

## Meeting the CCS challenge at All-Energy conference

Ways to move carbon capture and storage (CCS) from demonstration to commercial viability will be discussed at this year's All-Energy Australia International Conference, opening in Melbourne today.

Speaking at 2pm at the conference, Dr Richard Aldous, recently appointed CEO of the Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC), will set out the scale of Australia's emission reduction challenge and the roles required for technology developers, industry and governments in meeting that challenge.

"Australia will need to store more than 100 million tonnes per year of carbon dioxide (CO<sub>2</sub>) by 2050 from gas power generation, LNG production and coal fired generation," Dr Aldous said.

"This could increase substantially if Australia captures CO<sub>2</sub> from industrial use and the production of low emission fuels such as hydrogen. Australia's storage capacity can easily manage this, but early exploration is required to find and define the lowest cost storage sites, closest to sources."

Dr Aldous will set out the three windows of opportunity facing Australia to 2050, and the support needed from industry, government and technology developers to reduce Australia's emissions at the lowest possible cost.

"The need for urgent action on climate change must transcend policy ideologies on renewable technologies versus low emission fossil fuel technologies," he said. "Every option in the toolbox will be needed to reach Australia's emission reduction goals."

**What:** The All-Energy Australia International Conference 2011; Stream 1, Session 2: Carbon Capture and Storage: Demonstration to Commercialisation

**When:** Day 1, Wednesday 12 October, 2.00pm

**Where:** Melbourne Convention & Exhibition Centre

**Visit:** CO2CRC in the conference exhibition at Stand E160, with PowerWorks, Clean Coal Victoria, Latrobe City Council and Environmental Clean Technologies.

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