

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

Global Research Alliance on Agricultural Greenhouse Gases



AT A GLANCE

67
member
countries

27 partner
organisations

Over **3000** scientists
involved in activities of the GRA

6 GRA Flagship Projects
and a further...

141 international
collaborative projects
supporting the GRA, and...

228 fellowships awarded to
recipients from **49** countries

4 Research
Groups



Paddy Rice
Research
Group



Livestock
Research
Group



Croplands
Research
Group



Integrative
Research
Group



17 Science
Networks



51 technical training
workshops held



66 technical guidelines,
resource materials and
databases produced



GRA Partners

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES



Accelerating Global Mitigation Research

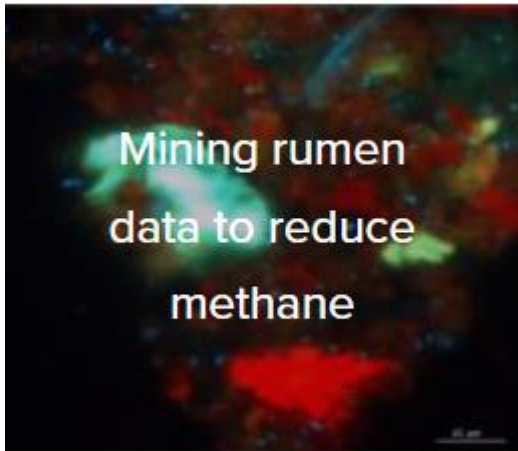
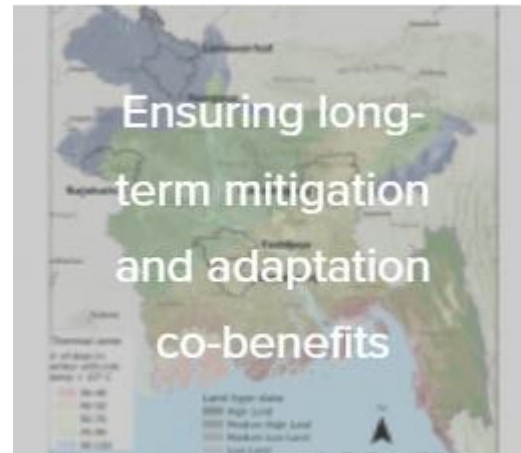
Projects

- pull together countries to enable global coverage and large data sets
- past flagships have provided the underlying science for the existing types of mitigation technology being explored (e.g. breeding, inhibitors etc)

Multinational research calls

- involvement in the EU led initiatives (e.g. Horizons Europe, EJP-Soils and the ERA-NETs) and the Americas based Greener Cattle Initiative.

Regional Research and Development partnerships – NZ FONTAGRO



- Scholarship programmes: a range of programmes supporting early career scientists from developing countries, delivered in New Zealand and internationally focused on building capability through training and extension.
- Inventory improvement programme: includes Climate Smart Initiatives in the Pacific, ASEAN, Southern and Eastern Africa and Latin America and the Caribbean to commence.
- Includes focus on developing tier 2 reporting for key sources of emissions – delivered through training workshops, peer support and inventory research programmes.

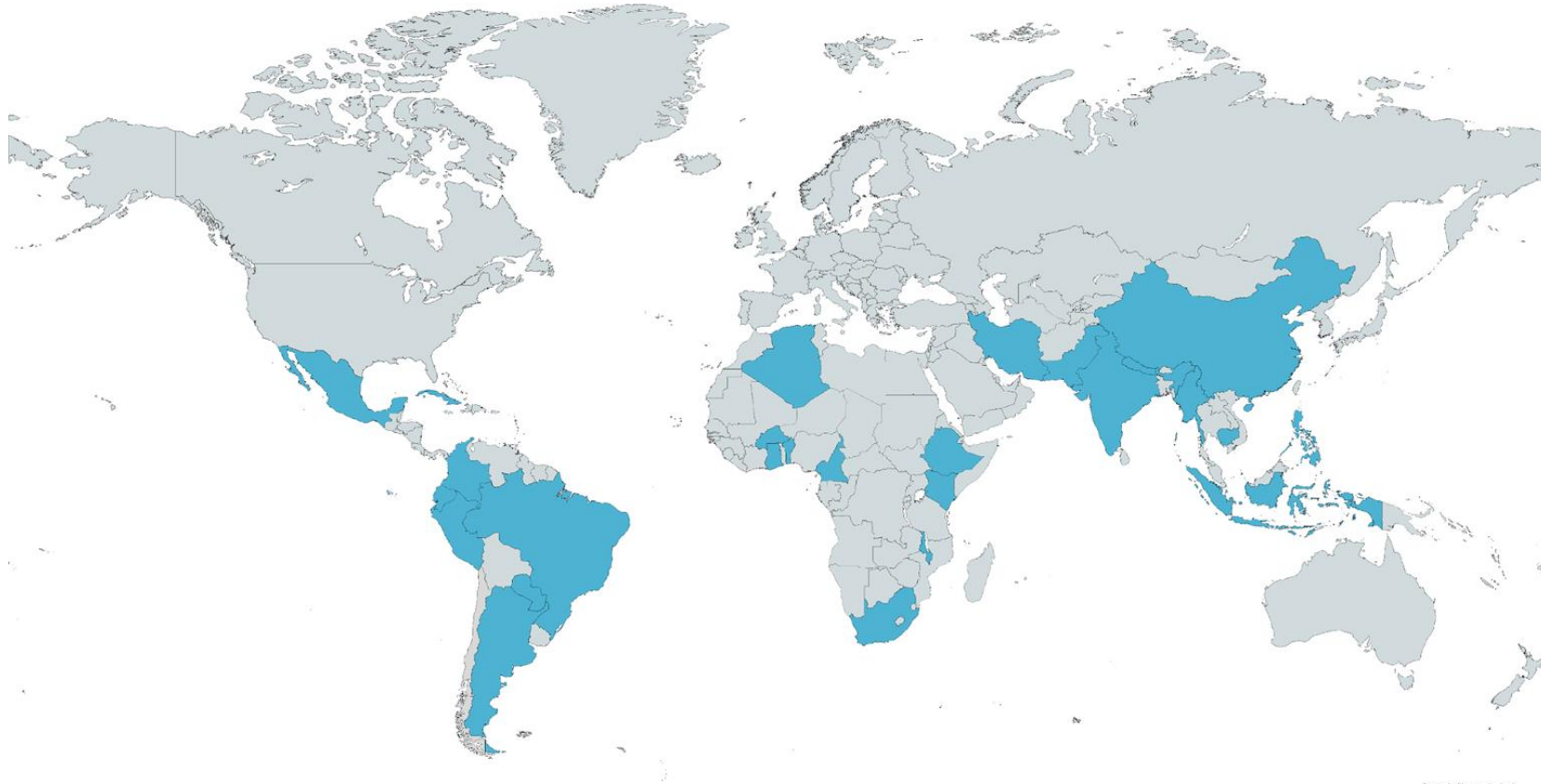
CLIFF-GRADS Programme - Overview



- **Climate, Food and Farming, Global Research Alliance Development Scholarships Programme (CLIFF-GRADS)** is a joint initiative of the **GRA** and **CGIAR Research Initiative on Low Emission Food Systems (Mitigate+)**
- Scholarship of USD12,000 supports PhD students from developing countries for a research visit of up to 6 months.
- Research projects focus on measurement, modelling and mitigation of GHG emissions, or measurement, modelling and enhancement of carbon storage in agricultural systems relevant to developing countries.

CLIFF-GRADS Programme - Overview

176 awardees, from 36 countries



You can't mitigate what you can't measure

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

CCAFS Report No. 17

Measurement, reporting and verification of livestock GHG emissions by developing countries in the UNFCCC: current practices and opportunities for improvement



Andreas Wilkes
Andy Reisinger
Eva Wollenberg
Suzanne van Dijk



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security



MAGGnet

Managing Agricultural Greenhouse Gas Network

