

Fishing Emissions Calculator

Approach

Strategies that can build the resilience of the Great Barrier Reef (GBR) to climate change and help fishers adjust to changing conditions are essential for the long-term sustainability of fishing.

The Queensland Seafood Industry Association (QSIA) and the Great Barrier Reef Marine Park Authority (GBRMPA) have recognised this and are working together to ensure industry can prepare itself.

Climate Change – a Joint Approach (continued)

These strategies are also key to the effective conservation of the GBR in the face of climate change. Recognising the shared goals of marine managers and commercial fishers.

GBRMPA and QSIA have formed a partnership to confront the climate change challenge and work with fisheries managers to ensure a sustainable future for the GBR.

A key outcome of the partnership has been the development of a web-based emissions calculator.

The emissions calculator is a web-based tool developed with input from fishers, QSIA and the GBRMPA:

- Vessels (e.g. primary vessel, dories);
- Vehicles (e.g. trucks, passenger cars);
- Buildings (e.g. holding facilities, refrigerated storage facilities, workshops); and
- Aircraft and Travel (e.g. air travel, air freight of travel, staff travel).

A customised tool for the fishing industry, developed by the fishing industry. The emissions calculator can:

- Provide a method to measure and monitor energy usage;
- Help perform accurate energy assessments;
- Help in business planning and risk management; and
- Help reduce costs and carbon foot prints.

Using the emissions calculator will:

- Prompt businesses to reduce fuel usage;
- Encourage improvement in energy efficiency; and
- Stimulate improved waste management.

The Fishing industry will benefit by:

- Demonstrating good stewardship by reducing their carbon footprint;
- Building GBR ecosystem resilience through 'best practice' to ensure long-term resource sustainability; and
- Active collaboration in leading climate change responses.

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