



**Ministerio
de Ganadería,
Agricultura y
Pesca**

Strengthening Agricultural GHG Inventories in the Southern Cone: A Collaborative Regional Process – A Case Study from Uruguay

July 7, 2026

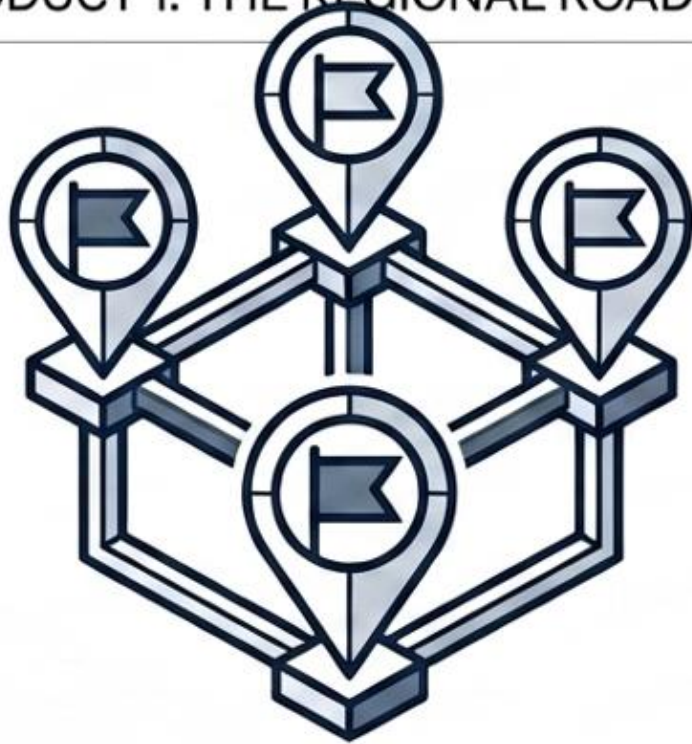
María José Alegrette

*Technical Specialist at OPYPA and Member of CAS
Technical Group 4 (GT4)*

Moving from Regional Consensus to National Execution

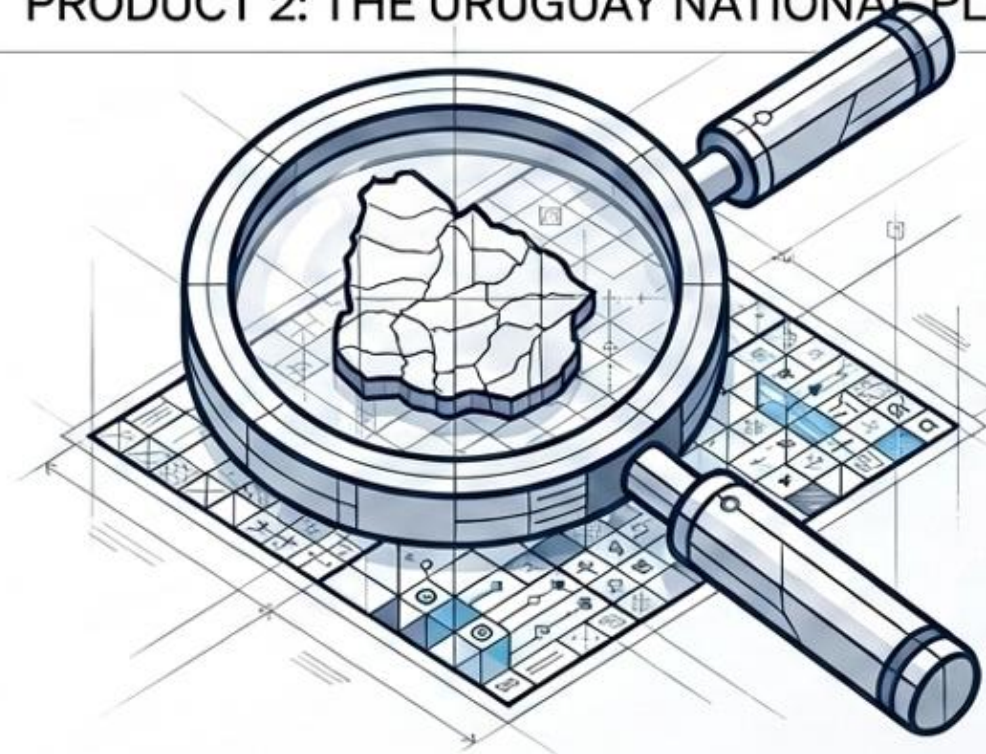
This consultancy was conducted within the framework of the Southern Agricultural Council (CAS), comprising Argentina, Brazil, Paraguay, Chile, and Uruguay.

PRODUCT 1: THE REGIONAL ROADMAP



Advancing robust, coherent, and comparable MRV methodologies under the Southern Agricultural Council (CAS) mandate.

PRODUCT 2: THE URUGUAY NATIONAL PLAN



Customized capability building, translating regional methodology into a functional, country-specific pilot.

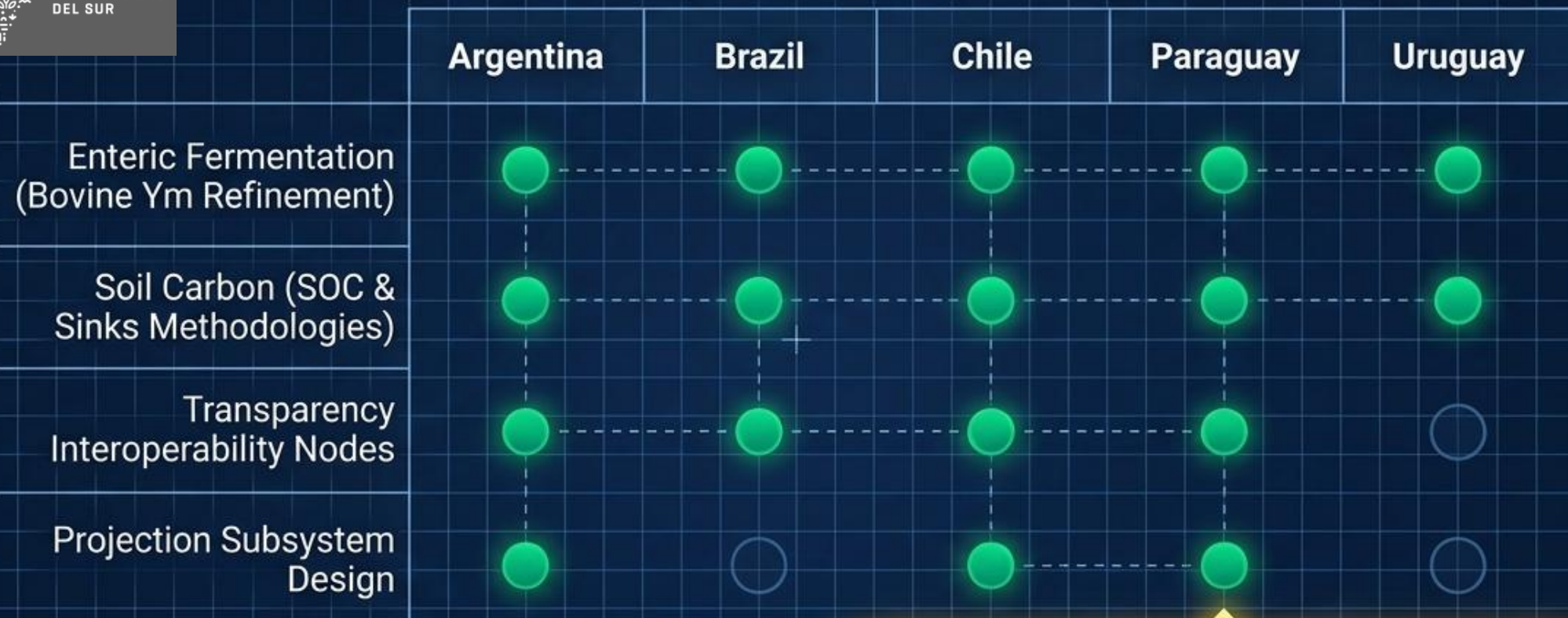
Tracking Regional Consensus Across Prioritized Action Areas

CAS



CONSEJO
AGROPECUARIO
DEL SUR

Diagnostic Heatmap



Insight: 100% regional consensus on upgrading Bovine & Soil measurement frameworks.



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A collaborative regional process, with:

- National assessments
- Regional technical dialogue
- Identification of common priorities
- Regional roadmap
- National improvement plans.

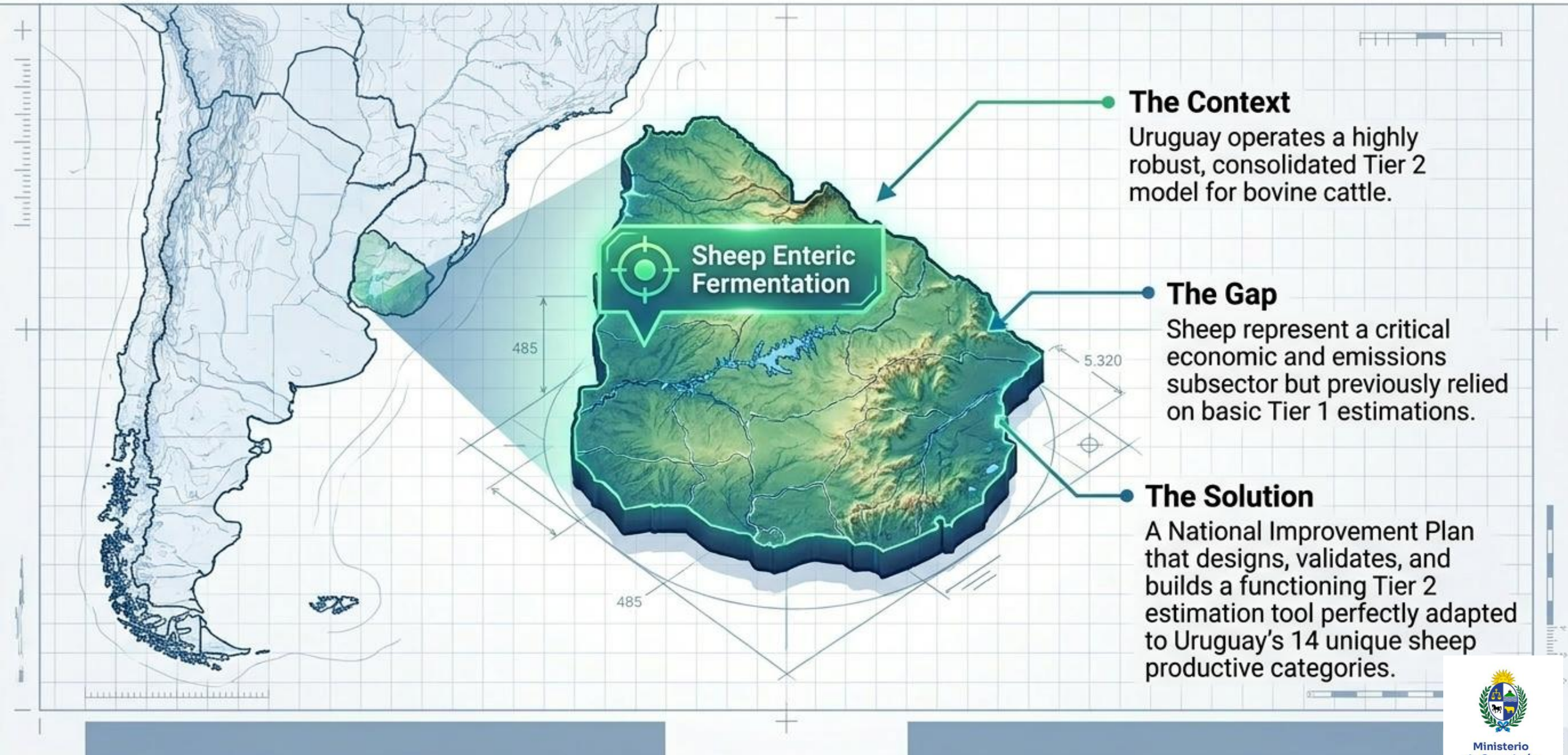
Key message: Common technical vision with differentiated implementation.



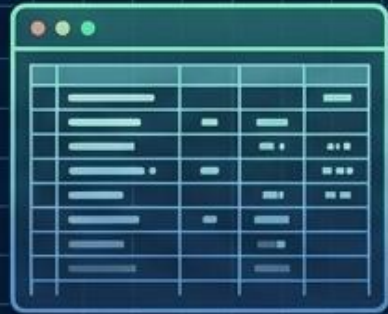
Presenting the Regional Roadmap and the Uruguay Tier 2 Pilot.



Translating Strategy to Reality: Uruguay's Tier 2 Sheep Methodology



Transforming Administrative Records into Tier 2 Precision



1. Input (Raw Data)

DICOSE Annual Declarations
(Standard administrative statistics).



2. Transformation Engine

Mathematical conversion
mapping administrative records
into 14 specific Biological
Categories (e.g., suckling lambs,
breeding ewes, wethers).



3. Parameter Integration

Application of validated
national variables (Initial/Final
Weight, Wool Production,
Digestibility, Y_m).

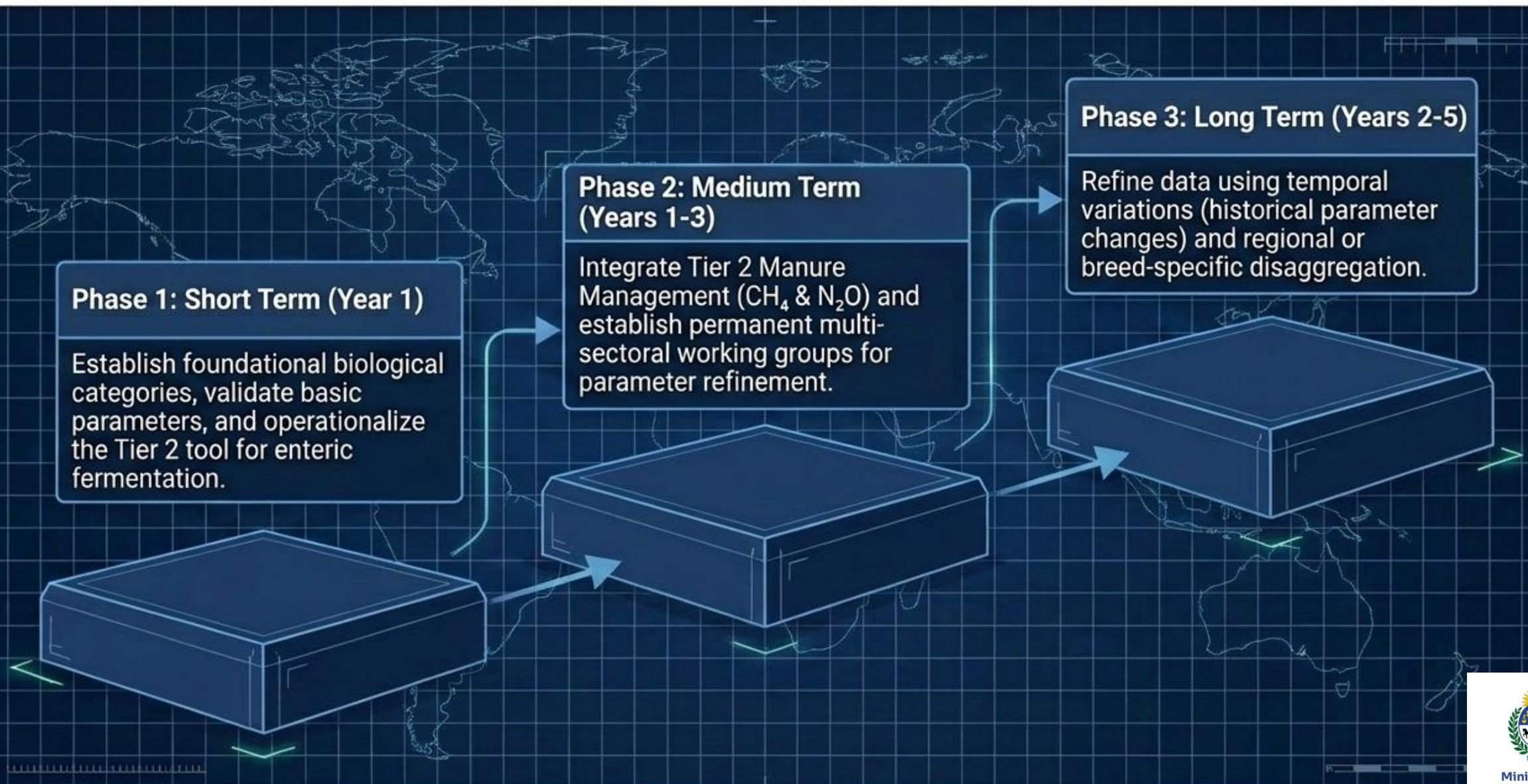


4. Output (Precision Data)

IPCC 2006 Tier 2 Enteric
Fermentation Emission
Estimates (1990-2024 series).



Phasing Continuous Improvement to Match UNFCCC Reporting Cycles





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Thank you for your attention.