

The ExxonMobil logo is positioned in the upper right quadrant of the slide. It features the word "Exxon" in a red, sans-serif font with a stylized "X", and the word "Mobil" in a blue, sans-serif font. The background of the entire slide is a vibrant blue sky filled with fluffy white clouds. On the left side, there are several curved, multi-colored light trails in shades of blue, green, and red, suggesting motion or energy.

South East Australia
Carbon Capture and Storage
(SEA CSS) Project

About the Project

Esso Australia Resources Pty Ltd (Esso Australia), together with its co-venturer, BHP Petroleum (Bass Strait) Pty Ltd (a Woodside Energy company), is undertaking early front-end engineering design (pre-FEED) studies to determine the potential for carbon capture and storage to reduce greenhouse gas emissions from multiple industries in the Gippsland Basin.

Carbon capture and storage is the process of capturing CO₂ emissions from industrial activity or power plants at the source and injecting it into deep underground geologic formations for safe, secure and permanent storage.

It is among the few proven technologies that could enable reduced CO₂ emissions from high-emitting and hard-to-decarbonise sectors, such as power generation and heavy industries, including manufacturing, refining and petrochemicals.

Acknowledgement of traditional owners



Esso Australia acknowledges the Traditional Custodians of Country, the Gunaikurnai Peoples, and the land upon which the SEA CCS Project will be located.

We recognise the Gunaikurnai Peoples' continuing connection to land, sea, culture and community, and pay our respects to Elders past and present.



Key benefits

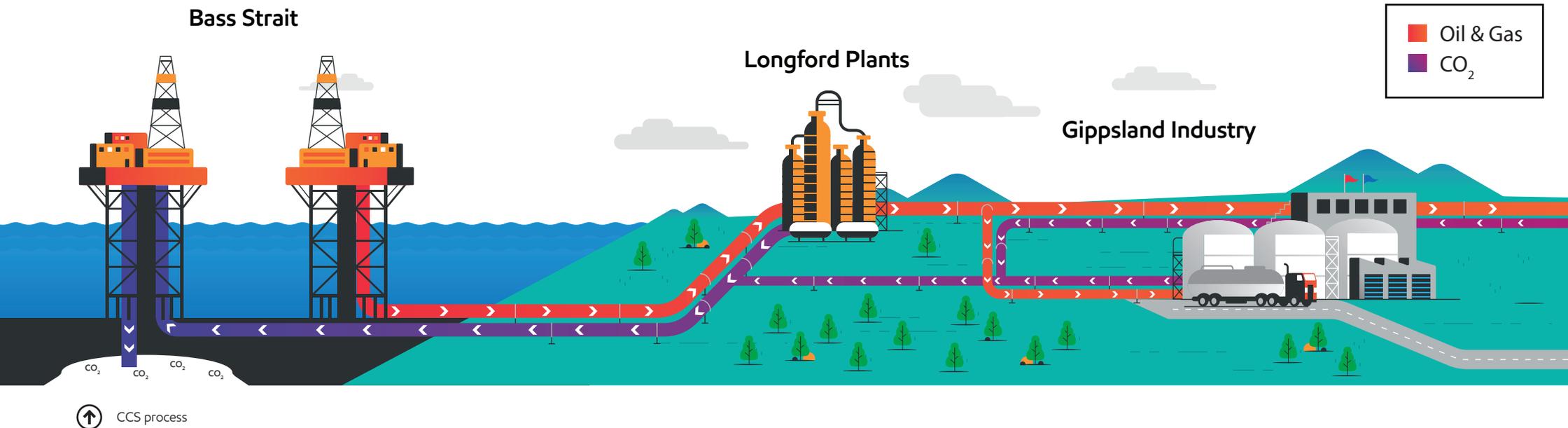
The initial phases of the SEA CCS Project will take CO₂ from the Longford Gas Plants to the Bream A platform, where it will be permanently injected into the Bream reservoir.

It has the potential to capture up to two million metric tonnes of CO₂ – that’s equivalent to taking almost half a million cars off the road for every year of operation.

Collaboration with other industries is an important step to unlock future carbon capture and storage opportunities for Australia, with the potential for large-scale reductions in the highest emitting industrial sectors. We are in active discussions with local industries that may be interested in accessing the SEA CCS hub to reduce emissions from their operations.

TIMELINE

The Project timeline depends on a number of factors including regulatory approvals, stakeholder agreements, engineering design, procurement processes and Project execution. If the Project is approved, construction and commissioning of the pipeline would take place sometime in 2024 to 2025.



Project infrastructure

The SEA CCS hub would initially use existing infrastructure to store CO₂ in the depleted Bream field off the coast of Gippsland, Victoria. Along with existing infrastructure, a new pipeline will be required to transport CO₂ to the offshore injection site. The new pipeline is expected to be approximately 19 kilometres in length and, along with existing infrastructure, will

be required to transport CO₂ to the offshore injection site. Based on preliminary design studies the proposed route is located within an existing easement that connects the Longford Gas Conditioning Plant to an existing valve site at Paradise Beach.

Proposed pipeline route



KEY PIPELINE FACTS

Location

Within existing easement that extends from Longford Gas Conditioning Plant to an existing valve site at Paradise Beach

Product

Compressed carbon dioxide

Depth

Mostly buried underground with aboveground components at existing valve sites

Diameter

350 millimetres (approximate dimension – subject to final design engineering)

Length

~19 kilometres

Consultation commitment

Esso Australia is committed to maintaining a positive relationship with our neighbours and the local community through open, accurate and transparent consultation. This includes engaging with landowners and occupiers throughout the Project. Engagement with landowners and occupiers that relates to regulatory approvals for the proposed pipeline will be shared with the Department of Environment, Land, Water and Planning as part of the required statutory processes.

About Esso Australia

Esso Australia is a subsidiary of ExxonMobil, one of the largest publicly traded international energy and petrochemical companies that creates solutions to improve quality of life and meet society's evolving needs. In Australia, our reliable supply of natural gas is powering local jobs, providing the energy used by local manufacturers, hospitality venues, medical facilities and construction firms, and supporting the countless industries that rely on their products and services. The ExxonMobil Australia group has been operating in Australia since 1895.

Learn more about us at www.exxonmobil.com.au.
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