

Building Inventory Capability: The NZ Climate Smart Agriculture (CSA) Initiative

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GRA Council Capability Session: Current GRA Activities in Latin America

Nicolás Costa,
Latin America Research and Policy Lead

New Zealand's international programme implemented through the GRA

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Climate Smart
Agriculture Initiative
New Zealand



Te Kāwanatanga
o Aotearoa
New Zealand Government



Contacts:

nicolas.costa@globalresearchalliance.org

lee.nelson@ag-emissions.nz

Beyond project delivery: What challenges remain?

Despite working in different regions and contexts, all four projects identified remarkably similar challenges.

Challenge	What the projects showed
 Data systems	Limited activity data, country-specific emission factors and agricultural statistics remain the main barrier to higher-tier inventories.
 Institutional capacity	Long-term progress depends on stable inventory teams, institutional coordination and national ownership.
 Continuous improvement	Transitioning to Tier 2 is not an endpoint—it requires ongoing research, methodological development and validation.
 Regional cooperation	Communities of Practice and peer-to-peer exchange accelerate learning and reduce duplication.
 Sustained investment	Implementing inventory improvement plans requires long-term funding beyond individual projects.

Common priorities emerging across the Initiative

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Strengthen national data systems

- Better agricultural statistics
- Country-specific emission factors
- QA/QC and monitoring systems

Continue methodological development

- Expand Tier 2
- Applied research
- Stronger links between inventories and mitigation monitoring

Build lasting institutional capacity

- Permanent inventory teams
- Agriculture–Environment coordination
- National ownership

Sustain regional collaboration

- Communities of Practice
- South–South exchange
- Technical mentoring

Emerging opportunities for future collaboration

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Scale successful regional approaches

- Expand Tier 2 to new countries and categories
- Consolidate Communities of Practice
- Strengthen South–South cooperation

Connect mitigation with transparency

- Quantify mitigation impacts
- Integrate mitigation monitoring into national inventories
- Support NDC implementation

From inventories to mitigation implementation

- Establish pilot farms
- Validate mitigation practices under commercial conditions
- Generate environmental and economic evidence

Thank you