

Virtual tool to improve decision-making on grazing intensity

URUGUAY / ARGENTINA



Webstory



The technological solution

Guide grazing management based on the spatio-temporal control of grazing intensity, to estimate and model the relationships with secondary production, economic results, biodiversity and environmental performance of family livestock systems in Uruguay and Argentina.



Description

Virtual tool with the potential to improve decision-making on grazing intensity, it is available on a website, and can be used to estimate the net primary production of pastures on the farms involved in the project (<https://agroshiny.shinyapps.io/FONTAGRO/>)



Results

- Identification of management models for grazing intensity.
- Conceptualization of management models for grazing intensity and its physical-economic and environmental impact on a farm scale.
- Identification of management models of grazing intensity: Non-manager, Manager and Temporal Space Manager.
- Validation of the grazing intensity management models at the plot scale on the farms.

305

Cattle farmers benefited

20

Training events

11

Thesis

1

Scientific article

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.

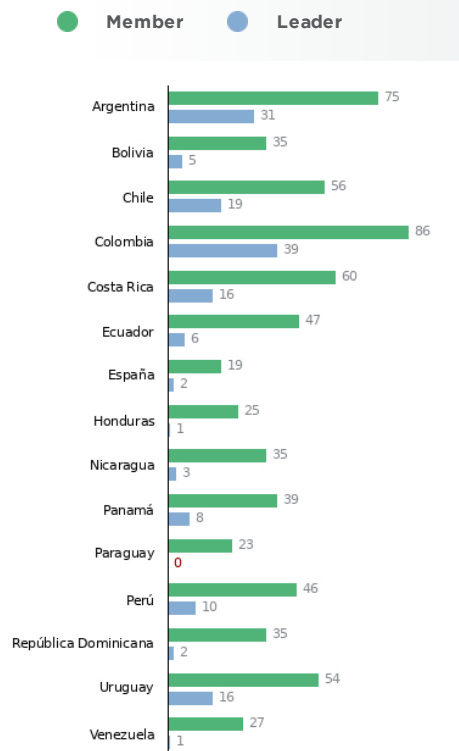


ORIGIN OF RESOURCES



- **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 | |