

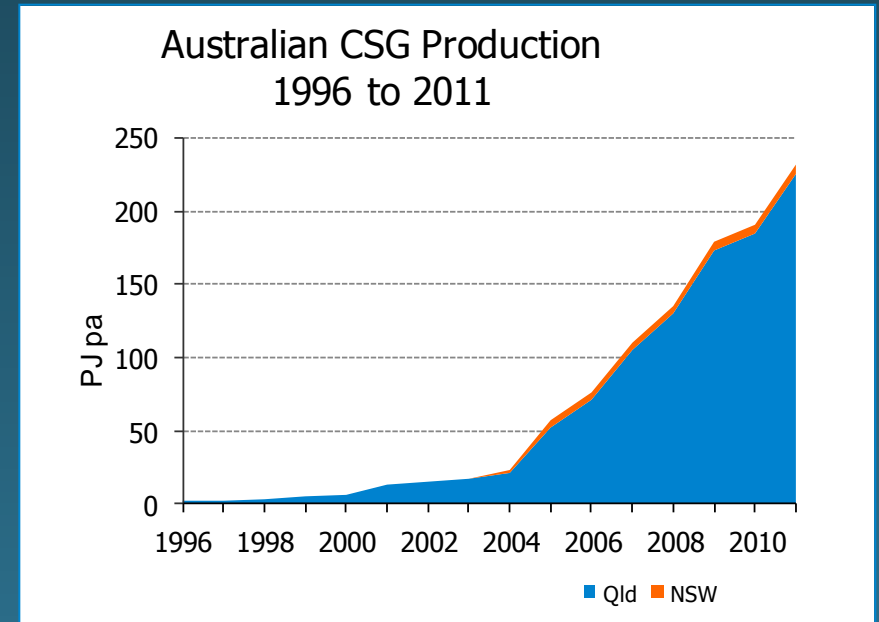
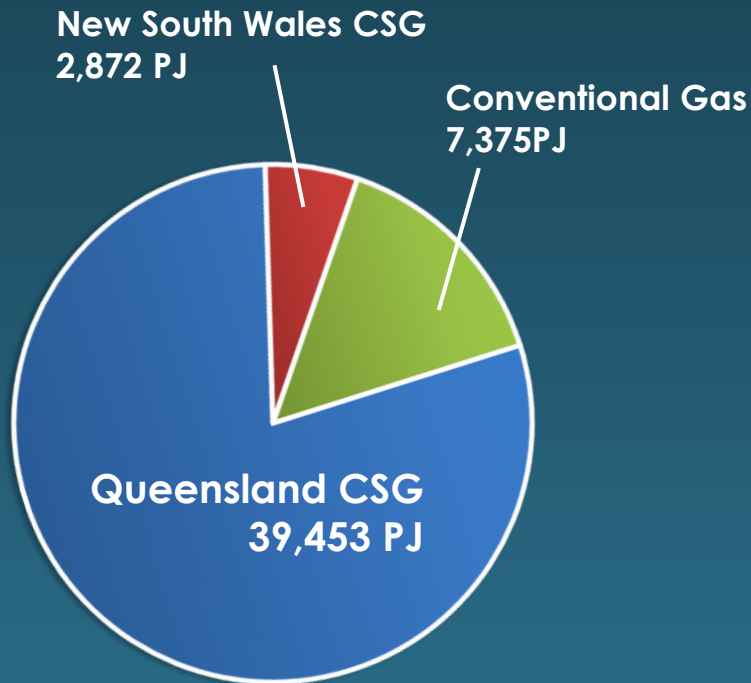
Natural gas from coal



Australian Institute of Energy

Australia's abundant reserves

CSG is the fastest growing source of energy in Eastern Australia



East Australia 2P reserves = 49,655 PJ

Source: EnergyQuest, February 2012

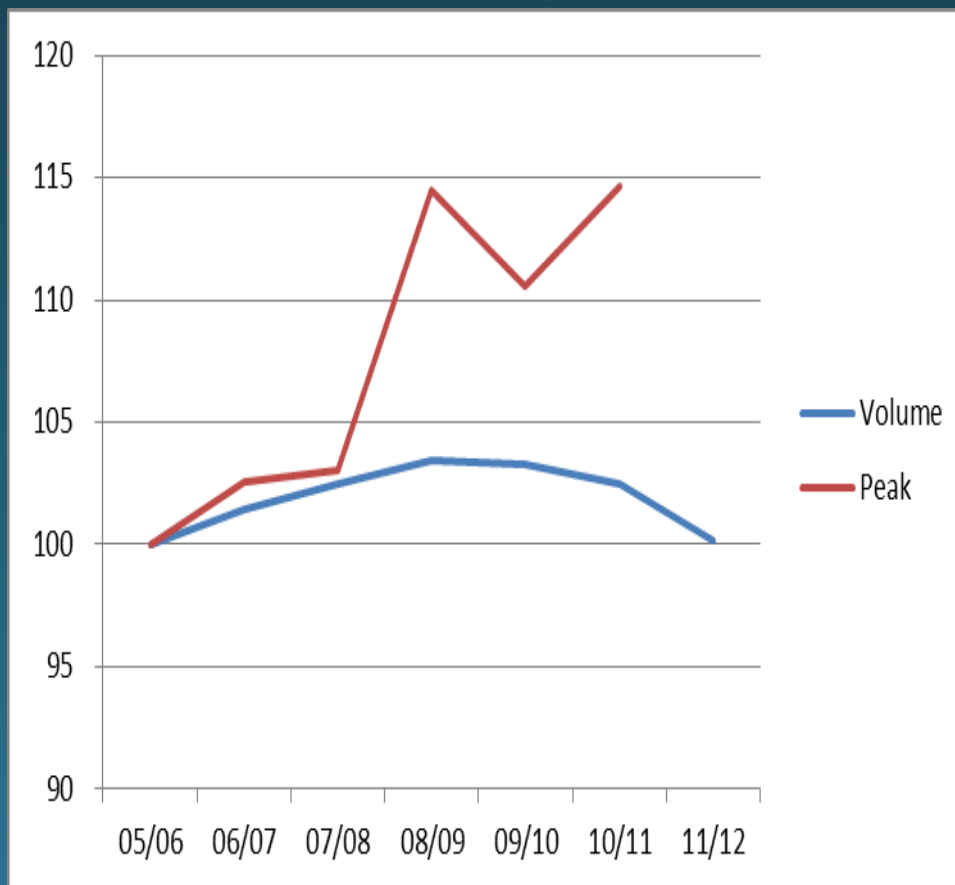
Gas is an essential energy component

Gas generation is a key part of energy security

- ≈ fast peaking response
- ≈ low carbon emission
- ≈ backs up renewables
- ≈ supports transmission infrastructure constraints

...if not gas then what?

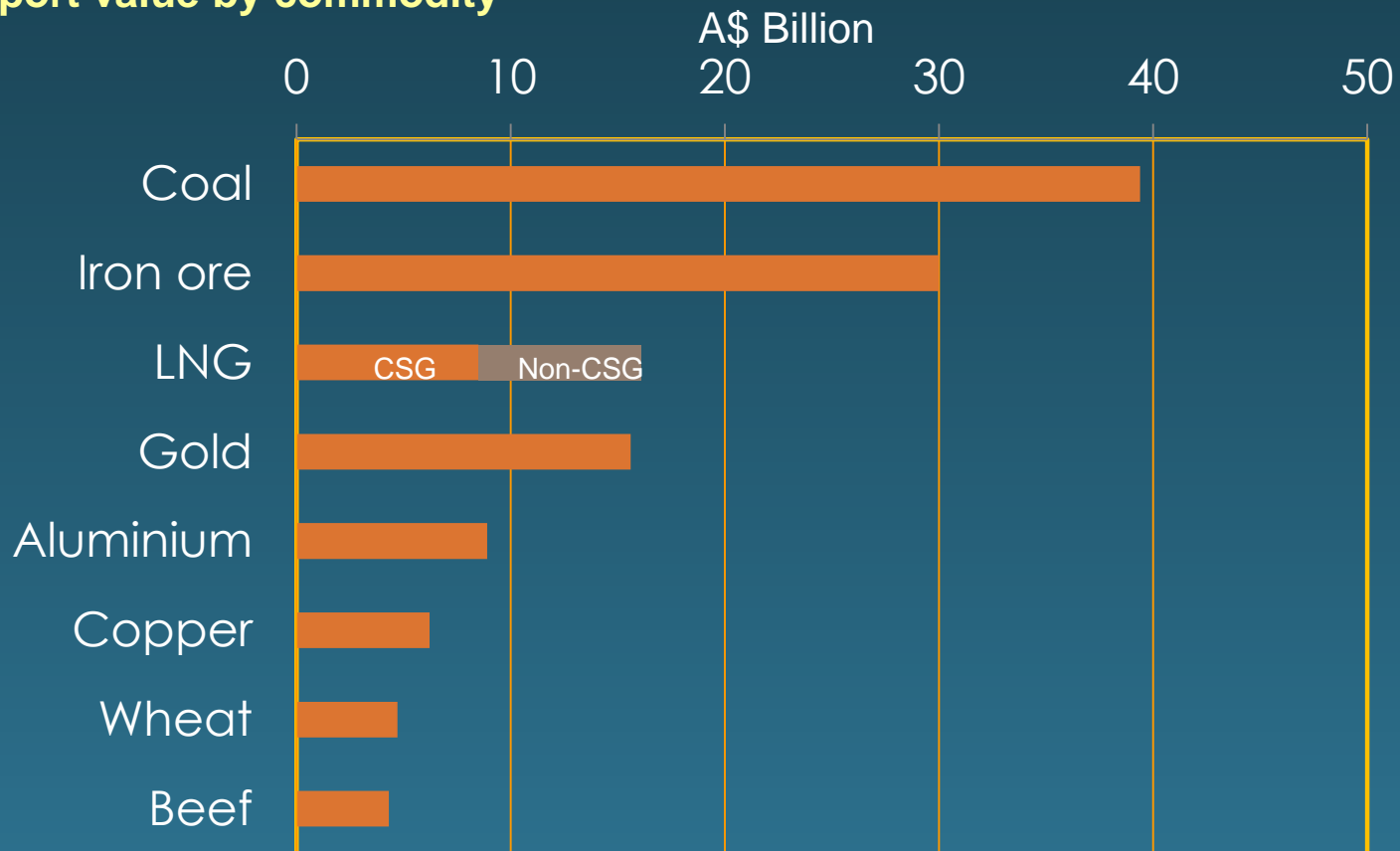
Indexed Actual Electricity Volume and Peak



Source: AEMO Elec SOO Update 6 March 2011

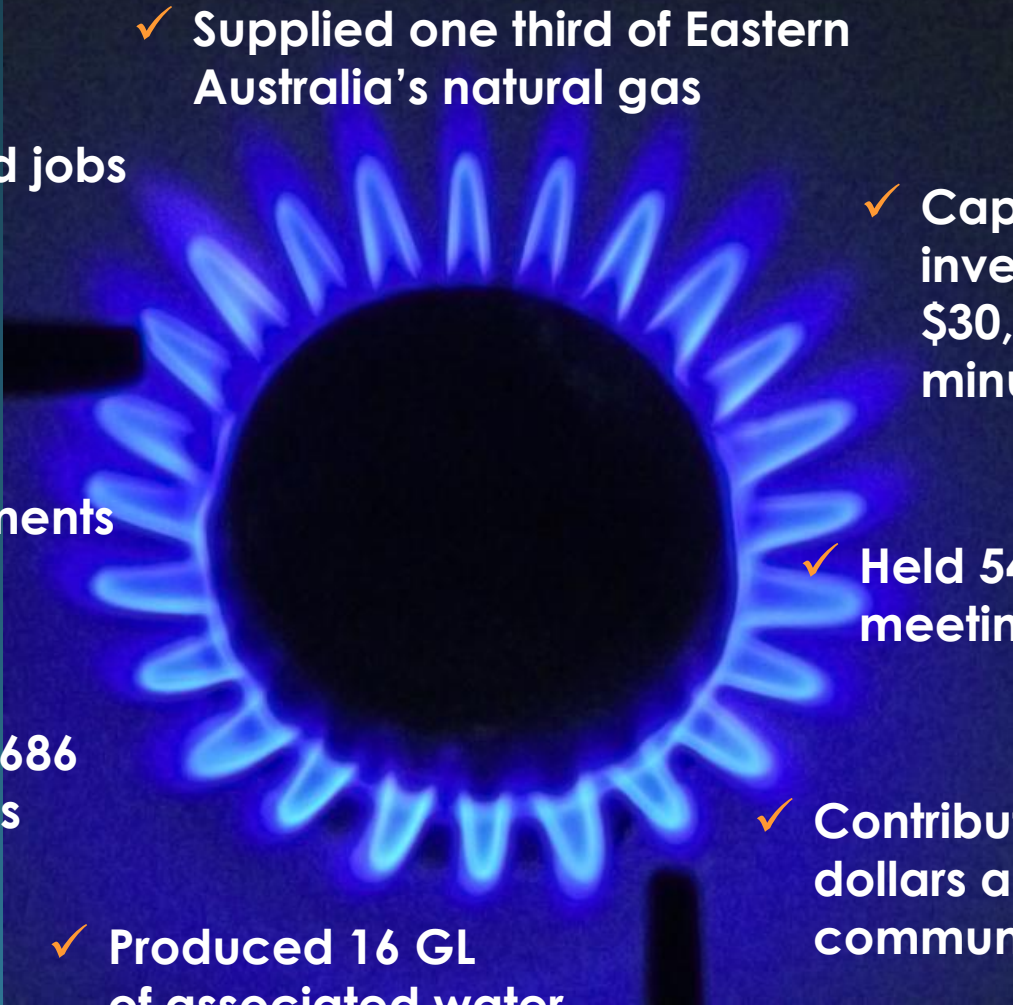
CSG forecast to be a high growth major export

Export value by commodity



Sources: ABS trade data 2009 on DFAT STARS database and ABS catalogue 5368.0 including ores and concentrates; and Qld Gov CSG estimates

2011 – CSG year in review

- 
- ✓ Supplied one third of Eastern Australia's natural gas
 - ✓ Increased jobs to 12,113 (13/day)
 - ✓ Capital investment at \$30,000+ per minute
 - ✓ Added 4 new access agreements each day
 - ✓ Held 543 community meetings
 - ✓ Monitored 686 water bores
 - ✓ Contributed a million dollars a week to local communities
 - ✓ Produced 16 GL of associated water



Our Photo Album



CSG and the Land

CSG Then



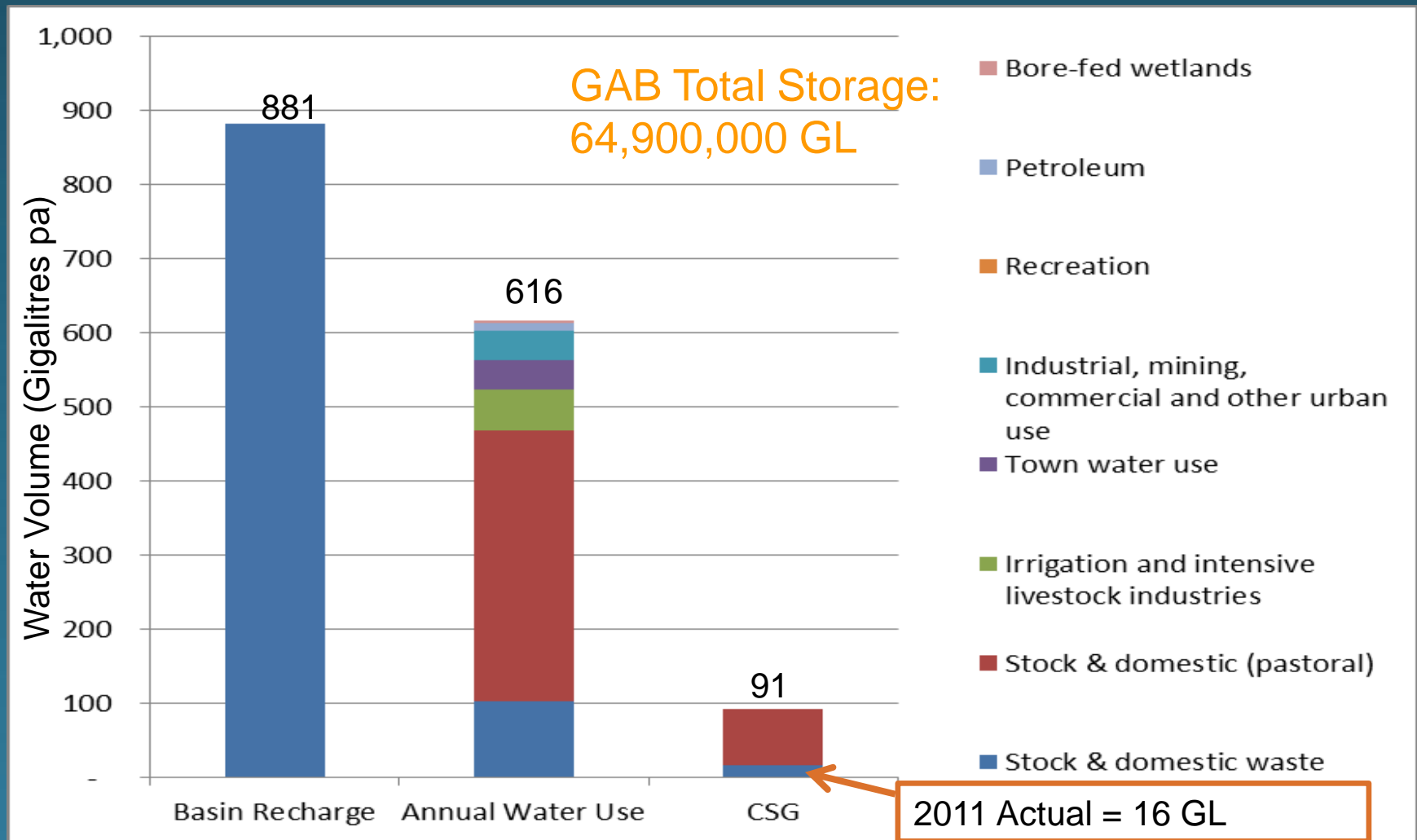
Lauren field in the Surat Basin was developed the way it was, during the drought years, in a manner that fitted both the landholder and the CSG company at the time.

CSG Now



The Berwyndale field in the Surat Basin has been developed more recently, and demonstrates how CSG proponents work closely with landholders to optimise the layout of infrastructure to minimise the impact on their farm productivity.

Water Utilisation: The Great Artesian Basin



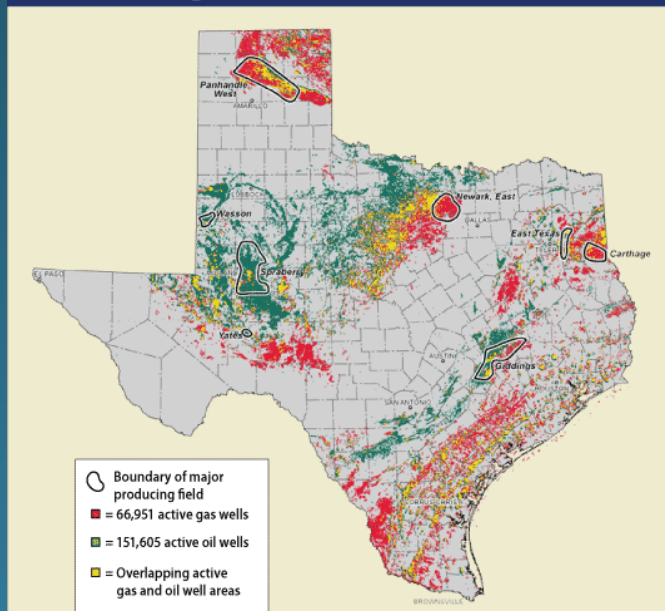
Source: GAB Coordinating Committee (2010) <http://www.gabcc.org.au> ; CSG industry 30 yr ave

A Case Study: Wells and Agriculture

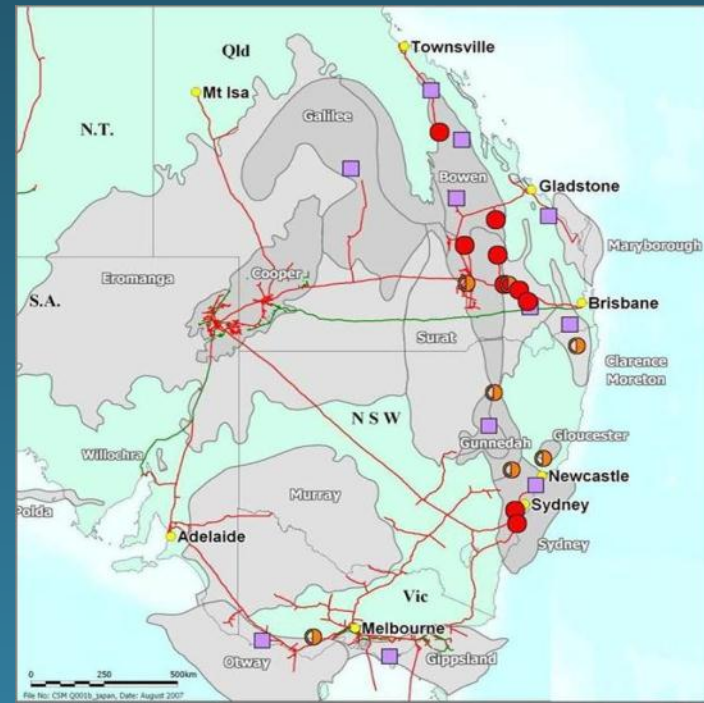
		Qld	NSW	Texas
Area	('000 sq Km)	1,731	802	696
Gross Farm Product*	(\$Bn)	9.1	8.3	9.7
Petroleum Wells		7,000	249	218,556

*Source: ABS 1367.0 State and Terr Stat Indicators for 2009/10; 2009 Texas Agriculture Statistics, USDA

Oil and Gas Map of Texas



Source: University of Texas at Austin.



Social Issues

Major projects which impact our communities will raise issues

- ≈ Land access and rights
- ≈ Water utilisation
- ≈ Environmental responsibility
- ≈ Social and community infrastructure
- ≈ Economic benefit



Natural Gas from Coal

- ≡ Fast growing source of energy
- ≡ Essential and established part of the energy equation
- ≡ Expected to be a major export earner
- ≡ Brings diversity to regional economies
- ≡ Positive environmental impact
- ≡ Community shares the benefits

