

*Developing mitigation strategies
for the livestock sector in a
collaborative approach across the
Southern cone*

July 6, 2026

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PROCISUR

An institutional platform that integrates and connects the National Agricultural Research Institutes of Argentina, Brazil, Chile, Paraguay, and Uruguay, together with IICA.

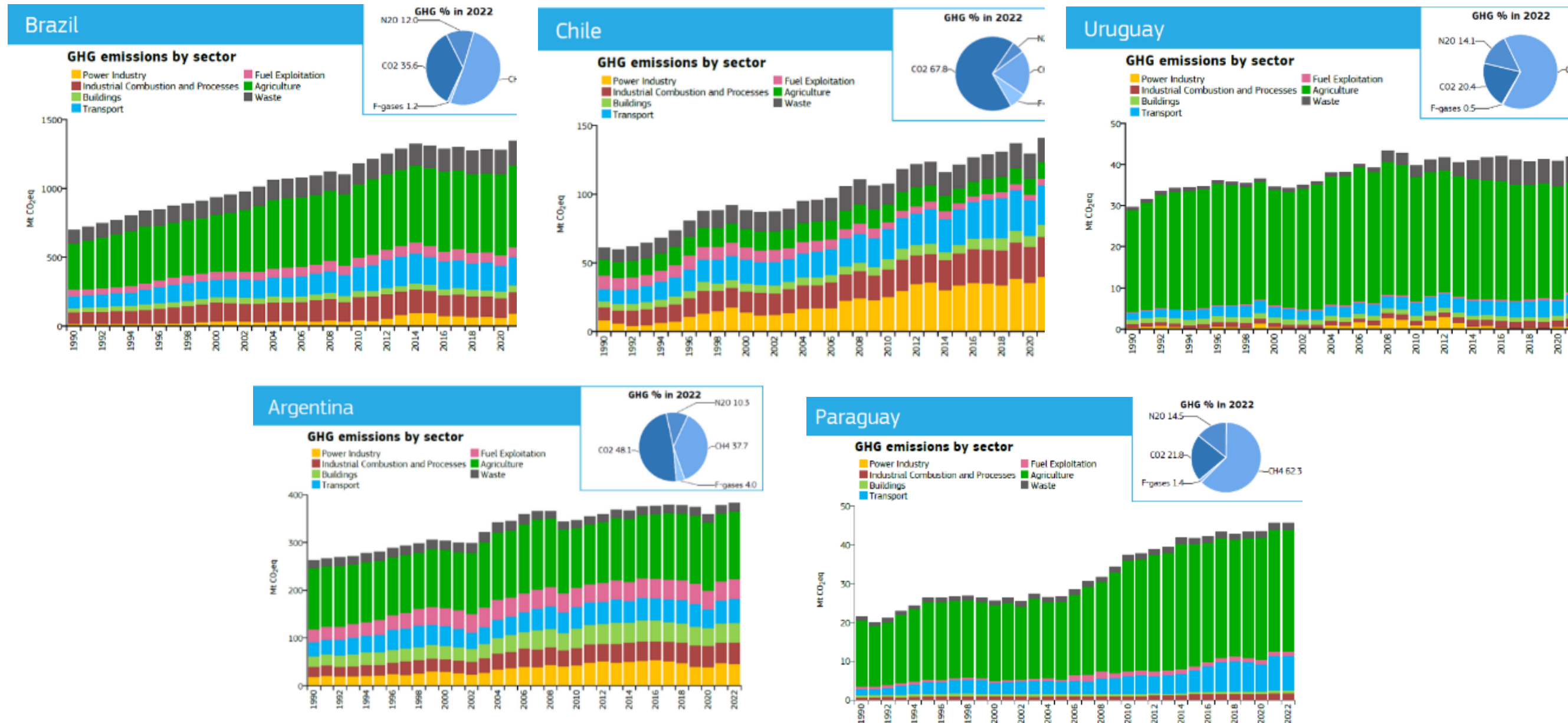


Working group on Sustainable Livestock Systems (GANASUR)



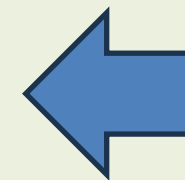
- **Aim:** to implement an agreed regional research agenda to support and enhance sustainable livestock production in the Southern Cone
- **The GANASUR team includes experts in GHG mitigation, inventories, genetic and animal nutrition**

Why focus on greenhouse gas emissions from the livestock sector?



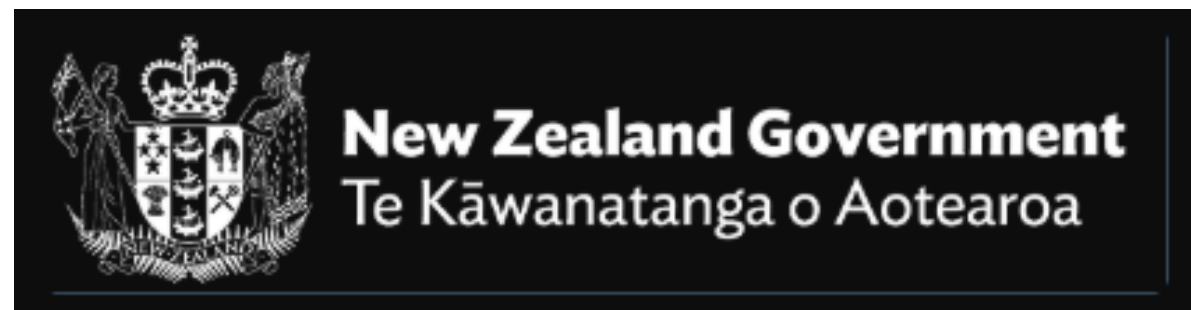
National GHG profiles differ across countries.

This highlights the need to identify cost-effective mitigation strategies for livestock systems



Objective
GANASUR Project

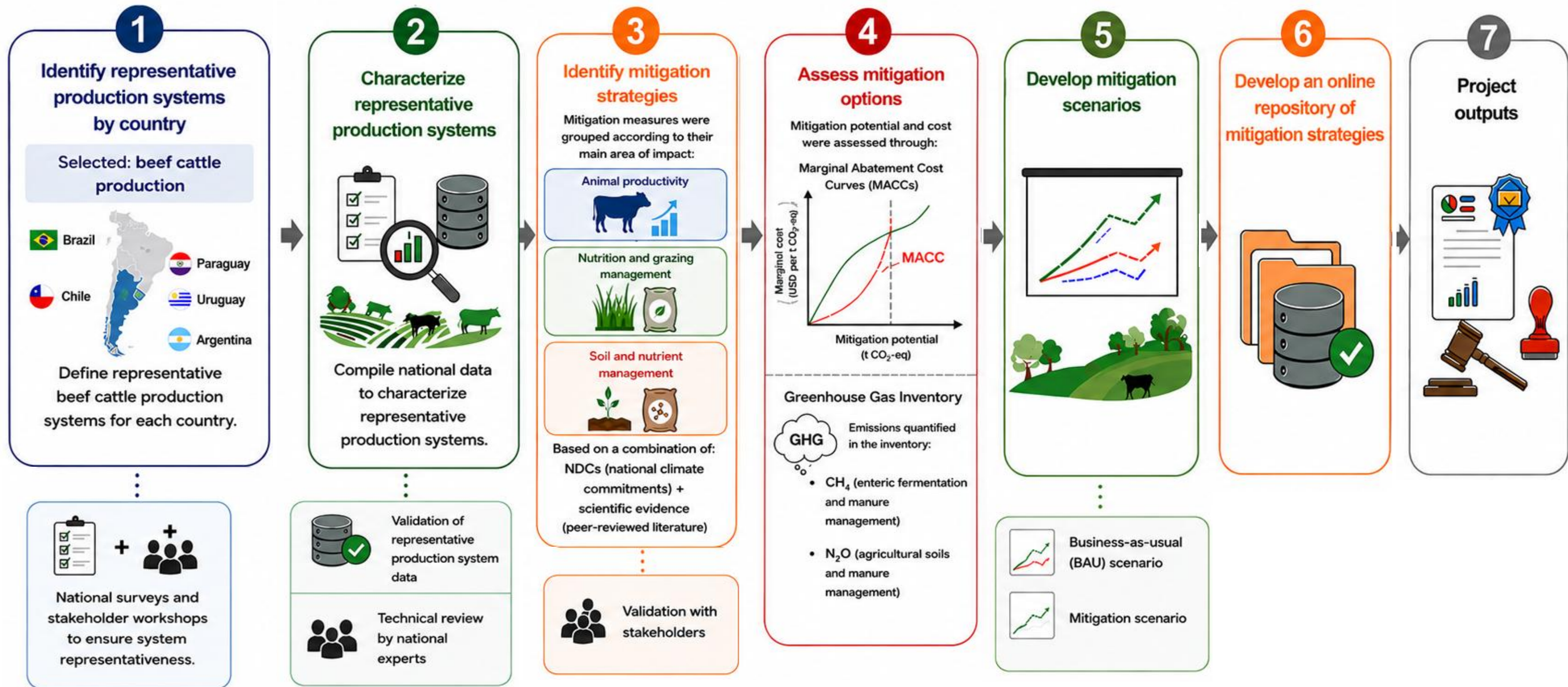
FUNDING



**Climate Smart
Agriculture Initiative**
New Zealand

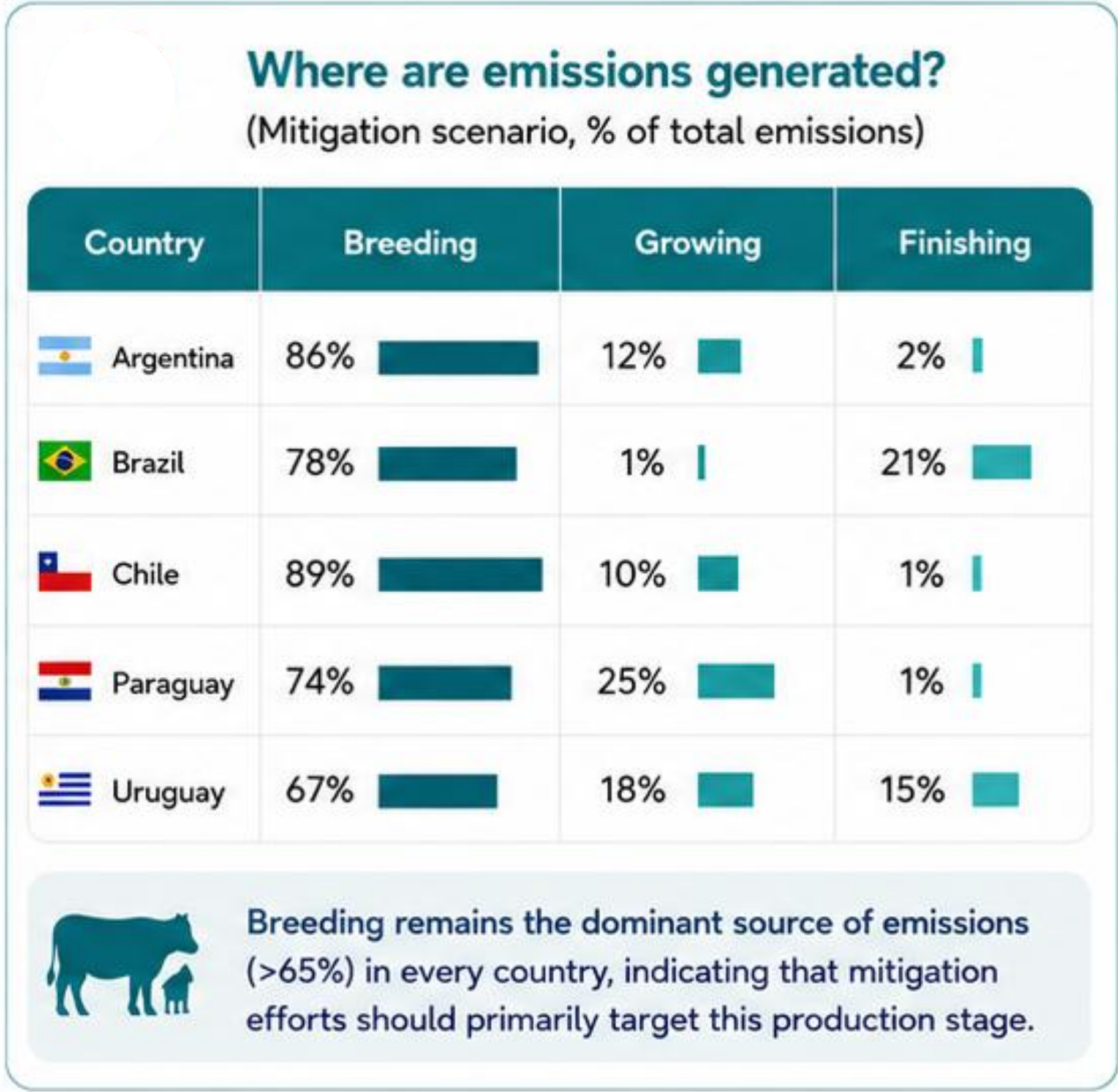


Regional methodological framework



FROM MAY 2025 TO JULY 2026

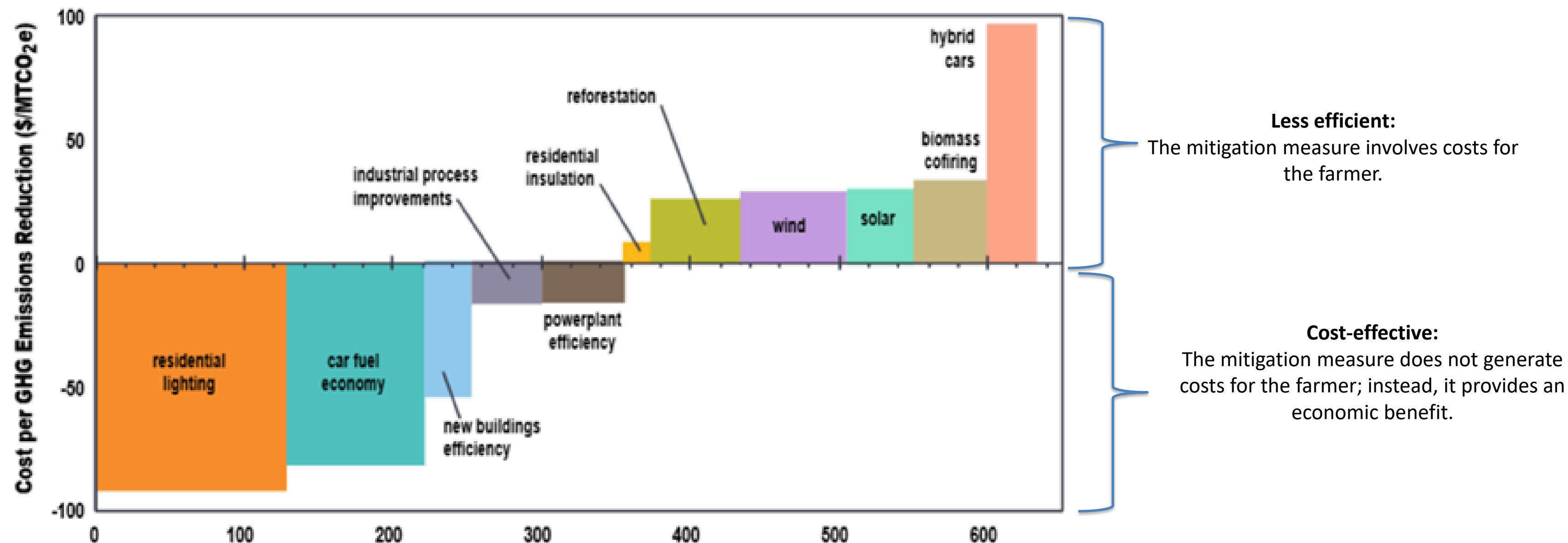
Mitigation results across southern cone beef production systems



Mitigation results across Southern cone beef production systems

Marginal abatement cost curve (MACC)

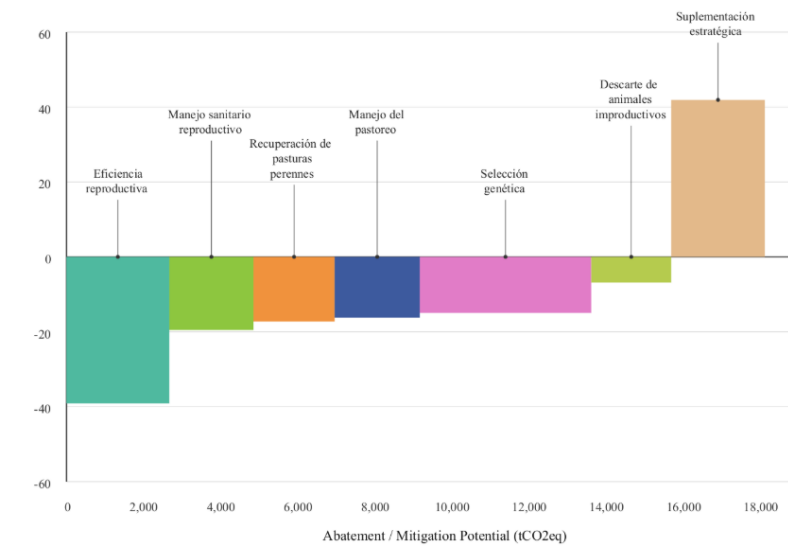
They show the estimated cost of reducing GHG emissions (USD/tCO₂eq) for each mitigation measure, ranked from the most cost-effective to the least efficient.



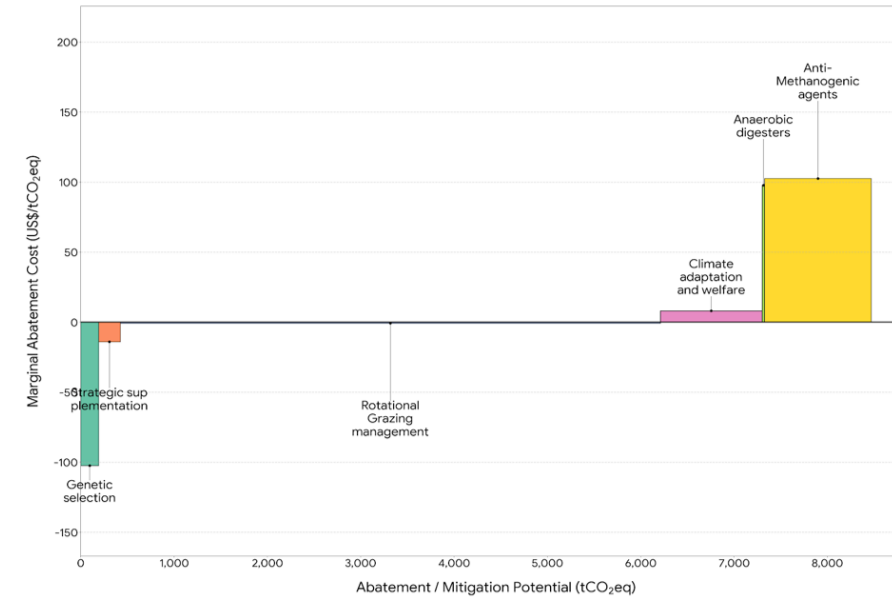
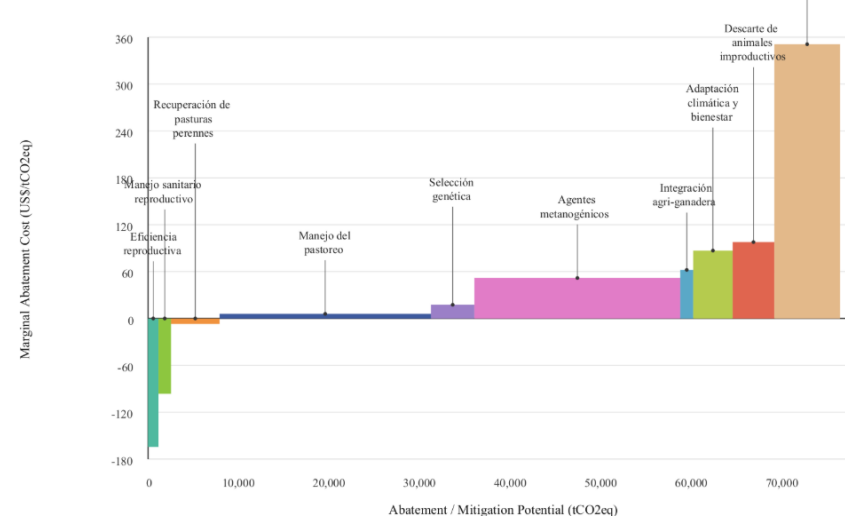
Mitigation results across Southern cone beef production systems

Marginal abatement cost curve (MACC)

Marginal Abatement Cost Curve (MACC) - Argentina

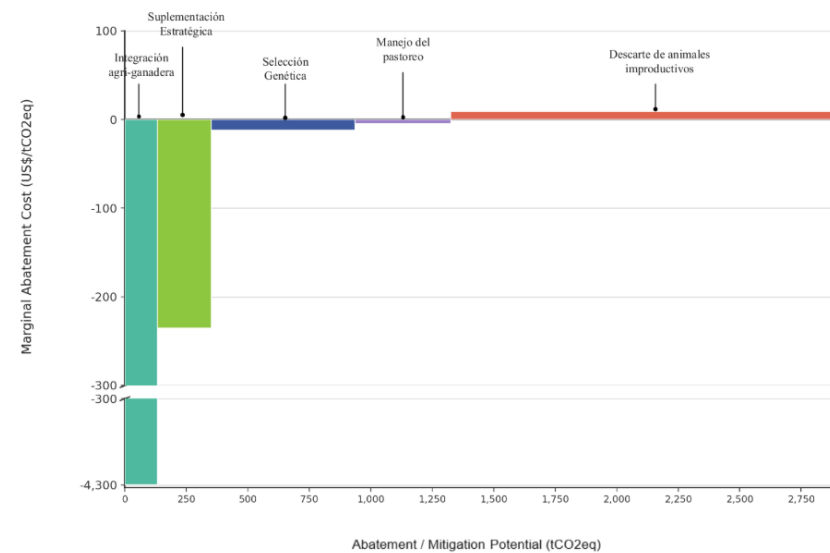


Marginal Abatement Cost Curve (MACC) - Paraguay

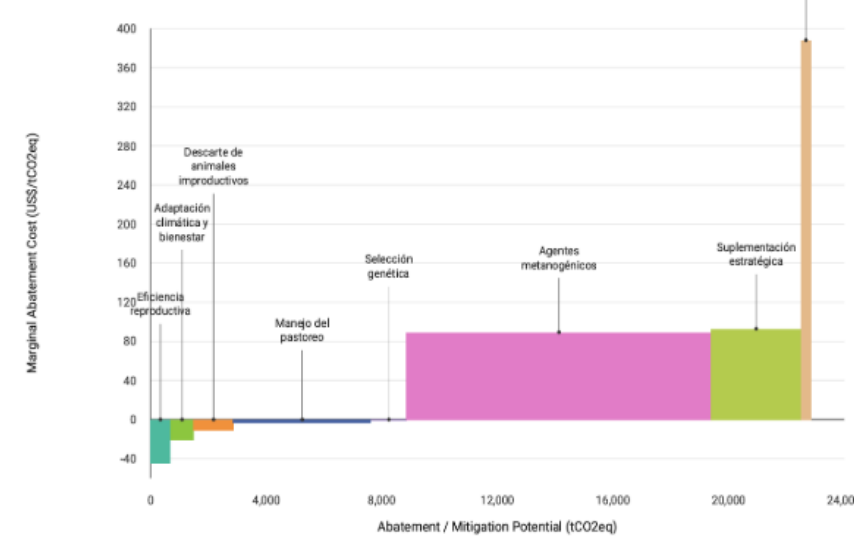


Key message: A harmonized methodological framework for Southern cone countries (Allow to classify mitigation strategies).

Marginal Abatement Cost Curve (MACC) - Uruguay



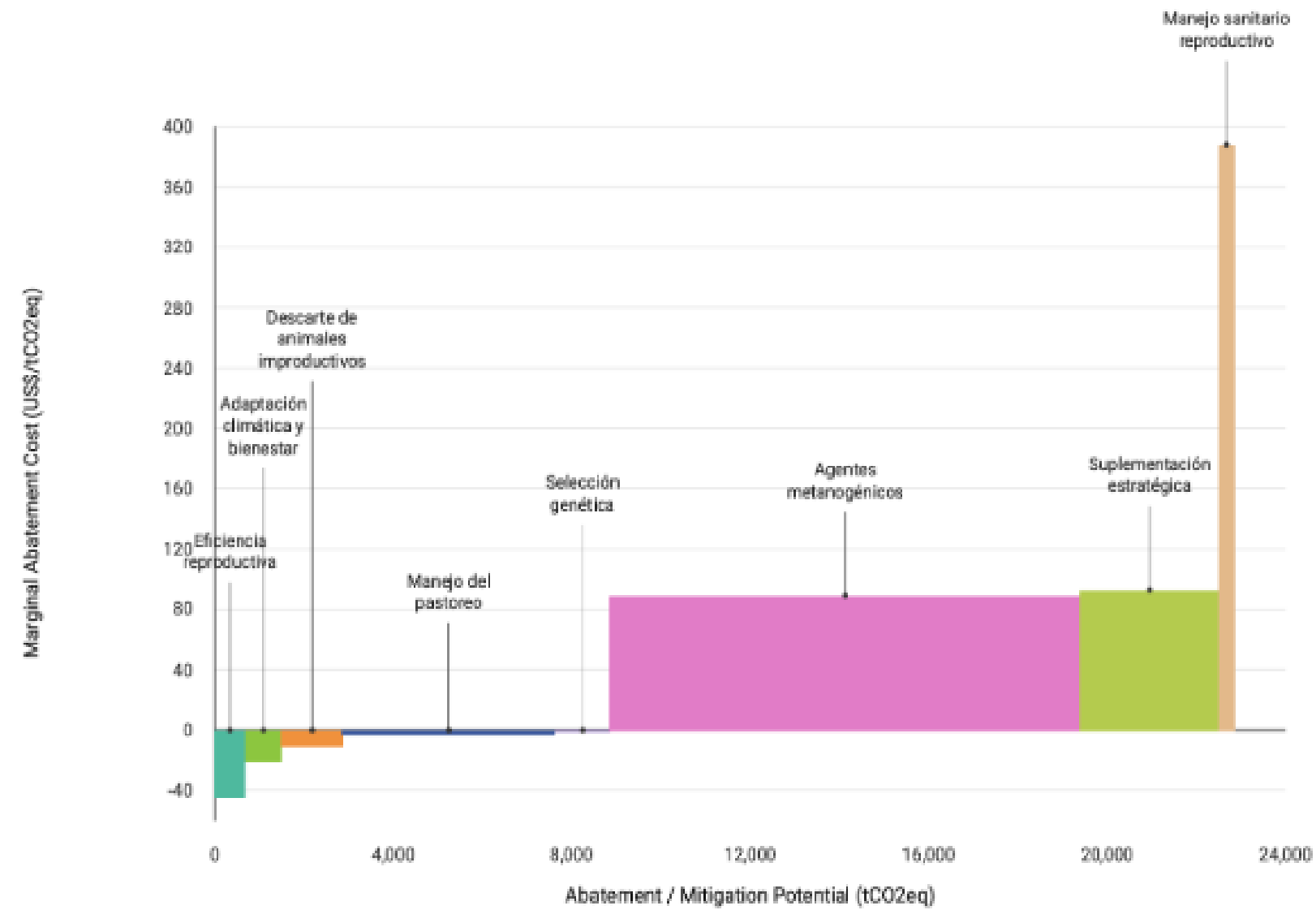
Marginal Abatement Cost Curve (MACC) - Brasil



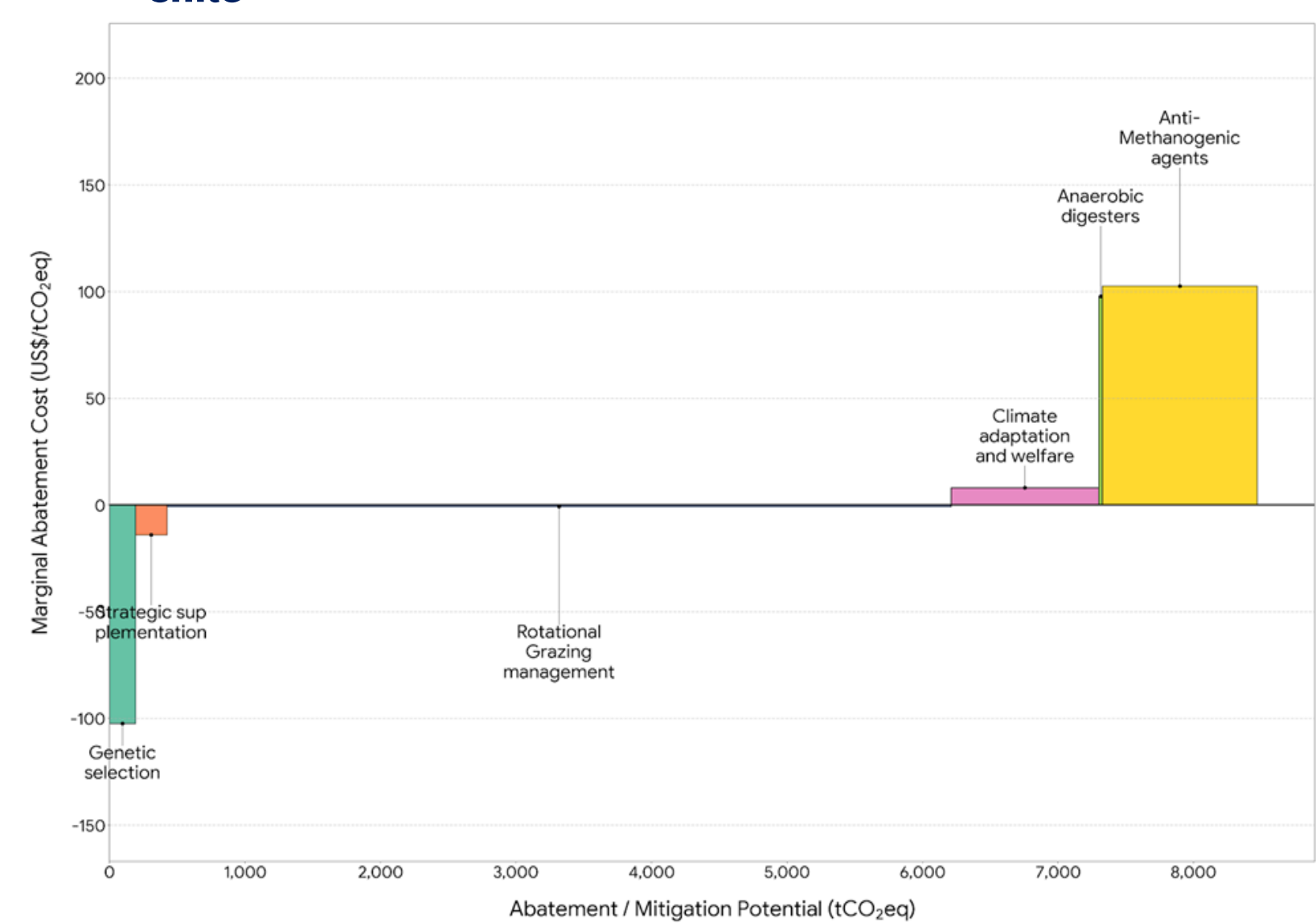
Remaining challenge: Further refinement of model parameters is needed per country

Mitigation results across Southern cone beef production systems

Brazil

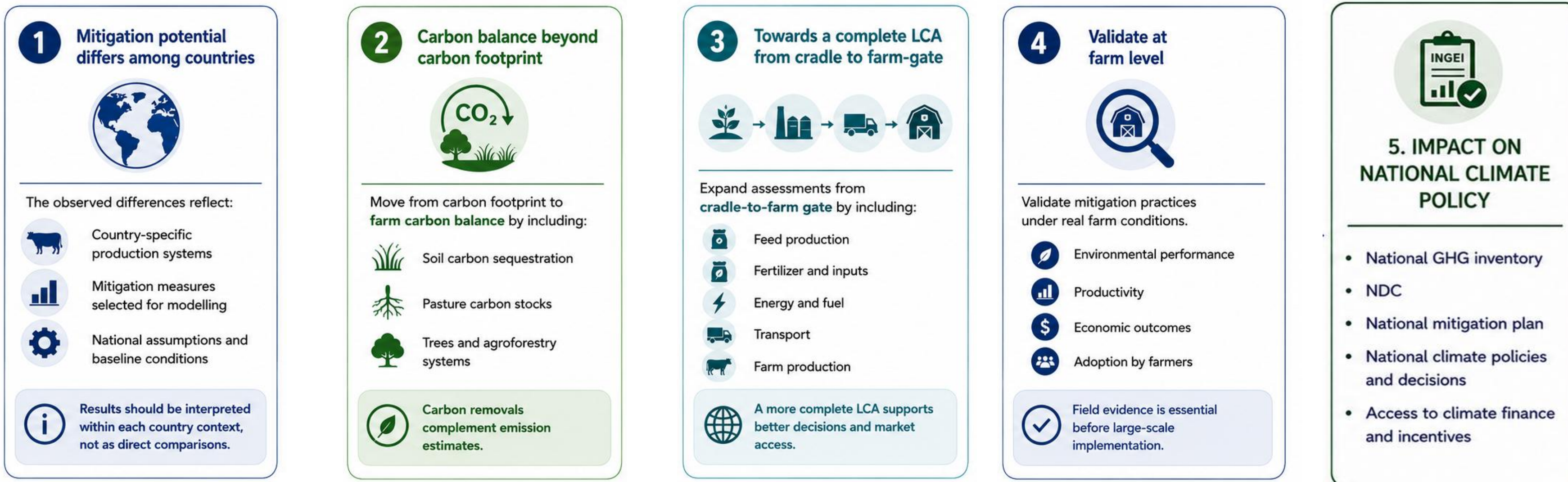


Chile



LIMITATION OF STUDY

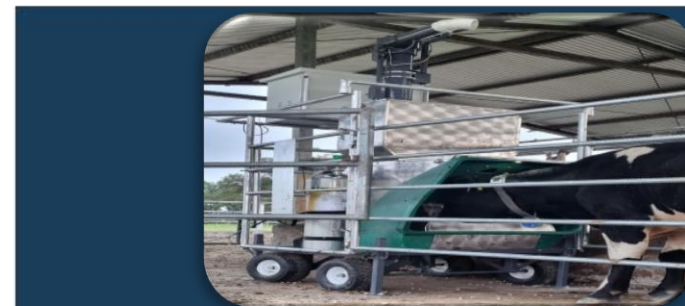
Key opportunities to improve future regional assessments



Challenge: Funding

¡Gracias! Thanks!

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