

# Latin America and The Caribbean working in dairy sustainable intensification - LACTIS

URUGUAY / ARGENTINA / COSTA RICA / CHILE / DOMINICAN REPUBLIC / ECUADOR / HONDURAS / NICARAGUA / PANAMA / PARAGUAY / VENEZUELA



Webstory



## The technological solution

The 'Dairy Systems Simulation Model' and the 'Dairy Monitor 2' were developed to evaluate sustainable dairy intensification strategies in LAC. These tools allowed to model each country's baseline systems, and propose and validate improved scenarios assessing the physical, economic, social and environmental impacts of these changes.



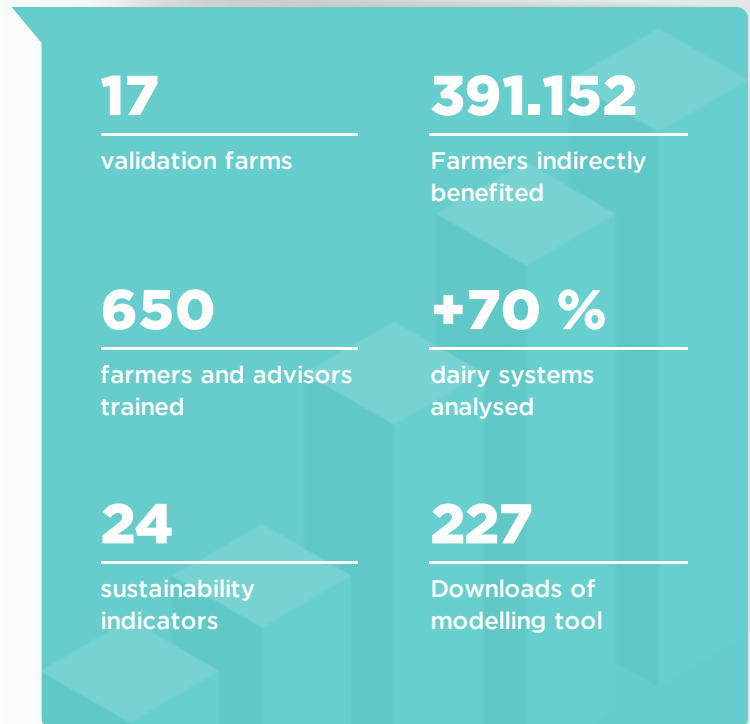
## Description

With the LACTIS Project, a cooperation platform was developed that allowed to establish a baseline, develop indicators to characterize the systems, develop and validate improved systems, and at the same time strengthen the capacities of field technicians and researchers and disseminate knowledge.



## Results

- Regional dairy production systems baseline establishment, through the classification and description of the production systems in 11 countries from LAC.
- Selection of improved strategies for sustainable intensification through the agreed selection of key performance indicators of biophysical, economic, social and environmental performance.
- Simulation of sustainable intensification strategies in each county by developing and adapting the 'Dairy systems simulation model' applicable to LAC dairy systems.
- Development and validation of improved systems in 17 pilot farms.
- Start-up of a farmler study at INTA Rafaela (TAMBO ROCA 2030 Project).
- Capacity building of 450 field technicians and 200 farmers.



ABOUT FONTAGRO

FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (ALC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars and the Inter-American Development Bank (IDB), which is its legal representative.

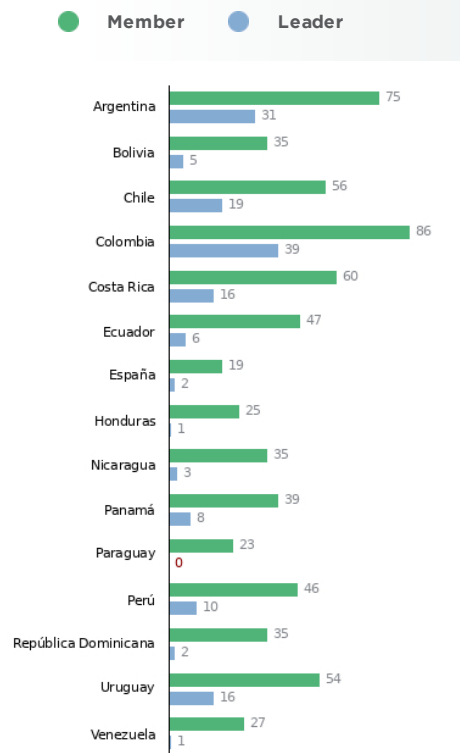


ORIGIN OF RESOURCES



- **Counterpart contribution**  
93.177.555
- **FONTAGRO**  
28.989.468
- **IDB**  
9.922.700
- **Other agencies**  
9.809.078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



FONTAGRO IN NUMBERS

**193** Number of projects approved

**141.9** Approved total amount US\$  
MILLONES

**9.8** Contribution from other agencies  
MILLONES

**32** Benefited countries

**63** Generated technologies

**15** New technologies for ALC

**8** Technology of global relevance

MEMBER COUNTRIES

- |            |                    |           |          |
|------------|--------------------|-----------|----------|
| Argentina  | Bolivia            | Chile     | Colombia |
| Costa Rica | Dominican Republic | Ecuador   | Honduras |
| Nicaragua  | Panama             | Paraguay  | Peru     |
| Spain      | Uruguay            | Venezuela |          |