

Technology Transfer Mechanisms and Climate Networks in Latin America and the Caribbean

UNITED STATES / ARGENTINA / BOLIVIA / CHILE / COLOMBIA / COSTA RICA / DOMINICAN REPUBLIC / ECUADOR / HONDURAS / NICARAGUA / PANAMA / PARAGUAY / PERU / SPAIN / URUGUAY / VENEZUELA



Webstory



The technological solution

Climate change will affect agriculture in LAC, due to rising temperatures and variations in intensity and frequency of rainfall, impacting productivity and the appearance of new pests and diseases. The most vulnerable will be family farmers. Documentation and transfer of technologies and innovations are urgently needed to adapt to climate change.



Description

An initiative to promote the development and transfer of environmentally sound technologies to reduce vulnerability to climate change in the agricultural sector. Specifically, it included strengthening regional networks, establishing pilot initiatives in technology transfer mechanisms, and leveraging public and private investments.



Results

- It was estimated that climate change will affect potatoes, wheat, tomatoes and beans and favor pineapple and sorghum. 23 innovations were identified for the adaptation of family farming.
- 11 cases of innovations for adaptation to climate change that have been adopted by farmers in 8 countries were documented and disseminated.
- Innovations of greater productivity and efficiency, and reduction of environmental degradation and vulnerability were developed in eight projects in 11 countries.
- More than 6200 producers and professionals from 18 countries were trained.
- Collaborated with investment projects for the large-scale use of technologies in four countries.

6200

+ trained producers and technicians

23

identified innovations with adaptation potential for family farmers

4

prefeasibility studies in support of large investments to scale the use of technologies

11

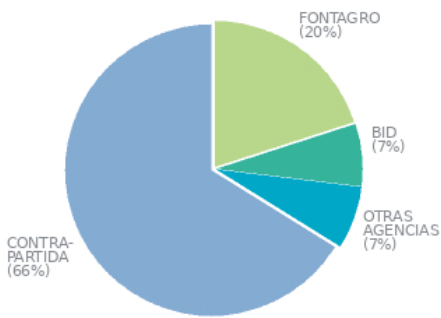
cases of innovations that reduce vulnerability adopted by family farmers in 8 countries documented and disseminated

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.

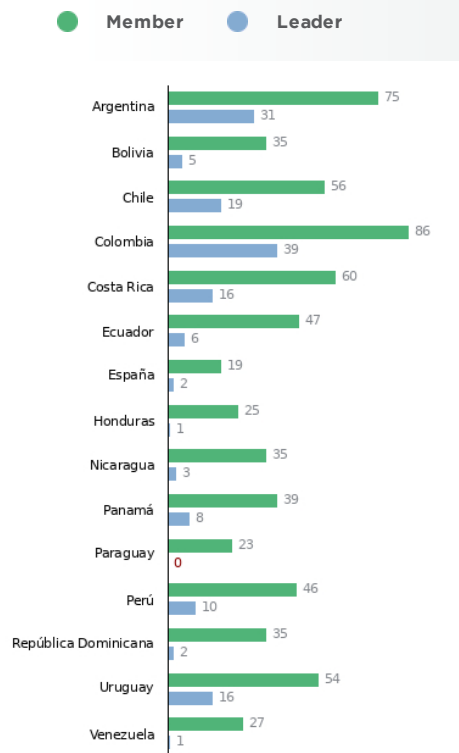


ORIGIN OF RESOURCES



- **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 | |