



Mission Area: Food Security & Quality

We have been working with collaborators from across industry, research and government to co-design this mission. This summary reflects the mission in development and will continue to evolve.

Help Australia capture high-growth global protein markets

The aim of the mission is to grow Australia's protein industry by \$10b by 2025. The mission would aim to seize the opportunity created by the world's growing demand for high quality protein by supporting new Australian industries through science, innovation and technology.

Opportunity

The global population will reach 9.7 billion by 2050, fuelling the demand for protein. As a major producer and exporter of protein, we can capitalise on this demand by capturing high value, high margin export market opportunities, in the process building our sovereign manufacturing capability and creating new jobs.

Australia's food industry is well placed to develop novel, differentiated protein products that meet the requirements and changing dietary patterns of the modern health- and welfare-conscious consumer.

Proposed Impact

- New jobs in agribusiness, food processing and advanced biomanufacturing; new industries for regional Australia
- Development of sovereign manufacturing capability to deliver food security
- Access to growing export markets
- Sustainable use of natural resources; a decreased environmental footprint; and reduction in food and agricultural waste
- Optimised nutrition to meet the needs of the future consumer

Proposed mission focus

- Plant protein for new markets
- Sustainable animal protein production
- Novel protein production systems

Collaborators

Our Foundational collaborators include:

- Queensland Department of Environment & Science
- Victorian Department of Jobs, Precincts & Regions
- Regional Growth NSW Development Corporation
- Meat & Livestock Australia
- v2food
- Clara Foods
- Main Sequence Ventures
- FoodShot Global
- ARC Centre of Excellence in Peptide and Protein Science
- University of Technology Sydney
- University of New South Wales
- Edith Cowan University.

For further information

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