



FRDC
FISHERIES RESEARCH AND
DEVELOPMENT CORPORATION

Strategic Opportunity 4



Understand and respond to threats and opportunities presented by alternative proteins

Alternative proteins (plant-based and food-technology alternatives to animal protein) are playing an increasing role in consumer diets, as well as providing innovative substitute inputs to products that traditionally utilise animal protein such as livestock feed. Though development of alternative seafood protein options is lagging behind other forms of animal protein, there are a growing number of entrants globally who are rolling out new technologies and ingredients.

The growing demand for alternative proteins presents either a significant threat or a large opportunity to Australia's traditional fishing and aquaculture sectors and supply chain.

FRDC included a priority to "Understand and respond to threats and opportunities presented by alternative proteins" in the November 2022 Open Call for R&D Investment Opportunities. This priority sought to identify risks and opportunities throughout the supply chain; how to embrace benefits and respond to risks; and extension activities to help end-users integrate new knowledge and gain benefit.

It is intended that the resultant project(s) will provide recommendations on how fishing and aquaculture can reposition to benefit from alternative proteins and respond to associated risks.

