



## The Australia Pacific LNG Project



**The Australia Pacific LNG Project is one of the largest coal seam gas (CSG) to liquefied natural gas (LNG) projects in Australia. It involves developing CSG fields in the Surat and Bowen Basins in Queensland, construction of a 530km pipeline and a new LNG facility on Curtis Island, offshore from Gladstone.**

The Project will generate significant benefits at regional, state and national levels, including:

- Significant capital investment through to 2020
- Creation of a new, long-term gas processing and export industry in Queensland
- Creation of up to 6,000 direct jobs during the peak construction phase which includes the gas fields, gas pipeline and LNG facility
- Creation of 1,000 jobs during the operation of the Project
- Opportunities to increase local skills capacity via apprenticeships, scholarships and vocational training
- Expenditure in regional economies through the purchase and use of local goods and services, where practicable, for the construction and operation of the plant.

The Australia Pacific LNG Project draws on the extensive experience of Australia's largest integrated energy company, Origin, and Houston-based company ConocoPhillips, who has assets and operations around the world.

The Project will produce CSG for commercial markets both locally and overseas and already supplies gas to power stations in Queensland, major industrial customers and homes and businesses in south east Queensland. ConocoPhillips has a proven track record in the delivery of LNG projects internationally and in Australia.



ConocoPhillips







## The Australia Pacific LNG Project

### About Australia Pacific LNG

Australia Pacific LNG is the leading producer of coal seam gas (CSG) in Australia and holds the country's largest CSG reserves position. Australia Pacific LNG is delivering a multi-billion dollar, world-class CSG to LNG export project in Queensland.

Australia Pacific LNG is a joint venture between Origin, ConocoPhillips and Chinese energy company Sinopec. Origin and ConocoPhillips hold a 37.5% ownership interest respectively and Sinopec has a 25% equity interest.

### The Australia Pacific LNG Project

The Australia Pacific LNG Project consists of:

1. The further development of Australia Pacific LNG's gas fields in the Surat and Bowen basins in south western and central Queensland
2. A 530 km gas pipeline from the gas fields to an LNG facility in Gladstone in Queensland
3. An LNG facility on Curtis Island in Gladstone, the first two trains of which will have a processing capacity of up to 9 million tonnes per annum.

From the LNG facility, Australia Pacific LNG's cargoes will be shipped to the energy markets of Asia. Australia Pacific LNG's first cargo is expected to be exported in 2015.

### Operating more sustainably

Australia Pacific LNG is committed to exploring innovative and more sustainable solutions to reduce the impact of its CSG to LNG operations on the environment and community, for example:

- First in CSG to LNG industry to use reverse osmosis plants
- Use of energy efficient compressors
- Lower impact seismic surveys
- Use of hybrid drill rigs
- Selection of ground flares for use at the LNG facility



Artist's impression of the LNG facility on Curtis Island off shore from Gladstone



## Providing a cleaner source of energy

Australia Pacific LNG will play an important role in delivering cleaner sources of energy to Australia and Asia. When used for electricity production, natural gas emits significantly lower carbon emissions when compared to coal-fired generation.

## Making a contribution

The Australia Pacific LNG Project will generate significant benefits at regional, state and national levels. The Project will create approximately 6,000 direct jobs during the peak construction phase which includes the gas fields, gas pipeline and LNG facility. It will also create 1,000 jobs during the operation of the Project.

With significant employment needs, Australia Pacific LNG will be working to increase local skills capacity via apprenticeships, scholarships and vocational training.

The Project also expects to make a considerable contribution to regional economies through the purchase and use of local goods and services, where practicable, for the construction and operation of the plant.

## Commitment to local communities

Australia Pacific LNG values a constructive relationship with local communities, landowners and all levels of government.

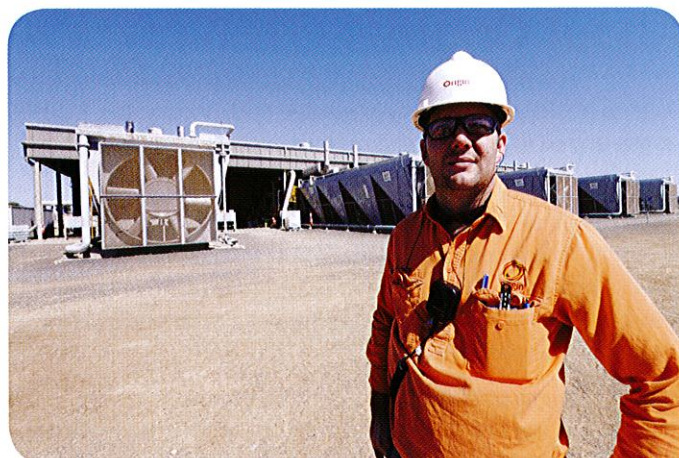
Australia Pacific LNG will pursue the highest environmental, community consultation and regional development standards not only during the construction period but also throughout the ongoing operational life of this project.

### Joint Venture

Australia Pacific LNG is a joint venture consisting of:

	Origin:	37.5% interest
	ConocoPhillips:	37.5% interest
	Sinopec:	25% interest

Origin is responsible for construction and operation of the gas fields and pipelines. ConocoPhillips is responsible for construction and operation of the LNG facility.



## Project milestones

Project milestones	Timing (Calendar Years)
Initial Advice Statement (IAS) submitted	Q1 2009
Project declared as Significant by the Queensland Government	Q2 2009
Curtis Island Site selected	Q3 2009
Commenced FEED work	Q4 2009
2P reserves increased to over 11,000 PJ	Q4 2010
Federal and State approvals	Q4 2010/ Q1 2011
Issued major upstream and downstream contracts	ongoing
Non-binding HOA signed with Sinopec	Q1 2011
Binding agreements signed with Sinopec	Q2 2011
Final Investment Decision (FID)	2011
Target first LNG Production	2015







## About Origin

Origin is Australasia's leading integrated energy company, focused on gas and oil exploration and production, power generation and energy retailing.

Origin is Australia's largest energy retailer servicing 4.4 million electricity, natural gas and LPG customer accounts and has one of the country's largest and most flexible generation portfolios with more than 5,800 MW of capacity, through either owned or contracted generation.

Origin's strategic positioning and portfolio of assets provide flexibility, stability and significant opportunities for growth across the energy industry in Australia.

Through Australia Pacific LNG, Origin is developing one of Australia's largest CSG to LNG projects based on Australia's largest CSG reserves base.

Origin has a strong focus on ensuring the sustainability of its operations and has significant investments in renewable energy technologies including wind, solar, geothermal and hydro electricity.

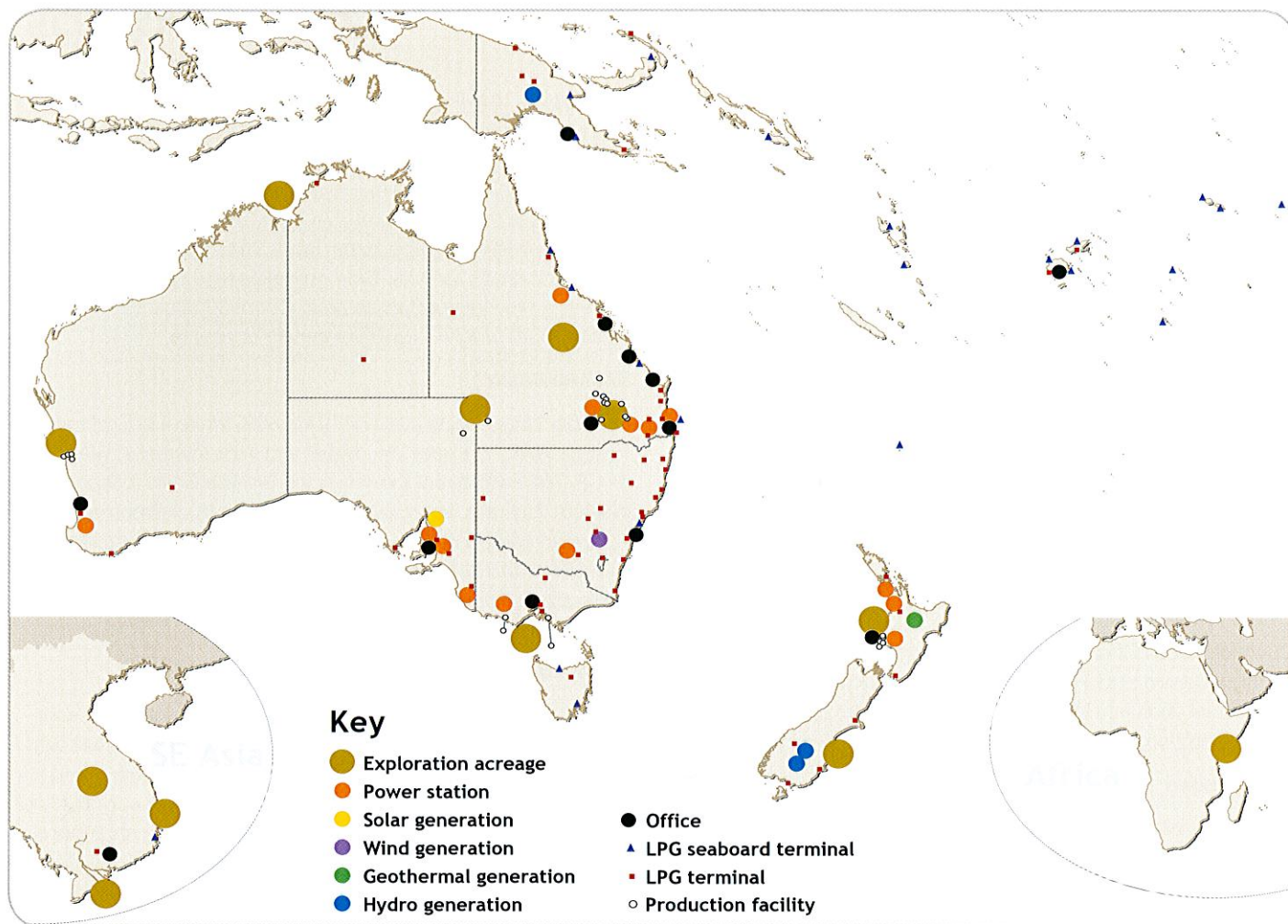
Origin employs 5,600 people throughout Australia.

### Fast Facts

<b>ASX TOP 20</b>	by market capitalisation
<b>166,000+</b>	shareholders
<b>52.8%</b>	interest in Contact Energy
<b>4.4 million</b>	customers across Australia
<b>Market leading</b>	green energy provider
<b>5,310 MW</b>	owned or contracted generation capacity
<b>3,000 MW</b>	total potential wind development portfolio







## Exploration and Production

- Targets gas resources close to markets so Origin can quickly develop and monetise any discovery
- Largest holder of gas reserves in eastern Australia via Australia Pacific LNG joint venture, and a leading producer of gas in Eastern Australia

## Australia Pacific LNG

- A joint venture with ConocoPhillips and Sinopec which is proposing to develop one of Australia's largest CSG to LNG export projects in Queensland, based on Australia's largest CSG reserves
- Currently supplies more than 40 per cent of domestic gas requirements to customers in Queensland

## Generation

- Australia's largest and most flexible generation portfolio
- Largest owner and developer of gas fired electricity generation in Australia
- Significant development pipeline of renewable energy opportunities across wind, solar, geothermal and hydro electricity

## Retail

- Australia's largest energy retailer with 4.4 million customers
- Australia's clear market leader in green energy sales
- Provider of electricity, natural gas and LPG products

## Contact Energy

- Origin has a 52.8% interest in New Zealand's leading integrated energy company
- Extensive portfolio of gas supply arrangements, gas storage under development, a diverse generation portfolio
- Strong retail position with approximately 560,000 customers

## Working alongside communities

Origin has a long history of working alongside communities in rural and regional Australia for many years.

Origin values a constructive relationship with local communities, landowners and all levels of government.

For more information go to [www.originenergy.com.au](http://www.originenergy.com.au)





## The Australia Pacific LNG Project

### About ConocoPhillips

ConocoPhillips is an integrated energy company with interests around the world. Headquartered in Houston, the company had approximately 29,600 employees, \$160 billion of assets, and \$226 billion of annualised revenues as of 31 March, 2011. Worldwide, ConocoPhillips is the fifth-largest refiner and the sixth-largest reserves holder of non-government-controlled companies. The company is listed on the New York Stock Exchange under the symbol "COP".

#### ConocoPhillips Australia

ConocoPhillips Australia is a subsidiary of ConocoPhillips, with significant assets and exploration activities across the Australian region. The company currently employs over 500 employees in Australia.

#### Project Snapshots

##### *Darwin LNG*

ConocoPhillips is the operator and major equity holder in the 3.7mtpa Darwin LNG Plant, which commenced production in 2006. Joint venturers include ENI, Santos, INPEX, Tokyo Electric Power Company and Tokyo Gas.

##### *Bayu-Undan*

The Bayu-Undan Field holds approximately 3.5 trillion cubic feet of gas and 500 million barrels of condensate and LPG. The field was discovered in 1995 and is located approximately 500km north-west of Darwin, Northern Territory. Bayu-Undan is managed in the same joint venture structure as Darwin LNG.

##### *Australia Pacific LNG*

ConocoPhillips established a joint venture with Australian company Origin Energy in October 2008, called Australia Pacific LNG, a coal seam gas-to-liquefied natural gas joint venture in



Queensland. The Project includes the extraction of coal seam gas in the Bowen and Surat Basins, a 530km gas transmission pipeline and an LNG Facility on Curtis Island, Gladstone.

##### *Sunrise*

Greater Sunrise is located in the Timor Sea, 450km north-west of Darwin, Northern Territory. ConocoPhillips holds a 30% working interest in the Greater Sunrise area. ConocoPhillips and its co-venturers are progressing development concepts.

##### *Browse Basin*

ConocoPhillips is operator and holds 60% interest in Exploration Permits WA-315-P and WA-398-P and 10% interest in WA-314-P. The Permits are located in the Browse Basin, offshore Western Australia, approximately 480km north of Broome. Australian company Karoon Gas holds the remaining interests in the Permits. Hydrocarbons have been encountered at the Poseidon-1, Poseidon-2 and Kronos-1 wells. Further drilling is planned.

##### *Caldita and Barossa*

ConocoPhillips is operator and holds exploration interests in the Timor Sea approximately 270km north-northwest of Darwin with joint venturer, Santos. The Caldita-1 discovery well was drilled and tested in NT/P61 in 2005, followed by the Caldita-2 appraisal well in early 2007. Reprocessing of data over the Caldita structure is scheduled during 2011.

##### *Athena*

ConocoPhillips holds 50% equity in WA-17-L, approximately 130km north-west of Dampier, which contains part of the North West Shelf Venture's Perseus gas field. This field straddles the boundary with an adjoining license area, and has produced gas since 2001. Mobil Australia holds the remaining 50% equity.



ConocoPhillips' Darwin LNG facility





## The Australia Pacific LNG Project



### For more information

#### Got a question about Australia Pacific LNG?

For enquiries about the gas fields or pipeline call  
**1800 526 369** or email [contact@aplng.com.au](mailto:contact@aplng.com.au)

For enquiries about the Gladstone operations and  
LNG facility call **1300 776 205** or email  
[aplng.gladstone@conocophillips.com](mailto:aplng.gladstone@conocophillips.com)

Or visit our website at [www.aplng.com.au](http://www.aplng.com.au)



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