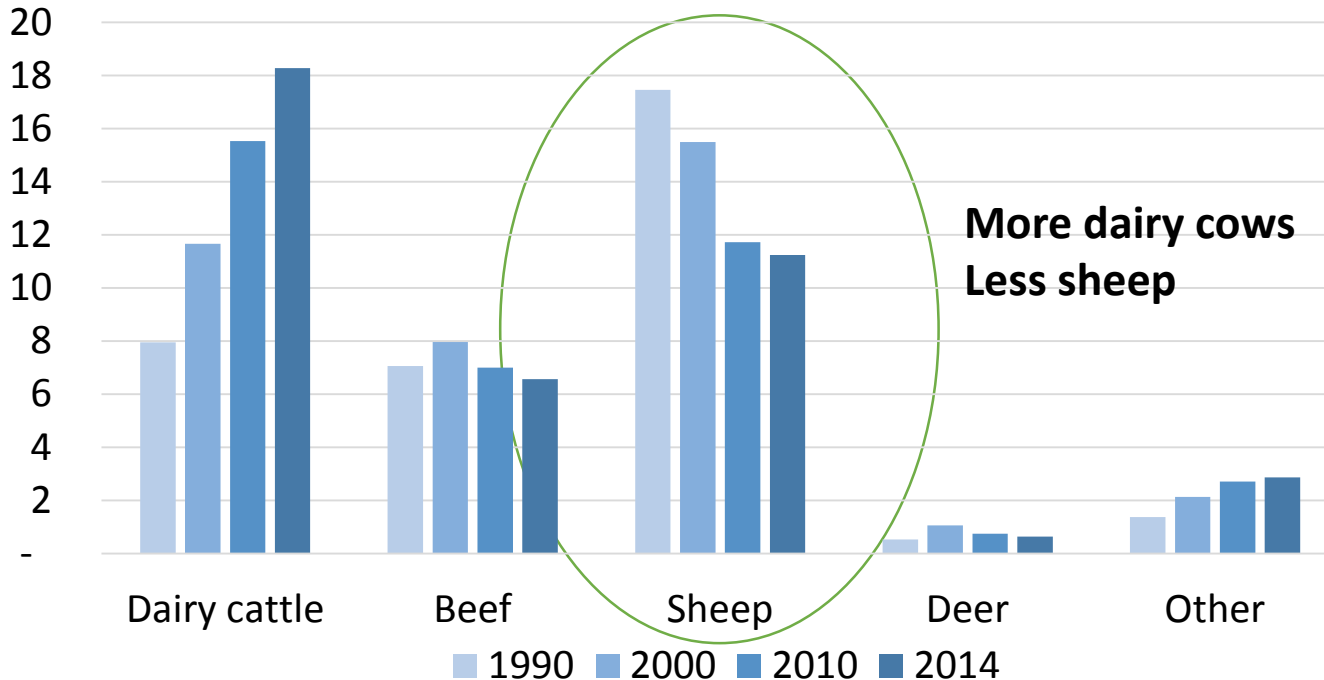


# Agricultural Emissions Trend by Activity

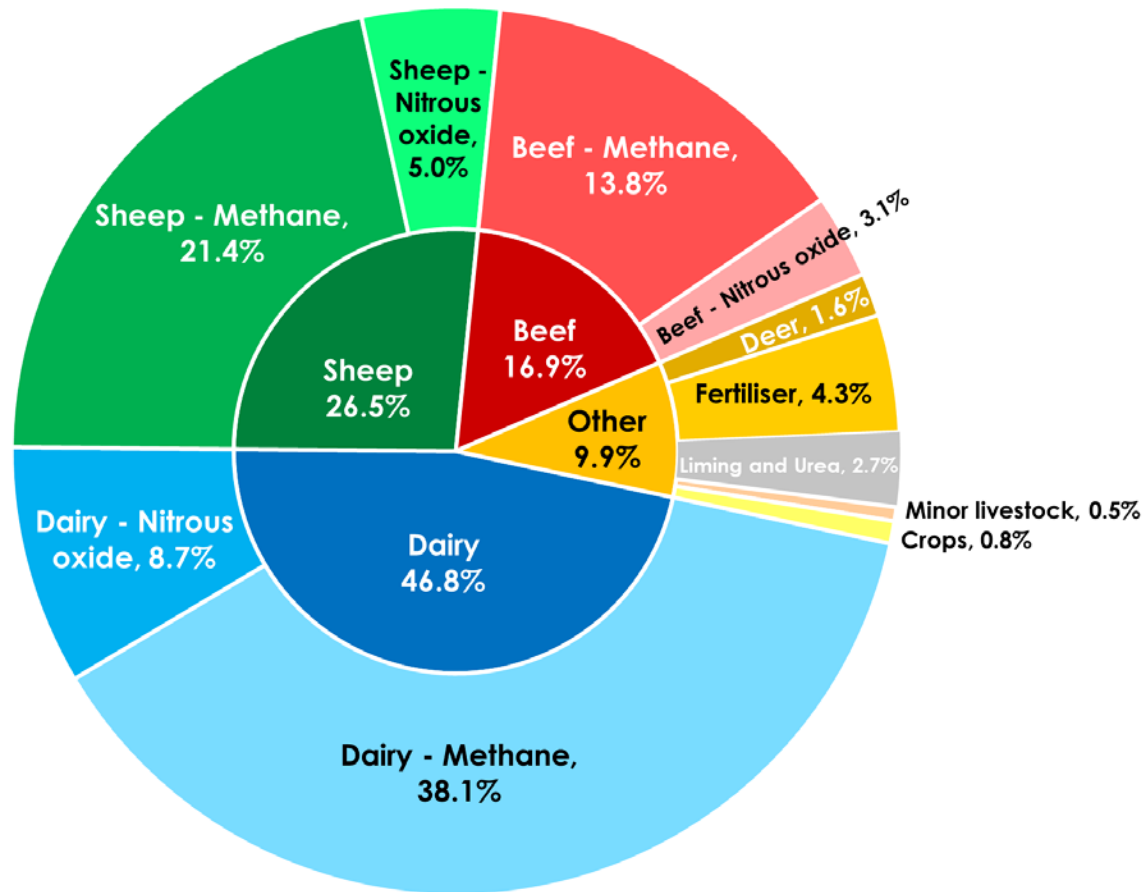
## Greenhouse Gas Emissions from Agriculture for Different Activities

For selected years 1990, 2000, 2010, 2014



# New Zealand Agricultural Emissions Profile in 2017

Percentage of total agricultural emissions



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**



STAG VALLEY

Questions?

