

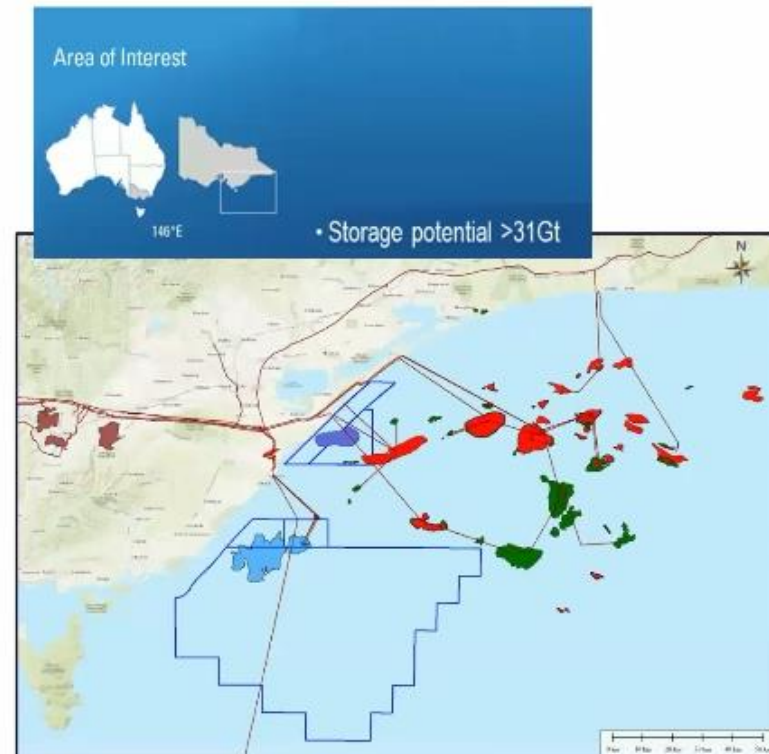
# CarbonNet Project Introduction



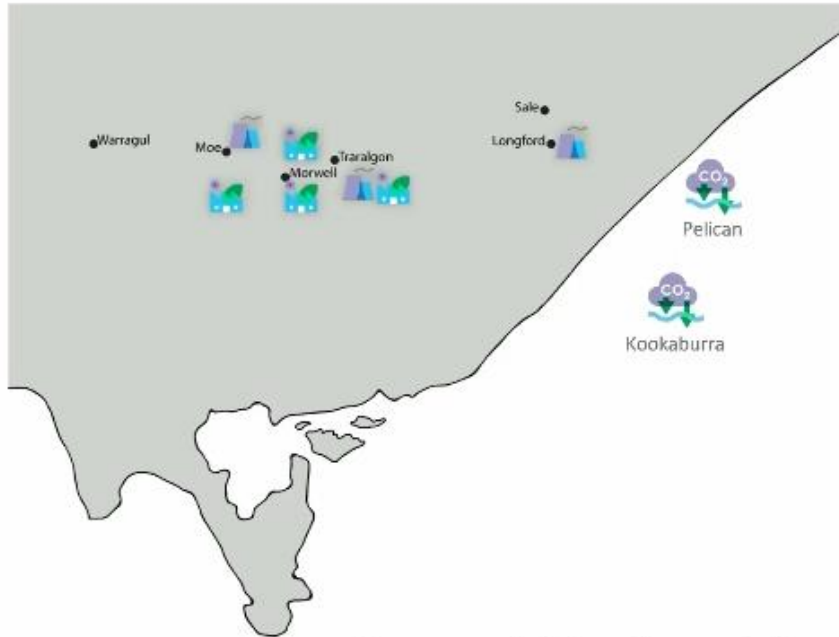
- Investigating the feasibility for a commercial-scale, multi-user CCS network in Gippsland, Victoria, Australia
- Jointly funded by the Australian and Victorian Governments
- Significant research investment to support CarbonNet
- CO2CRC is CarbonNet's lead research partner
- Knowledge sharing via GCCSI
- Working collaboratively with industry to secure customers and investors in a **CCS service**

## Location, Location, Location

- World class petroleum basin
- Proximity to industrial hubs
- Highly skilled workforce



# The future vision



## Existing industry:

- Fossil Fuel Power Generation
- Natural Gas Processing
- Paper production



## Emerging industry:

- Hydrogen production
- Fertilizer production
- Direct Air Capture
- BioEnergy + CCS



## Successful implementation of this project will;

- safeguard existing jobs
- introduce new industries such as hydrogen, fertiliser and bioenergy
- capitalise on existing skill set of local workforce
- new employment opportunities in regional Victoria



## What a difference a year makes!

CarbonNet has seen a year of significant progress;

- Conducted major offshore appraisal activities on Pelican
- Pelican Declaration Of Storage international peer review
- Industry engagement via Request For Industry Submission
- Widespread public, industry & government engagement activities
- Legislative changes and policy announcements directly supporting hydrogen and Carbon Capture & Storage





## Pelican site appraisal well drilling

- Data gathering wellbore
- Location optimised, using 2018 3D seismic survey
- TD 1423m TVDSS, into the storage reservoir
- Stratigraphy as predicted
- Reservoirs better than predicted
- Extensive formation evaluation program
  - Wireline logging
  - Coring
  - Injection Test
- Confirmed injection capable of 5million tonnes CO<sub>2</sub> per year

Image Credits: CarbonNet/Robert Garvey



A huge 150-metre-tall rig off the Victorian coast is drilling for rock to help combat climate change. The CarbonNet Project is exploring whether emissions could be commercially stored inside sandstone buried deep on the ocean floor. | [@SimoLove](#) [@JaclynSymes](#)  
[@VicGovDJPR](#)

# Media & Community Engagement







## Request for Industry Submissions



**Treasurer and Minister for Economic Development - Tim Pallas**

*"A commercial scale CCS solution will be a critical economic and environmental asset as Victoria moves to decarbonise..."*



**Minister for Resources and Regional Development – Jaclyn Symes**

*"CCS and CarbonNet....present a tangible opportunity for Victoria to establish new industries that can support the decarbonisation of our economy.."*



## Technology Investment Roadmap



**Minister for Energy and Emission Reductions – Angus Taylor**

*"The Government expects to invest more than \$18 billion in low emissions technologies over the decade to 2030, in order to drive at least \$50 billion of new investment over the next ten years."*

Prioritised technologies include clean hydrogen and CCS



# Thank you



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Subscribe to our e-newsletter:

[www.resources.vic.gov.au/carbonnet](http://www.resources.vic.gov.au/carbonnet)

CarbonNet are keen to hear from all  
interested parties in furthering the  
commercial development of the project

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Operations Director, CarbonNet

Thanks to our valued partners:

