

BENGAL ENERGY

CASE STUDY: REDUCING OUR CARBON FOOTPRINT GREEN HYDROGEN AND CARBON FARMING

Bengal Energy prioritises its responsibility to reduce its carbon footprint through sustainable risk management practices and diversification. In diversifying its portfolio, Bengal has approached renewable energy initiatives that are closely related to its expertise in oil and gas exploration with clean, reliable and affordable energy investments.

One of these initiatives is generating green hydrogen from produced water. With what would otherwise be considered a waste product, Bengal uses produced water from the extraction of oil and natural gas to generate green hydrogen, which reduces the need for diesel generators and plays a vital role in the decarbonisation of the energy industry as the world switches to electric power. Bengal uses this energy to electrify oil and gas well sites, as well as powering crypto miners through its Early Gas Production System.

Green hydrogen from produced water allows Bengal Energy to:

- Reduce its carbon footprint
- Support Australia's needs for affordable, clean and reliable energy
- Improve returns from upstream oil and gas operations
- Future-proof itself with meaningful carbon reduction and meeting emissions targets

Carbon farming has also become an initiative of Bengal to offset carbon sourcing options. Bengal has partnered with project developers to develop carbon offset projects in efforts to reduce its emissions footprint and compensate emissions along its value chain. Its efforts to optimise carbon offsets is used as a financial tool to generate value and capture market differentials and create flexibility in its carbon management plans and potentially establish a competitive advantage.

Carbon farming as an economic driver allows Bengal Energy to:

- Create value adding diversified income stream for landholders
- Lower the company's carbon footprint and offset emissions through creating more biomass
- Lower operational costs
- Secure long-term carbon credits
- Implement carbon projects beneficial to Australia's energy sector

Bengal Energy recognises decarbonisation as a critical medium for the energy sector, and by investing in the efficient production of green hydrogen and carbon farming with industry partners, Bengal is safeguarding Australia's future energy self-reliance.



WHO WE ARE

Bengal Energy is a rapidly growing oil and gas exploration company with a portfolio of high potential impact projects in Australia's Cooper Basin. It is listed on the TSX (BNG) and is headquartered in Calgary, CAN with an operational office in Brisbane, AUS.

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