

Member Reports on CO₂ Capture and Storage Related Activities

China

Updated Progresses

- **Several academic institutes are researching on carbon capture technologies, including post-combustion and pre-combustion technologies;**
- **Several EOR (Enhanced Oil Recovery) projects have been implemented in Shengli, Zhongyuan, Jilin, Daqin, Jiangsu, Songliao oil fields;**
- **Cooperated with Canada for ECBM (Enhanced Coal Bed Methane Recovery) project in Qinshui, Shanxi Province;**
- **On 22-23 August 2005, “GCEP (Global Climate and Energy Project) International Workshop on Clean Coal Technology Development : Carbon Mitigation, Capture, Utilization and Sequestration” was hold in Beijing, China. Around 150 Foreign and domestic experts gathered together to discuss CCS (Carbon Capture and Storage) technologies;**

Updated Progresses (continued)

- **In 2005, the CCS technology was integrated into the National Medium- and Long-term Science and Technology Development Plan towards 2020 when the Chinese Government formulated the Plan;**
- **On 24 August 2005, a domestic CCS seminar with participation of a small group of experts was held, aiming at taking stock of CCS in China, and seeking for thoughts and ideas on the roadmap of CCS S&T development;**
- **Participating into the EUF6 project “Geocapacity”. In this project, A specific area will be selected to assess storage potential and mapping of sources and sinks. In addition, capacity building etc. will be carried out;**
- **Discussion with EU for a ten-year cooperation project on CCS.**

Prospective on CCS S&T development

- **Initial thoughts**
 - **closely follow the international CCS S&T development;**
 - **organize domestic CCS studies in an appropriate way;**
 - **formulate the CCS technology development strategy to guide the long term development;**
 - **In short term, the CCS technology R&D should focus on those technologies and demonstration projects with economic benefits.**
- **Main activities in near future**
 - **To formulate the CCS S&T development plan and integrate such plan into the national 11th five-year S&T development plan;**
 - **To participate in the CSLF activities;**
 - **Early next year, a CCS workshop will be held to shape the future CCS S&T development;**
 - **To organize a strong team to implement the EU CCS cooperation project.;**
 - **To seek more cooperation projects with other countries or regions, jointly developing CCS technologies and constructing demonstration projects;**
 - **To exchange experts so that Chinese experts can be involved in the CCS technology development in developed countries.**