### Research Program
RP5 Sustainable Offshore Developments Program

### Project Leader
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### Summary
The development of new and co-located offshore/high energy aquaculture and energy businesses requires an integrated approach to managing their supply chains. This research project, through systematic literature review and applying the Supply Chain Operations Reference (SCOR) model, will develop a general framework for mapping supply chains within the Blue Economy (BE), including this integrated chain.

It will also chart future directions for overcoming potential logistics challenges and inform further research in developing an integrated and planned approach to managing supply chains. BE companies will better appreciate patterns in customer demand and evidence of sustainable practices, enabling production optimisation and maximising revenue.

### Expected Outcomes
- Develop a general framework for mapping supply chains within the BE, including a process mapping approach and data collection tools.
- Identify the current challenges and opportunities in offshore/high energy aquaculture and energy supply chains.
- Identify current and emerging infrastructure/operations/people/technological solutions of adopting integrated and coordinated approaches by multiple firms in offshore/high energy aquaculture and energy supply chains.
- Chart directions to prepare industry sectors for potential logistics challenges to the offshore/high energy co-location of aquaculture and energy business development.

### Duration
6 months

### Participants
- BMT Commercial Australia Pty Ltd
- Climate-KIC Australia Ltd
- Tasmanian Department of Primary Industries, Parks, Water and Environment
- Food Innovation Australia Ltd
- Griffith University
- Tasmanian Oyster Research Council Limited
- Tassal Group Limited
- University of Tasmania

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