

CSLF Capacity Building Workshop, May 7-11, 2007, Pittsburgh, USA T

CO₂ injection

CO₂ injection

Oil production

Methane

**PANEL
DISCUSSION**

Capacity Building Needs and Potential Ways to Meet these Needs in Emerging Economies

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INDIAN PARTICIPATION

- India has been one of the active member of CSLF and hosted the its one of the Annual Meeting in New Delhi in April 2006
- India has also signed Framework Protocol on FutureGen with USA
- We organized earlier this year an International Workshop on R&D challenges in CCS
- Indian CO₂ Sequestration Applied Research network has been started to disseminate the information on latest developments among various Stakeholders. A booklet on R&D Initiatives has been brought out.

WORKSHOP ON CCS CHALLENGES

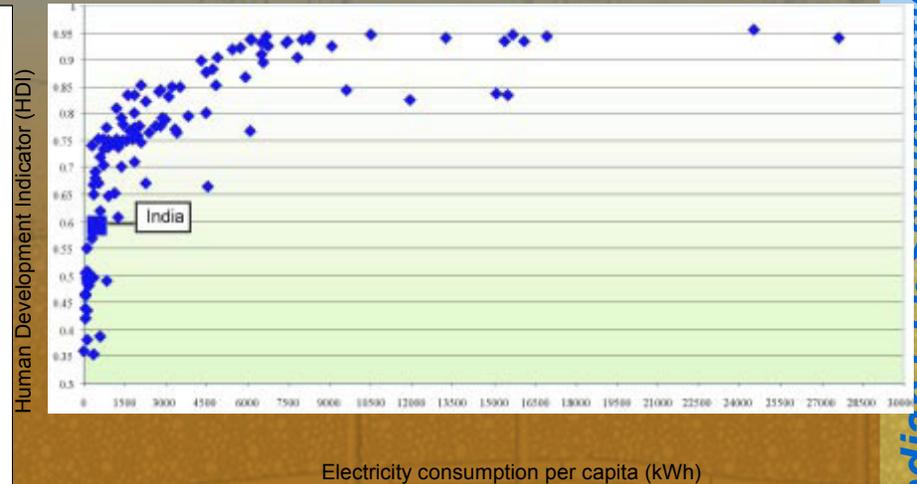
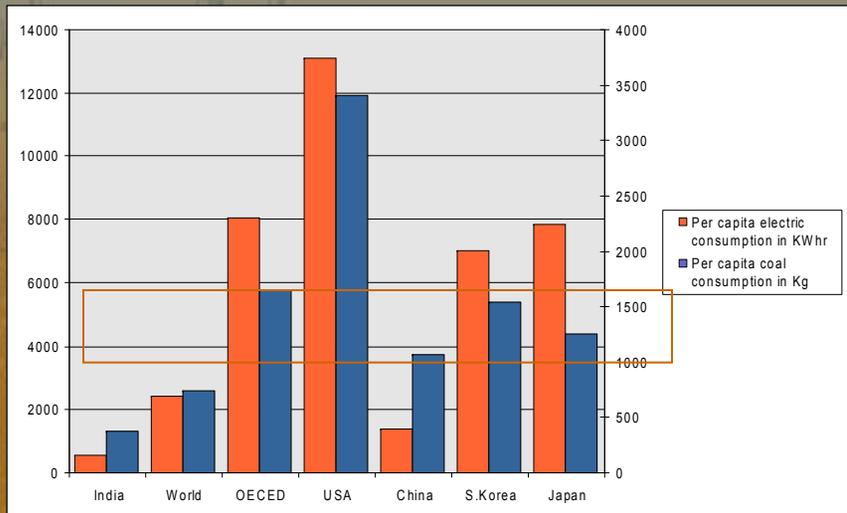
- **Topics Covered**
 - **CCS & Energy Security**
 - **Materials Research for Carbon Capture**
 - **Enhance Oil & CBM Recovery**
 - **CO₂ Injection and Monitoring Research**
 - **Pre-combustion and Near Zero Emission Energy Technology**
 - **International Initiatives, Programs and Collaborations**

NEEDS FOR CAPACITY BUILDING

- Human Resource Development
- Organizational Development
- Institutional and other Legal Framework Development

INDIA'S ENERGY

- India has set a goal of Sustained Energy Growth at 8-9 %
- Coal is dominant primary energy resource having a share of 60 % and will continue to have significant share up to 2030
- Per capita energy consumption and per capita CO₂ emission is quite low



HDI for India 0.595 and Electricity consumption per capita 553 kWh.
 Source: United Nations Development Programme (UNDP-2004) and IEA (2004)

POTENTIAL NEEDS FOR CAPACITY BUILDING IN ORGANIZATIONS

