# GLOBAL RESEARCH ALLIANCE

**ON AGRICULTURAL GREENHOUSE GASES** 

Livestock Research Group meeting

9-10 August 2019

# **CO-CHAIRS OVERVIEW**

#### Introducing the Co-chairs





#### **Dr Sinead Waters**

# Teagasc Ireland

#### **Dr Harry Clark**

NZAGRC New Zealand

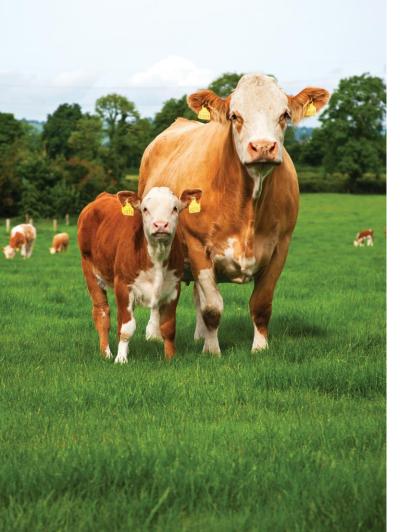
#### **Overview of presentation**



- What is the Livestock Research Group?
- Looking back: Achievements in 2018/19
- Looking forward: challenges and opportunities for the LRG

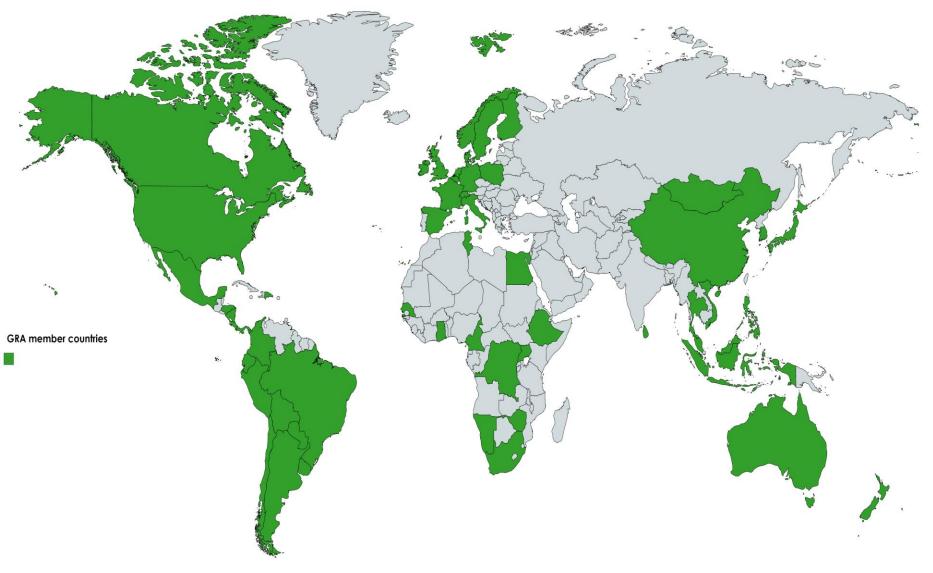
# What is the LRG?





Our focus:

Reducing the emissions intensity of livestock production systems and increasing the quantity of carbon stored in soils supporting those systems



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#### 57 Global Research Alliance member countries – almost all are in the LRG

#### What we do

GLOBAL RESEARCH ALLIANCE ON AGRICULTURAL GREENHOUSE GASES

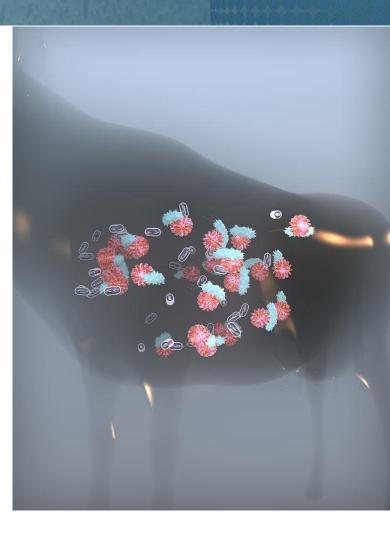
The LRG works together to advance global research on livestock GHGs, at the same time as supporting countries to achieve their own agriculture and climate change priorities.

We are a community of scientists, policymakers and other government officials, working with international and regional partners.



#### Recent research achievements

- LRG project found that targeting hydrogen in the rumen may reduce methane
- Hungate1000 findings published in Nature
- Good progress being made in GRA flagship projects on breeding, manure management and feed including supporting postdocs from developing countries
- A number of livestock projects cofunded by the European Commission via ERA-GAS





# Capability building during 2018/19



**Tier 2 inventory** 

approaches in the

vestock sector:

collection of agricultural greenhouse

#### Focus: Helping countries move towards Tier 2 inventories for livestock emissions

- New resources to help countries measure, report and verify livestock GHGs - see www.agmrv.org
- Awareness raising workshops in West, East and Southern Africa
- Support for countries to progress towards Tier 2 – Indonesia, provincial China, Kenya
- Ongoing work with CCAC on low emissions livestock development



- Addressing the growing diversity of the LRG, accommodating member expectations (nearly 60 countries)
- Engaging more actively internationally as global attention increases on livestock's impact on climate change
- Growing our resource base so that we can sustain/increase our current level of activities
- Identifying new research opportunities



# Any questions?

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