Animal Agriculture

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Animal Agriculture

- 18% energy*
- 25% protein (high quality)*
- Source of income
- Integral role in the food system**
  - Marginal lands into food
  - Fertiliser for crops
  - Non-edible feed into edible food

*FAOSTAT, 2016  
**Mottet et al 2017, GFS 14:1-8
Animal Agriculture in Australia

Total Gross Value of ~$30 billion

Crops 49%
Animals 51%

Slaughterings 36%
Milk, wool, eggs 15%

Source: www.abs.gov.au
Animal Agriculture: needs, opportunities and challenges

- 70% more animal products by 2050
- Largest scope for technology and innovation
- New and emerging challenges
Animal Agriculture at The University of Sydney

Animal Agriculture

- Feed production
- Health & Welfare
- Nutrition & Reproduction
- Aquaculture
- Robotics and technologies
- Data Science

SIA
Our speakers today:

- A/Prof Luciano González (SoLES)
- A/Prof Roslyn Bathgate (SSVS)
- Alexandra Green (PhD candidate, SoLES)