

GLOBAL
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ON AGRICULTURAL GREENHOUSE GASES

Dr Harry Clark

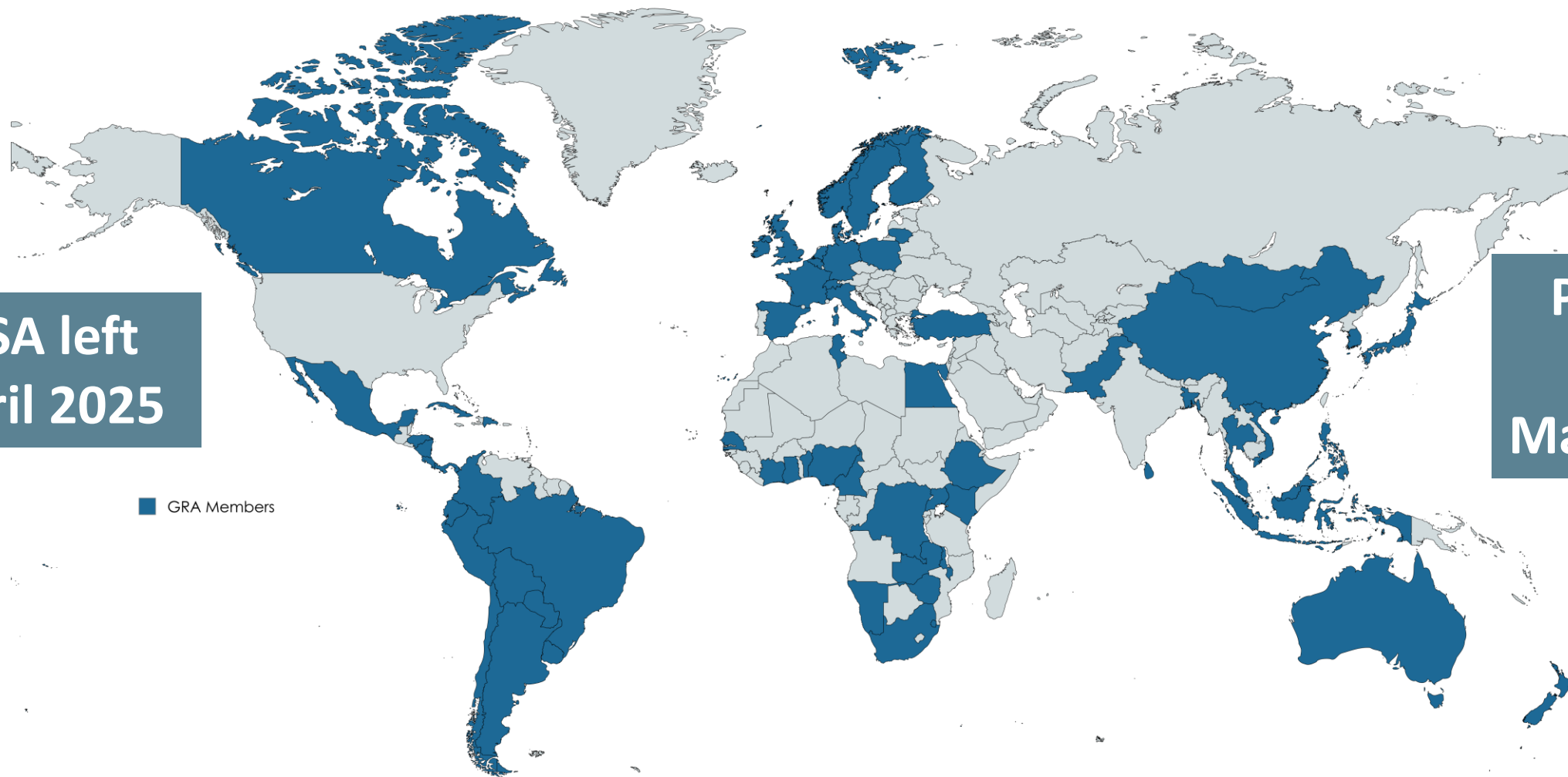
Special Representative Update

LRG meeting Nairobi October 2025

GRA Members

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USA left
April 2025

Pakistan
joined
March 2025

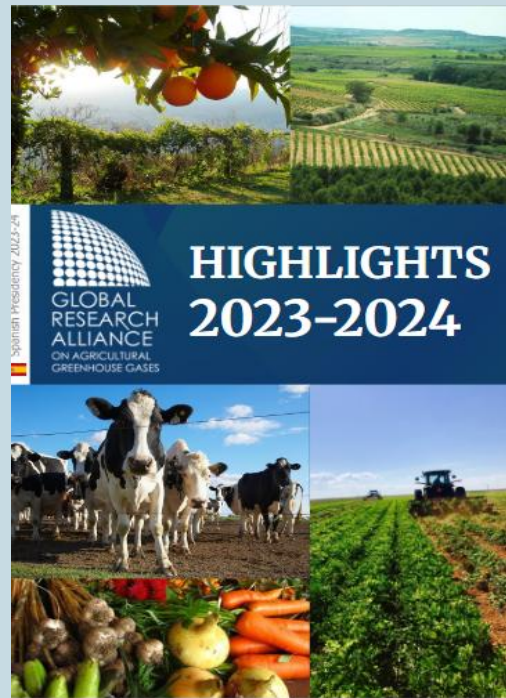
■ GRA Members

GRA Publications

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- **Annual Highlights reports**



- **Capability Programmes**

Webinars and Newsletter

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2025 Webinars:

LRG-MMN Webinar: Manure management and GHG emissions in sub-Saharan Africa (*upcoming, 16 June*)

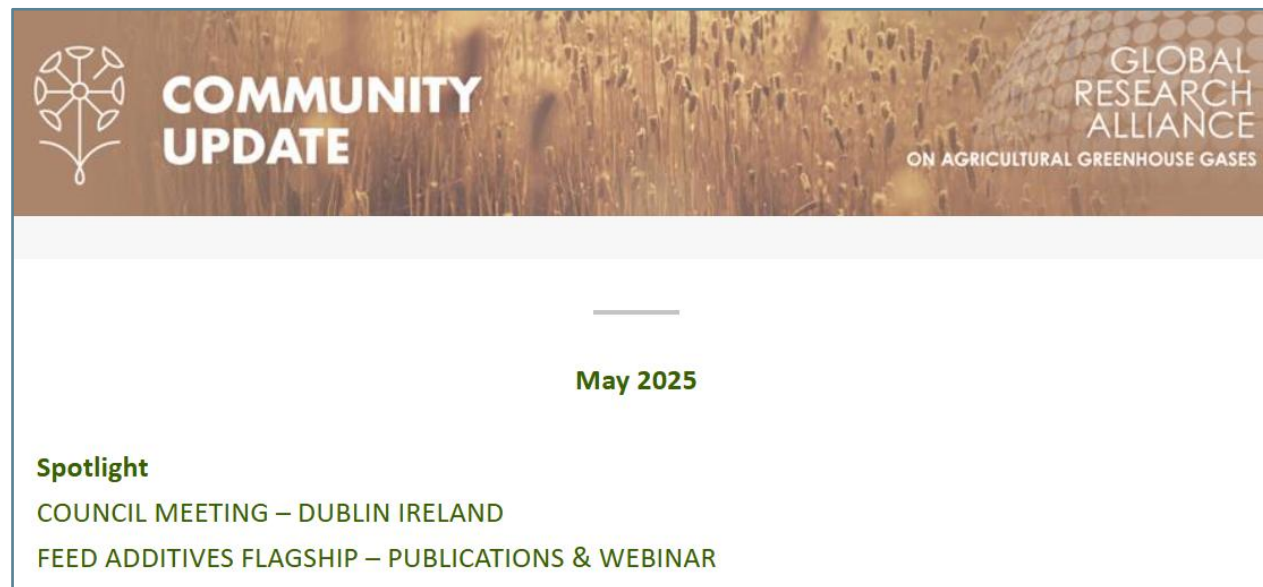
N-Flagship Webinar: Nitrogen mineral fertilisers, updates on methodologies and relevant work for inventory improvement

LRG-MMN Webinar: B0 for IPCC inventories and biogas production

Feed Additives Flagship Project | FNN Webinar

CRG webinar: Agroecology, agroforestry, bioeconomy and policy

The Rice Activity Monitoring and Reporting System (A digital tool to support country GHG inventory and MRV)



Sign up to the GRA Newsletter on our website

- News from the GRA and Partners
- Upcoming events and webinars
- Publications
- Job opportunities
- Fellowships and Awards

CLIFF-GRADS

Climate, Food and Farming, Global Research Alliance Development Scholarships Programme

Aim: to build the capability of PhD students from low- and middle-income countries to conduct applied research in agricultural greenhouse gas emissions quantification and mitigation.

A joint initiative of the **GRA** & CGIAR's **Mitigate+ Initiative**, this programme offers grants to PhD students from low- and middle-income countries to conduct applied research in agriculture greenhouse gas emission quantification and mitigation.

- ☐ More than 200 PhD students have received awards since 2017
- ☐ Round 6 - 39 students are at different stages of their research stays
- ☐ Round 7 - will launch in 2025
- ☐ Join the programme's new [LinkedIn page](#) to learn more about the achievements of our scholars.



CIHEAM Training

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- “*Cattle breeding for low methane emissions*” course led by the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), 24-28 Feb, 2025.
- Part of Horizon Europe Re-Livestock project.
- Co-organised by CIHEAM and the GRA, in collaboration with the Basque Institute for Agricultural Research and Development, WUR, and INIA-CSIC.
- Programme led by experts: Birgit Gredler-Grandl and Coralia Manzanilla-Pech
- Opening lecture by Roel Veerkamp (WUR) and Hayden Montgomery (GMH).
- GRA provided financial support for 7 participants from Mexico, Brazil, Argentina, and Colombia.



AGRIGHG 2024



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AgriGHG
2024

International Research Symposium on
Agricultural Greenhouse Gas Mitigation
From Research to Implementation

Photo compilation



Hosted by the German Federal Ministry of Food and Agriculture

Co-organised by GRA, CGIAR, German Federal Research Institute, Theunissen

**200 delegates from 40 countries - abstracts available at
<https://www.agrighg-2024.de/>**



G20
SOUTH AFRICA 2025

Meeting of G20 Agricultural Chief Scientists (MACS-G20)

26 -28 May 2025

**PROTEA HOTEL THE RANCH RESORT
POLOKWANE, LIMPOPO, SOUTH AFRICA**

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Represented GRA at G20MACS – invited keynote presentation to the session:

Reinforcing Climate Smart Agriculture: Resilience, Mitigation and Early-Warning Systems

Flagships

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Protocol for including mitigation actions in agricultural LCA assessments (MiLCA)

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- GRA partnering with 5 major dairy companies to produce a publicly available methodology for incorporating mitigation technologies into dairy LCA
- Feed Additives Flagship provided critical information to allow the methodology to be 'road tested' using feed additives as the test case
- INDC input provided critical IPCC Good Practice context



**Available on GRA
website June 2025**





- While many countries have methane reduction strategies in place, this is the first internationally coordinated approach to methane mitigation funding
- Support from GMH secured for “Rumengate” Flagship (led by S. Huws)
- GRA Partner EDF secured support for a pilot project on the potential of improved animal health to decrease GHG emissions. GRA Animal Health Network working with EDF to develop good practice ‘guidelines’, supported by case studies in 5 countries in partnership with Global Dairy Platform.
- GRA countries contributing to a global database of CH₄ measurements obtained from the Greenfeed measurement system – project aim is to develop improved SOP for Greenfeed deployment under different situations.



CCAC undertaking a major Integrated Agriculture and Food systems report focussing on future emissions, climate impacts and associated impacts on agricultural productivity and human health.



Mitigation potential being assessed from a technical and behavioural perspective using an behavioural model (ADOPT).



GRA members surveyed to help drive country level inputs to the ADOPT model – in excess of 400 responses. Scientists from GRA countries will help write the report.