

# Comprehensive alternatives for cadmium reduction in cocoa beans in Latin America and the Caribbean

ECUADOR / COLOMBIA / COSTA RICA / BELGIUM / DOMINICAN REPUBLIC / GERMANY / ITALY / PANAMA / PERU / UNITED STATES



 Webstory



## The technological solution

The establishment of multidisciplinary technologies and methodologies for the reduction of cadmium in cocoa beans are mechanisms that help to promote cocoa activity and access and maintenance to regulated markets (Cd) of cocoa from Latin America, thus contributing to the sustainability of the cocoa chain in the region.



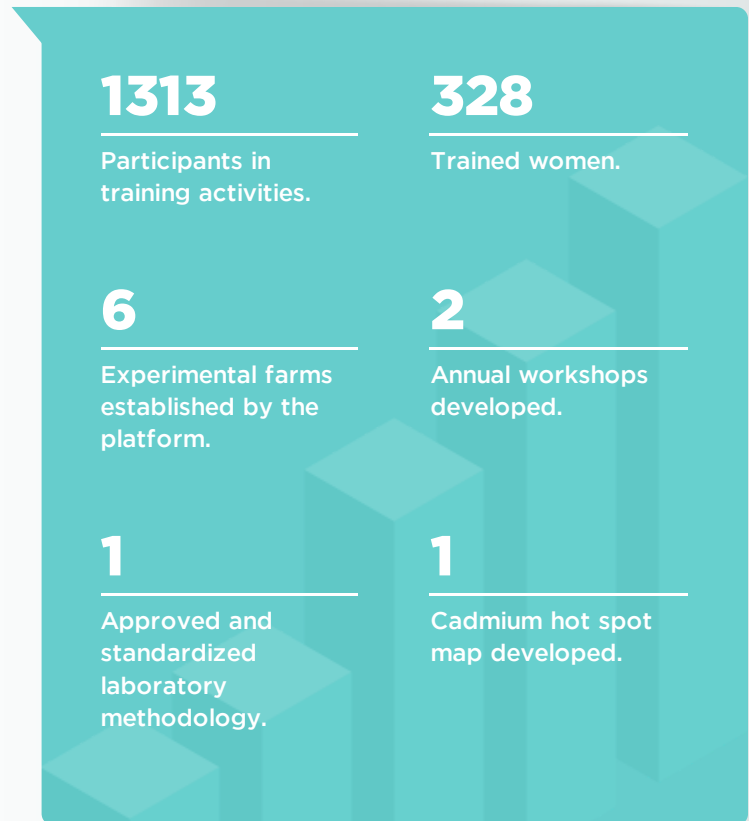
## Description

The Platform promotes strengthening the capacities of the countries to position LAC as a producer of quality cocoa and a low level of Cd, generating knowledge and alternatives for the management of Cd, the establishment of laboratory methodology for the measurement of Cd, strategies for the value chain and knowledge exchange.



## Results

- 42 samples were collected (of soil, leaves and beans, for a total of 164 samples) that were sent to the participating laboratories and the concentration of Cd was determined. These data will serve to establish an analytical baseline of the laboratories of the network and strengthen analytical methodologies.
- Two demonstration farms with soil amendments have been implemented in Colombia and three will be implemented in Ecuador and one in Costa Rica.
- There is a layer of points of cadmium levels for cocoa in Costa Rica.
- Two webinars have been organized with the participation of 1,313 people, of which 25% are women. Two annual workshops were organized with the platform implementers.

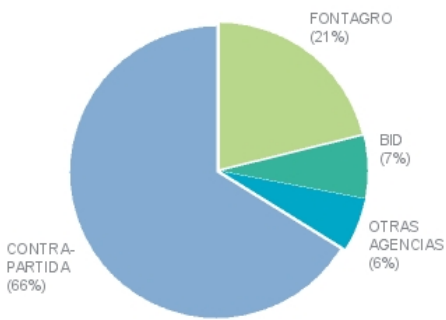


**ABOUT FONTAGRO**

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.

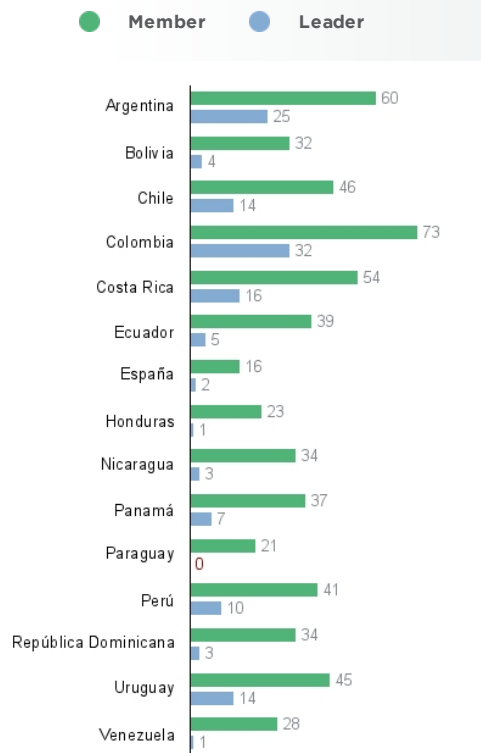


ORIGIN OF RESOURCES



- **Counterpart contribution**  
82.071.247
- **FONTAGRO**  
25.600.468
- **IDB**  
8.906.197
- **Other agencies**  
7.859.078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



FONTAGRO IN NUMBERS

**167** Number of projects approved

**124.4** Approved total amount US\$  
MILLONES

**7.9** Contribution from other agencies  
MILLONES

**31** 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 |          |