FONTAGRO
IN BRIEF

2021

FONTAGRO in **Paraguay**

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.

GOVERNANCE STRUCTURE

A Board of Directors with representation of the member countries and a Technical Administrative Secretariat

MISSION

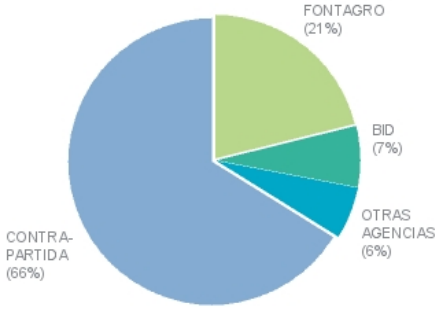
The mission of FONTAGRO is to contribute to the increase of the competitiveness of the agricultural sector, to the reduction of poverty and to the sustainable management of natural resources in the region. FONTAGRO also serves as a discussion forum on agricultural and rural innovation in the region.

MEDIUM TERM PLAN (MTP)

The MTP focuses on the improvement of family farming, emphasizing four themes:

- Technological, organizational and institutional innovation;
- Adaptation and mitigation of climate change;
- Sustainable intensification of agriculture and management of natural resources;
- Value chains and competitive territories

ORIGIN OF RESOURCES



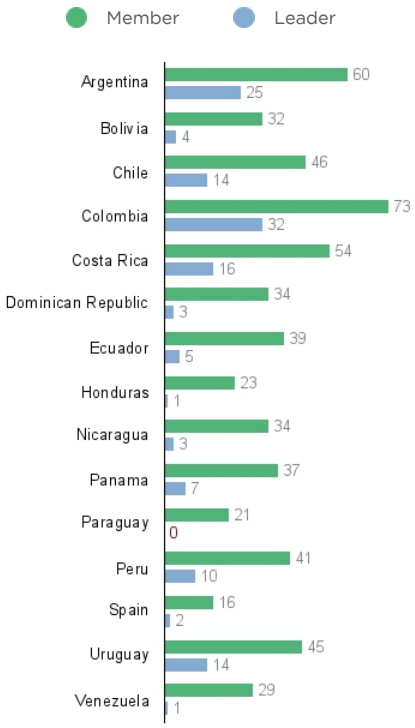
Counterpart contribution
82.090.017

Fontagro
25.600.468

IDB
8.906.197

Other agencies
7.886.078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



FONTAGRO IN NUMBERS

167	Number of projects approved
124.5 MILLION	Approved total amount US$
7.9 MILLION	Contribution from other agencies
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	

FONTAGRO IN PARAGUAY

Paraguay is one of the founding countries of FONTAGRO in 1998, with a contribution of US$ 2.0 million. During the 23 years of membership, Paraguay has participated in 21 consortia for a total amount of US$ 18.3 million, of which US$ 5.4 million were contributed by FONTAGRO and other agencies. The projects have included research and technological development on wheat, cassava, organic production, information and monitoring systems for risk management in agricultural production, strategies for climate change, among others. Some important results:

1. Wheat varieties with high industrial quality and greater resistance to diseases have been developed.
2. Methodologies for a more efficient selection of wheat germplasm resistant to Fusariosis were defined and standardized.
3. Potential sources of resistance of adult plants to wheat rusts were identified.
4. Methods and tools were developed to establish an information and monitoring system for the evaluation of risks in agricultural production.
5. The most important characteristics of wheat cultivation were identified with yields higher than the average in the Itapúa crops (101 %) and in IAN (108 %).

STRENGTHENING

1. Regional consortia increased the efficiency and effectiveness of research and innovation, strengthening the capabilities of researchers.
2. Technical, organizational and institutional strengthening at national and international level.
3. Access to partnerships for projects with leading institutions such as the International Center for the Improvement of Maize and Wheat (CIMMYT), International Center for Tropical Agriculture (CIAT), EMBRAPA-Brazil, INIA-Uruguay, INTA-Argentina, INIA-Chile, INTA- Costa Rica, University of Córdoba- Colombia, etc. Through them, access has been obtained to multiple international cooperation networks such as PROCISUR, the CGIAR, etc.
4. FONTAGRO projects generate privileged and free access to technologies, contacts, publications, case studies and international networks.

EXAMPLES OF PROJECTS IN PARAGUAY

YEAR	LEAD INSTITUTION	MEMBERS OF THE CONSORTIUM	TOPIC	AMOUNT OF THE CONSORTIUM
2020	ARGENINTA ARGENTINA	INTA (AR); INIA (UY); INIA (CL); IPTA (PY); EMBRAPA (BR); UdelaR (UY); Asociados Don Mario SA (AR); UBA (AR); PROCISUR (UY); AGROSAVIA (CO); INIAP (EC); ACA (AR); ACA (AR);	Gene editing for improvement in plant and animal species	$1,143,163
2020	AGROSAVIA COLOMBIA	INIAP (EC); IDIAP (PA); FITTACORI (CR); INTA (CR); IDIAF (DO); INTA (NI); AGROCALIDAD (EC); INIAF (BO); INIA (PE); UNA Paraguay (PY); ASBAMA (CO); DICTA (HN); CIAT (CO); Bioversity International (CR); BID Invest (US); AUGURA (CO); OIRSA (SV); MUSALAC (CR); CIAT-Bioversity (CO);	Prevention and management of Fusarium wilt	$1,378,298
2019	ARGENINTA ARGENTINA	INTA (AR); INIAF (BO); FEGASACRUZ (BO); IPTA (PY); GRA (NZ);	Bovine productivity in the South American Chaco region	$657,285
2018	ARGENINTA ARGENTINA	INTA (AR); INIA (CL); INIAP (EC); INTA (NI); IDIAF (DO); IPTA (PY); INIA (UY); EMBRAPA (BR); PROCISUR (UY); Ministry for Primary Industries NZ (NZ);	Sustainable intensification of legume-based livestock systems	$1,794,524
2018	ARGENINTA ARGENTINA	INTA (AR); INIA (UY); UNI Paraguay (PY); GAM Bermejo (BO); SENASA (AR); FEDERCITRUS (AR); UPEFRUY (UY);	Sustainable control of vector of HLB in Family Farming	$1,038,550

2016	INIA URUGUAY	INTA (AR); CATIE (CR); IDIAP (PA); INTA (CR); IDIAF (DO); IPTA (PY); DICTA (HN); INIA (CL); INIAP (EC); INTA (NI); INIA (VE); HEIFER (NI); ARGENINTA (AR);	Sustainable Intensification of Dairy	$1,650,000