



# Solar dryers for cocoa

COSTA RICA / PANAMA

Webstory



## The technological solution

Strengthen the livelihoods of families dedicated to cocoa production in the territory of the binational Costa Rica-Panama basin with the goal of reducing the vulnerability of these populations to extreme hydrometeorological events.



## Description

Solar drying pilot systems were designed and built with photovoltaic panels for micro-beneficiation of cocoa. The dryers have the capacity to process 200 kg / week, contributing to the quality of the final product and the economy of the producer.



## Results

- Two pilot solar drying systems with photovoltaic panels were designed and built.
- Workshops were organized for the participatory analysis of risks, opportunities and physical and social weaknesses in the face of an extreme climatic phenomenon.
- The project activated a network of professionals, with responsibility for the production, processing and marketing of cocoa in the regions of interest.

**3000**

Indirect beneficiaries

**60**

Trained families

**3**

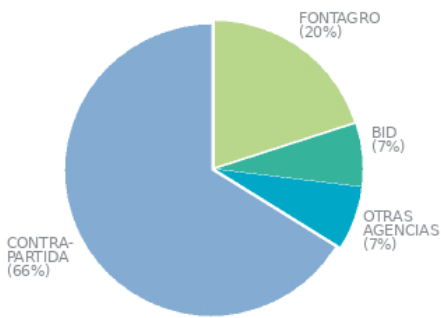
Training guides

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.

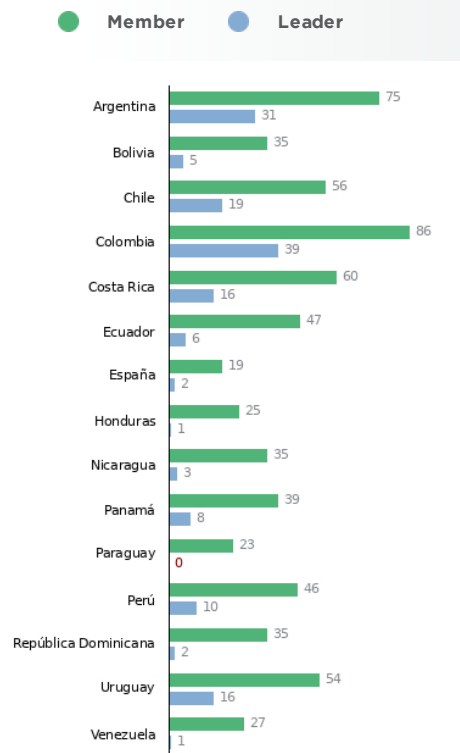


ORIGIN OF RESOURCES



- **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 |          |