

Smarter Regions CRC

Investment pitch to FRDC

How we will align

Outline how your bid will align with the [FRDC R&D Plan 2020-2025](#) and assist us in achieving our outcomes during this time frame

- **This bid aligns strong with the Enabling Strategies**
 - **Drive digitisation and advanced analytics**
 - Through our partnership with Real Time Data, help fishers rapidly and easily combine and analyse data to optimise benefits and reduce costs
 - **Strengthen adoption for transformational change**
 - We wish to work with FRDC to promote understanding about artificial intelligence generally, and the technologies we will develop more specifically.
 - Our experience in other industries is that once practitioners can see technology in action, solving problems, they are enthusiastic adopters
 - **Promote innovation and entrepreneurship**
 - The CRC will work with the South Australian fishing industry, its software partner Real Time Data (RTD) and other sectors nationally to extend their technology by incorporating elements of artificial intelligence
 - **Build capability and capacity**
 - The CRC will run training programs, introducing fishers to AI and explaining how it can be used and the difference between good and poor quality
 - **Provide foundational information and support services**
 - The data collected and analysed by Real Time Data will provide foundational performance information for the industry.

Benefits for FRDC

Outline what the FRDC can expect to receive/achieve through partnership in the CRC

- Fast track development of AI into the industry
 - Solutions not technology focus
 - Solutions that reduce cognitive load
 - Solutions that reduce the number of jobs a fisher needs to do
 - Solutions that reduce costs
- Rapid prototyping of new technology
- Upskilling of the industry and FRDC staff
- Low risk investment model

What we want from FRDC

Outline what you would like the FRDC to provide to the CRC including financial contributions, in-kind contributions, access to networks etc

- The level of investment to be determined by FRDC
- The model we would prefer is that FRDC works alongside this CRC to:
 - Ensure that what we develop aligns with the industry needs
 - Connect the industry to the developers early in the design phase
 - Facilitate testing of technology with the industry
 - Co-invest where you see mutual advantage
 - Promote the partnership with the CRC and solutions as they emerge
 - Develops opportunities for training fishers and FRDC staff
- The CRC would welcome co-investment by the FRDC in this CRC for discrete projects and/or longer term strategic programs

Who we are partnering with

Outline the existing and potential partners

- BlueloT: Leading IoT developer in Australia
- Consilium: AI company who work in defence and wine sectors
- There are currently 21 partners signed up for over \$61M cash
- Key research institutions include:
 - University of Adelaide
 - Charles Sturt University
 - La Trobe University
 - University of Sunshine Coast
 - University of Wollongong
 - QUT
 - Sydney University

Is industry involved

Outline the existing and potential partners

- Real Time Data: Leading data integrator for the industry
- All fishing sectors in South Australia have partnered with RTD to establish a whole of industry digital platform for collection and management of industry and regulatory data.
- Specifically Spencer Gulf Prawns and Goolwa Pipi Co have expressed interest in transferring existing FRDC spatial management projects to the CRC.
- In addition Southern Zone lobster have expressed interest in participating in a pilot project utilising fine scale spatial data for development of machine learning tools.
- Scope exists for other seafood sectors outside SA to participate in projects.