Future of Natural Gas Resources and LNG Markets

Rick Wilkinson
Chief Technical Officer

October 2016
Australia, Russia and USA and building material new LNG capacities to export gas

Liquefaction Capacity by Country in 2014 and 2020

Note: Liquefaction capacity only takes into account existing and under construction projects expected online by 2020

Source: IGU World LNG Report 2015
CBM and LNG has had a major impact on the Australian domestic gas market

Eastern Australia total annual gas consumption (PJ pa)

Western Australia – Carnarvon Basin
Queensland Gas Fields

Source: Australian Govt Dept of Industry Geoscience Australia: Australian Energy Resource Assessment 2014; LNG World News image
LNG has many competitors including pipelines which move two thirds of global traded gas...

...before considering coal, nuclear or renewables

Source: BP Statistical Review of World Energy June 2016
To be competitive, LNG needs to build commercial and physical capacity to trade short term and optimise value

Non Long-Term Volumes, 1995-2014

Re-Exports by Country, 2005 - 2014

Source: IGU World LNG Report 2015