

Carbon sequestration opportunities in soils in Latin America and the Caribbean

URUGUAY / ARGENTINA / CHILE / COLOMBIA / COSTA RICA / UNITED STATES



 Webstory



The technological solution

Soil carbon stock change rate factors, developed from measured data, for relevant production strategies with climate change mitigation and adaptation potential for Argentina, Chile, Colombia, Costa Rica and Uruguay.



Description

Workshops will be held to build capacity in: i. developing methodologies and techniques for determining soil organic carbon stocks; ii. designing sampling strategies to quantify stock changes at regional and national scales; and iii. building capacity for the use of carbon simulation models



Results

A multi-agency platform has been formed between five LAC countries, which is working to develop a soil carbon stock database that will allow for the preparation of Tier 2 tables. Once the results are obtained, at least one carbon sequestration opportunity will be identified for each country, and its impact on both net greenhouse gas emissions and economic results on commercial farms will be quantified. Two face-to-face workshops were held to build the capacity of local technicians to monitor the evolution of the COS stock for a given land use and management. In the last year of the project, a third training workshop is planned for the platform's technicians to calibrate and use simulation models to determine the soil organic carbon stock. Two web seminars were held with the participation of experts in the field to develop common working protocols for both the determination of soil carbon and the processing of samples for the determination of stable soil isotopes.

30

Total technicians

23

% Women trained

28

Dissemination and training instances

+624

Sampling sites

+ 5

Technological solutions and innovations

+ 5

Technologies with lower emissions

MAIN DONORS



PARTICIPATING ORGANIZATIONS

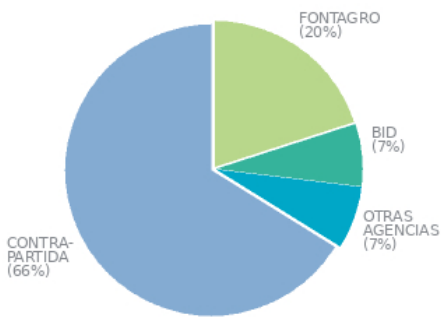


ABOUT FONTAGRO

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.

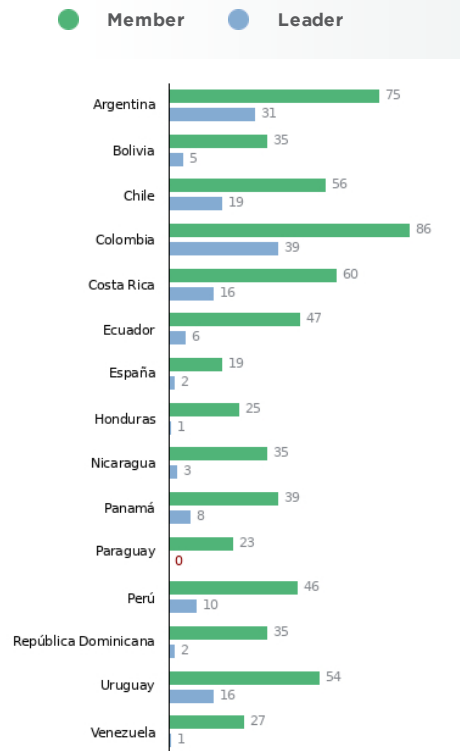


ORIGIN OF RESOURCES



- **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 | |