Data Infrastructure Design for the Blue Economy

Summary

Effective knowledge sharing and collaboration between research programs and across the various project, data, and technology outcomes is essential for the CRC to achieve enduring success. This project will bring together digital experts, data scientists, engagement specialists, project partners, stakeholders and end-users through a series of workshops to design fit-for-purpose infrastructure to manage CRC knowledge and data.

Co-design of such infrastructure is essential to ensure longer term usability and relevance to users. The design will support open data philosophy and will enable evidence-based decision making for sustainable growth of the blue economy. The project will also produce guidelines for on-going data stewardship.

The objectives of the project is to design a scalable data infrastructure framework to support evidence-based decision making for the Blue Economy CRC that:

» Is capable of capturing, storing, analysing and visualising data generated by BE CRC Research Projects.
» Connects through APIs to a federation of data sourced from research, industry and government.
» Provides simple, intuitive and easy to use access portals for CRC partners to retrieve and use relevant data to build the Blue Economy.
» Is robust, scalable and sustainable to last the duration of the CRC and beyond.

Project ID
4.22.001

Research Program
RP4 Environment and Ecosystems (EE) Program

Project Leader
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Duration
12 months

Partners
» BMT Commercial Australia
» Griffith University
» OceanPixel
» University of Tasmania
» University of Western Australia

Third Party Participants
» Geoscience Australia