**INDUSTRIAL TRANSFORMATION RESEARCH PROGRAM**

**RESEARCH HUBS—Round One**

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### Dairy Innovation Hub:
transformational research to underpin the future of the Australian dairy manufacturing industry

The University of Melbourne, The University of Queensland and Dairy Innovation Australia will join in this Research Hub to address significant technical challenges facing the dairy manufacturing industry.

The Research Hub will develop transformational processing technologies and innovative products to enhance productivity, growth and sustainability.

**Research Hub Director:**
Dr Sally Gras, The University of Melbourne

**Partner:**
Dairy Innovation Australia Ltd

**ARC Funding:** $5,000,000

*Image courtesy: Dairy Innovation Australia Limited and Dairy Innovation Hub*

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### Commercial development of rock lobster culture systems: the cutting edge of aquaculture

This Research Hub will develop unique aquaculture systems, using novel engineering manufacture to mass produce lobster seed stock. A reliable, large-scale supply of seed will enable seawage culture, evaluation of wild stock enhancement and lead to sustainable food production.

**Research Hub Director:**
Associate Professor Stephen Battaglene, University of Tasmania

**Partners:**
Darden Inc, JSA Consulting Engineers, Plastic Fabrications, The University of Auckland

**ARC Funding:** $5,000,000

*Image courtesy: Guinness/Fishbowl, IMAS, Lobster larvae images*

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### Pathways to market: transforming food industry futures through improved sensing, provenance and choice

This Research Hub aims to transform the Australian food industry by demonstrating how new knowledge on food production and consumption generated through novel sensing technologies and advanced modelling techniques can be implemented in smart applications to power competitiveness, sustainability and innovation in food value chains.

**Research Hub Director:**
Professor Mark Tampkin, University of Tasmania

**Partners:**

**ARC Funding:** $2,500,000

*Image courtesy: Shutterstock.com/19 Trinca Grauwend. Surrounded by a multitude of choices*

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### Unlocking the food value chain: Australian food industry transformation for the Association of Southeast Asian Nations (ASEAN) markets

The University of Melbourne and Kraft Foods will lead an integrated research program to enhance Australian export opportunities for manufactured confectionery. The Research Hub will develop new product insights and innovative production technologies that will enable Australia’s largest manufacturing sector to exploit new markets such as India and China.

**Research Hub Director:**
Professor Frank Dunsha, The University of Melbourne

**Partner:**
Kraft Foods Australia Pty Ltd

**ARC Funding:** $2,000,000 (Four-year Project)

*Image courtesy: Kraft Foods Australia Pty Ltd. Panning machine*