

## Appendix 6 Departmental briefings

Date	Presenters	Description
<b>DARWIN, NT</b>		
8 December 2016	<b>NT Department of Primary Industry and Resources</b> Mr Alister Trier, Chief Executive Officer Mr Ian Scrimgeour, Director, Northern Territory Geological Survey	Presentation on Northern Territory gas resources, basins and energy demand.
<b>ADELAIDE, SA</b>		
	<b>Nuclear Fuel Cycle Royal Commission Consultation and Response Agency</b> Ms Madeline Richardson, Chief Executive Mr John Phalen, Director, Engagement <b>Department of State Development</b> <b>South Australian Government</b> Mr Barry Goldstein, Executive Director, Energy Resources Division Mr Michael Malavazos, Director, Engineering Operations, Energy Resources Division	Overview of the South Australian Nuclear Fuel Cycle Royal Commission Consultation and Response Agency.
<b>DARWIN, NT</b>		
8 February 2017	<b>NT Department of Environment and Natural Resources</b> Mr Des Yin Foo, Director, Water Assessment	Presentation on water, focussing on climate change and major aquifers in the Northern Territory.
	<b>Department of the Environment and Energy</b> <b>Australian Government</b> Mr Anthony Swirepik, Director, Bioregional Assessments, Office of Water Science	Presentation on bioregional assessments.
	<b>Department of Natural Resources and Mines</b> <b>Queensland Government</b> Mr Bill Date, Chief Inspector, Petroleum and Gas Inspectorate Mr Ian Heiner, A/Executive Director, Coal Seam Gas Compliance Unit	Presentation on the Queensland experience with unconventional gas, focussing on land access issues and the Gasfields Commission.
<b>DARWIN, NT</b>		
9 February 2017	<b>NT Department of Primary Industry and Resources</b> Mr Jop van Hattum, Senior Director, Petroleum Technology and Operations	Presentation on technical overview of hydraulic fracturing for shale gas.
	<b>NT Department of the Chief Minister</b> Ms Jodie Ryan, Chief Executive Officer	Presentation on the economy of the Northern Territory.
<b>DARWIN, NT</b>		
11 March 2017	<b>NT Department of Primary Industry and Resources</b> Mr Jop van Hattum, Senior Director, Petroleum Technology and Operations	Presentation on the Petroleum Act and the Petroleum Environment Regulations.
<b>BRISBANE, QUEENSLAND</b>		
17 July 2017	<b>Queensland Gasfields Commission</b> Ms Ruth Wade, Commission Chair Ms Carolyn Collins, General Manager Mr Liam Jeory, Policy and Engagement Director Mr Murray Cornish, Communications Director	Presentation on the Commission's powers and functions.
	Gas Industry Social and Environmental Research Alliance ( <b>GISERA</b> ) and Commonwealth Scientific and Industrial Research Organisation ( <b>CSIRO</b> ) Dr Damian Barrett, Research Director, Onshore Gas (Energy Business Unit) Mr Dan O'Sullivan, Deputy Director Dr Andrea Walton, Research Scientists (Social Science), CSIRO Dr Rod McCrea, Research Scientists (Social Science), CSIRO	Presentations on community wellbeing and resilience.

Date	Presenters	Description
<b>CANBERRA, AUSTRALIAN CAPITAL TERRITORY</b>		
18 July 2017	<b>CSIRO/GISERA</b> Dr Damian Barrett, Research Director, Onshore Gas (Energy Business Unit)	Presentation on the Beetaloo Basin Water Study quantifying baseline characteristics of groundwater within the Beetaloo Sub-basin.
	<b>NT Department of Environment and Natural Resources</b> Ms Karen Avery, Executive Director, Environment Policy and Support	Presentation on the Northern Territory environmental reform agenda.
<b>CANBERRA, AUSTRALIAN CAPITAL TERRITORY</b>		
19 July 2017	<b>Department of Industry, Innovation and Science Australian Government</b> Mr Bruce McCleary, General Manager, National Radioactive Waste Management Taskforce Mr Angus Cole, Manager, Community Consultation, National Radioactive Management Taskforce	Presentation on the Radioactive Waste Management Project community consultation and engagement.
	<b>Department of the Environment and Energy Australian Government</b> Mr John Higgins, Director, Knowledge and Technology Division Mr Matthew Whitfort, Assistant Secretary, Knowledge and Technology Division Mr Andrew McNee, Assistant Secretary, Environment Standards Division	Presentation on human health risks, environmental exposure conceptualisation and environmental risks of chemicals used in coal seam gas extraction.
	<b>Department of the Environment and Energy Australian Government</b> Mr Anthony Swirepik, Director, Knowledge and Technology Division Mr Matthew Whitfort, Assistant Secretary, Knowledge and Technology Division	Presentation on combined geological and bioregional resource assessments.
	<b>Department of the Environment and Energy Australian Government</b> Ms Gayle Milnes, Assistant Secretary, Domestic Emissions Reduction Division Mr Rob Sturgiss, Assistant Secretary, International Climate Change and Energy Innovation Division	Presentation on Australia's current emissions data, its emissions reductions target and whether the supply of high-quality gas to the east coast could assist in meeting this target.
	<b>Department of the Environment and Energy Australian Government</b> Mr Brenton Philp, Assistant Secretary, Energy Division Mr Dwayne Purdy, Director, Energy Division	Presentation on the National Energy Policy, including energy security issues, the role of gas and the National Electricity Market, the Northern Gas Pipeline and future opportunities.
<b>BRISBANE, QUEENSLAND</b>		
24 July 2017	<b>Department of Natural Resources and Mines Queensland Government</b> Mr Warwick Squire, Acting Executive Director, Coal Seam Gas Compliance Unit, Mineral and Energy Resources Mr Lyall Hinrichsen, Acting Executive Director, Resources and Energy Policy Mr David Rynne, Chief Economist Mr David Wiskar, Executive Director, Water Policy Mr Keith Phillipson, Director, Office of Groundwater Management Mr Jon Thomas, Manager, Petroleum Assessment Hub Dr Steven Ward, Acting Manager, Coal Seam Gas Compliance Unit Mr Peter Lee, Executive Petroleum Inspector, Petroleum and Gas Inspectorate Mr Hamish Butler, Director, Petroleum and Gas Unit <b>Department of Environment and Heritage Protection Queensland Government</b> Mr Mark Venz, Executive Director, Petroleum, Gas and Compliance	<p>Presentation on recent gas exploration and infrastructure development and its economic contribution to the State.</p> <p>Information was provided on gas sector policy and the legislative framework, particularly with regard to petroleum and gas tenure, land access, water policy and planning and groundwater impact assessment.</p> <p>Presentation by the Department of Environment and Heritage Protection, which administers the <i>Environmental Protection Act 1994</i> (Qld) on environmental policy, regulation, compliance and enforcement in Queensland.</p>

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<b>BRISBANE, QUEENSLAND</b>		
28 July 2017	<p><b>CSIRO/GISERA</b>            Dr Damian Barrett, Research Director, Onshore Gas (Energy Business Unit)            Mr Dan O'Sullivan, Deputy Director, GISERA            Dr Neil Huth, Lead Researcher, Agriculture and Food, CSIRO            Dr Sarah Lawson, Senior Research Scientist, Reactive Gases Team Leader, Oceans and Atmosphere, CSIRO            Dr Melita Keywood, Research Scientist, Oceans and Atmosphere, CSIRO            Dr Cameron Huddleston-Holmes, Senior Research Scientist, Energy, CSIRO            Mr James Kear, Research Team Leader, Hydraulic Fracturing, CSIRO</p>	<p>Presentations on scientific research in respect of communities living in gas development regions. Topics included groundwater and surface water management, biodiversity, land management and socioeconomic impacts. Technical presentations were provided on hydraulic fracturing technologies and well decommissioning.</p>
	<p><b>Department of Natural Resources and Mines Queensland Government</b>            Dr Sanjeev Pandey, Acting General Manager, Office of Groundwater Impact Assessment</p>	<p>Presentation on the role of the Office of Groundwater Impact Assessment.</p>
<b>ADELAIDE, SA</b>		
7 September 2017	<p><b>Department of State Development South Australian Government</b>            Barry Goldstein, Executive Director, Energy Resources Division  <b>Department of the Premier and Cabinet South Australian Government</b>            Michael Malavazos, Director, Engineering Operations, Energy Resources Division</p>	<p>Overview of South Australia's approach to best practice for upstream petroleum industry regulation with regard to the <i>Petroleum and Geothermal Energy Act 2000</i> (SA).</p> <p>The approach to monitoring compliance of regulated activities and surveillance classifications were discussed.</p>
<b>VICTORIA, CANADA</b>		
22 December 2017	<p><b>BC Oil and Gas Commission</b>            Ken Paulson, Executive Vice President, Chief Operating Officer            Graham Currie, Executive Director, Public and Corporate Relations            Sean Curry, Executive Director, Resource Development and Environment</p>	<p>An overview of various aspects of the regulation of onshore shale gas activities in their jurisdiction, and the structure and functioning of the Commission.</p>
<b>CONFERENCE CALL</b>		
23 February 2018	<p><b>Newfoundland &amp; Labrador Hydraulic Fracturing Review Panel</b>            Professor Ray Gosine            Chair</p>	<p>Discussion about the content and process of the Newfoundland &amp; Labrador Review, including the timing of the implementation of the recommendations.</p>