

A herd of cattle, including several brown and white cows, are walking through a field of tall, golden grass. The scene is captured during sunset or sunrise, with a warm, golden light illuminating the animals and the field. The background is slightly blurred, showing more of the herd and the horizon.

How R&D Priorities are determined

Sharon Dundon

LEP R&D Manager 25th November 2015



Current R&D AOP 15/16 FY

- Improve animal welfare outcomes

\$2.22M

- Improve supply chain efficiency and performance

\$500K

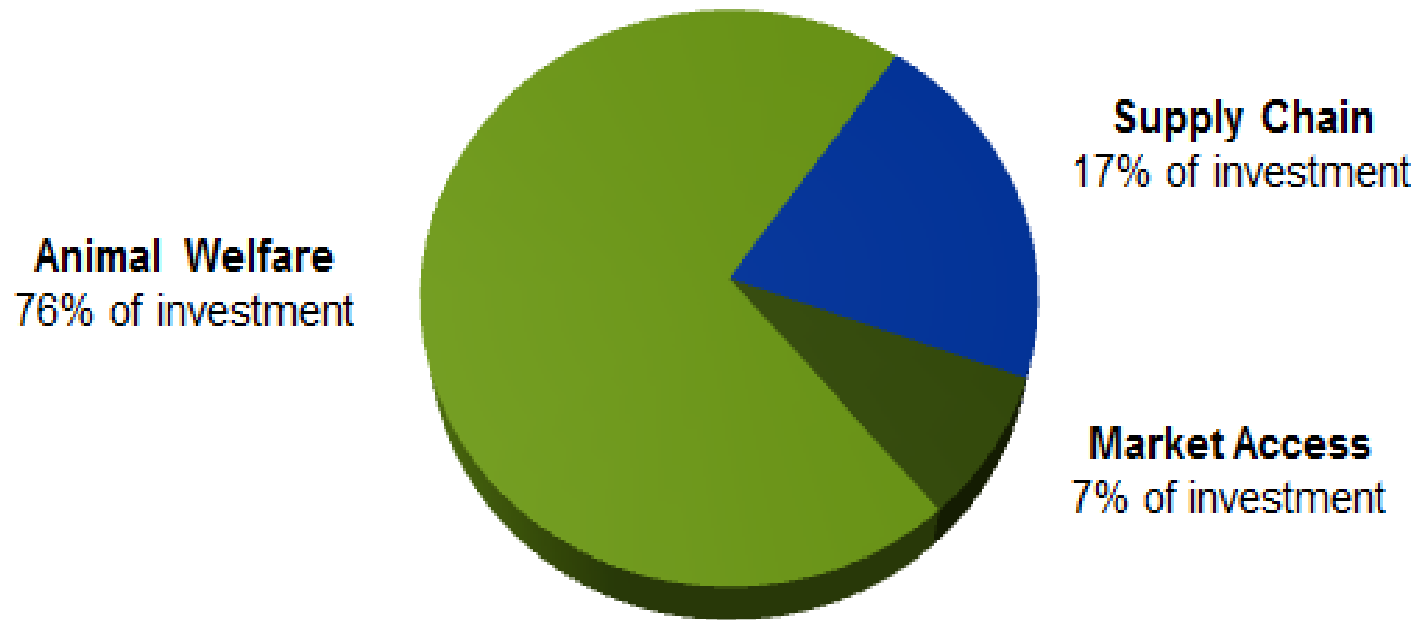
- Conduct R&D that delivers improved market access and trade development

\$200K

- **Total budget \$2.92M**

R&D investment 2015/16

Total = \$2.9M



Research funds are matched \$ for \$ by the Australian Government

Short/Medium & Long Term Projects

- ◆ 31 active projects
- ◆ Short term < \$100K ~ 16
- ◆ Medium term >\$100K ~ 9
- ◆ Long term >\$250K ~ 6

Inanition LGAP

Salmonella Thermal Regulation in Sheep

Within Crate Ventilation on Board Aircraft

Purpose and aim of R&D

To support and enable continuous improvement and innovation and enhance productivity and sustainability through thorough, targeted, consistent, effective and transparent research.

Key strategies that form the basis of the livestock export industry

R&D are to further improve:

- ✓ Animal health and welfare
- ✓ Supply chain efficiency and regulatory performance
- ✓ Market access and trade development

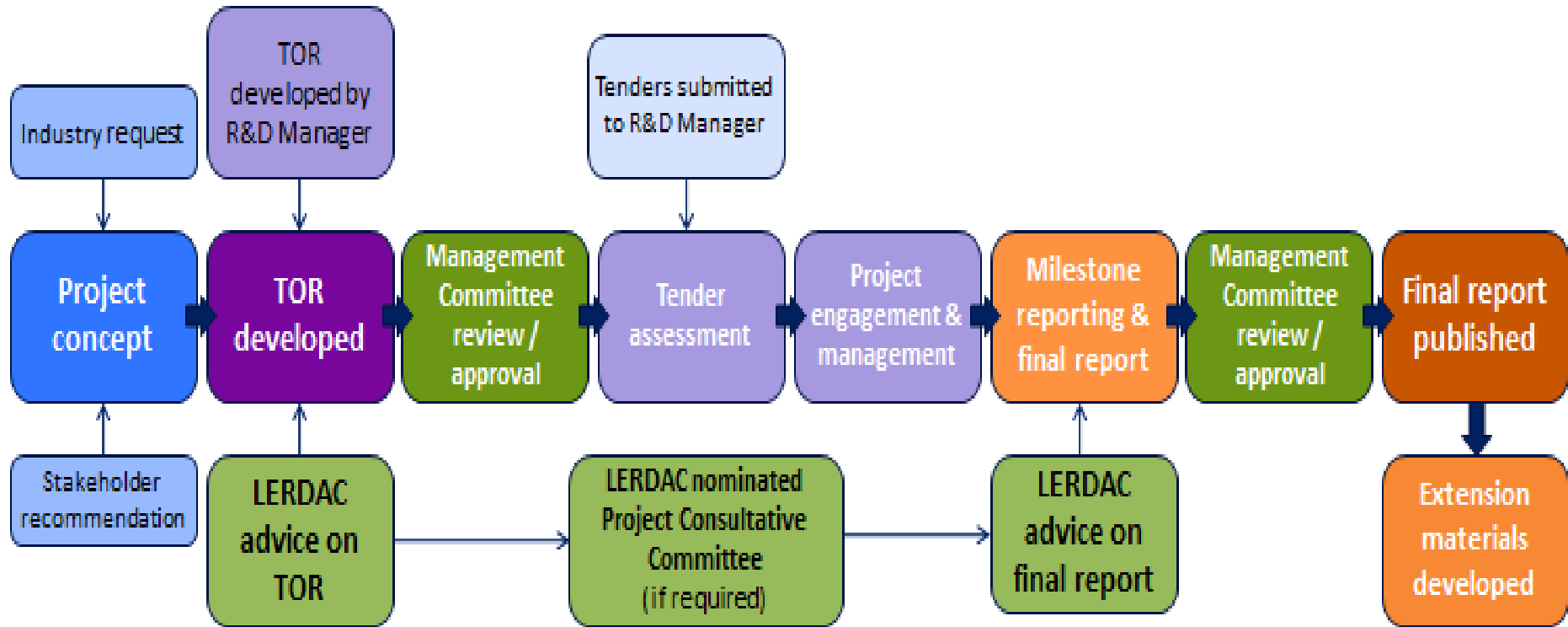


How R&D is conducted

- R&D is prioritised by the Livestock Export Research & Development Advisory Council (LERDAC) that includes:
 - Peak Councils, an independent veterinarian, ship operators and exporter and producer representatives (13 members)
- R&D is then operationalised by the LERDAC Management Committee (5 members)
- R&D is conducted to address short, medium and long term priorities and includes:

Experiment and research projects to fill knowledge gaps, literature reviews, the development of systems and software, standard operating procedures and other extension materials

How R&D is conducted



Extension



- Engagement with University Students – Veterinary & Agricultural campuses
- Twice yearly briefings with the Department of Agriculture
- Twice yearly RD&E Updates
- R&D Forums

Outcomes and importance of R&D

R&D is transparent and reports are publicly available on both the LiveCorp and MLA websites:

www.livecorp.com.au

www.mla.com.au/Research-and-development

Published papers where possible from the research

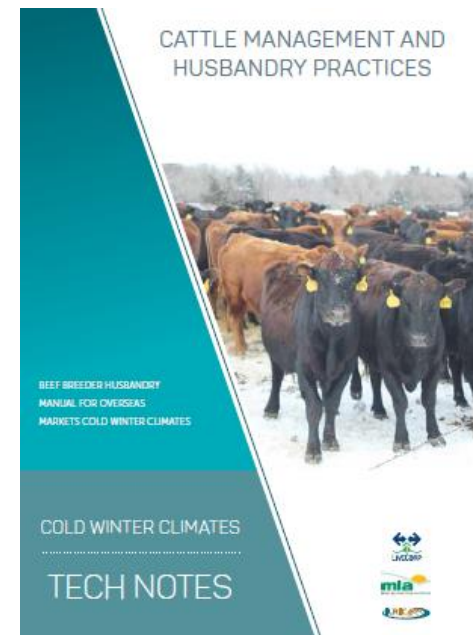


Research Priority Areas 2015/16

- ◆ LGAP Development and potential implementation
- ◆ Heat Management in Sheep “Tips & Tools”
- ◆ Identification/Implementation of Animal Welfare Indicators
- ◆ Inanition Management Strategies “Tips & Tools”
- ◆ Stockman’s Manual LiveAir
- ◆ Best Practice Traceability Options

Research Priority Areas 2015/16 cont....

- ◆ Salmonella Large Animal Studies (oversight)
- ◆ Leave behind resources – Beef Breeder Manual; Breeder SOPs; Traceability Options (*translated as required*)
- ◆ Food safety, meat quality and hygiene fact sheets
- ◆ Update of the Veterinary Handbook & App V2.0



Questions?

