

MYTH BUSTER FACT SHEET

Carmichael Project and the Great Barrier Reef



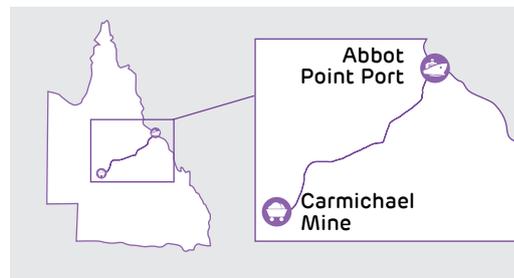
MYTH

The Carmichael Mine will be located next to the Great Barrier Reef and will damage coral and marine wildlife.

FACT >

The Carmichael Mine will be located more than 300km from the Queensland coastline, in a central Queensland resources area known as the Galilee Basin.

Coal will be transferred from the mine to Abbot Point Terminal, via a 388km rail line, where it will be shipped to customers in the Asia Pacific region. This is a similar process to other Queensland coal mines that have been transporting coal safely and responsibly through Abbot Point Terminal for more than 30 years. The Abbot Point Terminal is located more than 50km from the Great Barrier Reef. It has been operating in an environmentally responsible way for more than 30 years.



TO PUT THINGS IN PERSPECTIVE...

It is a similar distance from Melbourne and Sydney to Wagga Wagga as it is from the Carmichael Mine to the Queensland coastline.

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The Adani mine is a 'super mine' or 'mega mine' which will produce more coal than all other Australian coal mines.

FACT >

Adani's Carmichael Mine would be one of 125 operating coal mines in Australia. Although the Carmichael Project has the approvals to produce up to 60 million tonnes of coal per annum, Adani will construct a mine that will produce up to 27.5 million tonnes of coal per annum. This is a slightly larger production volume than operating coal mines in the Hunter Valley and Bowen Basin.

Source: Geoscience Australia.

27.5 million tonnes per annum is equivalent to:

- > 13% of Australia's total thermal coal exports in 2018.
- > 2.8% of total world thermal coal exports in 2018.

Source: Australian Government Office of the Chief Economist - Resources and Energy Quarterly 2018.

MYTH

For the Carmichael Project to proceed, dredging of the Great Barrier Reef will be required.

FACT >

Dredging for Queensland bulk ports in the region is managed by the North Queensland Bulk Ports Corporation and is not under Adani's authority. However, for the Carmichael Project specifically, dredging is not required for the current project plan, which will see 27.5 million tonnes of coal produced per year.

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Carmichael Project and the Great Barrier Reef



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Ships travelling through the Great Barrier Reef damage the reef and marine life.

FACT >

All ships transporting coal mined by Adani will transit through existing channels within the Great Barrier Reef. These are approved shipping zones and are governed by the Australian Maritime Safety Authority.

The Australian Maritime Safety Authority and Maritime Safety Queensland monitor commercial vessels in the Great Barrier Reef and Torres Strait using the 24/7 vessel tracking system known as Reef VTS.

Reef VTS requires all vessels (including those on overseas, interstate or intrastate voyages) to identify themselves and their intended passage through the Great Barrier Reef and Torres Strait region. The ships are continuously tracked using radar, satellite and other maritime sensors with Reef VTS on hand to provide navigation advice and a quick response to any safety or pollution incident.

Reef VTS has a proven track record of mitigating the risk of ship groundings, with just one ship grounding occurring since the system came into operation in 2004.

Source: Maritime Safety Queensland.

MYTH

The ships that will travel through the Great Barrier Reef will drop coal and damage the reef, marine life and the coral.

FACT >

Abott Point Port is located 53km west of the closest point of the Great Barrier Reef. Each berth at the Port has a modern ship loader equipped with industry-standard dust control features, to safely and securely load the coal into the cargo hold. Once the coal is loaded into the ship, the cargo hold is securely sealed, ensuring no coal can escape in transit.

MYTH

500 additional ships will travel through the Great Barrier Reef to Abbot Point Terminal to transport coal from the Carmichael Mine each year.

FACT >

A maximum of 200 ships per year will be required to transport coal from the Carmichael Mine to international customers.

