



# Sea for yourself Climate Change

TECHNICAL FACTS



**Tassal acknowledges and supports the scientific consensus on climate change. We take responsibility for improving the energy efficiency of our operations, transitioning to renewable energy, and investing in new technologies. We are exploring partnerships and initiatives to unlock Blue Carbon opportunities and support food systems adaptation.**

Understanding the environment and the effects of climate change is crucial to our ongoing operations, particularly in summer where water temperatures affect the growth of our salmon.

We acknowledge the need to adapt our farming practices to maintain production of our stock within an environment that is more predisposed to the physical effects of climate-induced weather events.

We work with external scientists to identify emerging climate trends, system responses and to undertake comprehensive broadscale monitoring.

We have developed options for adapting to climate change, including:

- Selective breeding program for salmon, with prawns now also a focus.
- Improved summer feed diets.
- Modified farming strategies, technologies, and practice.
- Species diversification with the addition of our prawn operations.
- Geographic diversification.

We report our energy consumption and greenhouse gas (GHG) emissions to the Commonwealth Government annually under the National Greenhouse and Energy Reporting scheme.

| Year | Scope 1                     | Scope 2 | Total  | New to scope  |
|------|-----------------------------|---------|--------|---|
|      | (tonnes CO <sub>2</sub> -e) |         |        |   |
| FY18 | 21 426                      | 8 119   | 29 546 |   |
| FY19 | 27 414                      | 12 395  | 39 809 | Prawn farm rehabilitation in QLD (on coal-based grid) & NSW.<br>Additional energy sources required for Rookwood hatchery post an electrical fire. |
| FY20 | 35 883                      | 22 660  | 58 544 | Prawn farm expansion and operations in QLD (on coal-based grid) & NSW.<br>Introduction of the well boat to salmon operations.                     |

GHG emission and energy use data is audited annually through our Aquaculture Stewardship Council (ASC) certification audits. Our feed supplier also publishes a sustainability report which documents the average GHG emissions of their annual feed manufacture.

| Year | Total carbon footprint of feed (CO <sub>2</sub> -e/kg) |
|------|--|
| CY18 | 5.79   |
| CY19 | 5.08   |
| CY20 | 4.59   |

Our feed supplier has an ambition to achieve a reduction of 30% of Scope 1 & 2 emissions by 2030 and with a 2018 baseline. In addition, under the Science Based Targets programme, they have committed to a 58% reduction per unit of value-added by 2030 in GHGe for our supply chain with a 2018 baseline. This will be achieved through engagement with suppliers.

Our newly integrated Responsible Business Platform involves the identification of targets, progressive KPI's, expanded disclosure and ongoing reporting across environment, social and governance agendas.

As part of this work, we are in the process of establishing emission reduction targets.

