

Environmental controls in Patagonia

ARGENTINA / UNITED STATES / URUGUAY

 Webstory



The technological solution

Development of prospecting systems based on the historical behavior of the normalized green index (NDVI) and climatic variables for farms in different regions and production systems, implementing management strategies that optimize the use of information in economic, social and environmental terms.



Description

A model was developed based on the collection of climatic variables and Air Net Primary Productivity (PPNA) values derived from satellite information, which explain the spatial and temporal controls of lamb production in this region.



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 technicians and 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



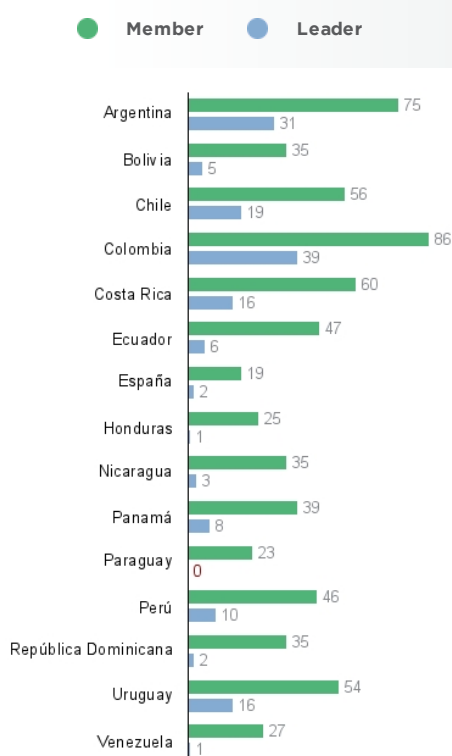
● **Counterpart contribution**
93.177.555

● **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

