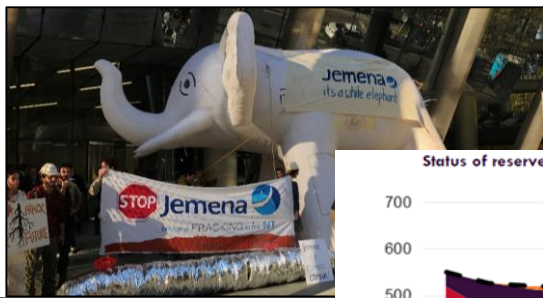


The Northern Gas Pipeline Building a Social Licence

Jonathan Spink
General Manager – Major Projects
IPLOCA 2019

The Australian Gas Environment



NT News

DARWIN 19-36°C



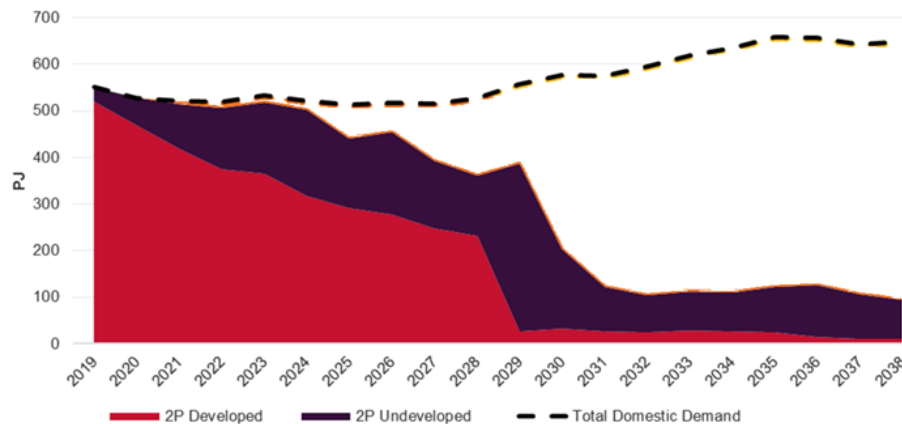
Chief Minister and CLP leader Adam Giles concedes defeat in the Springs. PICTURE: Elise Derwin

Northern Territory

CLP suffers massive NT election loss

Traditional owners have lodged an emergency objection to land clearing amid fracking concerns, which could potentially shut down a major Northern Territory gas pipeline project.

Status of reserves and resources to meet domestic demand, 2019-38



he world has been following the protests at Standing Rock for the last few months, itching as a social media trend has been kicked-up by our keyboard-grating era offering solidarity with protestors on the ground. Whilst some might say this demonstrates a modern-day delusion that clicking a button makes a difference, I believe in displaying solidarity through a tool readily available to us, at least, starts the conversation that leads to action.



Lock the Gate Alliance

NT Traditional Owners walk out on fracked gas pipeline deal

ublished: July 28, 2016

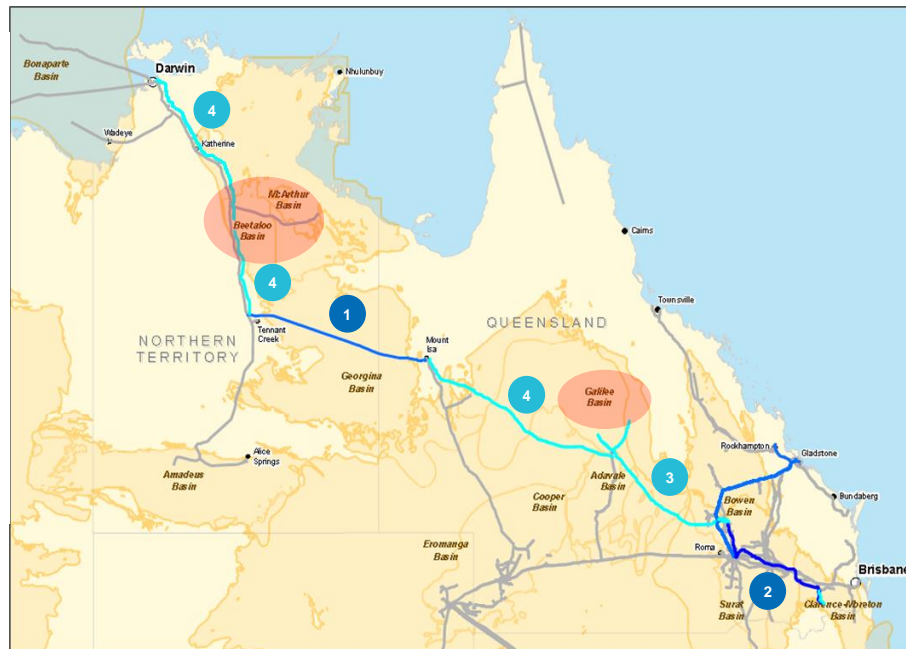
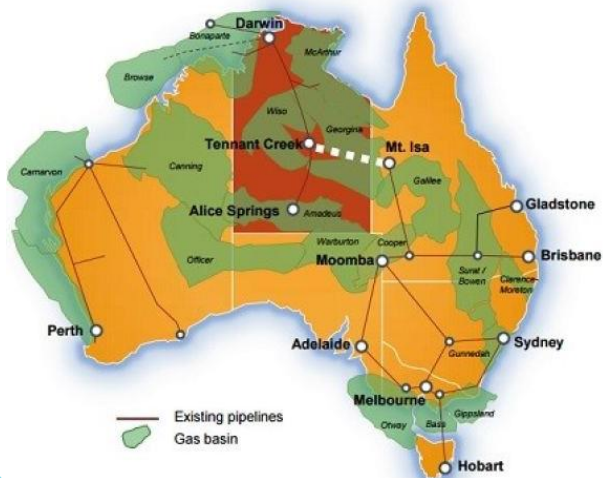
Northern Territory Traditional Owners whose land is being targeted for the proposed new gas pipeline between Tennant Creek and Mt Isa have yesterday afternoon walked out of a joint Central and Northern Land Council meeting, pushing against a planned access route deal for Jemena's Northern Gas Pipeline, due to concerns about the impacts of fracking gasfields.

A Land Council notice for the meeting asked, 'are you ready to say yes or no to the pipeline?' (see here). But the concerns and objections raised by Traditional Owners about the rushed consultation process and the proposed pipeline's reliance on fracked gas has now meant the decision meeting is postponed until late September.

A presentation by pipeline hopeful Jemena, jointly owned by the Singapore and Chinese government, claimed no fracked gas would be needed to underpin the pipeline's economic viability. This was challenged by Traditional



Jemena's Northern Growth Strategy



The Northern Gas Pipeline - unlocking new gas supply

Key Project Details:

- Project value - \$800 million
- 622km of 12 inch pipe carrying 90TJ/d (33PJ/year)
- Cryogenic nitrogen removal unit at Tennant Creek to process NT gas to Australian standard
- Officially opened Dec 2018

Geographical and labour force challenges

Remote Australia
65% Aboriginal population
Low levels of employment
Low levels of education & skills

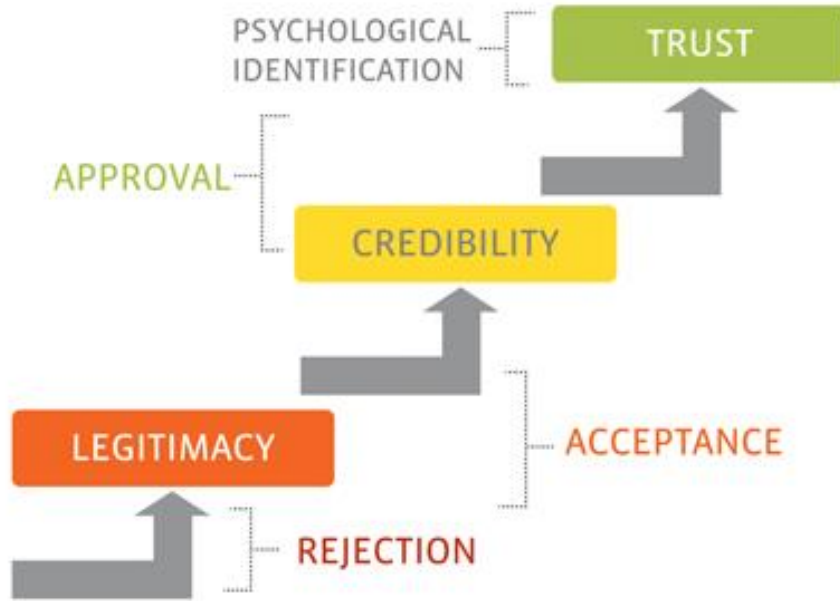


Population	6,700 (65% Aboriginal)
Job seekers	1,200 95% Aboriginal, of which 95% are unskilled

Barkly Region Labour Profile

The criticality of gaining trust

Gaining the Social License



Practical and real initiatives to maximise local involvement

Over \$5 million invested

Jemena's Industry Participation Plan

Jobs and
Training
Portal

Project
Ready
Training
Program

Tennant
Creek Social
Employment
Project

Gas
Operator
Training
Program

Business
Investment
Fund

Regional Employment Plan

Project Ready Training Program

A 12 week, live-in training program focussed on delivering skills to local Aboriginal people to ensure they were project ready.

44 local graduates

- 30 in Camooweal
- 14 in Tennant Creek

Myuma Spinifex program

- 16-week live-in training
- Further 14 graduates

Delivered locally by local people for local people



Tennant Creek Social Employment Project

A program designed to get people who would be otherwise unable to do so working on the project.

- Nine (9) local Aboriginal people employed
- 37,000 sawdust bags manufactured
- 12 week program

Delivered locally by local people for local people

Gas Operator Apprenticeship Program



Two local Aboriginal graduates from the Gas Operator Training Program joined Jemena as apprentices

- Three (3) year apprenticeship
- Certificate 4 in Gas Supply Industry Operations

Delivered locally by local people for local people

Direct Economic Outcomes Summary

	IPP Target	Actuals
NT jobs	423	389
Regional jobs	295	397
Aboriginal jobs	111	269
NT contracts	89	168
Regional contracts	58	150
Aboriginal contracts	36	28

Spend in NT and QLD = \$153m

- NT spend = \$43m
- Barkly Region spend = \$15m
- QLD spend = \$110m
- Mount Isa Region spend = \$13m
- Aboriginal businesses = \$18m



NGP Sponsorship Program

Community and Culture

- Imparja Cup (Tennant Creek)
- Desert Harmony Festival
- Tennant Creek Christmas Tree
- Barkly AFL (Umpires)
- Bushfires NT Volunteer Brigade



Health and Wellbeing

- Barkly State Emergency Service
- Royal Flying Doctor Service
- LifeFlight
- Anyinginyi Health Aboriginal Corporation
- Tennant Creek Women's Refuge



Education

- Stars Foundation
- Camooweal School
- Camooweal Police Positive Energy Exchange



Significant financial and in-kind support to the communities in which we operate

Project Timeline Achieved

•Project Team established:
November 2014

•Project awarded:
17 November
2015

•Licenses &
environmental
approvals
completed: early
May 2017

Construction
commenced: mid
May 2017

Commercial
Operation:
January 2019

- Pipeline Licences granted: 2
- Major environmental approvals: 3
- Indigenous Land Use Agreements: 9
- Aboriginal Land Rights Act Agreements: 2
- Land agreements: 57



Current Socio-political Environment

NT News
EDITORIAL

NGP value confirmed

WITH the final construction of the Northern Gas Pipeline between Tennant Creek and Mt Isa in Queensland we are now seeing why it was required.

Jemena's announcement it had signed Santos to a gas transport agreement means that before any product is even pumped 80 per cent of the daily available pipeline capacity has been sold. The Santos gas will be used by the Queensland mining and processing sector.

The deal to build the \$800 million 622km NGP was completed by the Giles Government after an exhaustive tender process. Underpinning the pipeline is excess gas paid for by the Territory taxpayer and sourced via Blacktip.

The addition of Santos merely confirms the NGP was a required piece of infrastructure from the outset.

During construction Jemena employed hundreds of Territorians and set a corporate standard the public should demand of the others who enter the onshore market. It ensured Territory businesses not only won tenders but it helped them improve their corporate structures to meet the requirements of tier one companies.

If there is to be a tragedy in all this it comes in the form of Australia's manufacturing industry.

We all know the Territory has a lot of natural resources and gas is one. It is a shame that the Territory will be helping Queensland industry thrive and grow.

Surely having a factory or manufacturing plant closer to an energy source is smarter than transporting it halfway around Australia.

Let's hope the realisation of our value as an industrial destination with cheap energy occurs soon.

*During construction Jemena employed hundreds of Territorians and **set a corporate standard the public should demand of the others** who enter the onshore market.*

It ensured Territory businesses not only won tenders but it helped them improve their corporate structures to meet the requirements of tier one companies.

NT News editorial 22 September 2018

Australian fertiliser company salvages Queensland plant with Territory gas deal

NT News from by Katrina Borton
Updated 29 June 2018 at 4:10 pm
First posted 28 June 2018 at 5:42 pm



JULY 21 2018 - 10:11AM

Jemena Northern Gas Pipeline now in place

Derek Barry

Local News

SHARE TWEET



LANDMARK: Jemena staff celebrate the end of the construction of the Tennant Creek - Mount Isa pipeline. Photo: supplied

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Northern Gas Pipeline construction complete

Published by Bob Wachter, Editor at World Pipelines
Web: Newsline, Tel: 08 9479 1000



Another major milestone has been reached on the Northern Gas Pipeline (NGP) with lead energy infrastructure company Jemena announcing that construction of the 622 km pipeline is complete.

Article does: Executive General Manager of Corporate Development, Jemena confirmed the landmark was

Jemena's Northern Gas Pipeline creates 680 jobs

Derek Barry

Local News

More than 680 new jobs were created as part of Jemena's \$800 million Northern Gas Pipeline project in the Northern Territory and Queensland in 2017, Jemena analysis has found.

The 622km gas pipeline project also saw local businesses and organisations across Queensland and the Territory awarded 205 contracts in 2017.

NGP Project Director, Jonathan Spink, said the strong jobs figures were a

View More

Gas will soon flow down the Jemena pipeline

Lydia Lynch

Local News

SHARE TWEET



Energy company Jemena has welcomed the decision to lift the ban on hydraulic fracturing.

The NT Government has lifted its moratorium on fracking.

NT Chief Minister Michael Gunner today announced the government will allow the development of onshore shale gas industry.

A moratorium had been placed over the industry for the past year has been



Local News
You

Highly Experienced
& Hassle Free
Online Estimating
My Move

Jemena
bringing energy to life

Social Licence – Jemena's investment in the local community



Key Learnings

- Talk is cheap – demonstrated commitment to delivering real local benefits is critical
- Early and frequent engagement builds relationships, trust and understanding of needs
- Local content requirements must be cascaded through the supply chain
- Delivering robust local content requires commitment, personnel and programs such as capacity building

Delivering and exceeding the IPP was a key deliverable for Jemena – critical, not just to project delivery, but for long term pipeline operation and reputation.