

The CarbonNet Project



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Carbon Sequestration Leadership Forum

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**DEPARTMENT OF
PRIMARY INDUSTRIES**

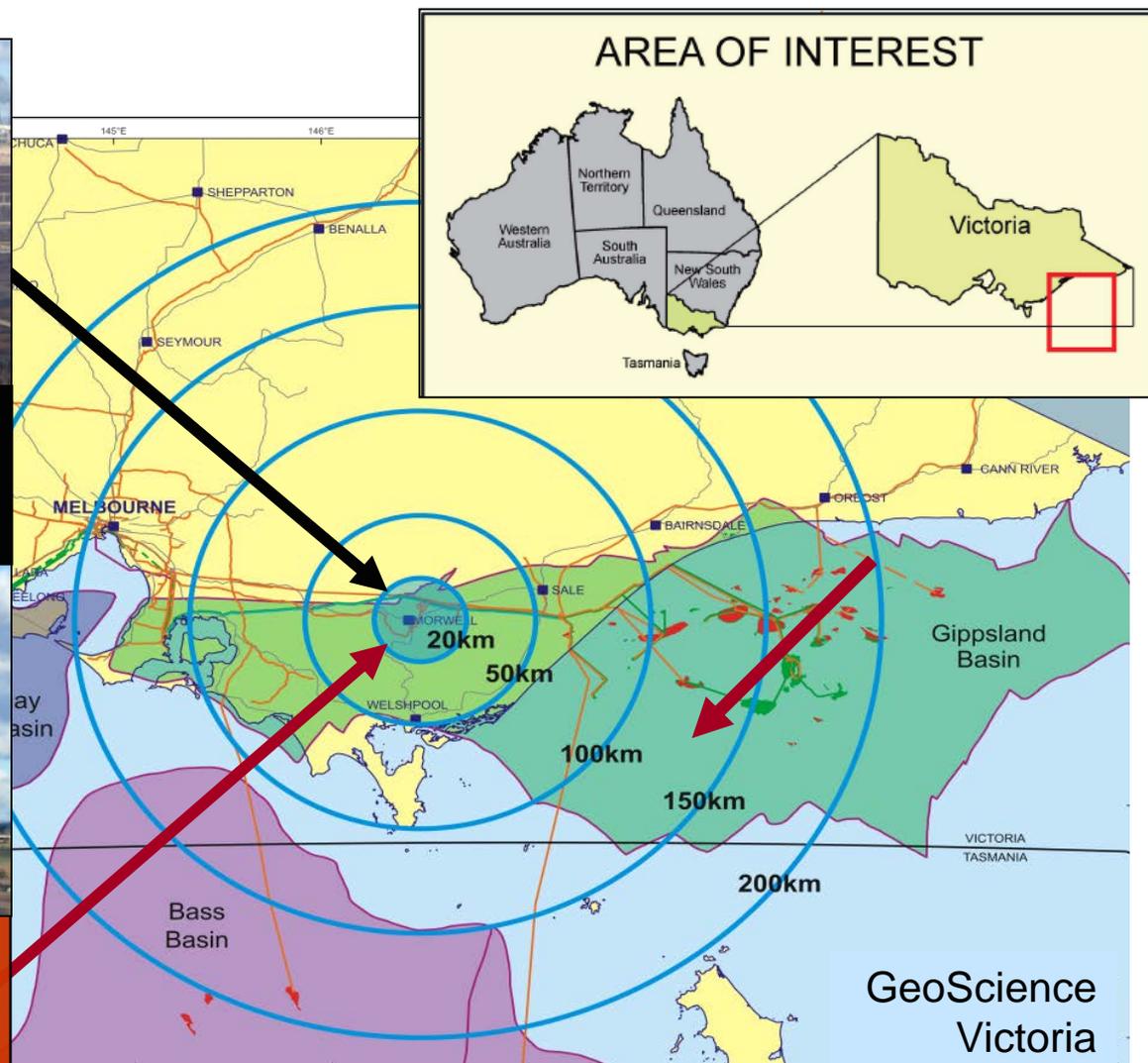
Why CCS in Gippsland?



Latrobe Valley Brown Coal
10's of billions of tonnes
500 years+ Electricity Supply

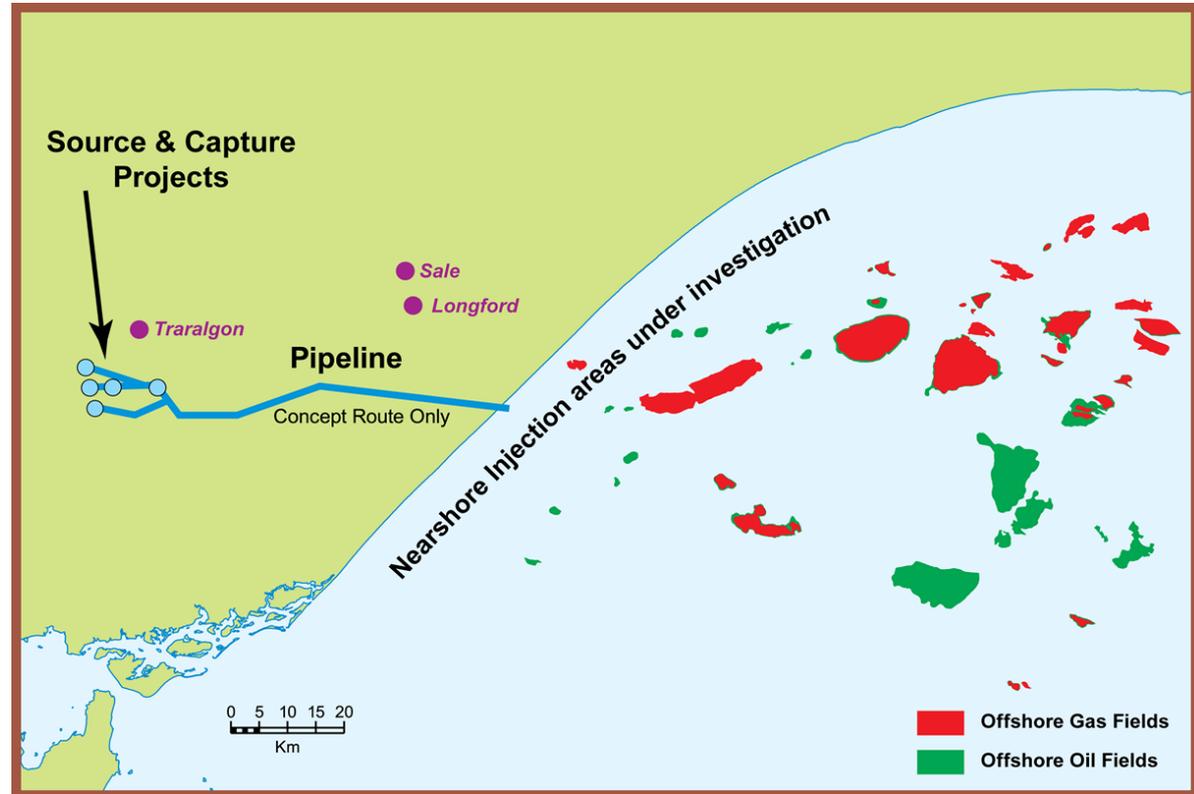


Some of Australia's highest emitting power stations
60 Mtpa CO₂



Large-scale, multi-user CCS network

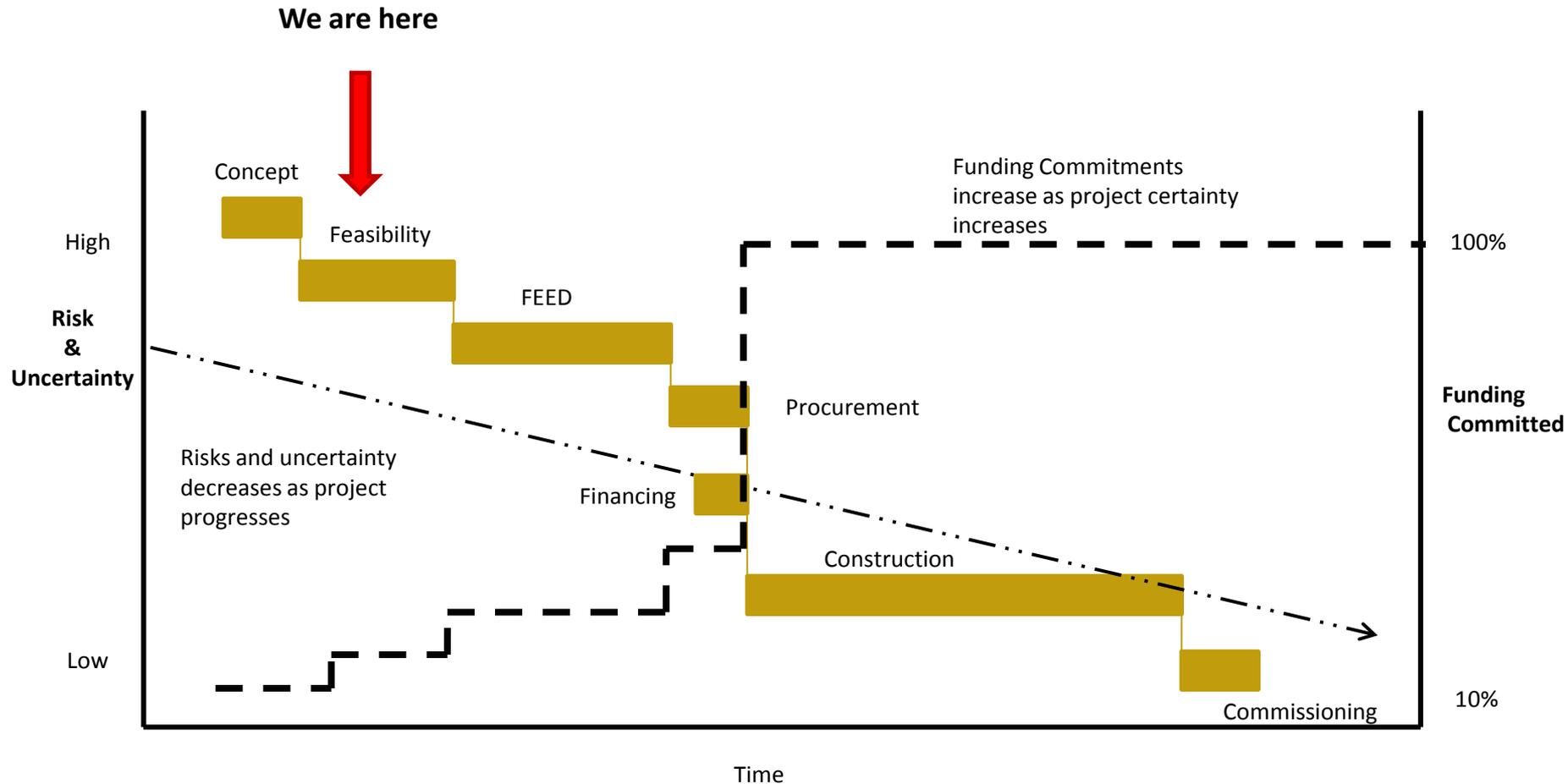
The CarbonNet Project is investigating the potential for a large scale, multi-user carbon capture and storage (CCS) network in Victoria's Gippsland region



CarbonNet Strategy

- Government/private sector approach in early stages
- Accelerate work program on storage
- Portfolio approach to both source and capture projects and selection of the foundation storage site
- Early consideration of a business model
- Early consideration of regulatory requirements
- Build community trust and knowledge
- Build the best core team possible and augment with expert service providers

A gated approach

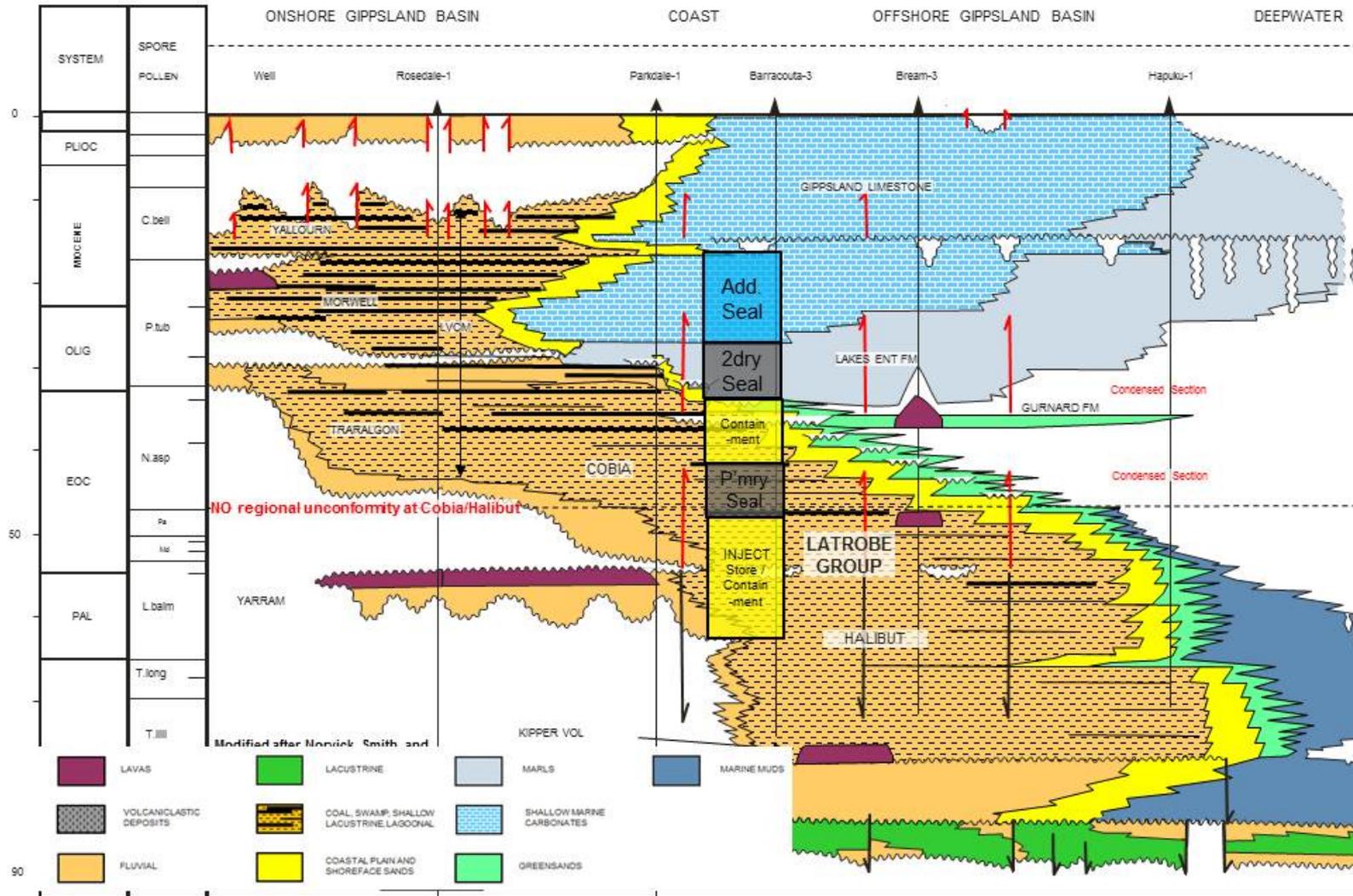


The Challenge

CarbonNet is focused on addressing the five key challenges to enable CCS deployment:

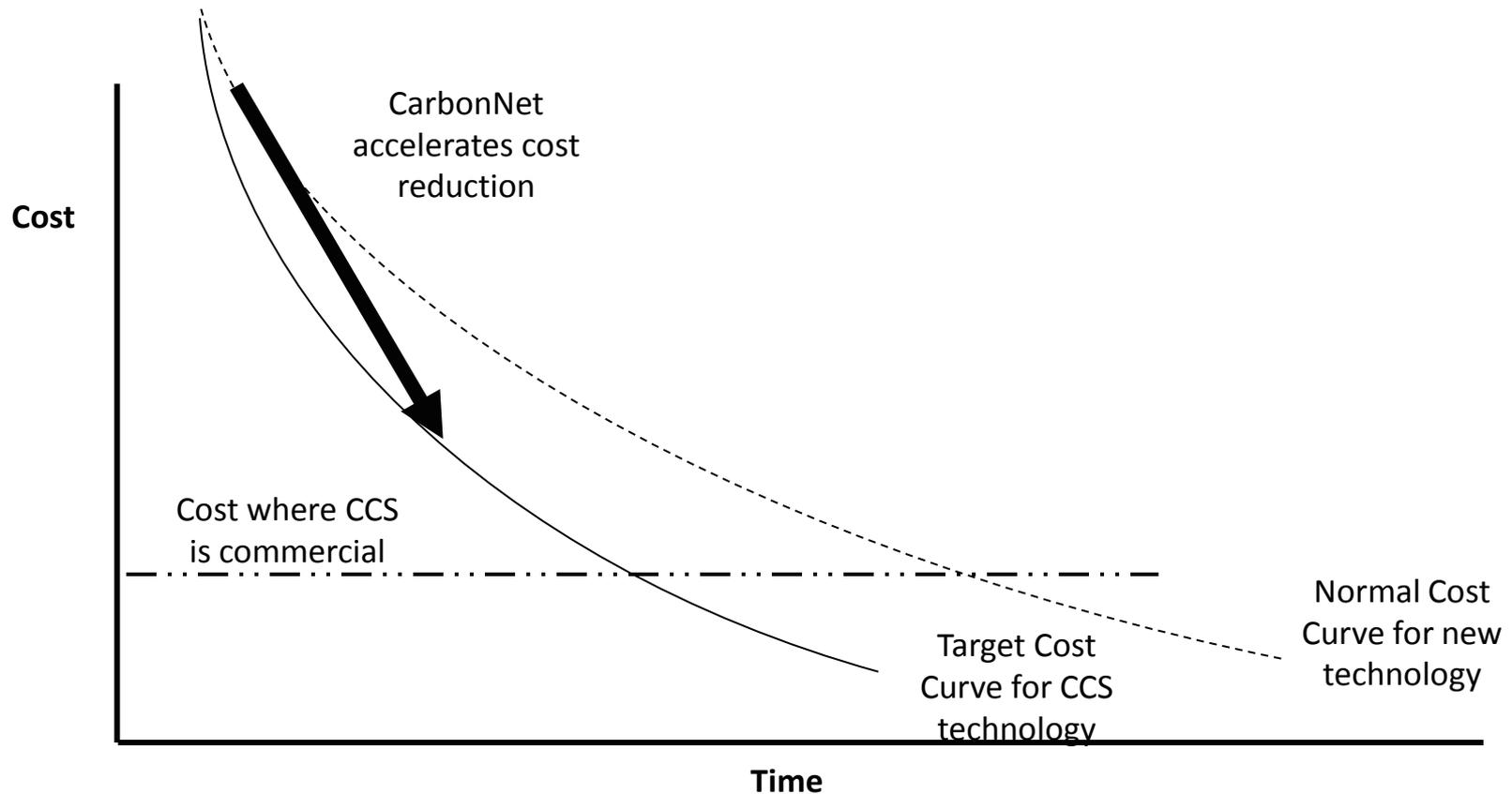
- Storage certainty
- Technology integration
- Regulatory requirements
- Commercial viability
- Public perception

Storage



Business model

- CarbonNet will contribute to the achievement of the global goal of accelerating the commercial deployment of CCS.



CarbonNet – what's next?

Key activities over the next two years include:

- Conducting detailed assessments of the short-listed potential storage sites to determine the optimum location for the safe, long-term storage of CO₂
- Investigating potential carbon capture plants and transport pipeline routes
- Define the commercial structure and underlying principles to attract private sector investment
- Completing detailed analysis of the potential impacts on the Latrobe Valley of possible future changes to the energy industry
- Increasing community and stakeholder engagement

The CarbonNet Project

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