



Member report on CCS activities

China

April 4, 2006

Major activities

- **Domestic supports on CCS**
- **International cooperation on CCS**
 - **Two MoUs signed**
 - **GeoCapacity (EU FP6)**
 - **COACH(Cooperation Action within CCS China-EU)**
 - **UK-China phase 1 cooperation on CCS**

Domestic supports on CCS

- **Apart from the EOR (Enhanced Oil Recovery) projects implemented in Shengli, Zhongyuan, Jilin, Daqin, Jiangsu, Songliao oil fields, several workshops and research projects on EOR and capture as well are being planned and supported by the Chinese government.**
- **CCS S&T development plan will be formulated and integrated into the national 11th five-year S&T development plan.**

Two MoUs signed

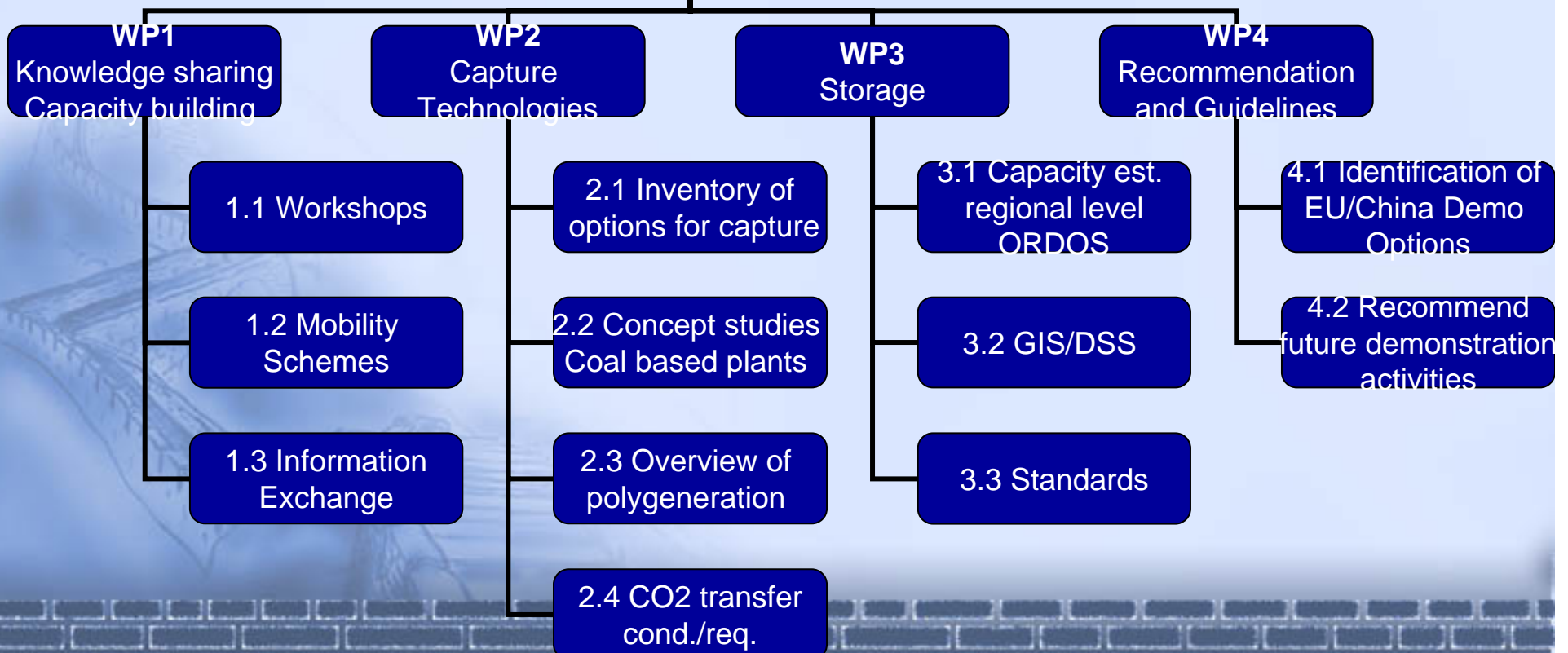
- **On Nov. 21, 2005, Ministry of Science and Technology(MOST) of China and UK government signed a MoU on phase 1 cooperation on near-zero emission power plant through CCS. The cooperation covers but not limited to: 1) Develop knowledge & expertise in CCS; 2) Assessment of CCS potential in China; 3) Identify opportunities for demonstration & deployment in China; 4) Review costs & economics of CCS in China; 5) Options for financing R&D.**
- **On Feb. 20, 2006, MOST and the European Commission signed another MoU on near-zero emission power generation technology through CCS. Under the MoU, three phases of the cooperation are foreseen:1) Exploring the options for zero emissions coal technology through in China; 2) Defining and designing a demonstration project; and 3) Construction and operation of a demonstration project.**

GeoCapacity

- **Being implemented.**
- **Chinese partner: Tsinghua University**
- **WP1: a region in China**
 - **Inventory of major carbon emission points**
 - **Storage potentials assessment**
 - **Mapping of sources and sinks (GIS, DSS)**
- **WP6: International cooperation and capacity building**

COACH (Cooperation Action within CCS China-EU)

- Newly proposed project and is being evaluated by EC.
- Totally 21 partners, among with 8 are Chinese partners including ACCA21(Administrative Center for China's Agenda 21)/MOST, Tsinghua University, and etc.



UK-China phase 1 cooperation

---China CCS assessment

- **Objectives**
 - **Develop knowledge & expertise in CCS**
 - **Assessment of CCS potential in China**
 - **Identify opportunities for demonstration & deployment in China**
 - **Review costs & economics of CCS in China**
 - **Options for financing R& D**
 - **Identify & prepare structure, instruments for phase 2/3**
- **Several bilateral meetings have been hold to discuss research scope and main themes, and to seek for potential Chinese partners.**
- **A workshop is planned in June to finalize research themes and to form a collaborative team.**