GUATEMALA





ABOUT FONTAGRO

FONTAGRO is a unique co-financing fund that promotes the development of science, technology, and innovation in the agricultural sector of Latin America and the Caribbean. Since its establishment in 1998, it has become a forum for strategic topics in the region. FONTAGRO comprises 15 member countries and two key sponsors: the Inter-American Development Bank (IDB), which acts as the legal representative, and the Inter-American Institute for Cooperation on Agriculture (IICA). With financial capital of approximately USD 100 million, it has co-financed over 200 projects, amounting to an investment of around USD 150 million.

GOBERNANCE STRUCTURE

The Board of Directors (BD), composed of the member countries, is the decision-making body responsible for strategic directions.

VISION

Our vision is to be an internationally recognized cooperation mechanism that sustainably strengthens agri-food and agro-industrial innovation among member countries.

MEDIUM TERM PLAN (MTP)

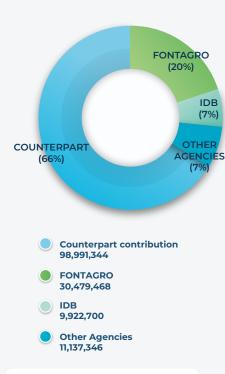
The plan focuses on improving the region's agri-food systems, emphasizing three strategies:

Strategy I: Networked, resilient, and sustainable farms.

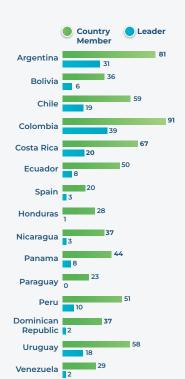
Strategy II: Productive systems, sustainable territories, and agroecosystems.

Strategy III: Food, nutrition, and health.

SOURCE OF FUNDS



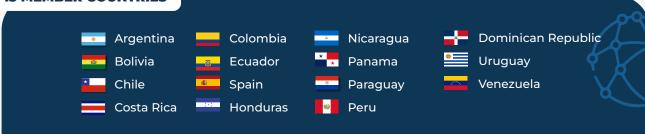
PARTICIPATION AND ROLES IN CONSORTIA SINCE 1998



FONTAGRO IN FIGURES



15 MEMBER COUNTRIES







GUATEMALA







Guatemala has participated in FONTAGRO consortia since 1999, one year after the institution was created. Over the 27 years of the Fund's existence, Guatemala has been part of seven consortia representing USD 6.3 million, of which USD 2.8 million was contributed by FONTAGRO and other agencies. Of these, Guatemala has led two consortia representing USD 0.7 million, of which USD 0.3 million was contributed by FONTAGRO and other agencies. The projects in which Guatemala has participated have focused on research and technological development in coffee, beans, maize, potatoes, among others. Key outcomes include:

- 1. Theoretical and methodological foundations were established for the development of a regional early warning system for coffee rust and other significant coffee diseases.
- 2. High-yielding coffee clones with excellent organoleptic quality were selected. Some clones produced 150% more than traditional varieties.
- 3. Through genetic improvement, 10 lines of beans and two lines of maize with promising characteristics for drought tolerance were obtained.
- 4. The availability of potato germplasm in Central American countries was strengthened through the introduction of more than 200 clones and 19 varieties.

STRENGTHENING

- 1. FONTAGRO projects have revolutionized scientific research and innovation in agri-food systems in Latin America and the Caribbean, significantly improving process efficiency and effectiveness while strengthening researchers' capabilities.
- 2. Significant technical, organizational, and institutional strengthening has been carried out at both the national and international levels in key areas such as sustainability, climate change, the promotion of more resilient agri-food systems, and food security.
- 3. Strategic alliances have been established with leading global organizations such as the Inter-American Development Bank (IDB), CGIAR, the Ministry for Primary Industries of the New Zealand Government, the United States Department of Agriculture (USDA), the International Potato Center (CIP), the Tropical Agricultural Research and Higher Education Center (CATIE), the Alliance of Bioversity International and CIAT, the International Maize and Wheat Improvement Center (CIMMYT), Columbia University IRI, the Inter-American Institute for Cooperation on Agriculture (IICA), and the Cooperative Program for the Development of Agricultural Technology in the Southern Cone (PROCISUR), providing access to various cooperation networks to promote research in the agri-food sector.
- 4. FONTAGRO projects provide privileged and free access to technologies, contacts, publications, case studies, and international networks.

EXAMPLES OF PROJECTS WITH GUATEMALA

YEAR	LEAD INSTITUTION	CONSORTIUM MEMBERS	TOPIC	CONSORTIUM AMOUNT (USD)
2019	IDIAP PANAMA	INTA (NI), DICTA (HO), AGROSAVIA (CO), HARVESTPLUS (CO), EMBRAPA (BR), CENTA (SV), ICTA (GUA)	Biofortified bean value chain.	\$144,749
2015	PROMECAFE (GUA)	IHCAFE (HO), ICAFE (CR), CODOCAFE (REP. DOMINICANA), ANACAFE (GUA), PROCAFE(SV), CATIE (CR), MIDA (PA), JNC (PE), CIB (JAM)	Early warning system for coffee rust.	\$515,340
2009	IICA CR	EAP (HO), ICTA (GUA), INTA CR, CENTA (SV), INTA (NI), IDIAP (PA), IDIAF (REP. DOMINICANA)	Adaptation of corn and beans to climate change.	\$698,722



