

Water management in banana growing areas in Nicaragua and Dominican Republic

NICARAGUA / COSTA RICA / DOMINICAN REPUBLIC / FRANCE



 Webstory



The technological solution

Territorial dialogue platforms that use the ComMod (Companion Modeling) program and role play to process data and develop models and diagnoses on access and use of water and the trade-offs between water resources, crops, climate and populations under different climatic scenarios, linking local social and ecological systems.



Description

Participatory process in banana communities aimed at analyzing conflicts of use and water management and adaptation to climate change. Conducted by UNAN-León Nicaragua, IDIAF-Dominican Republic, farmers, Bioversity International, the CGIAR Humidtropics program and the French consultancy Lisode (Lien Social et Décision).



Results

- Participants (249) in the workshops discussed the relationship of agriculture with other water users and 97% understood the mutual needs, which facilitated decision making.
- 109 innovations were identified and 29 were included in work plans to improve knowledge and raise public awareness about water problems, formalize access and use rules and sanctions, and innovate agricultural practices to reduce pressure on the resource.
- The impacts will respond to the dissemination of territorial dialogue platforms.

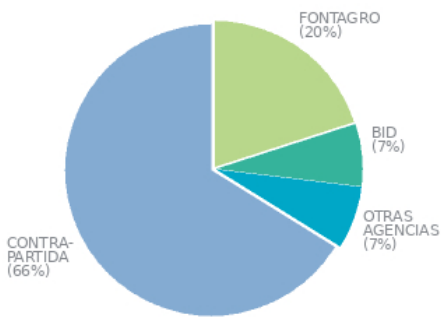


ABOUT FONTAGRO

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.

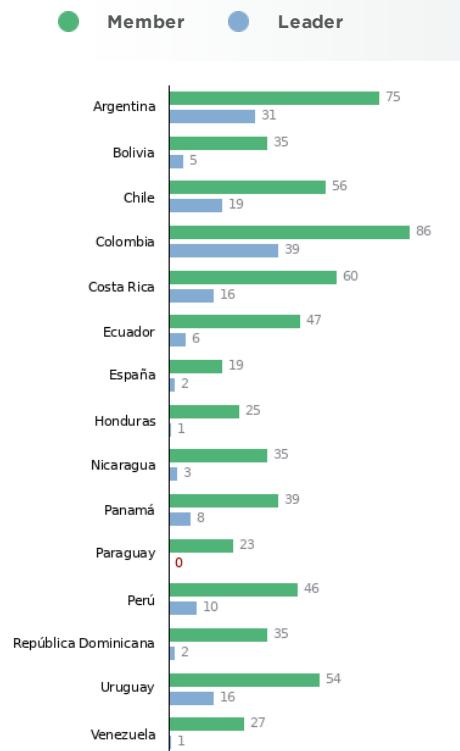


ORIGIN OF RESOURCES



- **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 | |