



Intensive Rice Cultivation System (SICA) in the Americas

COSTA RICA / COLOMBIA / DOMINICAN REPUBLIC



Webstory



The technological solution

Reduce the vulnerability of rice producers to the biophysical and socioeconomic impacts of climate change, by reducing the sensitivity of their production systems and improving their adaptive capacity.



Description

SICA is a technology to grow rice using small machinery, based on four agroecological principles that support an innovative management of crops, water, soil and nutrients, to improve the efficiency of the use of inputs and productivity.



Results

- 25% more performance than the traditional system.
- 96% reduction in the amount of seed for sowing.
- 45% water saving during the growing period of the crop.
- 10% reduction in production costs and profits 43-68% higher than the traditional system.

1013

Trained farmers

+40

Dissemination materials

599

Trained technicians

27

Workshops

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.

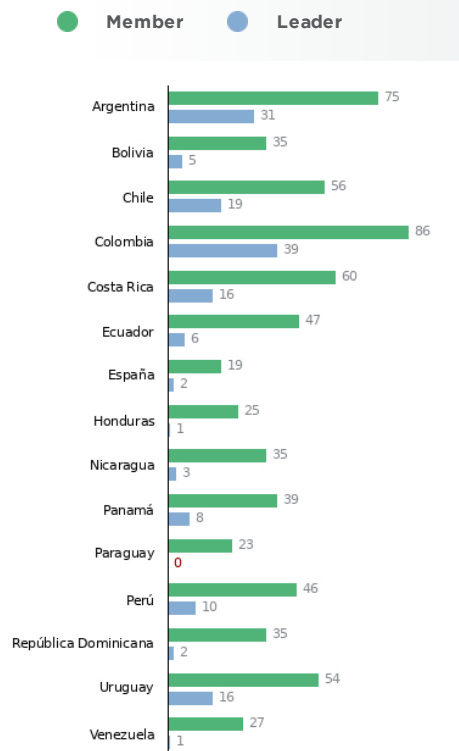


ORIGIN OF RESOURCES



- **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 | |