



# Carbon Neutral 2030

Pip Band

**CN30**

The logo for Meat & Livestock Australia (MLA) features a stylized yellow sun rising over a green horizon line. Below this graphic, the letters "mla" are written in a bold, lowercase, green sans-serif font. Underneath "mla", the full name "MEAT & LIVESTOCK AUSTRALIA" is written in a smaller, uppercase, green sans-serif font.

**mla**  
MEAT & LIVESTOCK AUSTRALIA

## The CN30 initiative

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# About MLA

- Working in collaboration with the Australian Government and the wider red meat industry, MLA invests in initiatives that contribute to **producer profitability, sustainability and global competitiveness.**



# MLA's remit

- Research, Development and Adoption
- Marketing



# What is CN30?

- An aspirational target for industry to be carbon neutral by 2030

## How are industry emissions measured?

By the National Greenhouse Gas Inventory accounts:

GHG emissions  Emissions captured and/or offset  0 tonnes CO2e



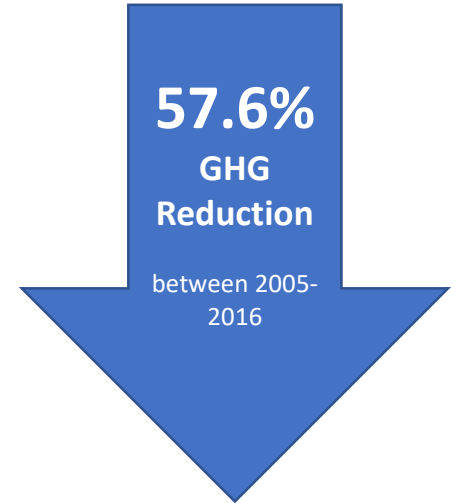
# Why do it?

- Sends a clear message to consumers that the red meat industry is **proactively addressing greenhouse gas emissions**
- **Strengthens our reputation** as global leaders in sustainable production and turns environmental criticism of the industry on its head
- **Reducing emissions is good for business** – producing more with less, storing carbon in soils is good for agricultural productivity.



# Progress to date

- Industry contributes around 10% of Australia's emissions
- Achieved a 57.6% reduction in annual emissions since 2005, from 129.3 million tonnes of CO<sub>2</sub> equivalent emissions to 54.8 Mt CO<sub>2</sub>-e in 2016.



# How do we get there?

- Partnerships are key; co-investment in research, development and adoption, and technology commercialisation pathways with key partners
- Scientific methods that for reducing emissions and/or storing carbon need to be linked to the National Greenhouse Gas Inventory.



# How do we get there?

## Implement now

### Productivity improvements:

- Animal genetics
- Feedbase – pastures & legumes
- Soil health

### Balance of vegetation

- Shelterbelts for animal productivity & carbon capture
- Retaining remnant vegetation
- Revegetating where it makes sense to do so

### Emissions Reduction Fund methods

- Savannah fire management
- Herd management
- Soil carbon
- Vegetation management

## To commercialise

- Feed additives – e.g. Red Asparagopsis seaweed in partnership with CSIRO
- Legumes – e.g. Desmanthus

## Further R&D

- Measuring GHG emissions on-farm
- Soil carbon sequestration & measurement
- Methane inhibiting compounds
- New pastures/ legumes
- Optimising balance of tree & grass cover
- New ERF methodologies

## Develop markets

- Valuing ecosystems services to increase investment in sustainable agricultural enterprises.
- Verification of red meat products as carbon neutral

# Steps to Certified Carbon Neutrality On-farm



2019/20 MLA to partner with producers to undertake **50 Carbon Accounts** –  
Get in contact if you are interested [pband@mla.com.au](mailto:pband@mla.com.au)

# What is MLA's role in CN30?

- Invest in research, development and adoption activities

Work with industry, researchers and technology providers and funding partners to pursue carbon neutral pathways



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