



Roebuck Bay, Broome, Western Australia.

Ichthys LNG Project — enduring benefits for Broome and the Kimberley region

The INPEX-led Ichthys LNG Project is bringing a multitude of economic and social benefits to Broome, Western Australia which will contribute to both the town and surrounding Kimberley region for decades.

The Project is in essence three mega projects in one. It will incorporate some of the world's biggest and most advanced offshore facilities off the Western Australian coast approximately 450 kilometres north of Broome, massive onshore processing facilities near Darwin, and an 890 kilometre subsea pipeline to unite them.

As the closest mainland town to the Ichthys Field, Broome serves as a vital logistics hub for the Project's offshore activities.

INPEX is currently the biggest user of both the Broome International Airport, which serves as a transit point for Project personnel going to and from our offshore facilities, as well as the Port of Broome for the sea delivery of supplies and equipment to the Project's offshore operations.

The Project's offshore drilling activities are supported from Broome by Toll Mermaid, Cimec and M-I SWACO. In addition, GE Oil and Gas has established a facility in Broome to service the advanced subsea systems they supply to the Project.

In addition to the direct economic benefits as a consequence of the Project, many Broome businesses have won work supplying goods and services to Project contractors — resulting in the creation of local jobs and training opportunities. Examples of local businesses obtaining work through Project contractors include various catering, transportation, accommodation and other support service providers.

Further north on the Dampier Peninsula, the Aboriginal community of Djarindjin is also benefiting from the economic impetus of the Project. INPEX uses the local airport as a refuelling stop for Project helicopters flying between Broome and our offshore facilities. The community generates significant income from airport landing fees. Additionally, nine members of the community have been trained to work as helicopter refuelers.

However, the Project is contributing much more than just economic benefits to Broome and the Kimberley. A wide range of social and community benefits are also being generated as a direct outcome of the Project's activities in the region.

Educational institutions, community festivals, cultural celebrations and local events are just a few examples of the range of beneficiaries in Broome and the Kimberley region being supported by the Project.



INPEX workers arriving at the Broome International Airport Heliport to check in for their flight to the Ichthys Field.

Broome – a vital logistics support hub

With a sailing time of about 26 hours from the local port to the Ichthys Field, Broome is an important service hub for the Ichthys LNG Project's offshore and drilling activities.

During the current phase of works, Project vessels are expected to make near daily visits to the Port of Broome.

A dedicated INPEX / Toll Mermaid Marine Supply Base has been established close to the Port of Broome to support the Project's drilling operations. As at July 2016, about ten local Toll Mermaid staff and six rotational INPEX employees were working at the base.

In addition, GE Oil and Gas has established a custom-built facility in Broome to service the Project. The facility – which currently employs seven Broome locals – prepares, stores and provides routine maintenance of the Project's advanced subsea equipment. The establishment of the state-of-the-art facility brings technical and operational excellence to the region.

A number of other local jobs are supported indirectly through INPEX's logistics operations, including at the Broome International Airport, M-I SWACO and the Port of Broome.

Key facts: Economic and social benefits

- Broome is an important logistics and drilling support hub for the Ichthys LNG Project.
- As at July 2016, more than 450 people and seven vessels were working offshore to support the Project activities in the Ichthys Field.
- The Project is currently the biggest user of Broome International Airport and the Port of Broome.
- In the past year, the Project has increased its community investment program in Broome, supporting the North Regional TAFE and Cable Beach Primary School in addition to its ongoing sponsorship of the Shinju Matsuri Festival.
- The Project is currently drilling 20 development wells in the Ichthys Field. This drilling program is serviced from Broome and is expected to last into 2019. A further 30 development wells are expected to be drilled over the life of the Project.
- Several contractors and sub-contractors operate in Broome supporting Project drilling and logistics requirements and engaging local businesses and workers to support their operations.
- INPEX has interests in 12 exploration blocks in the Browse Basin of which it operates six. Future exploration drilling activities will be supported from Broome.

Supporting education in the region

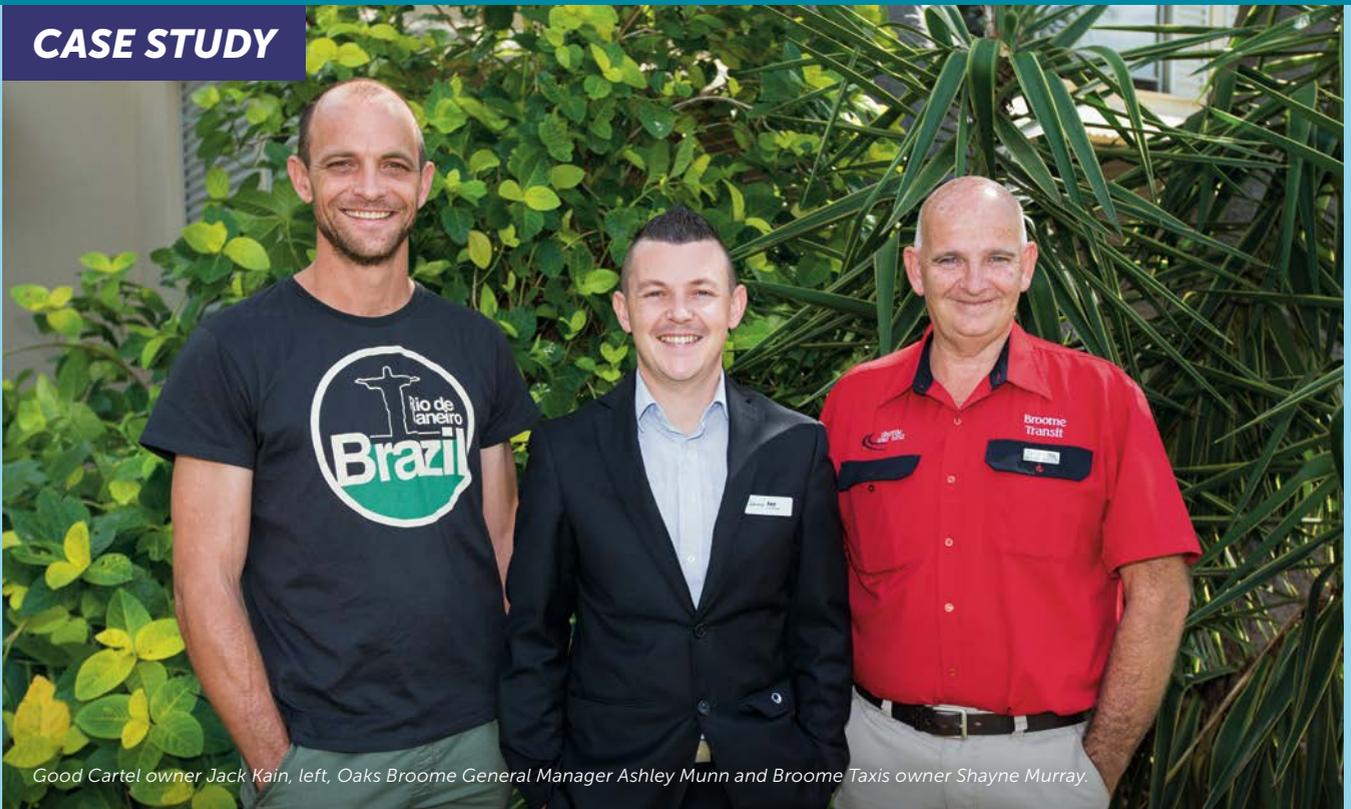
The Ichthys LNG Project is working closely with North Regional TAFE (formerly Kimberley Training Institute) to support skills and education in the region.

In 2015, the Project donated \$5000 for the establishment of a Student Support Hub at TAFE's Broome campus to cater for students requiring additional tutoring support — particularly those with special needs. The hub is fitted out with funky soft colourful furnishings, iPads and computers with touchscreen and voice recognition software.



Students and staff in the Student Support Hub, at the North Regional TAFE Broome Campus, which has received funding from INPEX.

CASE STUDY



Good Cartel owner Jack Kain, left, Oaks Broome General Manager Ashley Munn and Broome Taxis owner Shayne Murray.

Local businesses getting our workers off to work

On average, each night approximately 30 to 40 Project workers occupy rooms at the Oaks Broome Hotel to give them a good night's sleep before they fly out in the morning to the Ichthys Field on one of the locally based helicopters.

Broome Taxis provides a bus service that transports workers between Broome International Airport, the heliport and the Oaks when they arrive and leave town.

Every morning the Good Cartel, a local café, prepares a range of healthy sandwiches and wraps for workers going offshore. These are delivered to the heliport and served to workers prior to their departure on the two and half hour flight to the Ichthys Field.

This early morning logistics exercise is also supported by a crew of locals at the Broome International Airport Heliport and Bristow, who ensure our workers depart safely on time.

Offshore construction and development drilling

The Ichthys LNG Project is expected to produce up to 8.9 million tonnes per annum of liquefied natural gas and 1.6 million tonnes per annum of liquefied petroleum gases, along with 100,000 barrels per day of condensate at peak during its expected 40 year operational life.

In the Browse Basin about 450 kilometres north of Broome, a subsea network of flowlines, support structures and control systems weighing about 30,000 tonnes is being installed across the Ichthys Field so that the Project will be able to safely and efficiently extract gas and condensate.

This network of subsea infrastructure will be connected to the Project's two permanent offshore facilities; the Floating, Processing, Storage and Offloading (FPSO) vessel and the Central Processing Facility (CPF). Both facilities are currently under construction in South Korea.

To date, a network of about 140 kilometres of subsea flowlines has been installed. The flowlines will connect drill centres to the CPF and link it to the FPSO, which will be moored about 3.5 kilometres away.

The Project's initial 20-well development drilling program is ongoing in the Ichthys Field. In total, 50 wells will be drilled for the Project, with the current drilling campaign expected to continue into 2019.

The Project is using the mobile offshore drilling unit ENSCO 5006 which has a crew of about 140 people and is supported by two anchor handling vessels and a platform supply vessel.

The ENSCO 5006 will work in the Field for the whole development drilling program.

Supply vessel being loaded at the Port of Broome.



Troy Dubois, INPEX Drilling Supply Base Supervisor and Captain Paul Smith aboard the Far Seeker supply vessel.



INPEX Onshore Site Supervisor-Stewart Clark and GE Oil and Gas Base Manager – Broome Ian Rodger in front of subsea equipment at the GE Oil and Gas facility in Broome.



Bristow Pilots Peter McDonald and Kieran Bell, who help transport workers offshore to the Ichthys Field.

Helicopter hub at Broome International Airport

INPEX has contracted helicopter services provider Bristow to transport Ichthys LNG Project offshore workers between Broome and the Ichthys Field.

At the peak of offshore activity, up to 70 Project workers are expected to be transported by helicopter to the Ichthys Field each day, with the same number travelling back to Broome on return flights.

Bristow currently operates four helicopters from Broome to support the Project, including a dedicated search and rescue helicopter. These helicopters are flown and serviced by a team of pilots, engineers and support staff working in Broome.

With many of the Project's helicopter flights to the Ichthys Field having to depart early in the morning, some of the workforce regularly stay overnight in Broome. A small number of rooms are also needed for fly-in, fly-out logistics staff.

To minimise the impact on Broome's tourism sector – while still bringing economic benefits to the town – the Project's workforce is predominantly housed in serviced apartment-style rooms.

Project helicopters travelling between Broome and the Field regularly land at the Djarindjin-Lombadina airport for refuelling. Broome International Airport operates the facility on behalf of the Djarindjin Aboriginal Corporation.

Since 2008, the Project has invested more than \$500,000 in improvements to the airport, including working with the Western Australian Government on a major upgrade that sealed the airstrip, expanded fuel facilities and shelters and installed an automated weather station. The upgrade has benefitted not just the Project, but also the local community, the Royal Flying Doctor Service, tourism operators, private users and other Browse Basin oil and gas operators.



INPEX Deputy Drilling Superintendent Sam McLennan checking in at Broome International Airport Heliport.



Heliport Operations Officer David Lawrence loading supplies into a helicopter at Broome International Airport.



INPEX – A part of the community

At INPEX, we believe it is important to be a part of the communities in which we operate. As part of that commitment, we continually seek to develop, maintain and improve our relationships with our Kimberley stakeholders, most notably in Broome, Djarindjin and Derby. We have also continued to deliver a range of community and social investment opportunities to the region.

In the past 12 months several initiatives have been supported including:

- sponsorship of the annual Shinju Matsuri Festival
- support to Cable Beach Primary School
- upgrades to North Regional TAFE

- participation in the Work Inspirations initiative – a collaboration between Shell Australia and INPEX to help inspire Year 9 students to pursue a career in the oil and gas industry
- sponsorship of the Kimberley Art Prize
- sponsorship of the Association of Northern, Kimberley and Arnhem Aboriginal Artists.

In addition, Project workers themselves have privately undertaken fundraising activities for local causes, such as the Kyle Andrews Foundation which supports families with children suffering serious or life threatening illness through an annual camp and short stay holiday accommodation.



North Regional TAFE student Albert Butt.



Bristow Base Manager at Broome International Airport Tina Barras.

Contact us

General community feedback **1800 705 010**

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The Ichthys LNG Project is a Joint Venture between INPEX group companies (the Operator), major partner Total, CPC Corporation Taiwan and the Australian subsidiaries of Tokyo Gas, Osaka Gas, Kansai Electric Power, Jera and Toho Gas.