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

<table>
<thead>
<tr>
<th>YEAR</th>
<th>LEAD INSTITUTION</th>
<th>MEMBERS OF THE CONSORTIUM</th>
<th>TOPIC</th>
<th>AMOUNT OF THE CONSORTIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>ARGENINTA ARGENTINA</td>
<td>INTA (AR); INIA (UY); INIA (CL); IPTA (PY); EMBRAPA (BR); UdelaR (UY); Asociados Don Mario SA (AR); UBA (AR); PROCISUR (UY); AGROSARVIA (CO); INIAP (EC); ACA (AR); ACA (AR);</td>
<td>Gene editing for improvement in plant and animal species</td>
<td>$1,143,163</td>
</tr>
<tr>
<td>2020</td>
<td>AGROSARVIA COLOMBIA</td>
<td>INIAP (EC); IDIAF (PA); FITTACORI (CR); INTA (CR); IDIAF (DO); INTA (NI); AGROCALIDAD (EC); INIAP (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);</td>
<td>Prevention and management of Fusarium wilt</td>
<td>$1,378,298</td>
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<td>2019</td>
<td>ARGENINTA ARGENTINA</td>
<td>INTA (AR); INIAP (BO); FEGASACRUZ (BO); IPTA (PY); GRA (NZ);</td>
<td>Bovine productivity in the South American Chaco region</td>
<td>$657,285</td>
</tr>
<tr>
<td>2018</td>
<td>ARGENINTA ARGENTINA</td>
<td>INTA (AR); INIA (CL); INIAP (EC); INTA (NI); IDIAF (DO); IPTA (PY); INIA (UY); EMBRAPA (BR); PROCISUR (UY); Ministry for Primary Industries NZ (NZ);</td>
<td>Sustainable intensification of legume-based livestock systems</td>
<td>$1,794,524</td>
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<td>2018</td>
<td>ARGENINTA ARGENTINA</td>
<td>INTA (AR); INIA (UY); UNI Paraguay (PY); GAM Bermejo (BO); SENASA (AR); FEDERCITRUS (AR); UPEFRUY (UY);</td>
<td>Sustainable control of vector of HLB in Family Farming</td>
<td>$1,038,550</td>
</tr>
<tr>
<td>Year</td>
<td>Country</td>
<td>Organization</td>
<td>Project Description</td>
<td>Funding</td>
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<tr>
<td>2016</td>
<td>INIA URUGUAY</td>
<td>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);</td>
<td>Sustainable Intensification of Dairy</td>
<td>$1,650,000</td>
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