

Fact sheet

FEEDLOTS

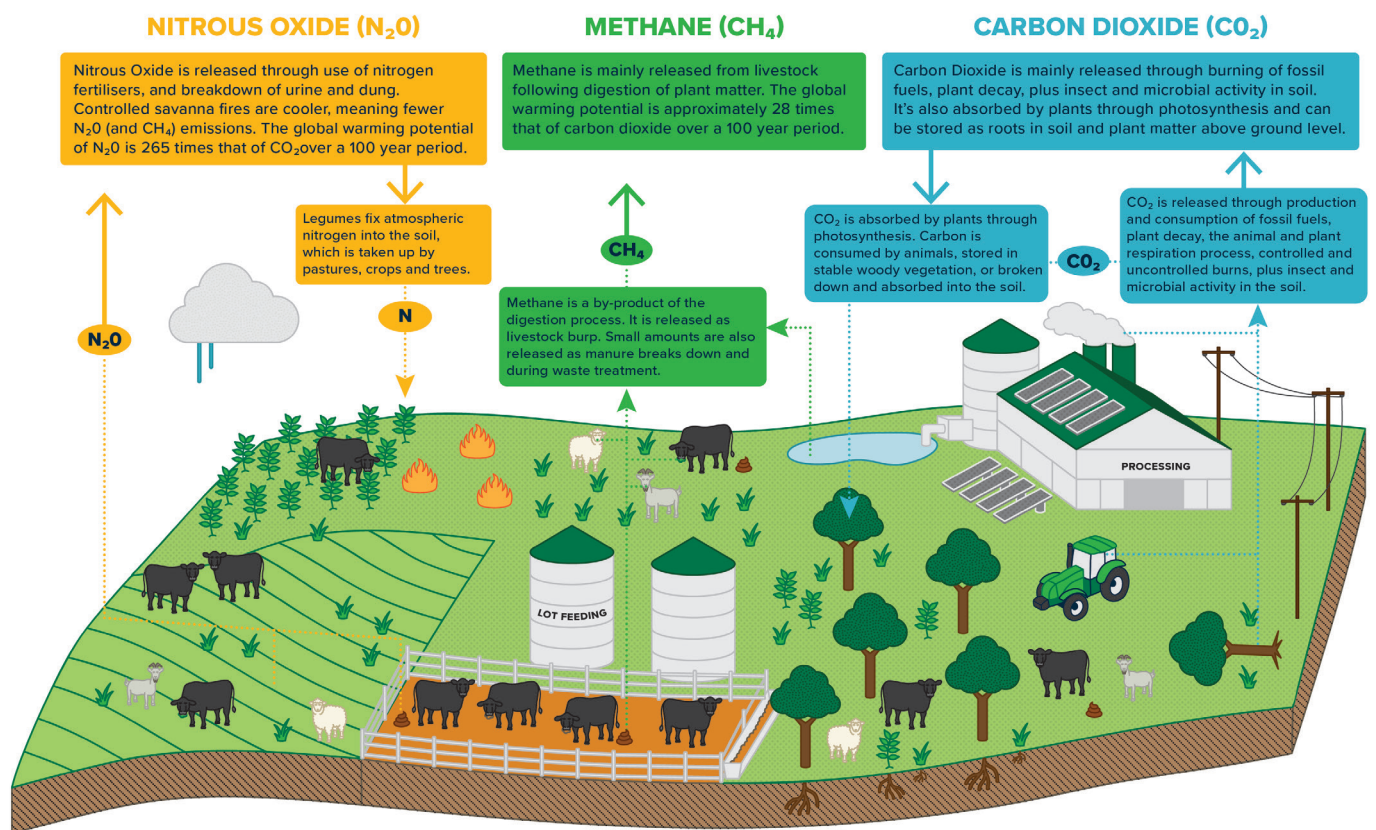
The Australian feedlot industry and greenhouse gas emissions

To sustain our reputation as a global leader, the Australian red meat and livestock industry has set the ambitious target to be carbon neutral by 2030 (CN30). This target means that by 2030, Australian beef, lamb and goat production, including lot feeding and meat processing, will make no net release of greenhouse gas (GHG) emissions into the atmosphere.

What are greenhouse gases (GHGs)?

Gases that trap heat in the atmosphere are called GHGs. There are several types of GHGs but those that are most relevant to the red meat and livestock industry are shown in Figure 1 below.

Figure 1: Sources and sinks of major greenhouse gas (GHG) emissions



Tip

Methane (CH_4) is the main greenhouse gas associated with ruminant grazing systems and feedlots.

What has been achieved?

The Australian red meat and livestock industry has halved its' greenhouse gas (GHG) emissions since 2005. As a whole, the agricultural sector is responsible for 13.5% of the total emissions in Australia. The feedlot industry currently contributes to 0.5% of the nation's GHGs.

Why is it important?

As part of maintaining a sustainable industry, staying ahead of current and future consumer, customer and community expectations regarding environmental credentials allows red meat producers to stamp their mark in a competitive global protein market.

Demonstrated commitment to environmental stewardship, through initiatives such as CN30, enables ongoing trust and support for the red meat and livestock industry. It underpins Australia's position as a responsible producer of high value, clean, safe and natural protein.

Five benefits of reducing greenhouse gas emissions



Increased productivity and long-term sustainability



Improving social licence



Improving market support for red meat



Engaging with emerging market opportunities



Support verifiable sustainability claims

More information

Read the *Moving towards carbon neutrality – Opportunities for the feedlot industry* technical manual.