

# Grassland net primary productivity maps in Patagonia

ARGENTINA / UNITED STATES / URUGUAY



 Webstory



## The technological solution

To characterize on a regional scale the establishment of forage resources in the grasslands of the Río de la Plata and Patagonia and generate maps of primary productivity easily accessible to the producer.



## Description

With algoritms generated and with a composition of 4 Landsat TM images, maps of the aerial net primary productivity (PPNA) of the grasslands and shrubs of NW Patagonia were generated.



## Results

- A detailed analysis of the spatial and temporal variation of the productivity of individual lots of different forage resources was carried out.
- First objective estimate of the distribution of types of land cover in the Pampean region.
- Land use maps of the entire region for the last 5 campaigns.
- Training for technicians and producers.
- Satellite and climatic information of the intervention area.

**300**

Mapped plots

**210**

Beneficiaries

**10**

Publications

**5**

Thesis

### PARTICIPATING ORGANIZATIONS

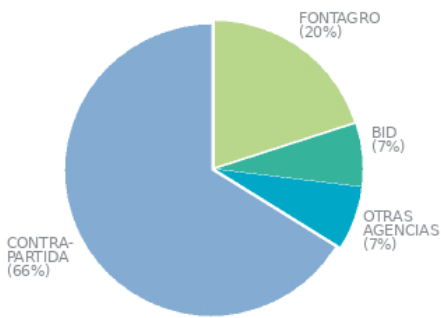


ABOUT FONTAGRO

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.

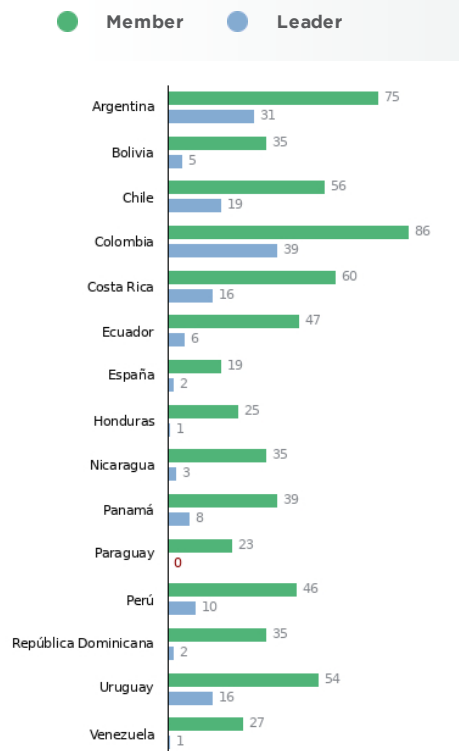


ORIGIN OF RESOURCES



- **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 |          |