Woodside’s $12 billion Pluto LNG Project is set to become the world’s fastest developed Liquefied Natural Gas (LNG) project from discovery of the gas field in April 2005 to the production of first gas in late 2010.

The project will process gas from the Pluto and Xena gas fields, located about 190km north-west of Karratha in Western Australia, into LNG and condensate.

Located in the Carnarvon Basin, the Pluto gas field is estimated to contain a total dry gas recoverable volume of 4.4 trillion cubic feet (Tcf). A smaller field, Xena, with an estimated dry gas recoverable volume of 0.6Tcf will also be incorporated into the project.

The initial phase of the Pluto LNG Project comprises an offshore platform in 85m of water connected to five subsea big bore wells on the Pluto gas field. Gas will then be piped to shore in a 180km, 36-inch pipeline.

A single LNG processing train with forecast production capacity of 4.3 million tonnes a year, storage facilities and an export jetty will establish the new Burrup LNG Park. The Park has been designed to aggregate gas from the Carnarvon Basin to support future LNG growth and create another domestic gas supply hub for Western Australia.

The Pluto LNG Project is underpinned by 15-year sales agreements with Kansai Electric and Tokyo Gas for the combined supply of up to 3.75 million tonnes of LNG a year.

Kansai Electric and Tokyo Gas became project partners in January 2008, each acquiring a five per cent interest in the Pluto LNG Project.

Moving forward
To ensure we meet our schedule Woodside is focusing on attracting and retaining the right people, and strengthening a high performance culture based on safety, commercial acumen, cost focus and technical capability.


The LNG processing train is being constructed in prefabricated units in Thailand, which will be shipped to site for installation. The offshore production system and platform are being built in Malaysia and China.

Feasibility studies for a second processing train are underway.

**KEY FACTS**

**Pluto Offshore:**
- Field location: 190km north-west of Karratha, Western Australia
- Field size: Pluto 4.4 Tcf, Xena 0.6 Tcf
- Permit: WA-350-P
- Licence: WA-34-L
- Pipeline: 180 kilometres long
- Platform: in 85 metres of water
- Five subsea wells in 830 metres of water

**Pluto Onshore:**
- Plant location: Burrup Peninsula, Karratha
- Train 1 capacity: 4.3 million tonnes a year
- LNG storage capacity: 240,000 cubic metres (2 tanks)
- Condensate storage capacity: 130,000 cubic metres (3 tanks)
- Jetty: LNG and condensate loading
For the Pluto LNG Project, sustainable development means a focus on the environment, cultural heritage, Indigenous participation, the local community and economic development.

**Environment**

Pluto gas is naturally low in carbon dioxide (about two per cent), which is less than much of the other gas in the region. Woodside is investing up to $100 million on a program to offset reservoir carbon emissions from Pluto. This investment, combined with technology and efficiency measures, will make Pluto one of the most environmentally efficient LNG plants in the world.

The project was granted State and Commonwealth environmental approval in 2007.

**Cultural heritage**

Located in the Dampier Archipelago, an area known for its rock art engravings, the Pluto LNG Project has set new benchmarks in cultural heritage management.

The plant was designed to avoid 95 per cent of all rock art on Pluto leases. Those boulders with engravings that could not be avoided have been carefully relocated to a nearby natural setting with the guidance of the Traditional Custodians.

**Indigenous participation**

Indigenous employment and business participation is a priority for the Pluto LNG Project.

We expect a number of Indigenous businesses to win project contracts and about 150 Indigenous people to be employed during construction.

**Community**

The community engagement program for the Pluto LNG Project includes holding regular meetings with the Karratha Community Reference Group, Indigenous groups and other key stakeholders.

Community services and infrastructure are key elements of the project’s investment in Karratha, specifically in relation to local education, childcare and health services.

Culture is the theme for our Indigenous community investment program in 2008.

The program provides activities for art and youth development, as well as opportunities to celebrate and preserve Indigenous language and culture.