

# CLIMATE CHANGE, EMISSIONS AND ENVIRONMENTAL SUSTAINABILITY – LIVESTOCK 2020

## Priority Issue

By 2030, the red meat industries demonstrate leadership in sustainability; delivering on community expectations in the areas of land, water, biodiversity, climate variability and biosecurity.

## Actions Required

1. Quantify the environmental footprint at an industry and enterprise level.
2. Move towards a carbon neutral industry by 2030 by understanding the potential role of feeds that reduce carbon emissions and soil carbon management.
3. Define environmental stewardship in Australia in relation to an index that is understood and trusted throughout the supply chain.
4. Define parameters of biodiversity and environmental sustainability that can be measured over time, including potential production benefits (note: there is a current project looking at ecosystems services nationally: Australian Farm Biodiversity Certification Scheme Trial). Ensure that the quest for carbon neutrality doesn't take precedence over financial sustainability.
5. Work towards NFF target of 5 % farm income from eco-systems services.
6. Develop strategies to achieve a more climate resilient southern Australian livestock industry by 2030.
7. Support adoption of sustainability frameworks and communicate to our customers and community.

## Potential Partners

- Current LPP partners (CSIRO, NSW DPI, UNE, UMelb, UTas)
- USyd
- AgVic
- SARDI
- MLA/MDC
- AWI
- Banks
- Genetics Consortium
- Sustainability frameworks
- Department of Agriculture and Water Resources (DAWR)
- Cattle Council Australia
- Sheep Producers Australia

## Comments:

- Lining up expectations?
- Address impact on industry – important we look at interest of industry,
- Can't be sustainable unless profitable (need to move towards sustainability on a profitable basis)
- Increase productivity growth
- Suggestion – How about - How to maintain profitability and manage risk under increased climate variability
- Agree, sustainability normally encompasses economic, social and environmental sustainability as promoted the Sustainability Frameworks