



## CSLF PIRT Meeting

# Update on upcoming CSLF Events: CCS Week in Perth, Western Australia

Bergen, Norway

11-14 June 2012

**Agenda 5**



# 2011 CSLF Meeting: Perth

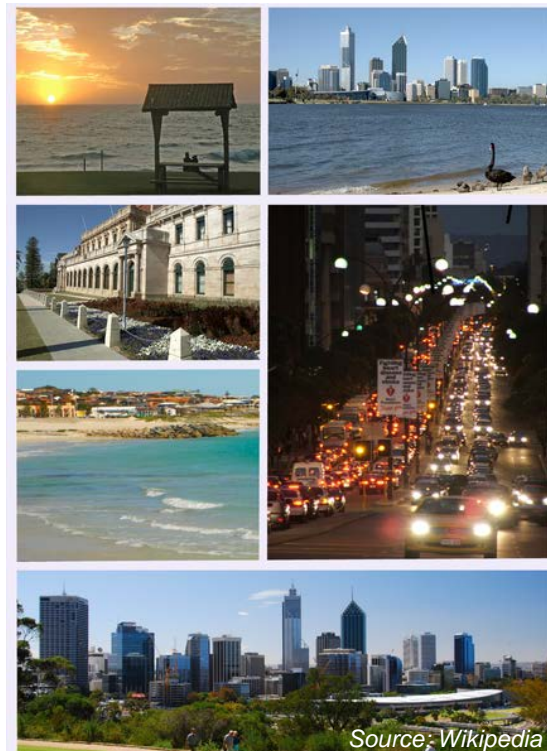
## 2012 CSLF Annual Meeting

- Perth, Australia
- October 22-26, 2012
- Weather: 11-20° C

## National CCS Week

- 21-26 Oct, Perth
- *Advancing CCS: Progress and Achievements*

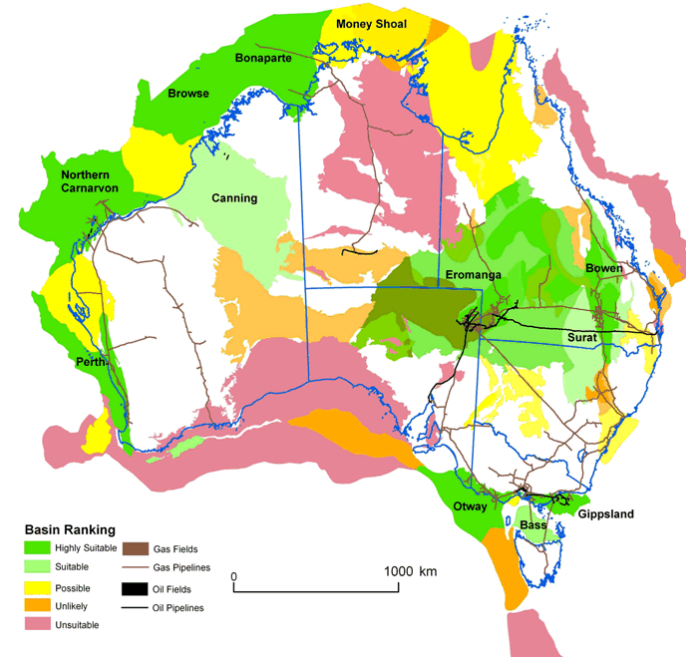
<http://www.nationalccs.com.au/>





# South West Hub project

- GeoDisc Program (1998)
- CO2CRC Study finds Harvey Ridge CCS Potential (2007)
- Carbon Storage Taskforce recommends Perth Basin (2010)
- Flagship funding (2011)
- Seismic survey (2011)
- First stratigraphic well (2012)
  - Harvey-1 well completed



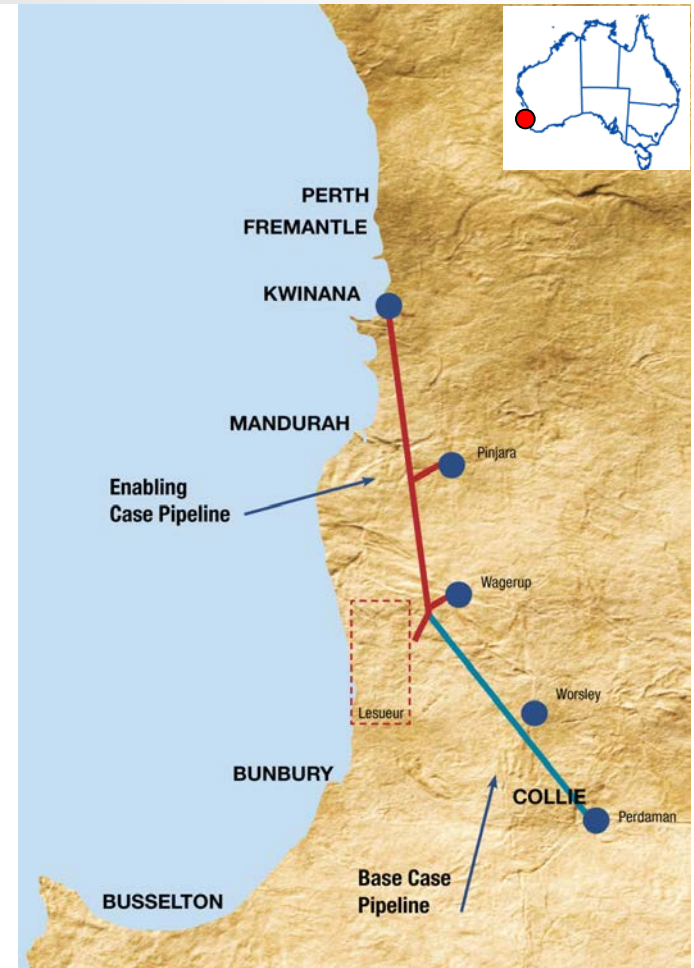


# South West Hub project

## South West Hub project

- First Project of \$1.68 billion CCS Flagships Program
  - Initial Commonwealth funding of \$52M up to \$333M
  - Phase 1: completion of storage viability study
- Integrated industrial CO<sub>2</sub> sequestration system – incl 300,000 tpa- red mud seq (ALCOA).
- Capture type: Pre-Combustion
- Transport type: 51 – 100 km Onshore to onshore pipeline
- Storage Target: Lesueur Sandstone
  - Goal: Max Inj. rate 10 Mtpa & 260Mt over 40yrs
- Total capital cost \$1 billion

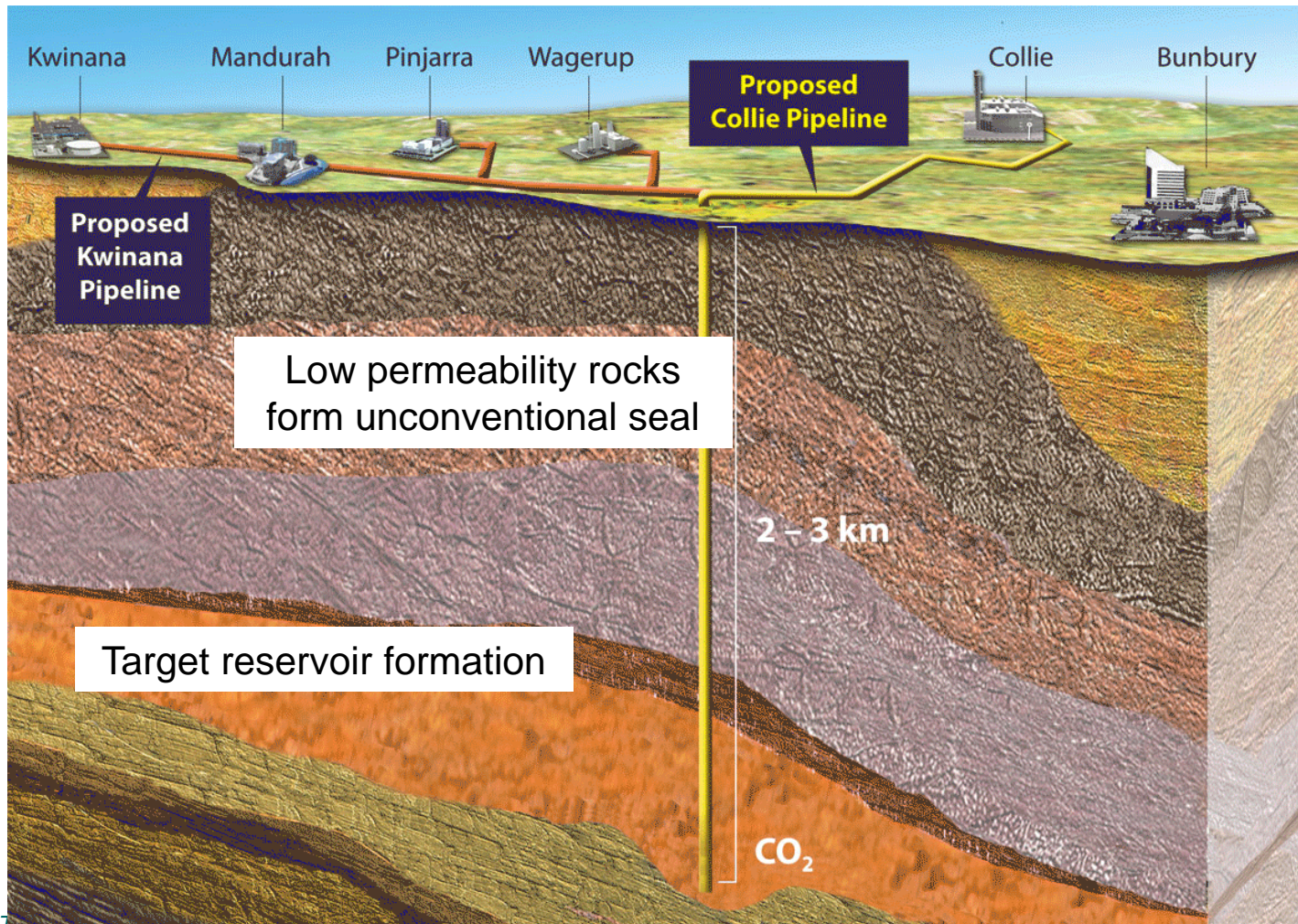
CSLF Technical Group Meeting, 11-14 June, 2012, Bergen, Norway







# South West Hub project







# South West Hub project

## Harvey -1 Exploration well

- Drilled during February and March 2012 to a total depth of 2945m.
- Target Lesueur Formation (Triassic) extensively cored.
- Drilling identified several thick shale bands within the target formation to act as conventional seals to the underlying reservoir
- Initial core tests indicate that the reservoir has promising storage potential

<http://www.slideshare.net/globalccs/collie-hub-presentation-global-ccs-institute-members-meeting-rotterdam-may-2011> Reservoir Section

