# Grassland management strategies for the Río de la Plata and Patagonia

ARGENTINA / UNITED STATES / URUGUAY

**i** Webstory

## The technological solution

Grassland management strategies that optimize the use of climate and satellite information in economic, social and environmental terms.

## Description

With the use of information provided by remote sensors with field data and simulation models to calibrate the relationship between the Normalized Green Index (NDVI) and the Primary Net Air Productivity (PPNA) for different forage resources and environments, optimal management strategies and recommendations were developed.

## Results

- A model of the NDVI-PPNA relationship for grasslands developed.
- Weather forecast information and pasture growth with a monthly frequency.
- Training for technicians and producers.
- Satellite and climatic information of the intervention area.
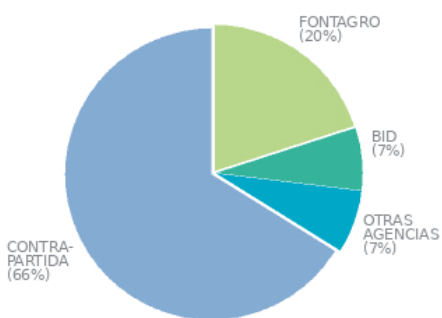
**210**
Trained farmers

**10**
Publications

**5**
Thesis

## 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.
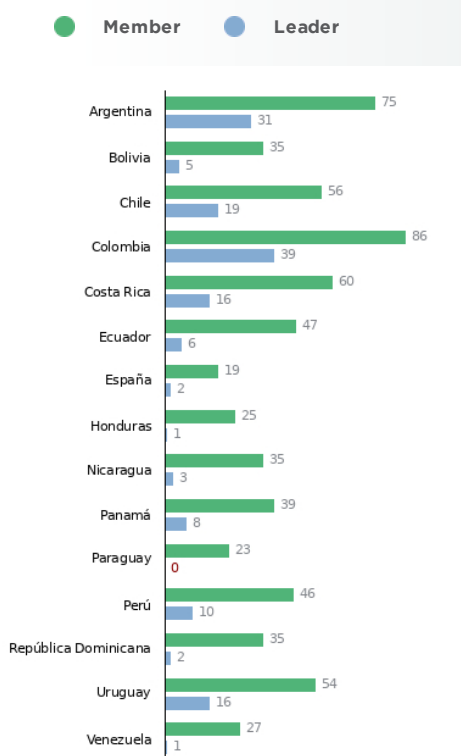
### ORIGIN OF RESOURCES

Pie chart:
- FONTAGRO (20%)
- BID (7%)
- OTRAS AGENCIAS (7%)
- CONTRAPARTIDA (66%)

- **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

● Member  ● Leader

| Country | Member | Leader |
| --- | --- | --- |
| Argentina | 75 | 31 |
| Bolivia | 35 | 5 |
| Chile | 56 | 19 |
| Colombia | 86 | 39 |
| Costa Rica | 60 | 16 |
| Ecuador | 47 | 6 |
| España | 19 | 2 |
| Honduras | 25 | 1 |
| Nicaragua | 35 | 3 |
| Panamá | 39 | 8 |
| Paraguay | 23 | 0 |
| Perú | 46 | 10 |
| República Dominicana | 35 | 2 |
| Uruguay | 54 | 16 |
| Venezuela | 27 | 1 |

### FONTAGRO IN NUMBERS

**193** Number of projects approved

**141.9** MILLONES Approved total amount US$

**9.8** MILLONES Contribution from other agencies

**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

**FONTAGRO**