



Echelon Resources Limited

A Journey to the Western Isle

fuel tomorrow today

Andrew Jefferies, Echelon CEO
NT Resources Week
SEAAOC 2024
19th September 2024



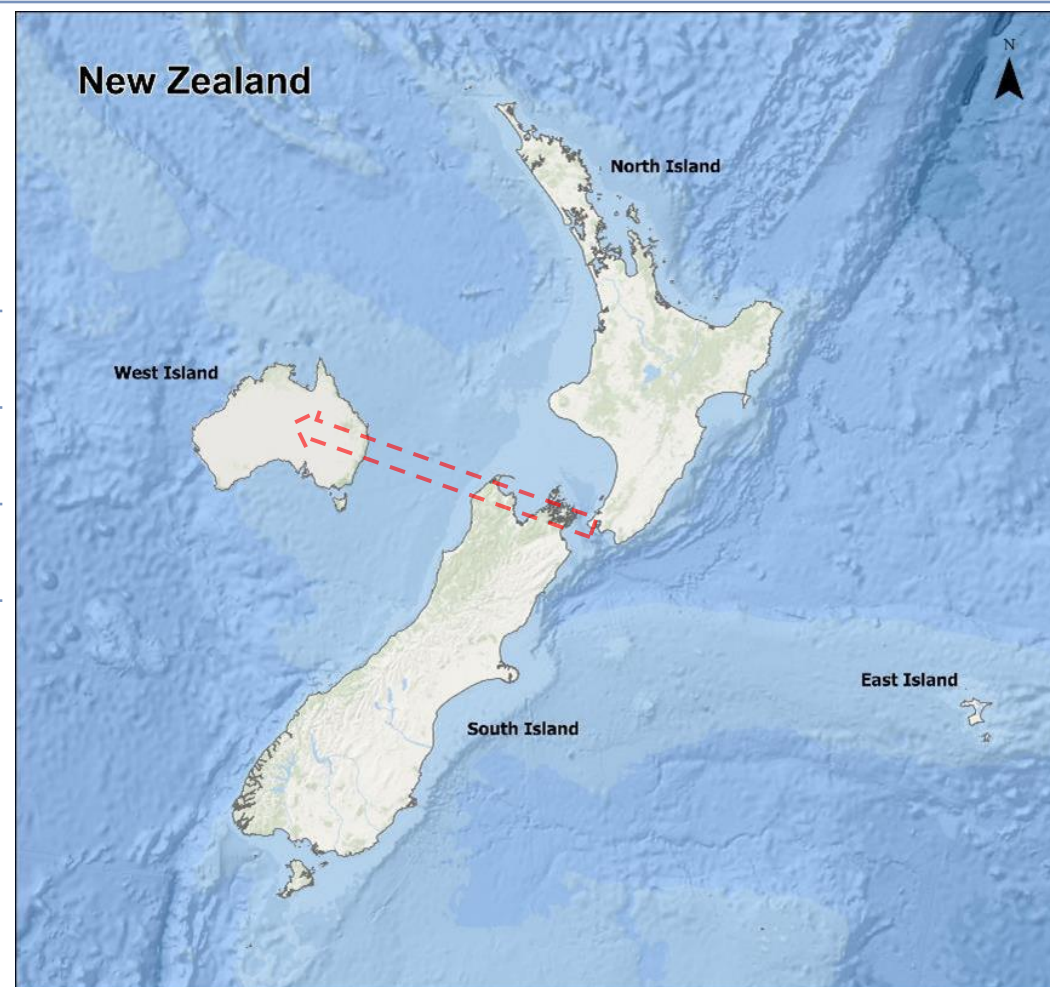
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- **Reserves:** The reserves and resources disclosed here for ECH's existing assets (including Cue's) are as included in our 2023 annual report, released to the market on 27 September 2023. All compliance statements included at that time remain relevant. ECH confirms that it is not aware of any material changes since that time. ECH conducts regular reviews and any material changes will be announced to the market accordingly. Prospective resources relating to the L7 and EP437 permits and farm-ins are included here as per Triangle Energy's public release on 12 April 2022. For the prospective resources (including) those potentially accessible through the Triangle farm-in, the estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
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Additional Disclaimer

Map not precisely to scale. Objects viewed on the left bit may appear a little smaller than they might really be.

Echelon Resources Limited (ASX:ECH)

Echelon talks to:

Our Rocks

Our Values

Our Role

Our Rocks

We are a science driven company

In geoscience, an 'echelon' refers to the repeated nature of features like sedimentary formations, mountain ranges and fault lines.

Our assets are in a range of jurisdictions with Australia dominating reserves.



Amadeus Basin

Northern Territory, Australia

Mereenie Echelon 42.5%, Cue Energy Resources 7.5%

Palm Valley Echelon 35% Cue Energy Resources 15%

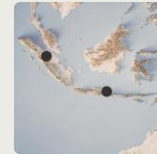
Dingo Echelon 35% Cue Energy Resources 15%

Perth Basin

Western Australia, Australia

L7 Echelon 25%, Strike 25%, Triangle 50%

EP437 Echelon 25%, Strike 25%, Triangle 50%



Sumatra

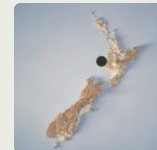
Indonesia

Mahato PSC Cue Energy Resources 11.25%

East Java

Indonesia

Sampang PSC Cue Energy Resources 15%



Offshore South Taranaki

New Zealand

Kupe Echelon 4%

Maari Cue Energy Resources 5%



Cue Energy Resources

(ASX: CUE)

Echelon 50.03%

Our Values

Clear Strategy

Regional focus

Markets with upside

Aligned with capabilities

Prudently managed finances

An efficient, cost-effective Wellington-based team

Trusted by our stakeholders for our decisions, support and advice



We spend efficiently on skills, tools and activity... not the view!

Our Role

‘Echelon’ in French means a rung in a ladder, in our case an energy ladder. Like the rungs on a ladder, energy needs to be cost effective, secure and reliable.

Energy systems bear the weight of

Our standard
of living

Our health,
wealth and
happiness

Our food
supply

Affordable, reliable energy bears the weight of our civilisation



Brewer Estate battery and gas fired power plant... enabling 43% solar in Alice Springs 50% by 2030

At a Glance



Financial Health: A Pillar of our Strategy

Operating cashflow up 11% to NZ\$36.1m

from \$32.5m in FY23

Net profit after tax \$3.9m

down from \$10.8m in FY23 due to an \$11.5m impairment of Kupe.

Total dividends of AUD 4.5 cents per share

Underlying NPAT
excluding Kupe impairment
was NZ\$15.4 million

up 43% from the previous year.

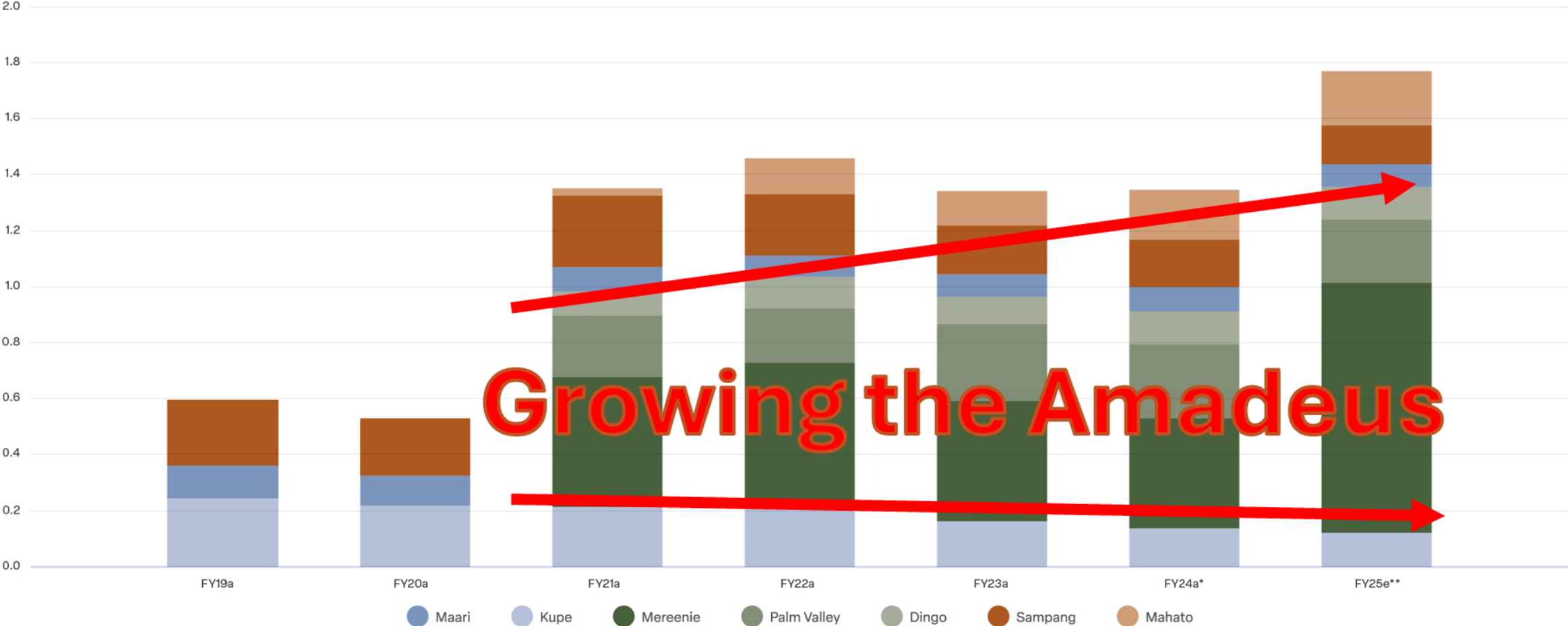
Profit of 1.7 cents per share

down from 3.0 cents per share in FY23

Production of 1.33 mmboe

same as FY23 net to Echelon, including Cue share

Net Echelon Production in mmboe

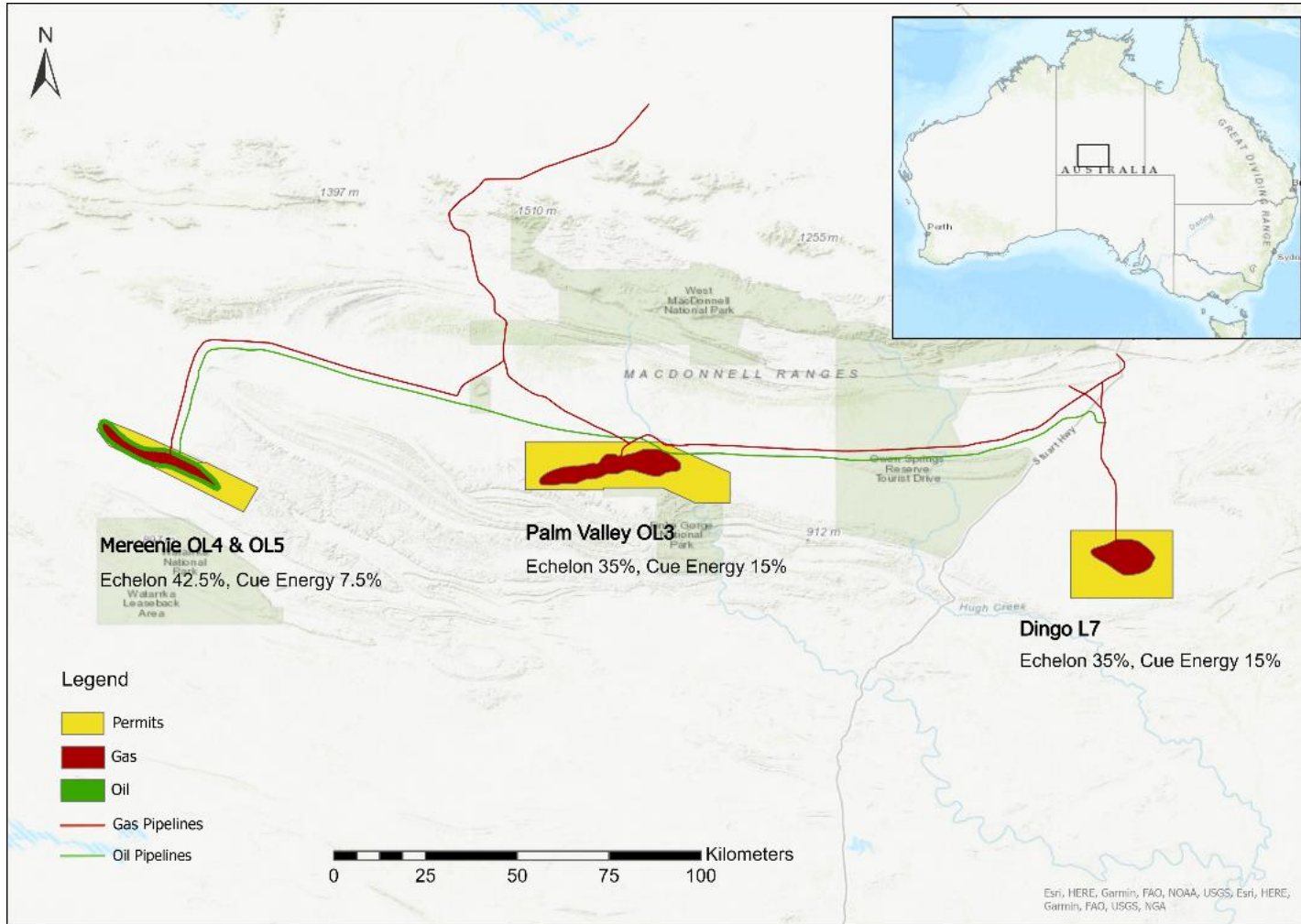


Growing the Amadeus

*Mereenie production is included as per our quarterly report, with a completion date of 1 June 2024 **FY25 production is a preliminary estimate and will be reviewed and updated as part of our annual reserves review process

Amadeus overview





Amadeus Basin

Mereenie Gas Field

- Discovered 1963
- Producing Oil since 1984
- Selling Gas since 2006
- Acreage of 281km² on two permits
- 71 existing wells
- Two production facilities
- **2 new wells planned for FY2025**

Palm Valley Gas Field

- Discovered 1965
- Australian well test record 137 mmscf/d (PV6A)
- Selling Gas since 2006
- Acreage of 616km²
- 10 existing wells
- Production facility
- **Planning underway for more wells**

Dingo Gas Field

- Acreage of 468km²
- Two existing wells
- Production facility
- Linked to local market

Why the Amadeus?

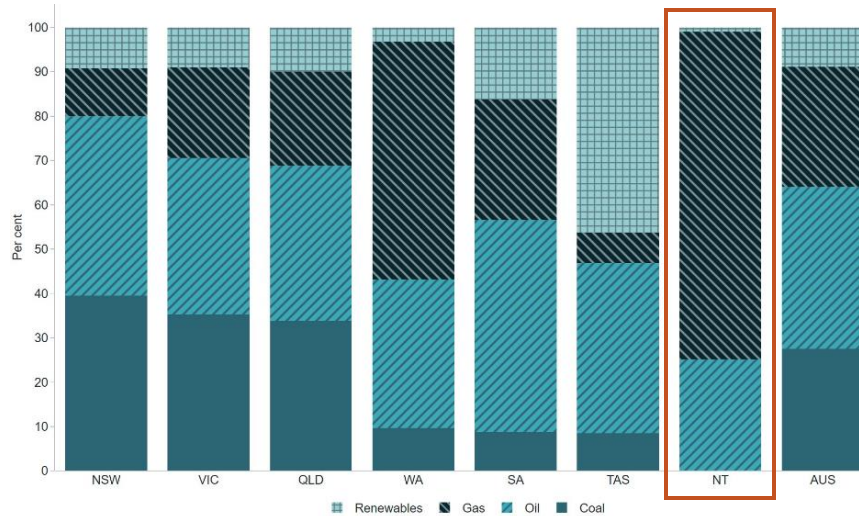


Demand for Amadeus gas

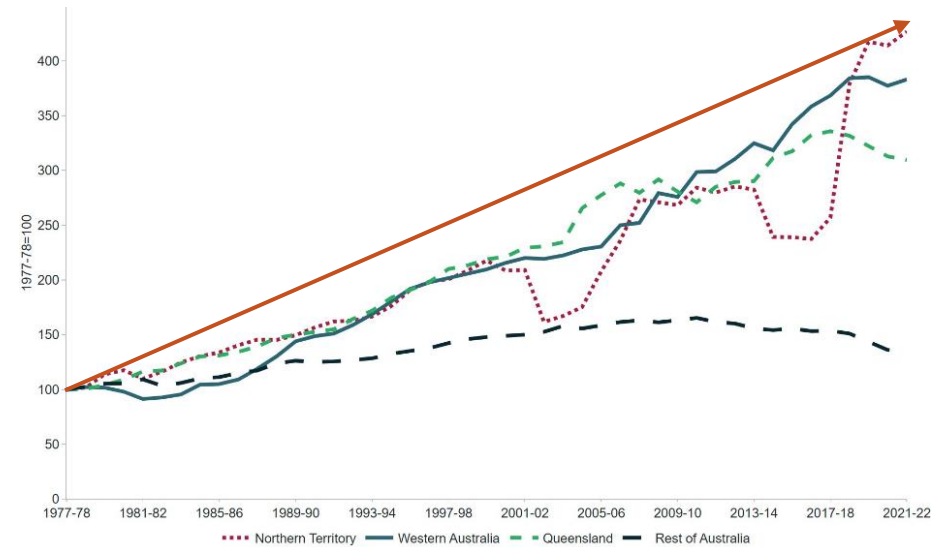
...Lots

Northern Territory is a growing gas market short of gas!

Australian energy mix, by state and territory, 2021–22



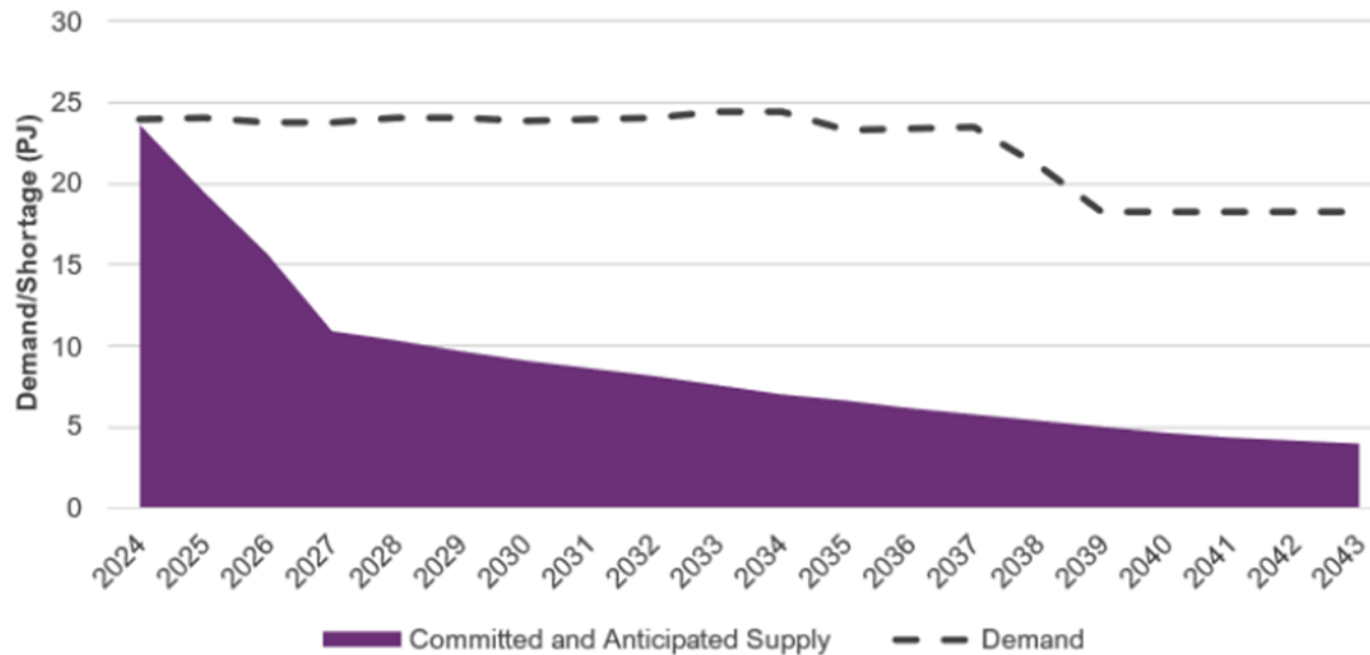
Australian energy consumption growth, selected states and territories



Source: DCCEEW (2023) Australian Energy Statistics, Table C

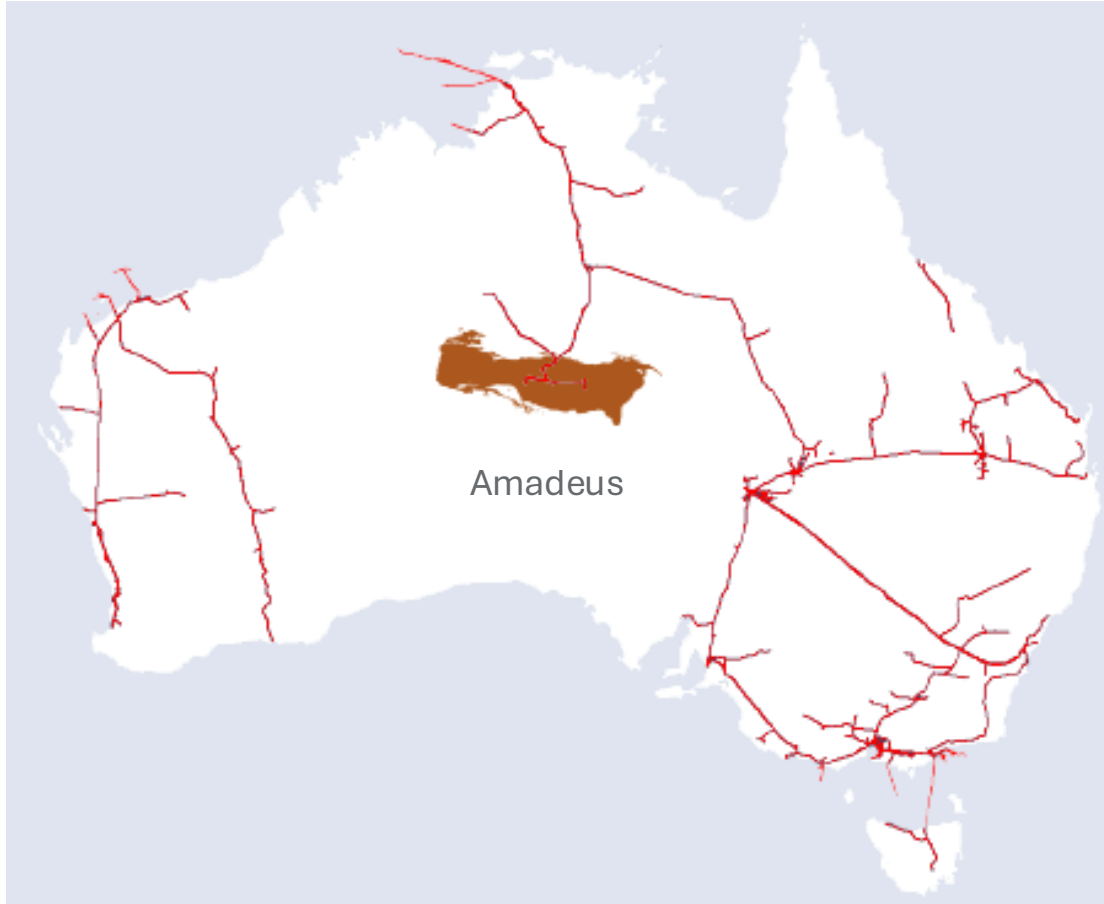
Northern Territory is a growing gas market short of gas!

Forecast Northern territory demand shortage

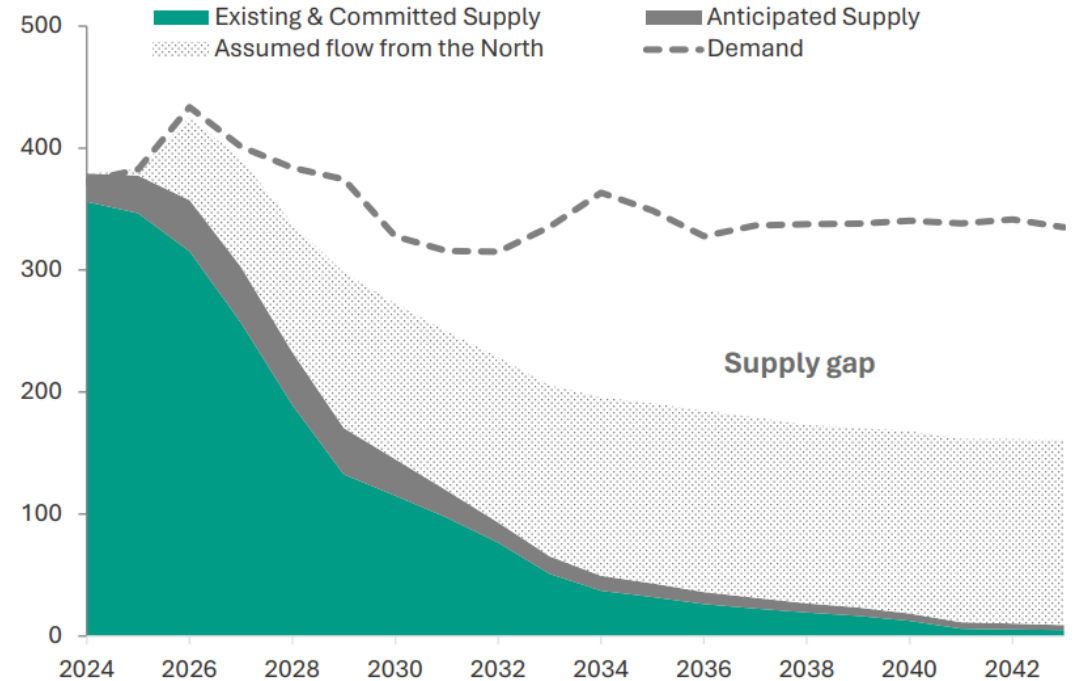


https://wa.aemo.com.au/-/media/files/gas/national_planning_and_forecasting/gsoo/2024/2024-gsoo-release-webinar.pdf?la=en

It's connected to the East Coast Market, also short of gas



Southern States supply gap, PJ/year

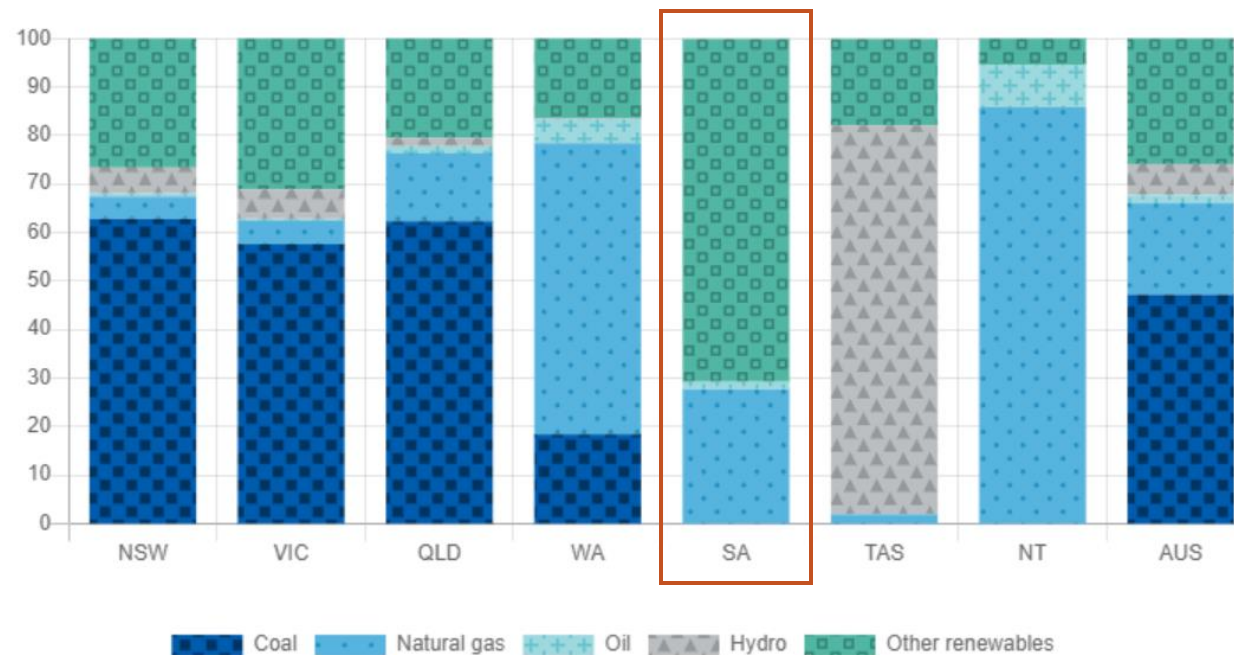


Graphic: Courtesy of Cooper Energy
Data: AEMO 2024 Gas Statement of Opportunity

Demand at the cutting edge

...Good for gas

South Australia is leading the onshore wind and solar charge in Australia

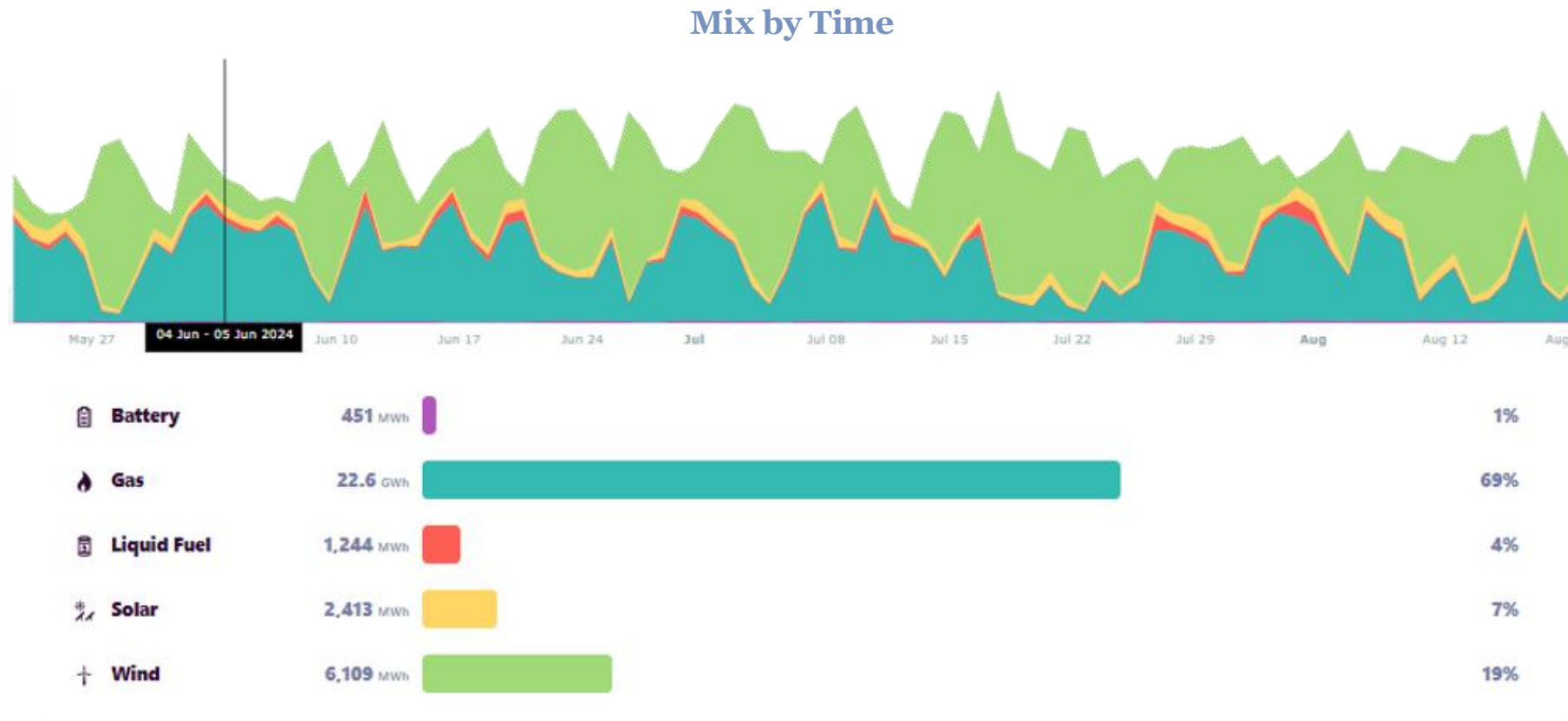


Source: Department of Climate Change, Energy, the Environment and Water (2023) Australian Energy Statistics, Table O

<https://www.energy.gov.au/energy-data/australian-energy-statistics/data-charts/australian-electricity-generation-fuel-mix-calendar-year-2022>

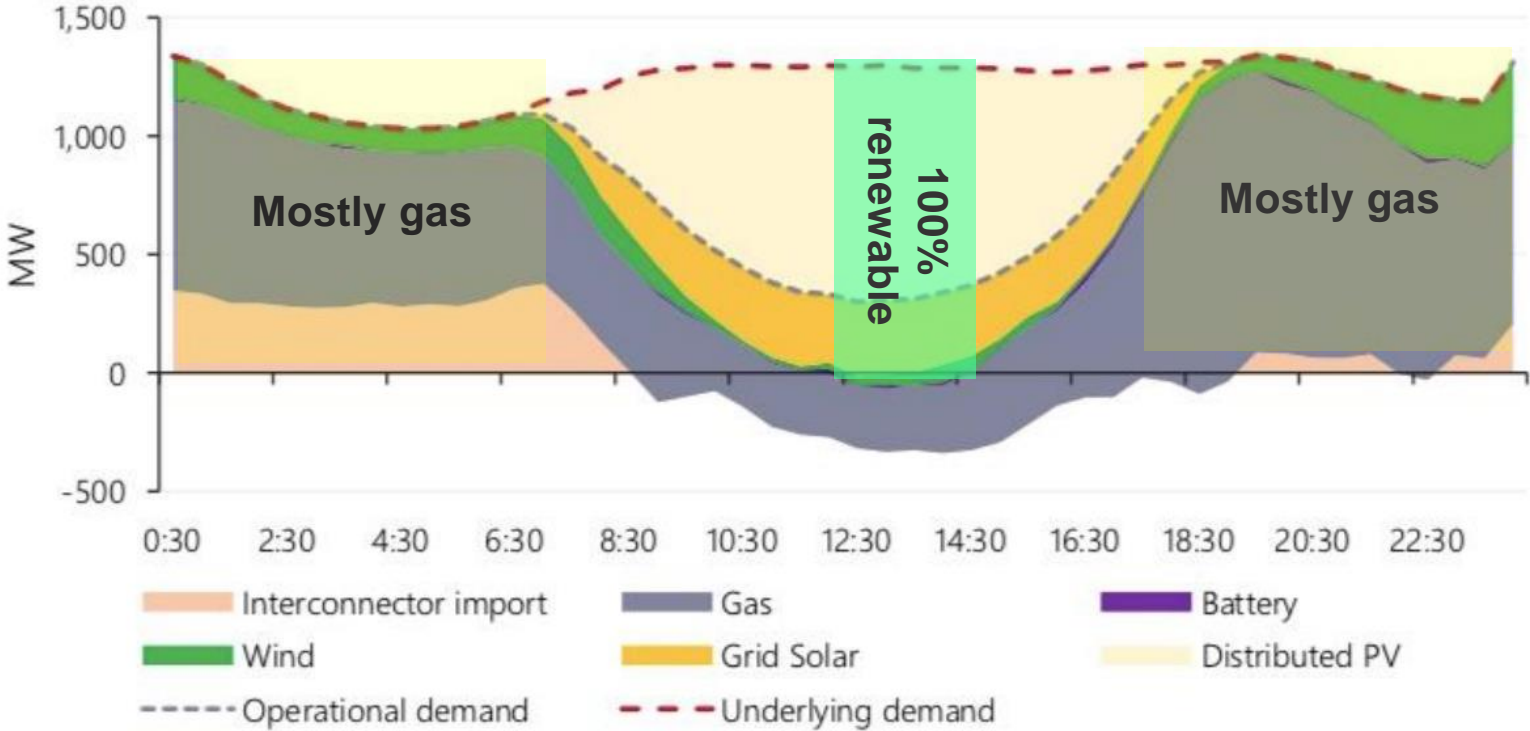
What about when the wind don't blow and the sun don't shine?

Even in South Australia, something else is needed to 'keep the lights on'



GAS is a Three Letter Word for TRANSITION

South Australia's first 100% renewable day 11 October 2020

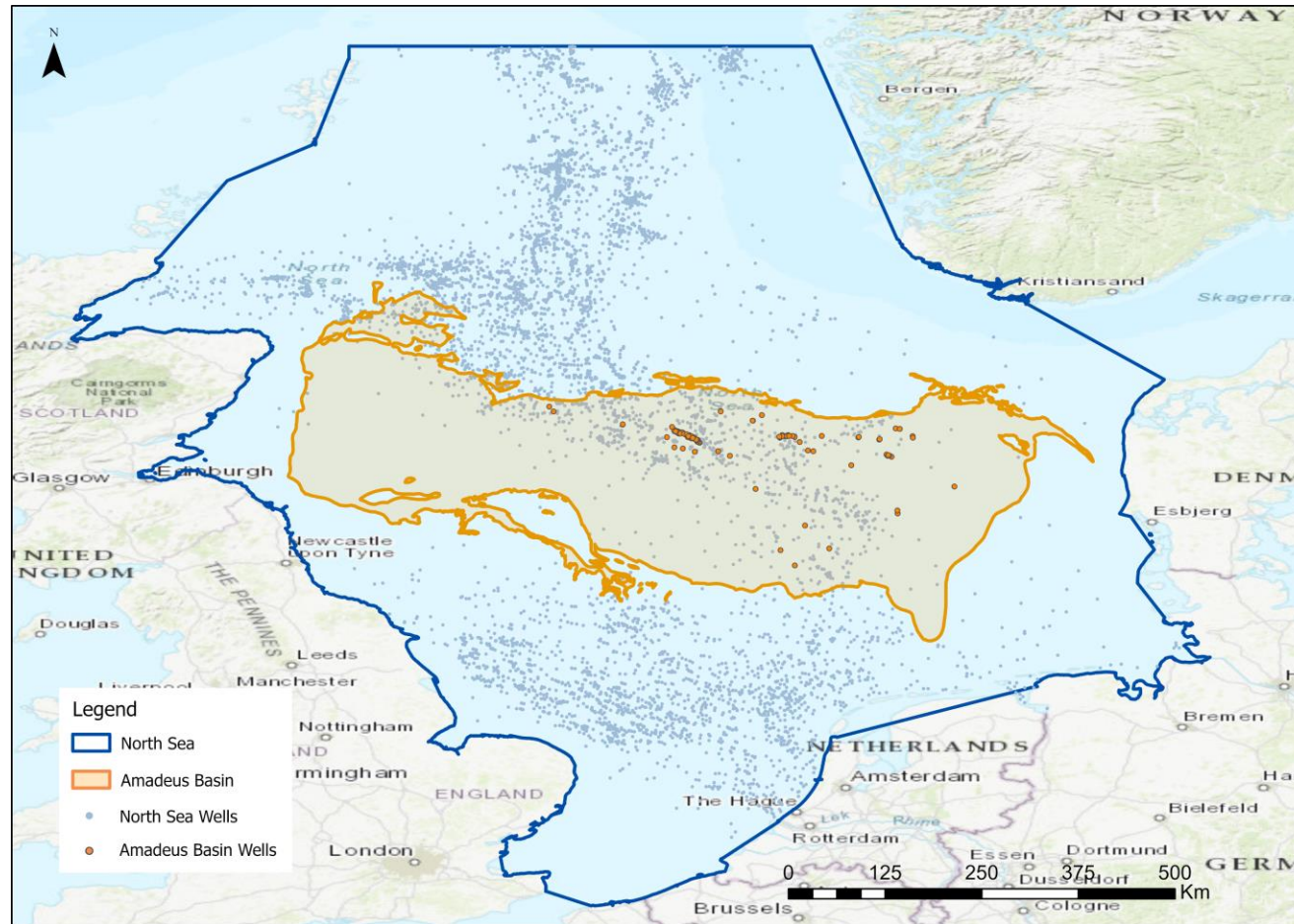


Data Source: AEMO
Graphic: IEEFA.ORG

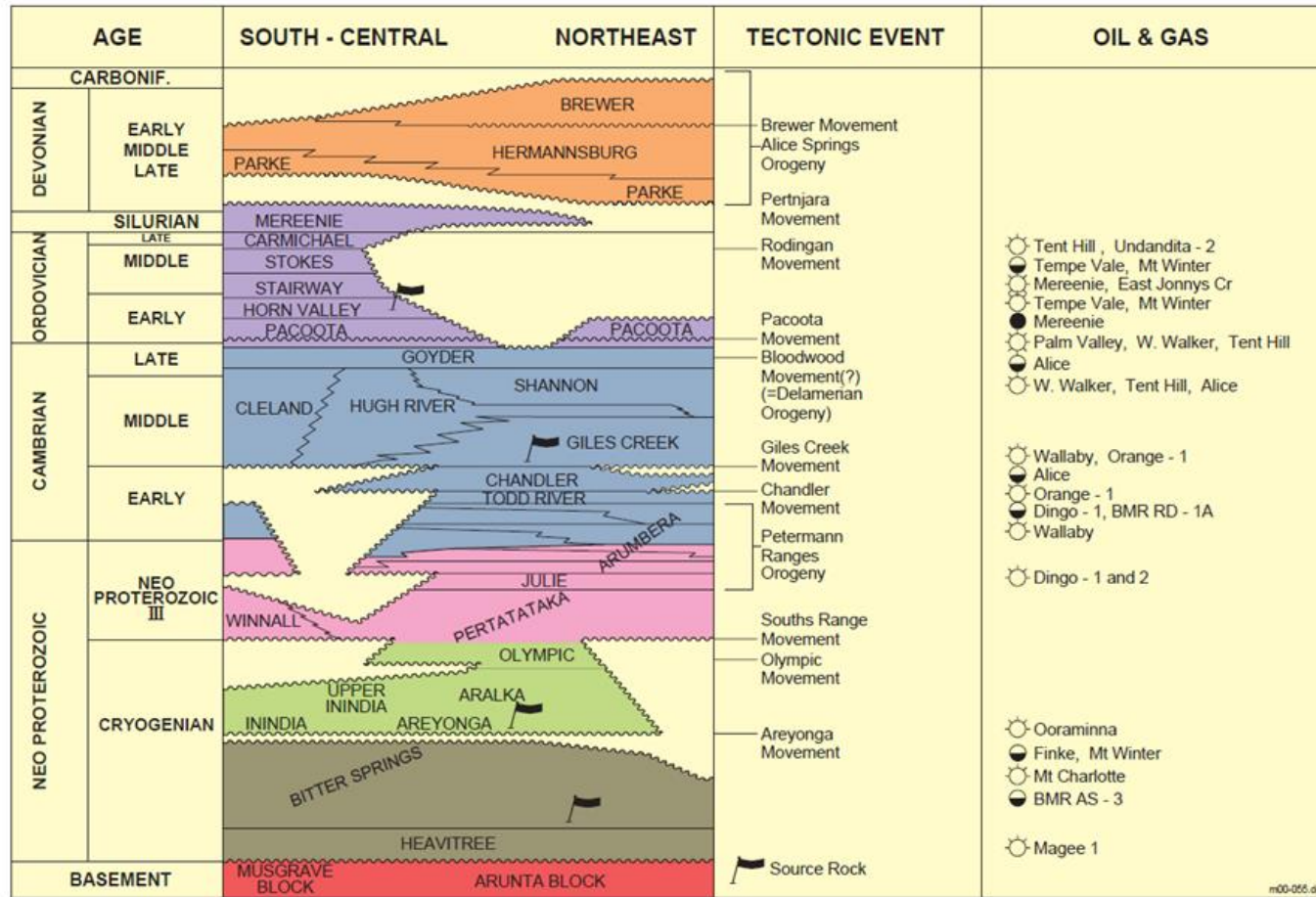
Amadeus potential

...Unrealised

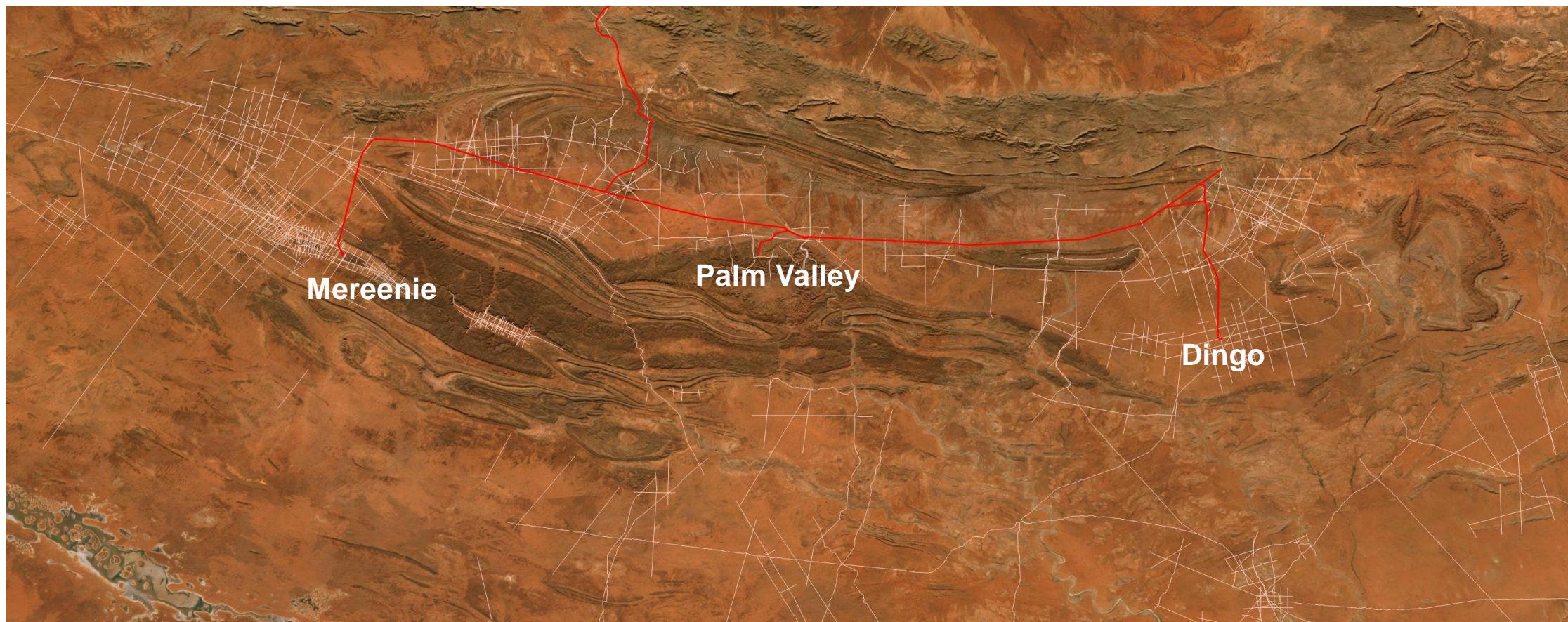
Amadeus, as big as the central North Sea



Where you find porosity, you find hydrocarbons (mostly gas)

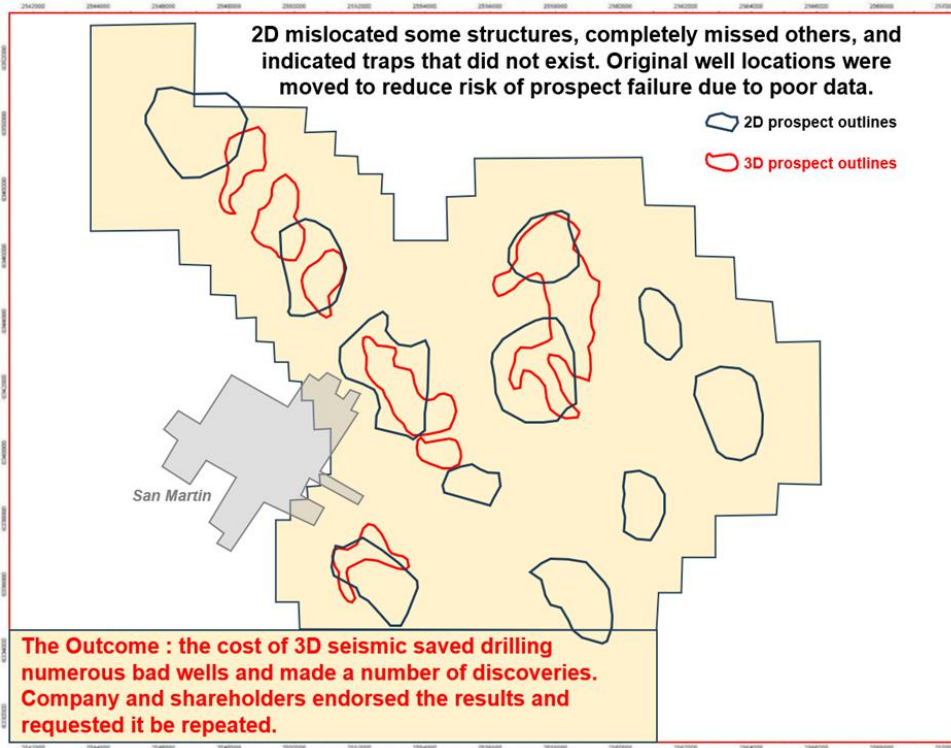


It's got 2D Seismic only

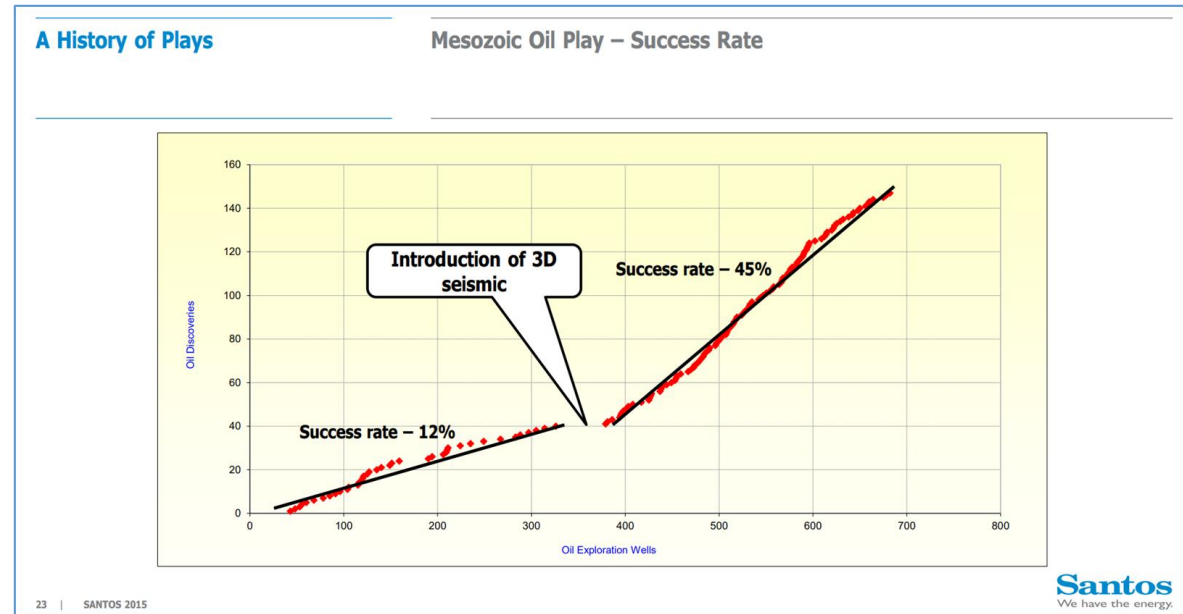


2D vs 3D why does it matter?

An Argentinian (Neuquén basin) example

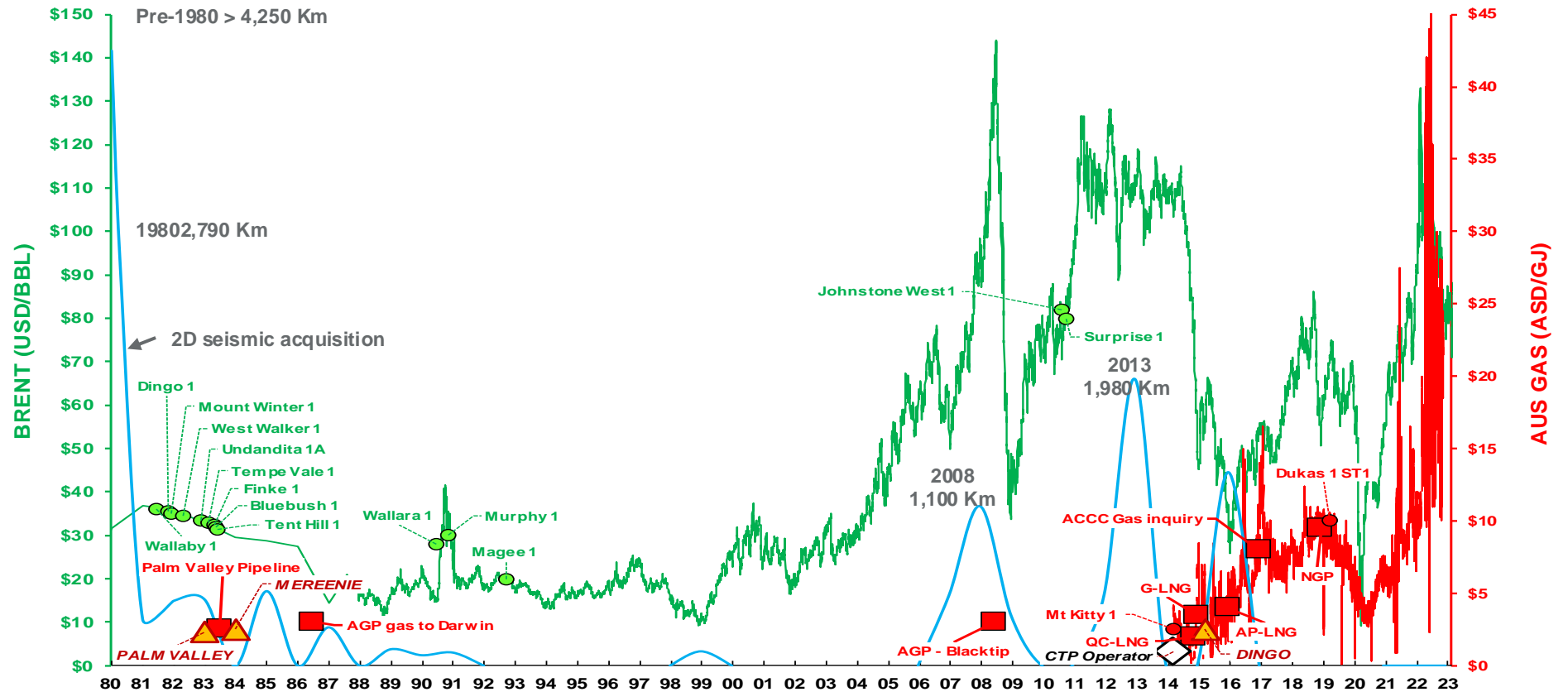


Australian Cooper basin example



Amadeus Basin history : 1980 - 2023

- Oil was targeted, gas was found
- The Amadeus has never had a dedicated gas exploration campaign
- Infrastructure exists, markets are improving
- Gas price is shining a torch on a forgotten basin
- The decade for new gas is now... 2020s



“We are building a great business by investing in producing oil and gas assets in our region, selling into healthy markets that have a demand for ethical production. The world needs our energy.

The time is right to invest in the growth of our producing assets.”

Andrew Jefferies

Chief Executive and Managing Director