committee through membership of “FutureGen” project.**
- **IGCC Demonstration Project (300MW) will be launched this year.**