



# Adaptation to climate change of extensive family livestock farming

ARGENTINA / PERU

Webstory



## The technological solution

Family farmers in Argentina and Peru implement technological innovations such as: strategic supplementation and health plans, predator control, use of sheds, water management for livestock, planting pastures and joint sales to increase the adaptive capacity and resilience of their production systems.



## Description

Both INTA, in Argentina, and the Universidad Agraria La Molina, in Peru, have developed and validated technology to raise production rates, improving the adaptation of livestock systems for Family Farming in each country. These innovations are being transferred to producers in 4 regions of both countries.



## Results

- 100 Farms are demonstrating technological innovations in 4 regions of Argentina and Peru
- +70 trainings provided
- +20000 family farmers trained
- 30% increase in goat and lamb production in Argentina
- 20% increase in milk production in Peru
- More than 1 million kg of wool sold jointly and more than 50% increase in the price received due to formal sales.
- 243 rural women direct beneficiaries of the project.
- 3 doctoral theses
- 25 publications, including refereed international journals and publications in conferences.

**100**

Livestock farms demos participating in the project

**+70**

Training provided

**+20000**

Farmers trained to adapt their livestock systems to climate change

**243**

Women farmers who are direct beneficiaries

**1 M Kg**

Kg of wool sold jointly by price competition

**3**

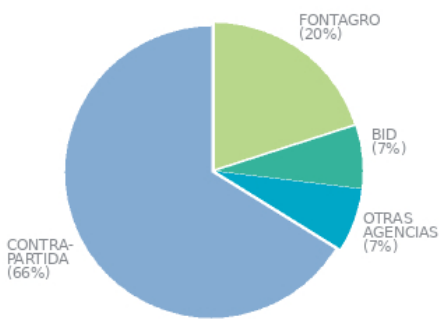
Doctoral thesis supported

**ABOUT FONTAGRO**

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

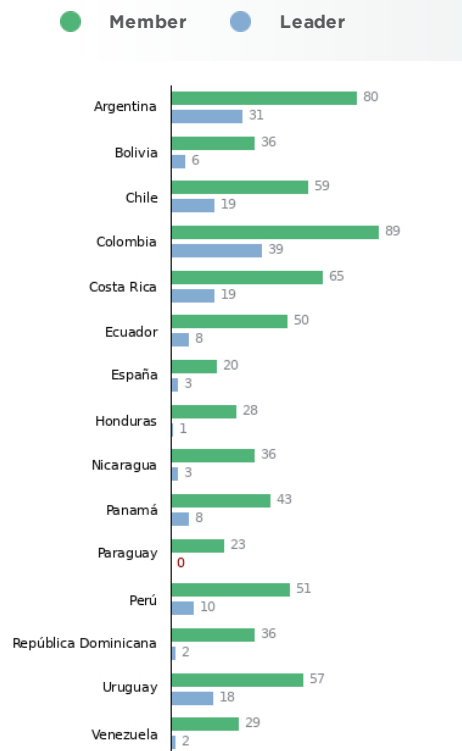


ORIGIN OF RESOURCES



- **Counterpart contribution**  
99.190.633
- **FONTAGRO**  
30.479.468
- **IDB**  
9.922.700
- **Other agencies**  
11.123.601

PARTICIPATION AND ROLE IN CONSORTIA SINCE 1998



FONTAGRO IN NUMBERS

**204** Number of projects approved

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

**11.1** Contribution from other agencies  
MILLONES

**33** Benefited countries

**63** Generated technologies

**15** New technologies for LAC

**8** Technology of global relevance

MEMBER COUNTRIES

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