



**Australian Government**

**Department of Industry  
Tourism and Resources**

**Australian Summary**  
**CCS Related Activities**

**CSLF Joint Policy & Technical Group Meeting  
Berlin, Germany 26-30 September 2005**

**Mr John Ryan**

**Deputy Secretary**

**Department of Industry, Tourism and Resources – Australia**



# CCS Technical Work in Australia

## **CCSD (*Black coal focus*)**

- > Techno-economic modelling
- > Oxy-fired pf & gasification feasibility studies

## **CO2CRC (*Capture & storage focus*)**

- > CO<sub>2</sub> removal from pre/post combustion & natural gas
- > Comprehensive geological storage projects
- > Pilot project at advanced planning

## **CPLCRC (*Brown coal focus*)**

- > GHG reduction primarily coal drying
- > Vic Govt. commitment to future brown coal R&D beyond 2006

## **CSIRO (*Energy future focus*)**

- > Scenario development & modelling
- > Fundamental & applied research in gasification
- > Developing proposal for post-combustion

## **CLET (*clean gasification focus*)**

- > Gas cleaning, conditioning, separation
- > Socio-economic integration

## **UQ (*gas separation focus*)**

- > New membranes for gas separation
- > Coal Bed Methane



# Proposed CCS Project Locations





# CCS Policy Issues in Australia

## Policy Support

- > Australia's Energy Policy
- > Low Emissions Technology Demonstration Fund

## MCMPR (*Commonwealth & States*)

- > Regulatory guiding principles
- > Proposed changes to legislation

## Project Specific - Legislation

- > Proposed projects – require legislative certainty by mid 2006
- > Cooperative approach to ensure National Consistency

## Consultation with Stakeholders

- > CCS Stakeholder Group est. Dec 2004
- > Research, industry & conservation groups' input required

## Coal 21

- > Government & Industry Partnership
- > Coal 21 Conference
- > Review of R&D

## International Cooperation

- > CSLF
- > IEA
- > APEC
- > London Convention WG on CCS
- > Bilateral Work – Japan & China
- > New Asia Pacific Partnership