財團法人中技社 CTCI Foundation

Notes: The opinions below do not represent the view of CTCI Foundation as CTCI Foundation is merely providing a platform for discussions.

Suggestions to the Taiwan Government based on the Conference of「Development of Domestic Technology on Carbon Dioxide Capture and Storage」:

Being a non-profit foundation, CTCI Foundation works closely with domestic experts and professionals on research related to technologies on capture, storage and usage of fossil fuel emissions of carbon dioxide. On July 17th, 2006, CTCI Foundation cooperated with *Economic Daily News* and invited eight specialists from government, academic and research fields, to host conference on「Development of Domestic Carbon Dioxide Capture and Storage Technology」. Below is the summary from the conference with regards to the applicability of domestic technologies on CO_2 storage and capture and opportunities and directions on related technological development:

1. Government should establish an institute which is responsible for integration of energy and GHG matters

Capture and storage of carbon dioxide is becoming an important strategy for quantitative reduction in many developed countries. It is recommended that government establish an institute in charge of integrating energy and GHG matters, especially on carbon dioxide capture and storage. The institute should act as an exchange platform, providing reward for scholar, industrial research and investment, enhancing passing of legislature, and participating in international conferences.

2. Creation of joint research partnership

Government should encourage domestic energy corporations such as CPC Corporation, Taiwan Power Company, Ltd., China Steel to create joint research partnership on CO_2 capture and storage and actively participate in related activities of Carbon Sequestration Leadership Forum (CSLF).

3. Enhancement of industrial development related to carbon dioxide capture and storage.

It is important to enhance fundamental development such as material and equipment supplies for capture and technological researches on geological survey and storage, durable lumber on forest management.