



**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

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**02.** GAS THAT WOULD NORMALLY BE  
FLARED OR VENTED

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**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



**Scalable**

Connect to networks via satellite



**Flexible**

House different servers to mine cryptocurrency



**Relocatable**

After infrastructure connection made or gas reserves have depleted



**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

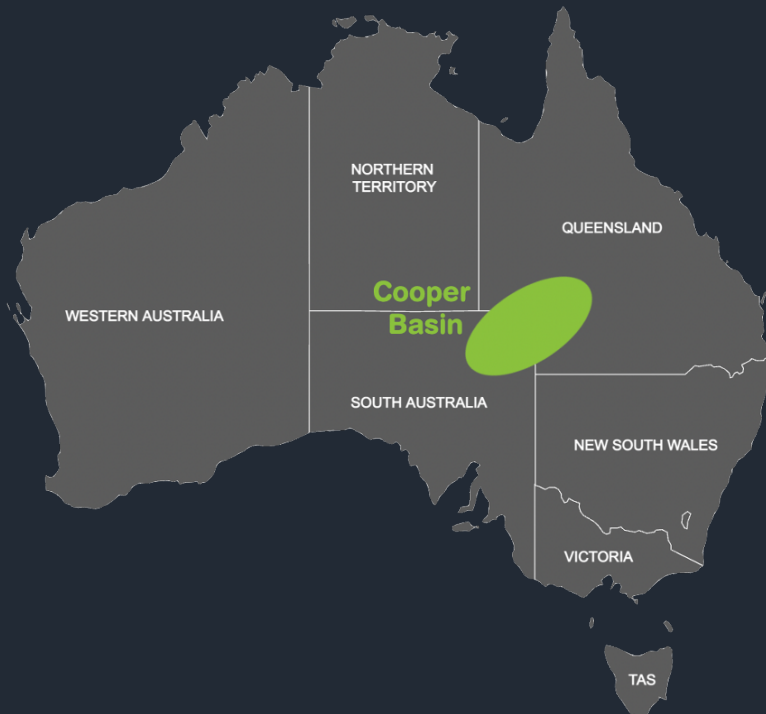
Despite its remote location, the competition is against rising energy prices in North America. It is still profitable to mine bitcoin.

### 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

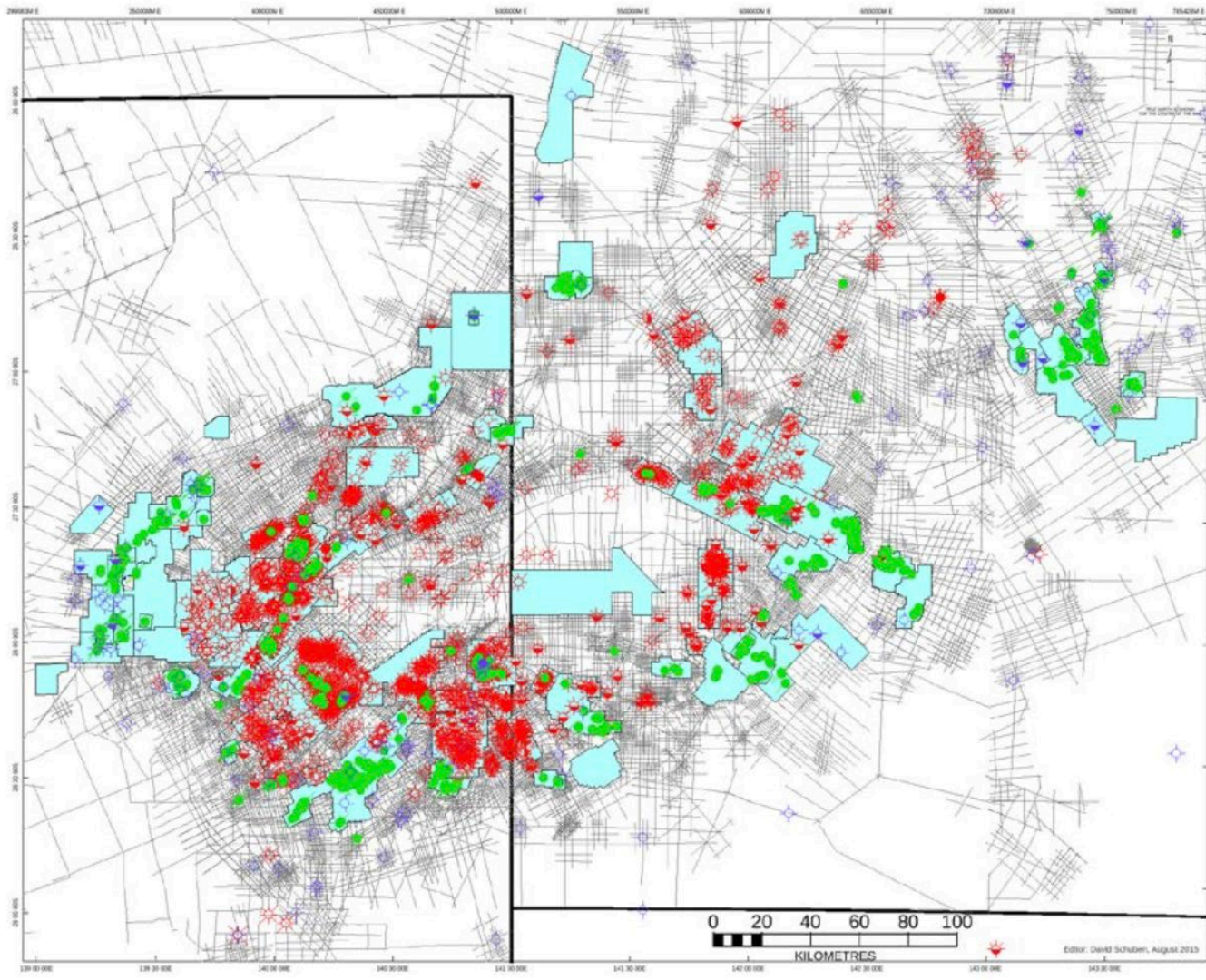




# Cooper Basin Overview

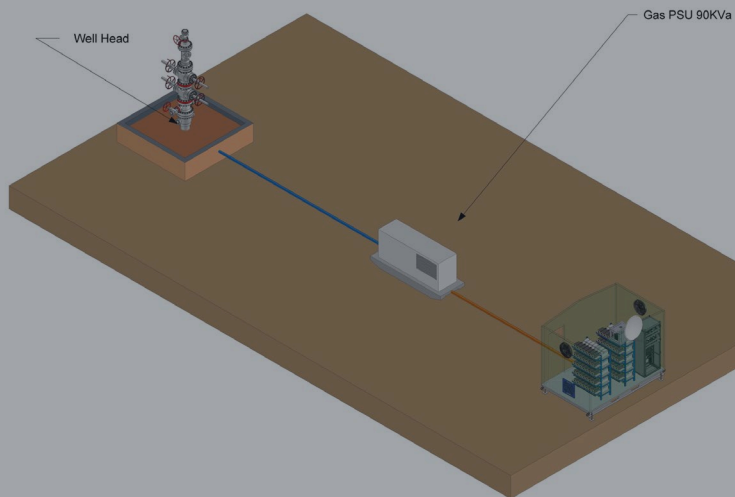
## Cased and suspended wellstock

- 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



# 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