

# Indigenous communities and climate change

ARGENTINA / CHILE

 Webstory



## The technological solution

A series of practices and technologies aimed at improving the sustainability and productivity of livestock farming in Mapuche communities. These solutions are implemented through a participatory approach and applied to Innovation Units.



## Description

This project focuses on promoting sustainability and food security in indigenous Mapuche communities in rural areas in Argentina and Chile. It seeks to improve livestock production through climate-smart practices, taking advantage of previous experience to propose solutions adapted to these communities.



## Results

Implementation of a set of climate-adapted livestock practices, specific to each of the innovation units and agreed upon the communities involved.

Application and evaluation of at least two climate-smart livestock practices in each unit, in order to improve productivity and natural resource management.

Quantification of the changes in the intensity of greenhouse gas emissions as a result of the implementation of these practices.

Dissemination of knowledge and practices through information materials, outreach and knowledge exchange days.

Strengthening of an inclusive and open innovation ecosystem.

**100**

Indigenous community farmers adopting climate-smart technologies.

**10**

Co-innovations applied and evaluated in fields of indigenous communities.

**15**

Units in which GHG emissions will be quantified

**30**

Training provided

**5000**

Farmers trained in climate-smart livestock practices.

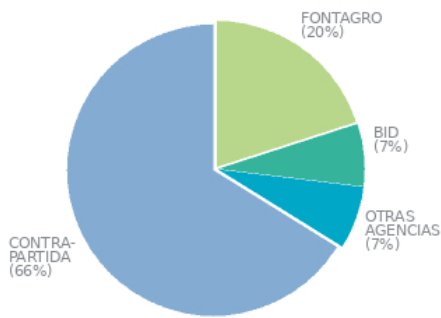
**60**

Peasant women direct beneficiaries

## 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



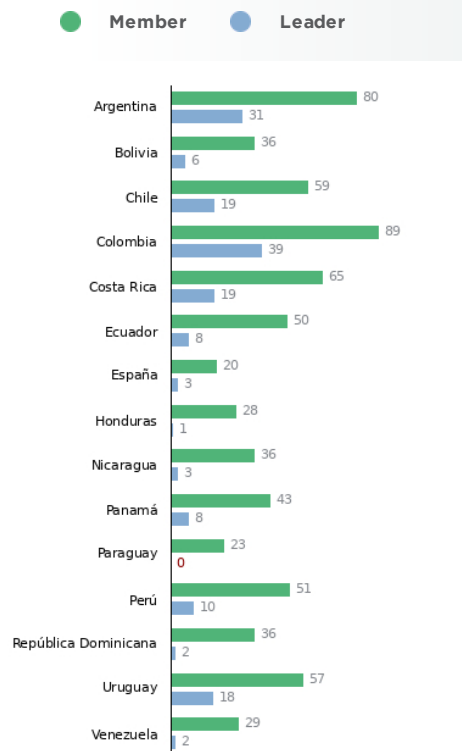
**Counterpart contribution**  
99.190.633

**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