



Australian Government

Geoscience Australia

WELCOME
Introducing Geoscience Australia

Dr Clinton Foster
Chief, Petroleum & Marine Division

Who are we?

- Geoscience Australia is an agency within the Australian Government Department of Resources, Energy and Tourism
- We assist Government and the community to make informed decisions about:
 - the discovery and development of mineral and energy resources;
 - management of the environment;
 - community safety
 - and protection of critical infrastructure

~ 700 staff, budget \$ A 168 million

Geoscience Australia within Government

Minister of Resources and Energy

Minister for Tourism

The Hon. Martin Ferguson AM MP

Department of Resources, Energy and Tourism

Secretary: Mr John Pierce

Policy Development

Petroleum and Greenhouse Gas Storage Act 2006

GHG and Petroleum Acreage release

Asia Pacific Partnership

Geoscience Australia

Acting CEO Dr Chris Pigram

Technical Advice

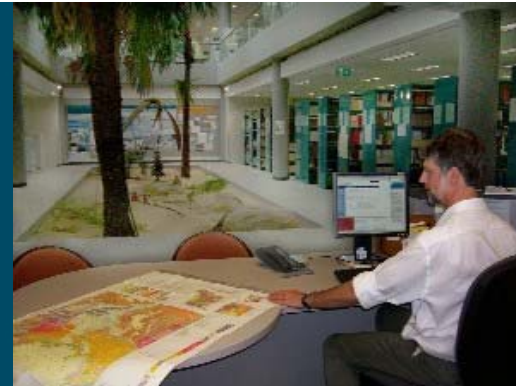
Petroleum and Greenhouse Gas Storage Act 2006

GHG and Petroleum Acreage release

Asia Pacific Partnership – CAGS



Building and facilities



GA Data Repository



- Exploration data acquired under the OPGGS Act is required to be submitted to government. Includes cores, cuttings, reports, seismic, well logs
- After 5 years these data become publicly available
- Geoscience Australia is a custodian of all data collected from offshore exploration.

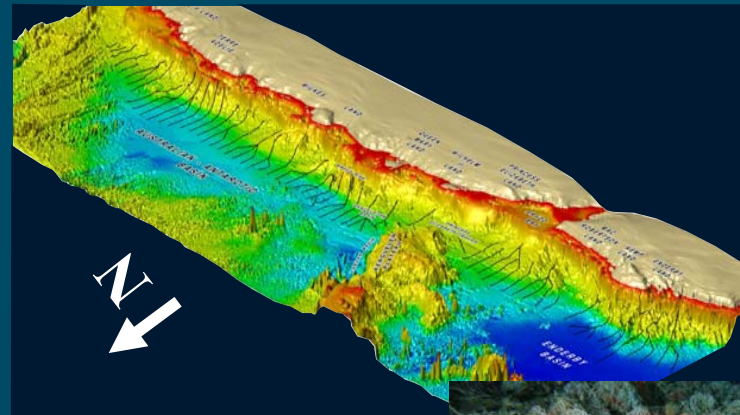
Organisational Structure



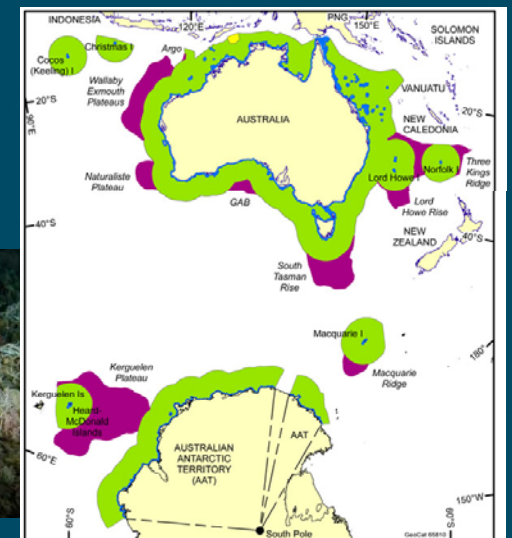
Petroleum & Marine Division



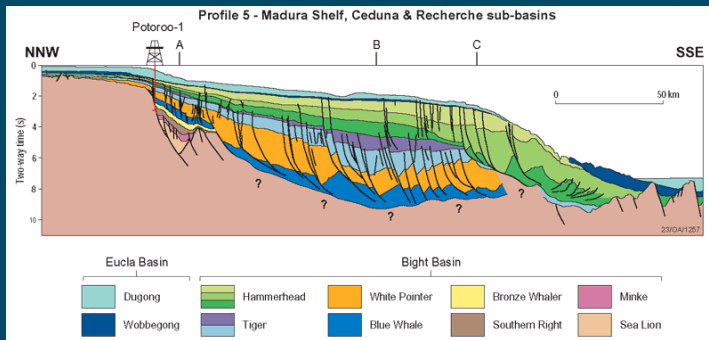
National core and data repository



Marine
New seismic acquisition and Studies to promote exploration



AUSTRALIA'S CONTINENTAL SHELF CONFIRMED BY THE COMMISSION ON THE LIMITS OF THE CONTINENTAL SHELF



Geological storage of greenhouse gases

Law of the Sea & Australia's Maritime Boundaries

And More!

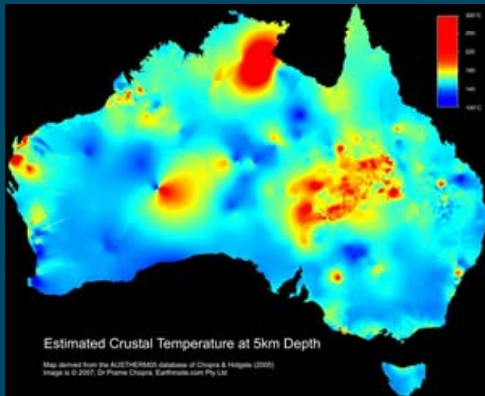
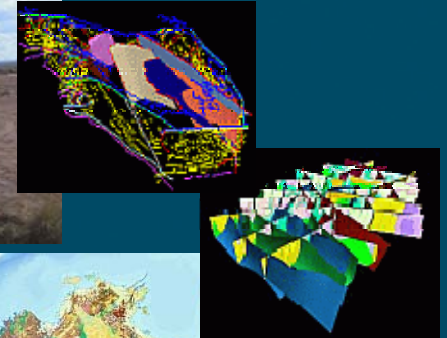
Onshore Energy and Minerals Division



Onshore Seismic Acquisition



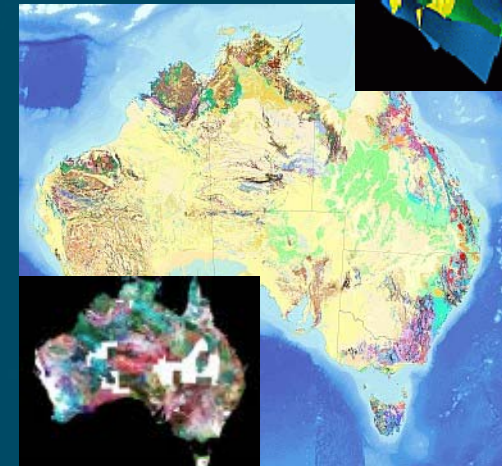
Advice on Mineral Exploration



Geothermal Energy



Onshore Petroleum



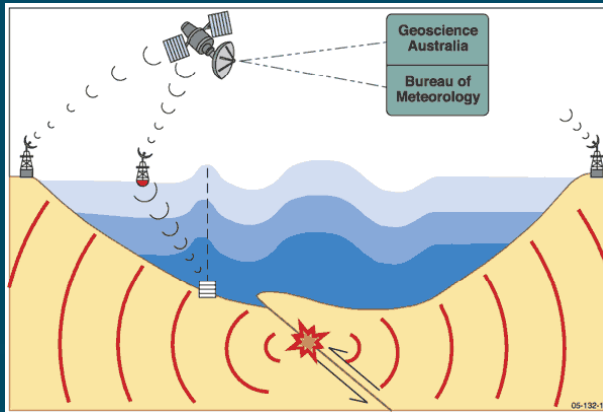
And More!

Geospatial & Earth Monitoring Division

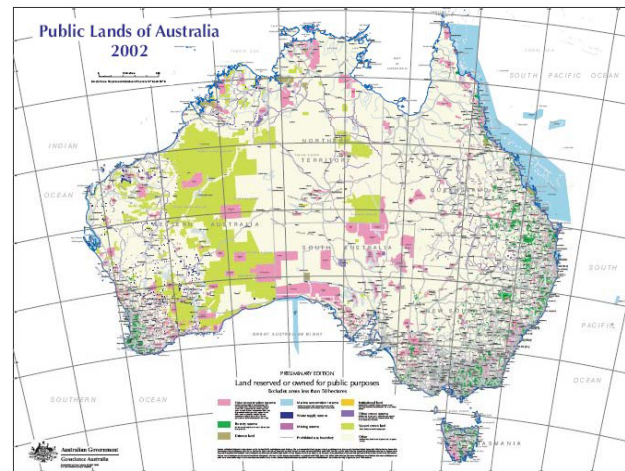


Risk and Impact
Analysis

Natural Hazards
Research and
Monitoring



Australian Tsunami
Warning System



National Mapping



Geodesy & GPS

And More!

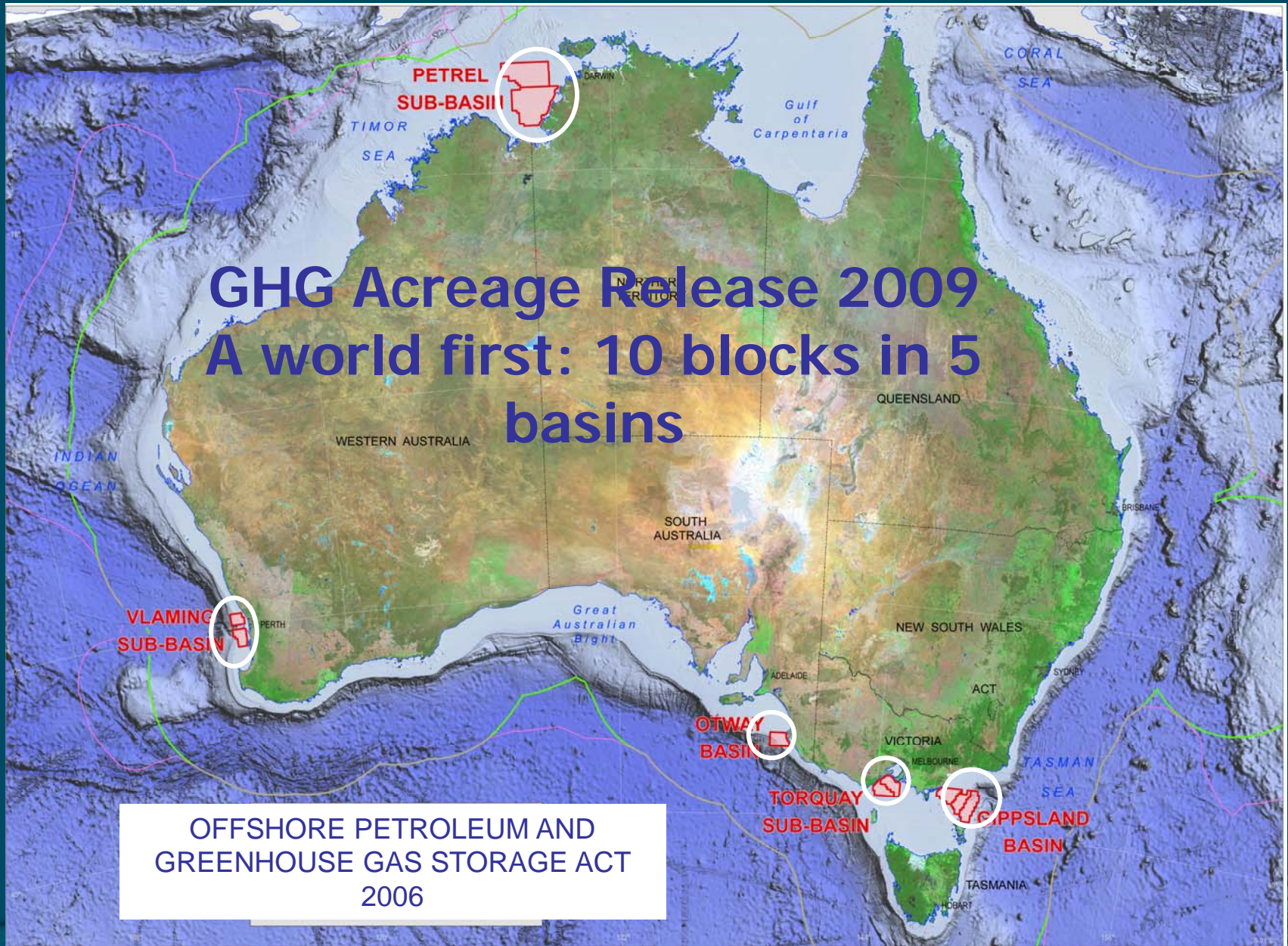
Geoscience Australia – *studies in geological storage of carbon dioxide*

- Current funding \$10 million over 4 years, 2007 to 2011
- research and advice on suitable offshore acreage for release for CO₂ storage exploration licenses under the new legislation.
- knowledge of Australia's storage potential and developing expertise and methodology to provide advice on projects



GHG Acreage Release 2009

A world first: 10 blocks in 5 basins



OFFSHORE PETROLEUM AND
GREENHOUSE GAS STORAGE ACT
2006

Current CCS program at GA

- Regional storage studies
- Monitoring studies
- National and international collaboration



Collaboration

geological storage, monitoring and verification

rapid deployment of CCS



Australian Government
Geoscience Australia



State governments



Welcome