

APFA RD&E

Jackson Taber – Research and Administration
Coordinator for the Australian Prawn Farmers
Association



AUSTRALIAN
**Prawn
Farmers**
ASSOCIATION

2022-205: Pathways and opportunities to reduce the carbon footprint of the Australian prawn farming industry



- Builds on a previous FRDC-funded project by Blueshift (**FRDC Project 2020-089**)
- Investigating and reporting on the **cradle-to-grave footprint** of the Australian prawn farming industry

Objectives:

1. Report on the carbon balance of Australian prawn production
2. Identify ways to reduce the industry's carbon footprint
3. Identify research priority areas to enable carbon reduction

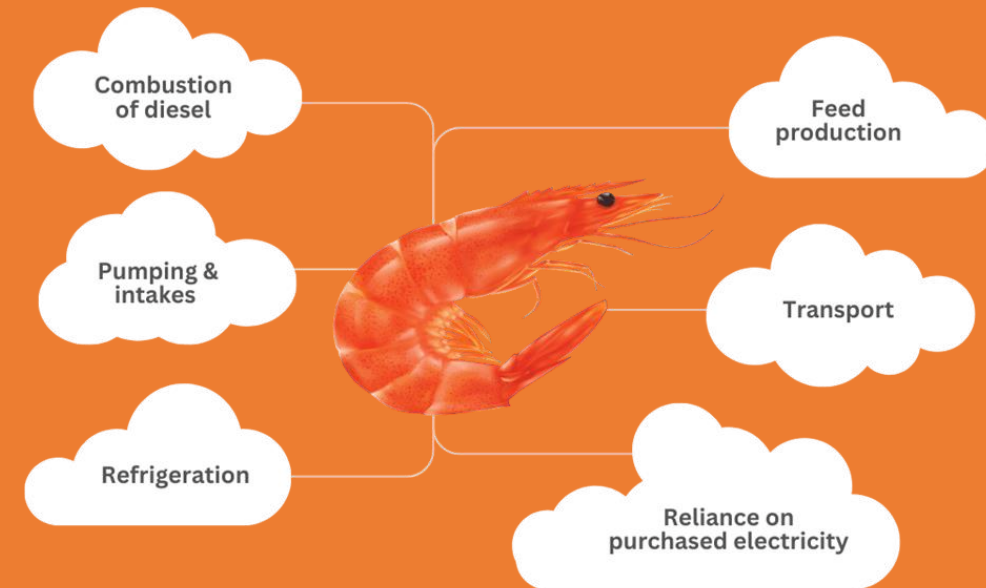
The project provides a **user-friendly** carbon footprint calculator for farmers to input their data and evaluate their carbon footprint

The calculator is divided into:

Scope 1 emissions – fuel & refrigerants

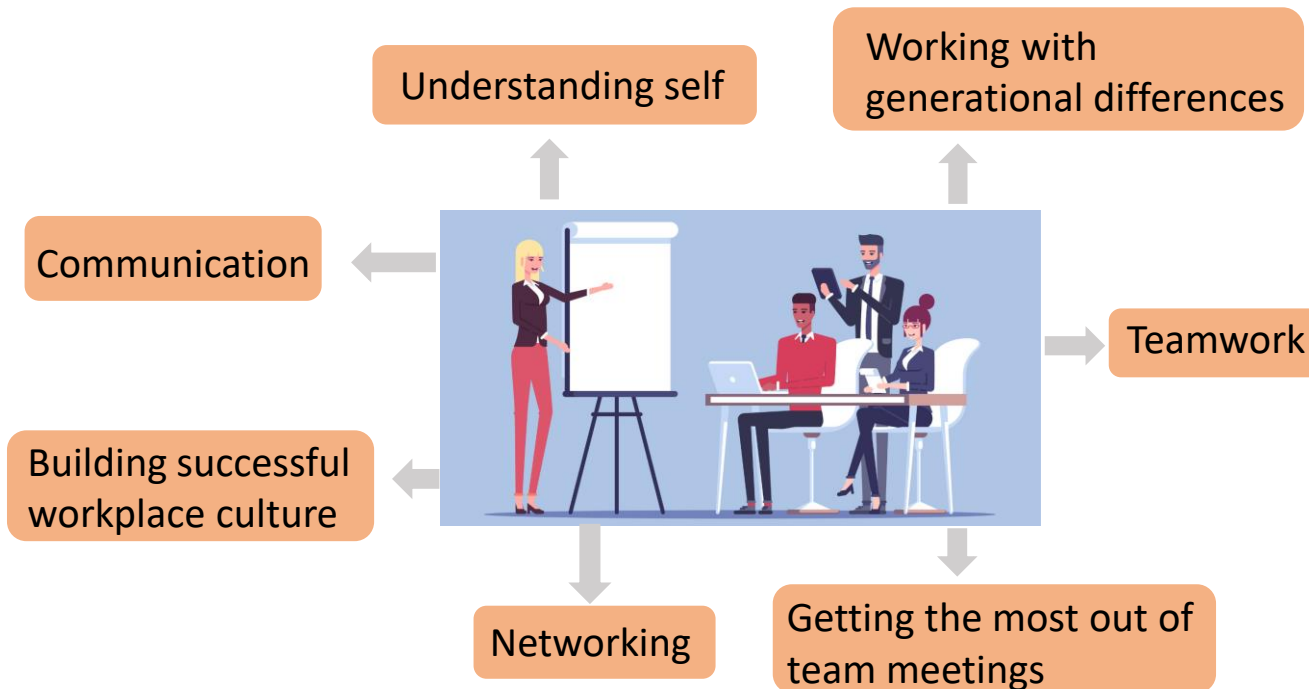
Scope 2 emissions – electricity

Scope 3 emissions – indirect emissions



Data provided by contributing farms has helped identify several **key sources of carbon emissions**

2023-020 Developing skills and capabilities of middle-management and supervisory



2022-061 Developing leadership and networking capability in Australian prawn farming

Project objectives:

- Sponsorship towards members to participating in the National Seafood Industry Leadership Program
- Sponsorship towards leadership opportunities through attendance at leadership development programs and/or industry conferences



Bursary recipient Antony Libon



Bursary recipient Shannon Moore



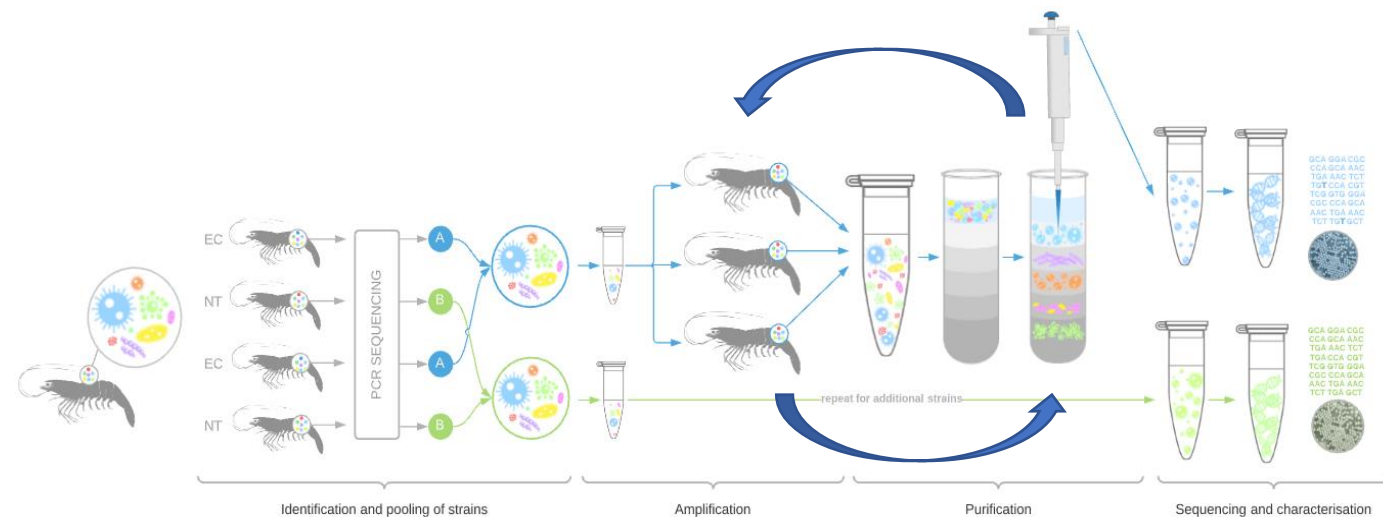
Bursary recipient Jackson Taber

2020-115 Demonstrating the impact of prawn viruses on prawn aquaculture production

- Currently in year 2 of 3 year
- Assessing the impact of viral pathogens on tiger prawn pond production
- Using robust challenge experiments determine impact of IHHNV, GAV and YHV-7 on the survival, growth performance and transcriptome of tiger prawns

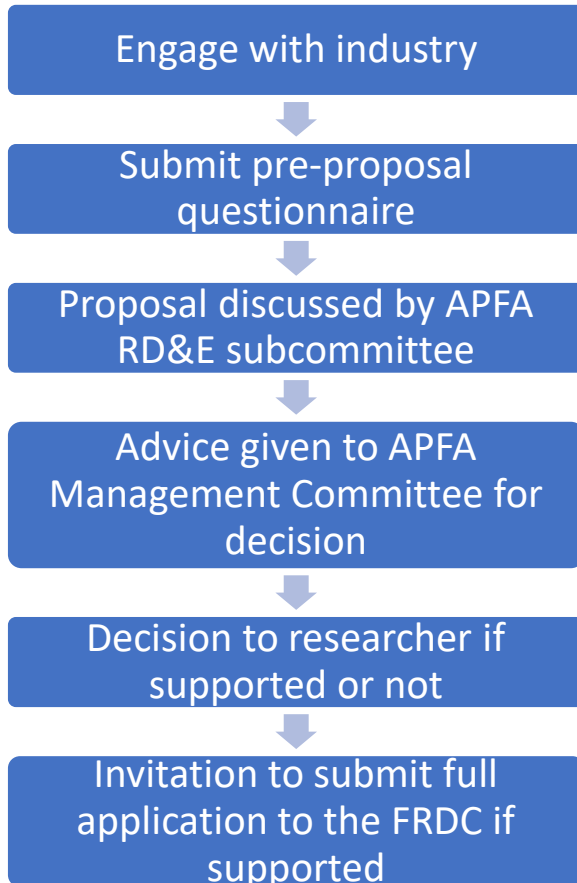


Disease challenge test system - 4 systems with 4 tanks per system: IHHNV, GAV, YHV-7 and control

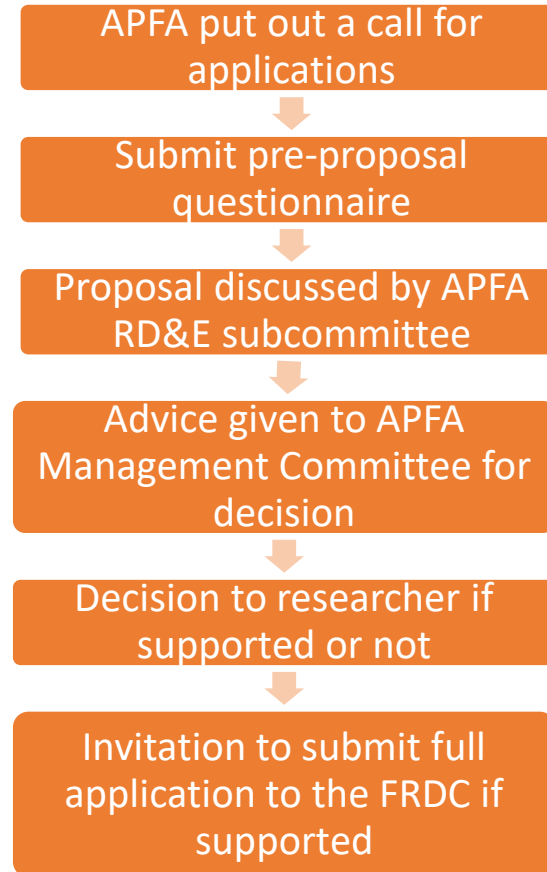


Grant submission process

Submit a Pre-proposal!



Respond to an APFA call for applications!



Other co-funded grant opportunities – e.g. CRC-P, ARC etc.

