Agricultural Emissions Trend by Activity

Greenhouse Gas Emissions from Agriculture for Different Activities

More dairy cows
Less sheep

New Zealand’s Greenhouse Gas Inventory 1990-2014
So where too from here?
In short its all about.....
better genetics, weights at key times, animal health, feed quality and feed management, meteorological information, access to internet for up-to-date market information.

More fertile soils
Farmer training including through Commodity Levy Act funded organisations – Beef+Lamb etc
Data, data and more data – economic, environmental and production information
How…..

Policy and Practice
Climate Change Adaptation
Zero Carbon Bill
Farm Plan (by 2022) – all farms
Extension services
Carbon neutral red meat – Beef and Lamb NZ
Precision agriculture
The Primary Growth Partnership - $708m
National Science Challenges
Innovation

2018 national lambing percentage 129% - up 1.7% on 2017 increased hogget lambing

There is a sheep breeding programme to create a climate resilient high performance New Zealand sheep flock using imported world-leading genetics

Improved pastures, dryland species e.g. Lucerne, chicory, plantain, sub-clover (lower N fertilizer)

Demonstration farms

Tools to monitor and measure climate impact

Inventory development and improvement

Enabled through funding
Questions?