



Join us in taking action to end offshore exploitation of our oceans and marine life.



marineconservation.org.au/fossilfuels

The carbon pollution dumping threat

Carbon pollution dumping through so-called carbon capture and storage (CCS) is a proven failure the fossil fuel industry wants to dump in our fragile oceans, threatening every living thing in them.

It's a fossil fuel lobby pipe dream designed to keep polluting even as climate change worsens.

In reality, carbon pollution dumping is an expensive failure, risky at every stage.

Tens of thousands of Australian ocean lovers have already spoken out against seismic blasting and now's the time for us to do the same against the threat of carbon pollution dumping, for the sake of the oceans and marine life we love.

Carbon capture and storage: A dangerous distraction

Together we can stop fossil fuel companies turning our oceans into their dumping ground.

For more information on seismic blasting and carbon dumping, visit marineconservation.org.au/fossilfuels



What is carbon capture and storage (CCS)?

Carbon pollution dumping through CCS is a technique invented by the fossil fuel industry to justify expanding their operations and to prolong the life of old gas and oil fields. It involves pumping carbon dioxide pollution in liquid and gas form into underground wells, supposedly to store it for many years. Offshore carbon dumping would involve this pollution being buried beneath the ocean surface.

Oil and gas companies use CCS to try to offset their carbon emissions. This allows the fossil fuel industry to claim net zero ambitions, while continuing to extract and burn fossil fuels. In reality carbon pollution dumping is an expensive failure, risky at every stage.

How CCS harms our oceans

Underwater carbon pollution dumping would have alarming impacts on our marine environment and wildlife at every stage, even long after projects are 'finished'.

Seismic blasting to map beneath the seafloor is the first step in offshore carbon pollution dumping. It's loud, like an underwater bomb, deafening and disorienting whales, turtles, rays and sharks and killing krill and plankton, the food web foundation of ocean life. Seismic blasting continues for many decades after carbon pollution is dumped to monitor the area for leaks, fissures and fractures.

There are risks of leaks and pollution at every stage of CCS development and operation. When carbon pollution leaks it acidifies the seawater around it, which can harm and suffocate nearby marine life. Pressure also builds up under the seafloor from burying the carbon pollution, further increasing the risk to marine plants and animals.

Scott Reef, WA © Nush Freedman Photography



New CCS threats

Fossil fuel polluter Woodside and its joint venture partners want to dump carbon pollution in the waters around Western Australia's Scott Reef as part of their Browse proposal. Woodside claims this CCS will help offset the Browse proposal's massive carbon emissions, a highly speculative and problematic claim.

Woodside is also partnering with INPEX and TotalEnergies on the Bonaparte offshore carbon dumping proposal northwest of Darwin in the Northern Territory.

Northern Territory: Bayu-Undan proposal (Santos)

Scott Reef: Browse proposal (Woodside)

Barrow Island: Gorgon project (Chevron)

Northern Territory: Bonaparte proposal (INPEX)

Darwin: Middle Arm CCS hub

South East Carbon Capture Hub

WITHDRAWN

Gippsland Basin: CarbonNet proposal

Map subject to change.
For the latest information, visit
marineconservation.org.au/fossilfuels



Offshore carbon dumping (CCS) proposals

Fossil fuel companies are proposing offshore CCS projects around Australia to greenwash more climate pollution. But Carbon pollution dumping has never occurred in Australian Commonwealth waters and should never be allowed to start.

Failed, Expensive and Dangerous

CCS has been a proven failure for decades, and existing offshore carbon pollution dumping projects are rife with problems.

High-profile and hugely expensive offshore CCS projects in Norwegian waters have failed to deliver promised amounts of carbon storage.

Carbon pollution dumping has never occurred in Australian Commonwealth waters and should not be allowed to start in our oceans.

The Australian Government must protect our oceans, marine life and climate by ending acreage releases for dangerous CCS projects and not approving any carbon pollution dumping proposals in our oceans.