# Australia Pacific LNG Project
# Upstream - Phase 1

**Rebecca Pickering, Manager - Land, Environment & Stakeholder, Origin**

**Engineers Australia: SSEE Coal Seam Gas - An objective evaluation without fear or favour, June 2011**

Together we can
make a difference.™

# About Origin

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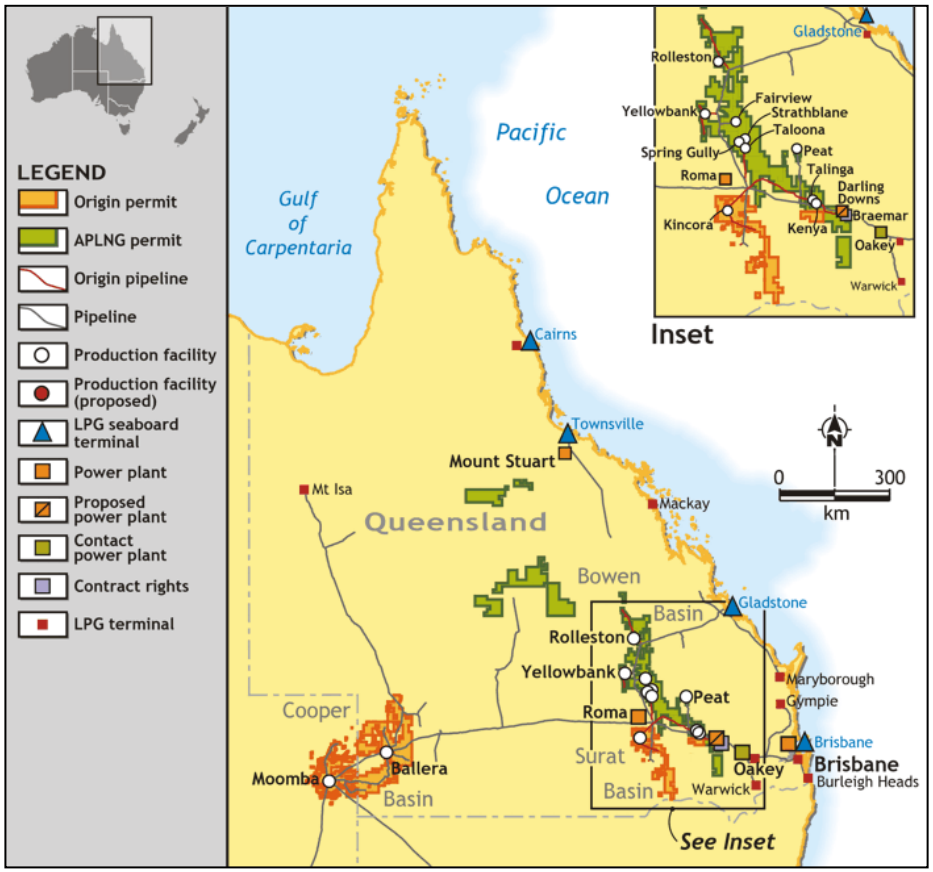
- Australian company with ASX top 20 ranking
- 140 year history
- Australasian operations:
  - Over 4,400 employees
  - Over 4.6 million customers
  - Over 150,000 shareholders
- Queensland – 50 years of building community relations as local employers, suppliers through energy retailing, oil & gas exploration and production, and power generation



Origin's Queensland Operations

# Defining the Australia Pacific LNG Project

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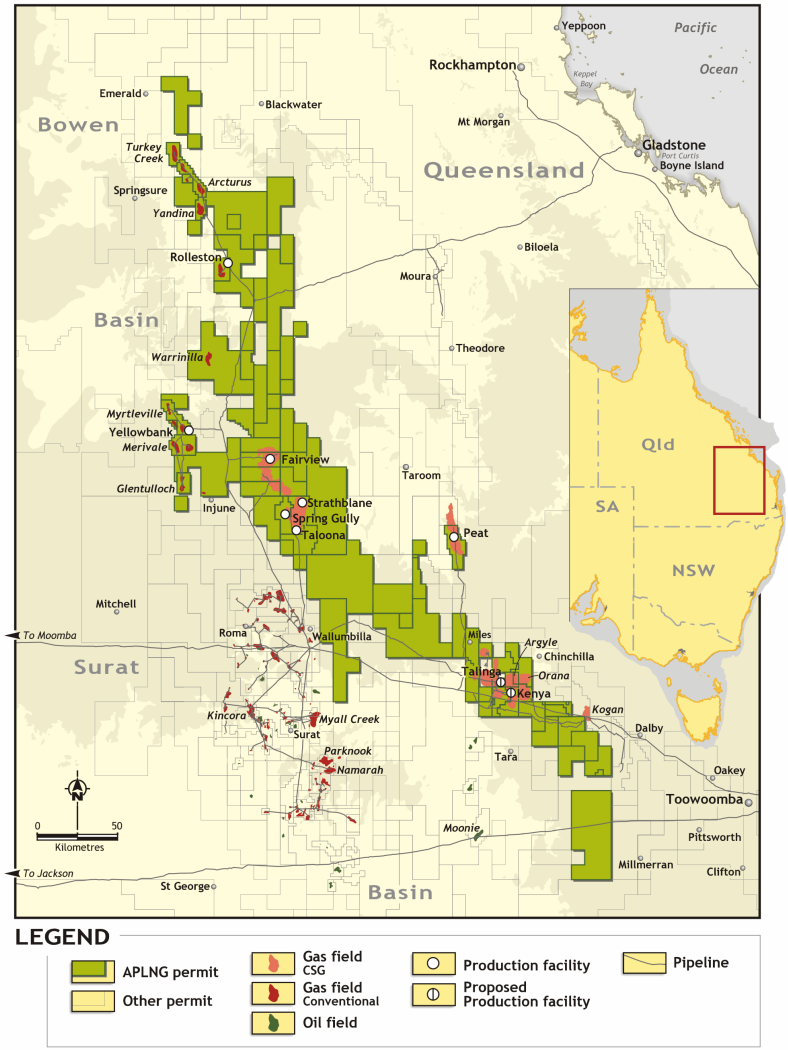
- Gas plants typically 170TJ/day capacity
- The Project provides over 40% of Queensland's domestic gas needs
- CSG permits cover 36,000 km2
- 2P reserves 10,1431 PJ
- Largest CSG Producer in Australia
- Residential, commercial & industrial customers
- 522km main gas transmission pipeline
- LNG Facility at Curtis Island off the coast of Gladstone
- Initial focus on first two 4.5 mtpa gas processing trains
- Use of proven Optimized Cascade Technology
- Over 1600 people now employed on the Project in Queensland



# Benefits of the project

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- Significant capital investment through to 2020
- Create a long-term CSG to LNG domestic and export businesses
- Stimulate employment throughout project areas
  - Up to 5,000 jobs in peak construction phase
  - Up to 1,000 jobs in operations phase
- Reduce greenhouse gas emissions by using cleaner, greener transitional energy of CSG and LNG
  - Electricity generated from gas produces up to 70% fewer GHG compared to existing coal technologies
- Create opportunities and economic stimulus of local and rural communities

# Project Approvals Update

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- Coordinator-General approval 9th November 2010
- This included approx 1200 conditions, containing major sub-conditions
- Federal Government approval on 22 February 2011
- February 2011 EPBC approval granted
- This included approx 300 conditions
- May 2011 Licence for ‘The Narrows’ pipeline granted
- June 2011 Licence for Condabri gas field granted

# Using Technology……

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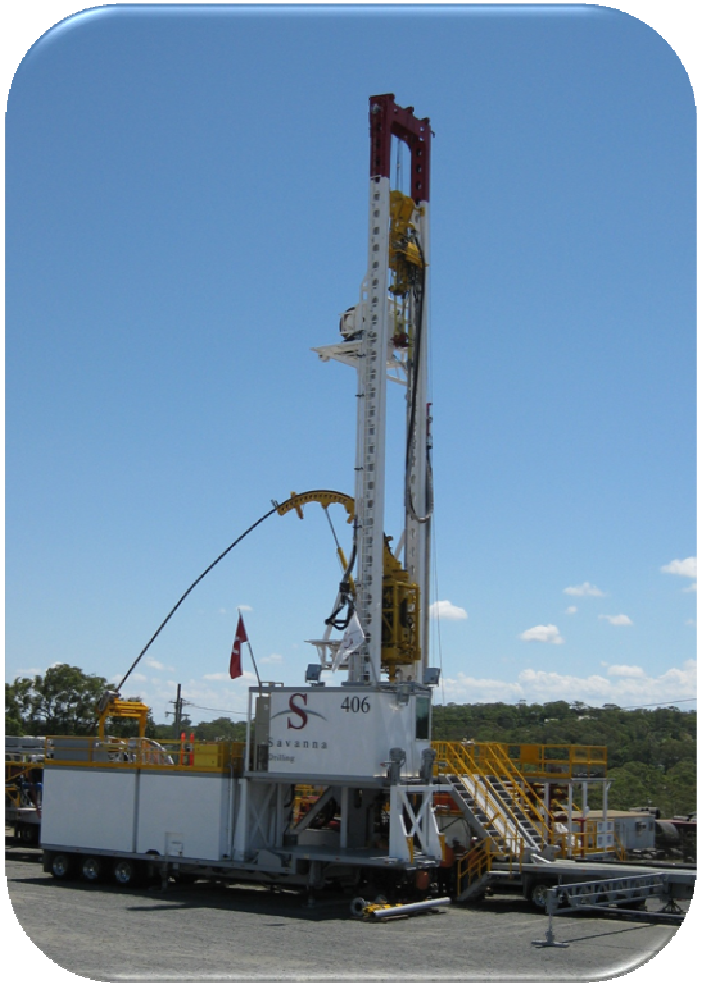
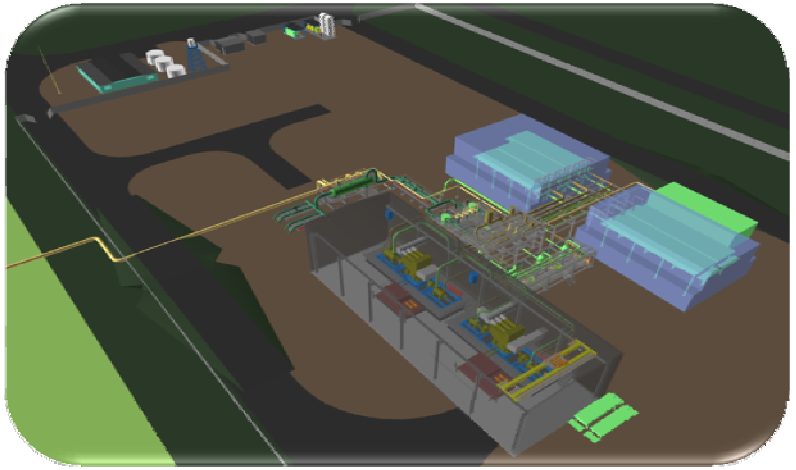



Hybrid rigs

Reverse osmosis plants

High efficiency
compressors



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