



Bengal
ENERGY LTD

DEVELOPING STRANDED GAS ASSETS

QEC TECH SUMMIT

AUGUST 2022

BEA TECHNOLOGIES

BEA Technologies is the technology arm of Bengal Energy Ltd, a Toronto Stock Exchange (TSX: BNG) oil and gas producer with assets in Australia's Cooper Basin. We develop adjacent technologies that allow Bengal Energy to add value to its operations and the operations of its partners by creating innovative, technology-led solutions.



BEA

technologies

Our core purpose is to deliver project profitability and maximise the return on investment.

We believe in the power of applying technology to deliver production in safer, more sustainable and more efficient ways. We take pride in leveraging our Canadian roots and Australian proficiency in remote operations.



DIGITAL MINING DONGAS (DMD)

BEA Technologies monetise gas assets without the need for permanent infrastructure.



01. GAS AWAITING
INFRASTRUCTURE CONNECTION

02. GAS THAT WOULD NORMALLY BE
FLARED OR VENTED

03. GAS CONSIDERED UNECONOMIC
DUE TO ITS POOL SIZE

DIGITAL MINING DONGAS

Turn gas into electricity to power data centre services for cryptocurrency and blockchain users



01

Scalable

Connect to networks via satellite



02

Flexible

House different servers to mine cryptocurrency



03

Relocatable

After infrastructure connection made or gas reserves have depleted



04

Self-sustaining

Able to produce without existing infrastructure in remote locations

UNLOCKING STRANDED GAS IN AUSTRALIA'S COOPER BASIN



TOP-TIER JURISDICTION

Production, development and exploration assets in Australia's Cooper Basin, a world-class hydrocarbon jurisdiction – favourable royalty and tax jurisdiction.

REMOTE LOCATION, COMPETITIVELY PRICED

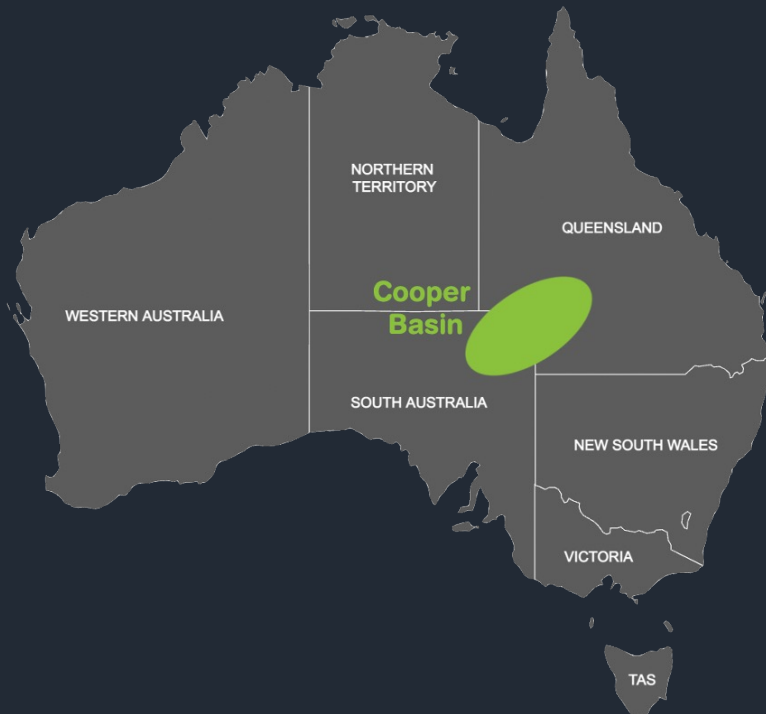
Despite its remote location, the competition is against rising energy prices in North America. It is still profitable to mine bitcoin.

CRYSTALISING A STRANDED RESOURCE

Producing stranded gas allows resources to be converted to reserves, generate royalties from hydrocarbons that would normally be wasted (flared) or not produced

POSITIVE IMPACT ON THE COMMUNITY

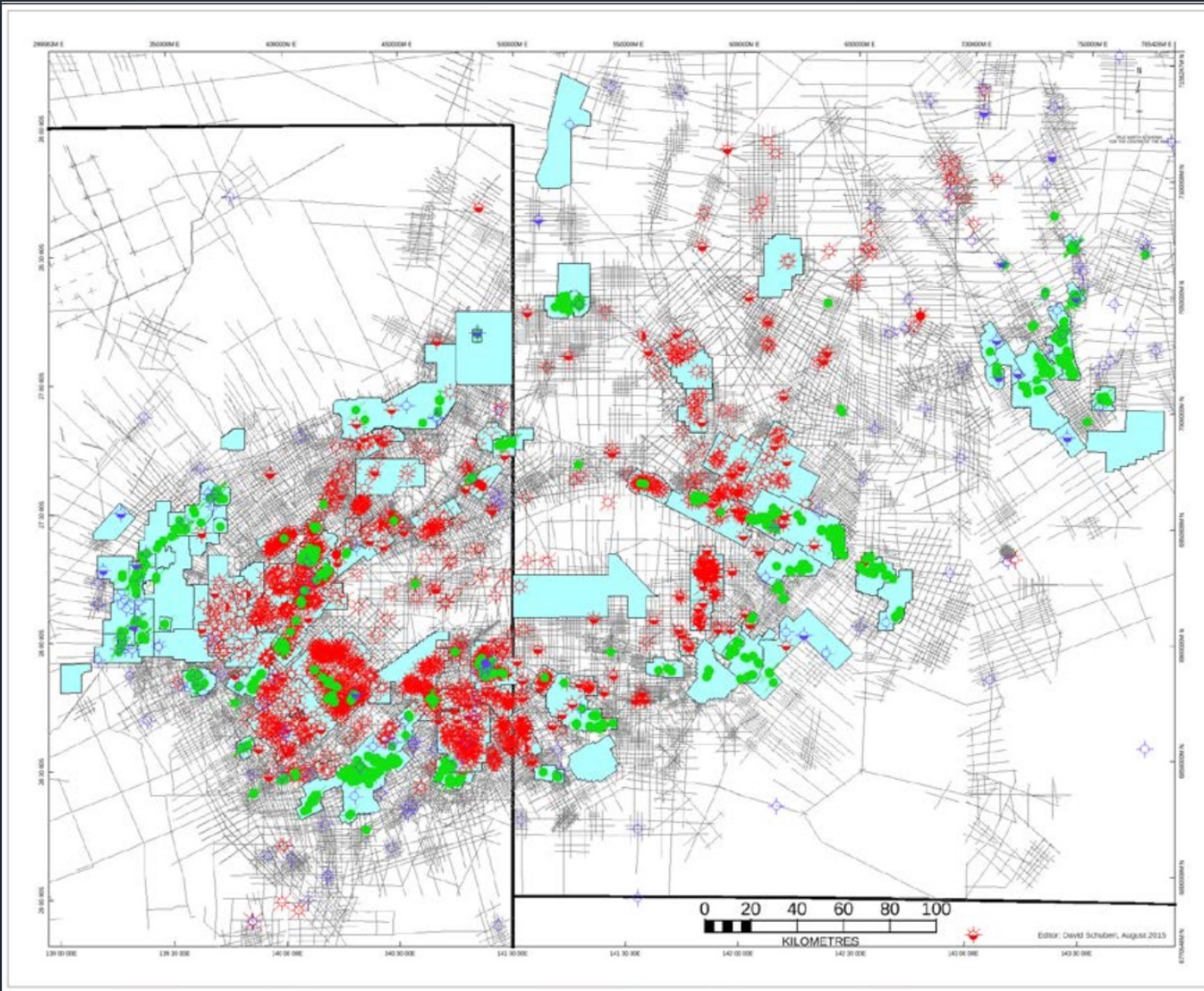
Bringing technology, connectivity and investment to remote corners of the country



Cooper Basin Overview

Cased and suspended wellstock

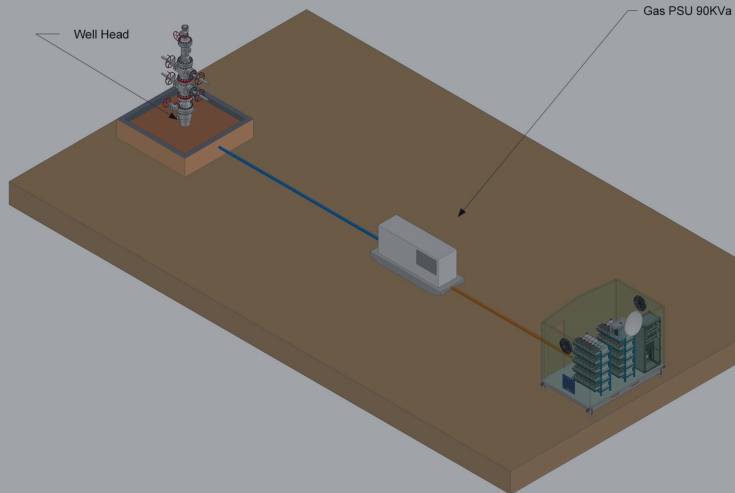
- SA higher well density than QLD
- Depleted and unconnected wellstock present opportunity across the basin
- Decouple pricing from transportation network
- Generate additional revenues, recognize reserves and bring investment to remote areas



Santos 2015, Steve Mackie, PESA Exploration and Development of Cooper and Eromanga Basin

TECHNOLOGY VALUE CHAIN

Gas to Power to Computations connected to Internet



Suitable for current well pads 100 x 100m



Connection via mobile or satellite

OPPORTUNITY CHARACTERISATION

Bengal Energy has a number of opportunities in its portfolio to scale the DMD



Five wells that need new pipeline connections

Approximately 3 years from planning to start up

Channel Country –
Environmental Impact
Reduction

10 – 15+ MWh capacity

Providing datacentre
services to cryptominers

CONCLUSIONS



Stranded and waste gas provides a significant market opportunity



Australia well placed to take advantage of rising energy trends by offering competitively priced power



Bringing technology, investment and jobs to regional Queensland



**THANK
YOU**