

# Carmichael Project The Great Barrier Reef





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## MYTH

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

## FACT

The Mine will be located approximately 300km from Abbot Point and The Great Barrier Reef Marine Park is located 50km from Abbot Point. The mine will therefore be approximately 350km away from the reef, which is the same distance from London to Paris via train.



## MYTH

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

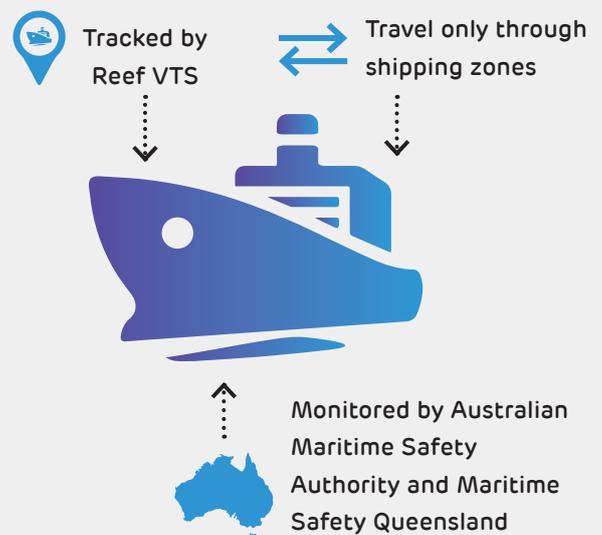
## FACT

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.

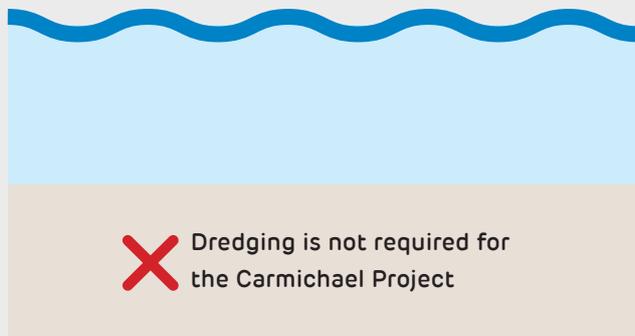
Reef VTS has a proven track record of mitigating the risk of ship groundings, with just one ship grounding occurring since the system came into operation in 2004.



Source: Maritime Safety Queensland.

# Carmichael Project

## The Great Barrier Reef



### MYTH

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

### FACT

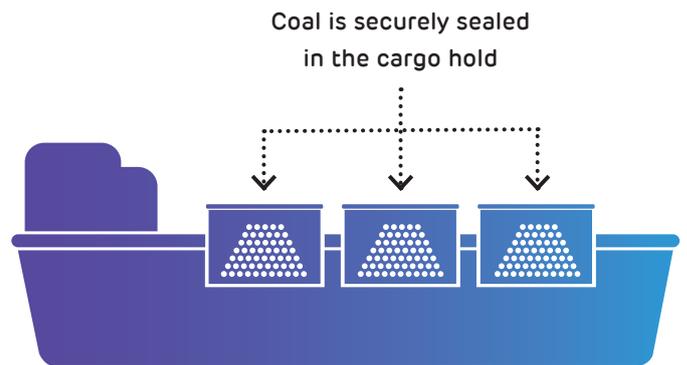
Dredging for Queensland bulk ports in the region is managed by the North Queensland Bulk Ports Corporation and is not under Adani's authority. However, for the Carmichael Project specifically, dredging is not required for the current project plan, which will see 10 million tonnes of coal produced per year.

### MYTH

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

### FACT

Abbot Point Terminal is located 53km west of the closest point of the Great Barrier Reef. Each berth at the Terminal has a ship loader equipped with 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.



### Port Facts

- Approximately 180 direct employees and more than 200 contractors
- Operating safely for more than 35 years
- Able to export up to 50 million tonnes of coal per annum
- Movement of ships is controlled and monitored by the Australian Maritime Safety Authority, Maritime Safety Queensland's Coastal Vessel Traffic Service and Reef Vessel Traffic Service



The ship berths at Abbot Point are connected to the shore by a 2.75km jetty.

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## MYTH

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

## FACT

Adani's Carmichael Mine is 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 10 million tonnes of coal per annum. This is a similar production volume to operating coal mines in the Hunter Valley and Bowen Basin.

