

## SUMMARY

CERC-ACTC Theme VI (Evaluation technology for CO<sub>2</sub> geological storage and utilization) workshop was held in Xi'an Sofitel Hotel, Shaanxi province, June 3, 2012. This workshop, co-undertaken by IRSM and SPIERCE, was proposed by Prof. Tim Carr, West Virginia University and Prof. Xiaochun Li, IRSM, Chinese Academy of Sciences. 20 participants including the project leaders and researchers from both sides attended this workshop. CERC director of China side Zhiming Liu, CERC-ACTC director of US side Prof. Gerald Fletcher, and director of international exchanges and cooperation of China Prof. Tianhua Wu were also invited to attend the workshop.

The aim of this workshop was to review the research advances and help to achieve the goals in the "10-point plan" built earlier this year at HUST with high quality, and to strengthen the substantive cooperation between both sides. In the morning, the four project leaders of Theme VI reported the recent advances respectively since January, 2012. In-depth discussions and comments were conducted following each report. In the afternoon, some specific issues which included target region selection, action schedule, person-to-person corporation, and data preparation and exchange template were deeply discussed. The workshop agreement is summarized as follow:

1. It is necessary to strengthen the management of the whole team to make the cooperation closer. What is more urgent currently is to build "person-to-person corporation". To implement this idea, it is advised that the action schedule developed by Prof. Xiaochun Li be filled by all the projects of Theme VI with full understanding of this table. Each project leader is required to speed up the fulfillment of this table before the end of July, 2012.
2. Data corporation approach according to confidentiality agreement.  
As the final objective of this cooperation is to mutually learn and improve the technology and ability in CO<sub>2</sub> storage siting and implementation design schemes for demonstration, what is important is not the data set itself but the technical elements we are interested in, or technical obstacles we are going to solve. This means that during the cooperation processes, the data set submitted to counterpart is not necessarily original one but the processed one for learning that satisfies the research need. Experience and technology learned or developed with these "for-learning data" can then be used to solve the respective problems defined by the original data.
3. Prof. Tim Carr presented a data template which can be a data preparation basis for both sides. It is advised that this template is to be enriched and some introductory words on the evaluation methodology be added by Prof. Tim Carr. These materials will then be e-mailed to the members in Theme 6 for review. A teleconference was advised to discuss the updated data template and the evaluation methodology. When an agreement is reached, the specific task assigning will be conducted using the action schedule.

4. It was advised that the basin scale suitability be first evaluated based on which target region will be screened and the site scale evaluation will be then conducted. For Erdos basin, it was advised and accepted that the target region be selected in the area located between Shenhua Erdos CCS project and Yanchang oil field.

(By Theme VI secretary: Bing Bai)