

GLOBAL METHANE HUB

Our contributions to livestock MRV capacities in Latin America

Annual Council Meeting of the GRA

Santiago Fariña

7th July, 2026



AGRICULTURE PRIORITY ACTIONS



Improve
measurement and
accountability



Encourage
company action



Motivate win-
wins



Influence
public policy



Accelerate
R&D



Catalyze finance
and investment



Inhibitors



Genetics



Measurement Tools



Vaccines



**Anti-Methanogenic
Feedstuffs**

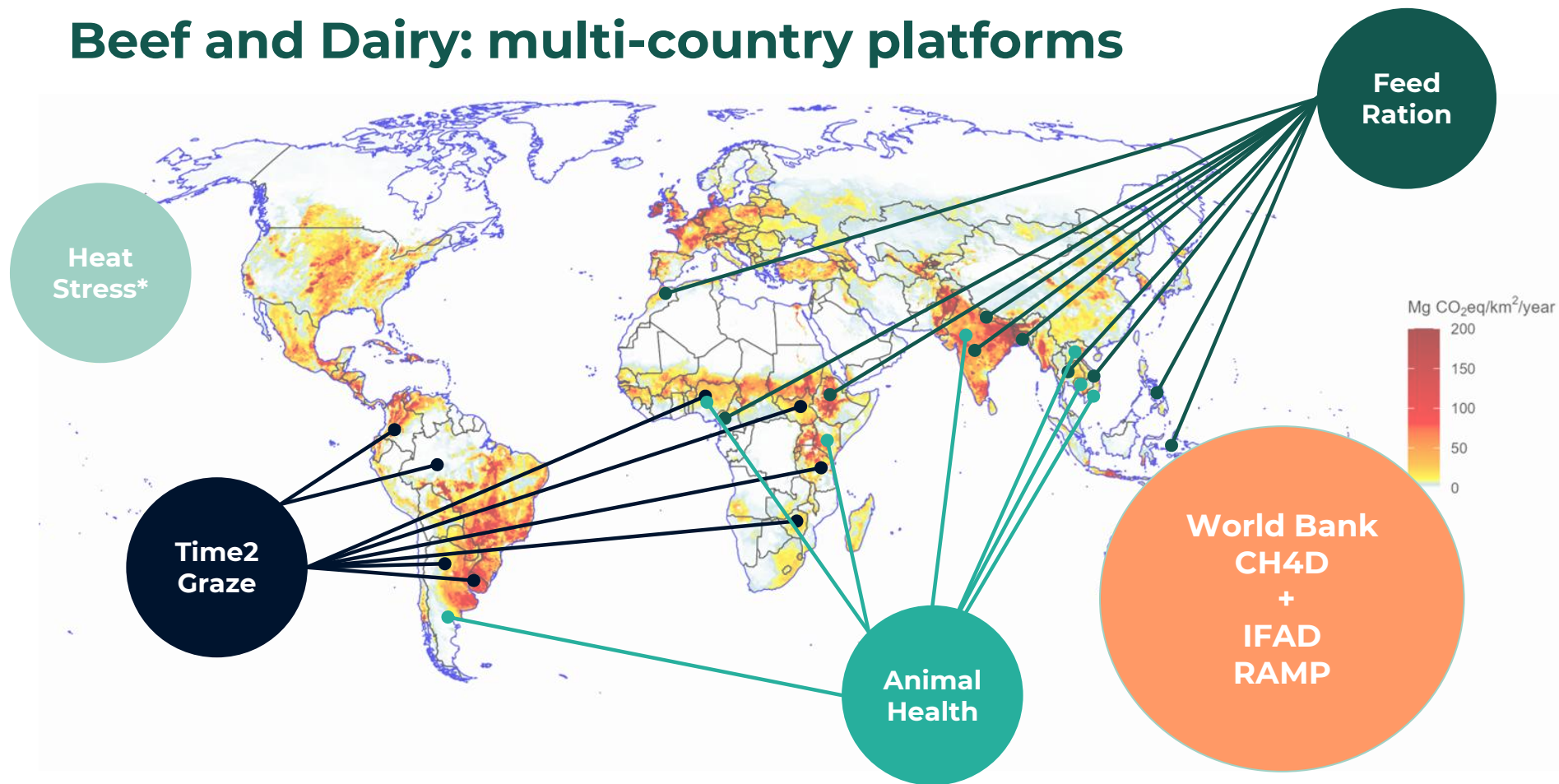


**Rumen
Microbiome**

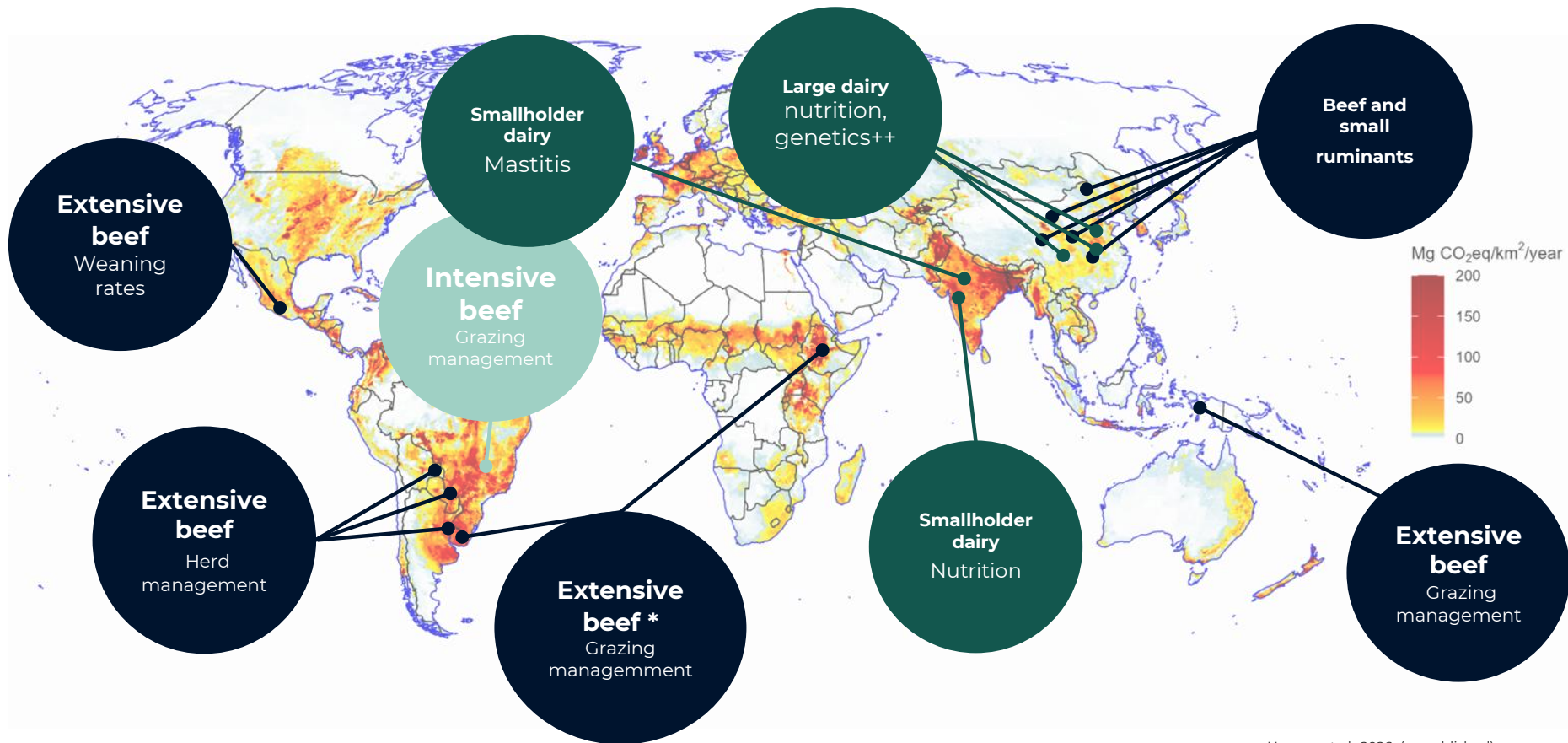


**Physiology and
Behavior**

Beef and Dairy: multi-country platforms



Beef and Dairy: subnational demonstration and MRV





Gran CH4co Ganadero

2020-2024 90 pilot farms (FONTAGRO)

2025-2028 26 pilot farms (GMH)

Livestock management app

INTA | GESTIÓN GANADERA

Ingrese su email:

Ingrese su Contraseña:

INICIAR SESIÓN

Resultados

- Índice Preñez: 1
- Índice de Partición: 1
- Índice de Destete: 1
- Merma Preñez-Parto: 1
- Merma Parto-Destete: 1
- Carga en Equivalentes Vaca (EV/ha): 1
- Receptividad (EV/ha): 1
- Producción total de carne(kg/año): 1
- Producción de carne por ha(kg/año/ha): 1
- Producción por vientre (kg ternero/vientre): 1

Grazing management app



GHGs Calculator
(IPCC based)



Instituto Paraguayo de Tecnología Agraria



Projects with MRV focus

- ✦ **Technical Support for Improving Methane Emissions Data and Projections in Agriculture and Waste** (UNFCCC, 2025-2029) → 20 countries
- ✦ **Zelp Sense: Extension and Grazing Validation Trials** (Zelp Ltd., 2025-2026) → 4 countries
- ✦ **Accurate Measures from Cattle with the GreenFeed System** (Cornell University, 2024-2027) → 20+ countries
 - ✦ **Improvement of Manure Methane Potential** (New Zealand Institute for Bioeconomy Science Ltd., 2025-2028) → 12 countries.
 - ✦ **Uncertainty Calculator for Tier 2 Cattle Methane** (CIAT; 2026)



Remaninig gaps

1. **On-farm MRV systems for finance mechanisms** → to be competitive, cost-effective, reliable and sustainable after pilot projects.
2. **Tools or frameworks** for countries to build more comprehensive mitigation roadmaps → reflecting the impact of forage, health, management interventions
3. **Improvements in private mainstream tools** (e.g. Cool Farm Tool) to represent a more ample range of systems (i.e. grazing/mixed) and management.

Thank you

