FONTAGRO IN COLOMBIA







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)

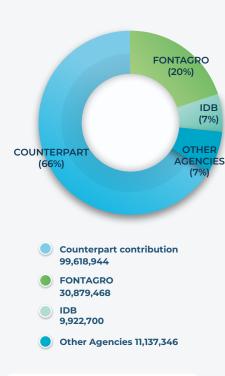
The plan focuses on improving the region's agri-food systems, emphasizing three strategies:

Strategy I: Networked, resilient, and sustainable farms.

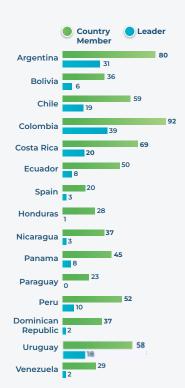
Strategy II: Productive systems, sustainable territories, and agroecosystems.

Strategy III: Food, nutrition, and health.

SOURCE OF FUNDS



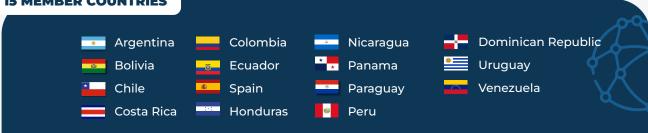
PARTICIPATION AND ROLES IN CONSORTIA SINCE 1998



FONTAGRO IN FIGURES



15 MEMBER COUNTRIES







COLOMBIA





FONTAGRO IN COLOMBIA (1)

Colombia has been a founding member of FONTAGRO since 1998, with an initial contribution of USD 10 million. Over 26 years of membership, Colombian institutions have participated in 92 consortia representing approximately USD 74 million, of which FONTAGRO and other agencies contributed USD 25.5 million. Colombian institutions have led 39 consortia with a total amount of USD 27.4 million. Additionally, international organizations based or operating in the country (Alliance Bioversity & CIAT, CIMMYT, IFPRI, and IICA) have led 12 consortia. These projects encompass research and technological development in areas such as livestock, maize, coffee, potatoes, plantains, other fruits, oil palm, forages, and more. Key outcomes include:

- 1. Fertigation technologies were developed, increasing the yield of passion fruit and Hass avocados. Additionally, sustainable practices for managing these fruits were created, along with studies on shelf life. New food products, cosmetics, and materials were developed, with three products already on the market. Carbon footprints were also estimated.
- 2. Thirty-six native potato varieties and 19 morphotypes of mashua were recovered. An in vitro methodology was implemented for producing pathogen-free seeds.
- 3. A standardized molecular diagnostic methodology was developed for the prevention and management of Fusarium wilt in Musaceae (Foc TR4). This methodology detects the pathogen in symptomatic, asymptomatic, and environmental samples (soil and water). Over 11,000 producers, technicians, and researchers were directly trained, strengthening regional capacity to contain the disease's spread.
- 4. Greenhouse and mesh house infrastructures were designed, and their effects on agroclimatic variables were monitored, with and without crops. The agronomic performance of various horticultural genotypes was evaluated.

STRENGTHENING

- 1. FONTAGRO projects have revolutionized scientific research and innovation in agri-food systems in Latin America and the Caribbean, significantly increasing process efficiency and effectiveness while strengthening researchers' capacities.
- 2. Significant technical, organizational, and institutional strengthening has been achieved at 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 New Zealand, IDB Invest, the International Potato Center (CIP), the Tropical Agricultural Research and Higher Education Center (CATIE), the International Alliance Bioversity & CIAT, the International Maize and Wheat Improvement Center (CIMMYT), CIRAD, FCIA Belgium, the Latin American Fund for Irrigated Rice (FLAR), the Inter-American Institute for Cooperation on Agriculture (IICA), and the Cooperative Program for Technological Development in Agri-food and Agroindustrial Systems of the Southern Cone (PROCISUR). These alliances provide access to various cooperation networks to promote research in the agri-food sector.
- 4. FONTAGRO-funded projects offer privileged and free access to cutting-edge technologies, contacts, publications, case studies, and international networks, thereby promoting the dissemination and adoption of innovations on critical topics.

EXAMPLES OF RECENT PROJECTS IN COLOMBIA

YEAR		CONSORTIUM MEMBERS	TOPIC	CONSORTIUM AMOUNT (USD)
2024	IICA ECUADOR	INIAP (EC); INIA (PE); AGROSAVIA (CO); INIA (CL); CIP (PE);	Potato purple top complex in the Andean Region.	\$697,641
2023	UT COLOMBIA	UNT (PE); ASOHOFRUCOL (CO); AGRORED NORTE (PE);	Maximizing mango use in Colombia and Peru.	\$600,000
2023	UTN ECUADOR	UdeA (CO); UTALCA (CL);	Multifunctional bio-protectors for postharvest fruits.	\$600,000

(1) The values quoted correspond to total project amounts







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2023	UNICAUCA COLOMBIA	UTM (EC); AGROSAVIA (CO); UNAD (CO); INIAP (EC); ALIVAL (CO); Lacteos Colombianos (CO); CHONE LTDA (EC); AGCanuto (EC); ASOASPROLECA (CO);	Sustainable tropical dairy systems.	\$600,424
2022	AGROSAVIA COLOMBIA	ZAMORANO (HN); UTM (EC); ASORUT (CO); VISUALITI (CO);	Tropical Agriculture 4.0: efficient water management.	\$600,000
2022	ARGENINTA ARGENTINA	INTA (AR); UACH (CL); AGROSAVIA (CO); P.C.R. (AR); GPO-MAPO (AR); PSN (AR); CIP (AR); ONCh (AR); SENASA (AR); FCV-UNNE (AR); CCV-UMai (AR); ProAgro (CL); INIA (CL); FEDEGAN (CO); UNIAGRARIA (CO); CC-OMSA (CL); One Welfare CIC (EN);	One Welfare for resilience of livestock production.	\$764,311

