

Key Challenges for Offshore/High Energy Salmon Aquaculture Production

Research Program

RP2 Seafood & Marine Products Program

Project Leader

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Summary

Offshore/high energy aquaculture initiatives are increasing globally but relevant production biology research may or may not be aligned with technology, commercial needs or offshore/high energy environments.

The aim is to identify knowledge gaps and prioritise BE CRC research by scoping research relevant to key salmon production biology challenges and to available and emerging technology. Scope will include consumer trends in food as it relates to salmon products.

The benefits will be immediately relevant to offshore salmon farming in Australia and NZ.

Key Challenges

Around the world salmon farming is moving to new offshore and high energy locations. New sites present many challenges and much innovative research and development is underway. This Scoping Project will focus on production biology, what are the best ways to grow salmon at these new sites. Our expert team from industry, government, research organisations and Universities will work together to coordinate knowledge gathering, interpretation and dissemination. The BE CRC will prioritise research investment to meet knowledge gaps that best support salmon farmers in Australia and New Zealand to move offshore and to high energy sites.

Duration

6 months

Participants

- Auckland University of Technology
- Blue Economy CRC
- Cawthron Institute
- Commonwealth Scientific and Industrial Research Organisation
- Food Innovation Australia Ltd
- Gibson's Limited trading as Skretting Australia
- Huon Aquaculture Company Pty Ltd
- Petuna Aquaculture Pty Ltd
- Tasmanian Oyster Research Council Limited
- Tassal Group Limited
- The New Zealand King Salmon Pty Limited
- University of Tasmania



*Image courtesy of Chris Carter,
University of Tasmania*

OUR VISION

To enhance the development of Australia's sustainable blue economy through the delivery of world-class, industry focussed research into integrated seafood and renewable energy production systems.

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