FONTAGRO

Annual Report 2026

Building together the future of innovation for agrifood systems in Latin America and the Caribbean



IDB IICA | FONTAGRO

FONTAGRO is a regional cooperation mechanism with its own country membership, governance structure and assets. Its legal representative is the Inter-American Development Bank (IDB) and its administrator is the Inter-American Institute for Cooperation on Agriculture (IICA).

FONTAGRO is an internationally recognized fund that strategically co-finances innovation in the agrifood sector. To this end, it promotes interdisciplinary and multidisciplinary consortia that bring together public and private actors. This publication summarizes the results achieved by FONTAGRO in 2026, presented at the XXX Annual Meeting of the Board of Directors.

FONTAGRO · fontagro@iica.int
Technical Administrative Secretariat (TAS) · www.fontagro.org

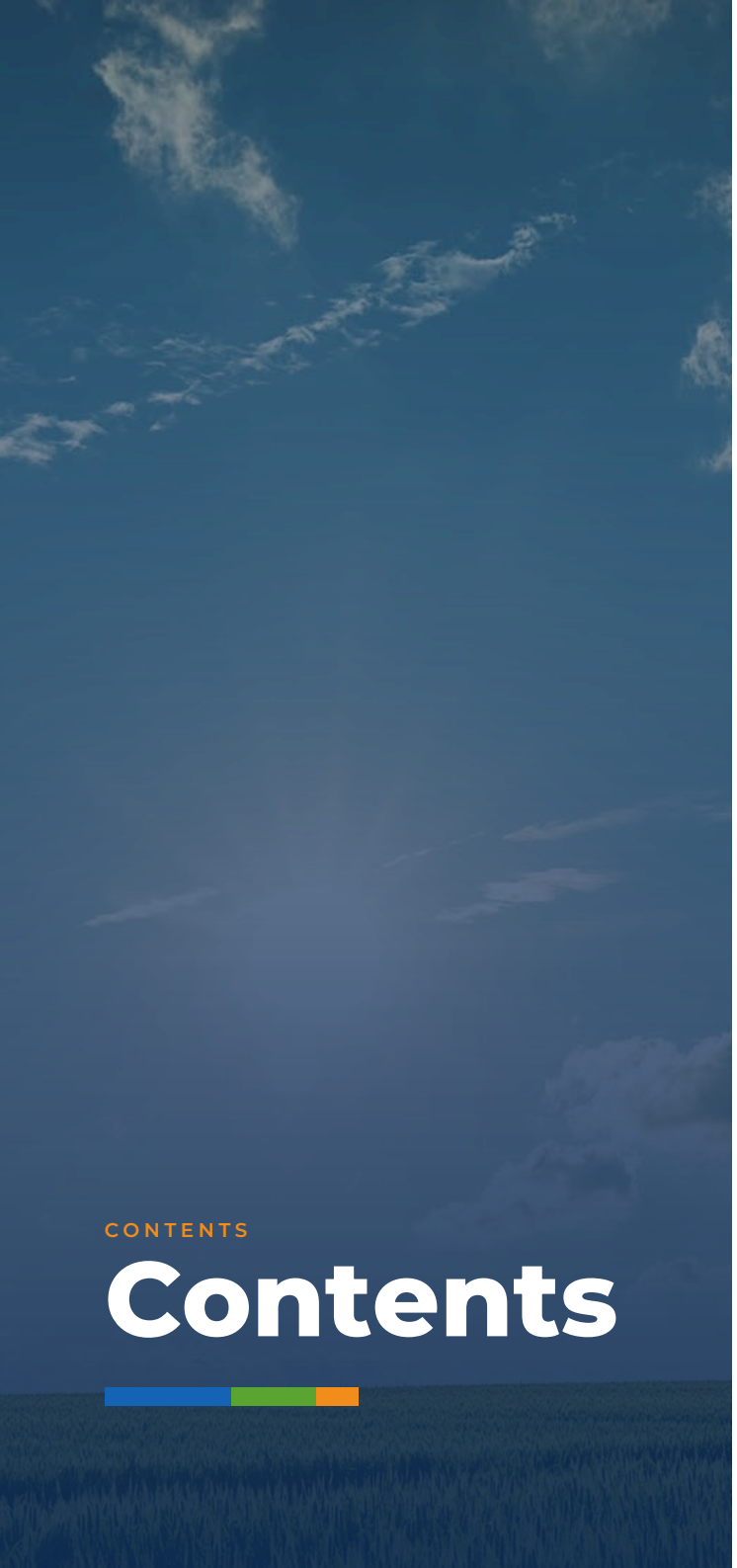
Credits and contributions

Preparation and general coordination: Eugenia Saini. **Contributors:** Technical Administrative Secretariat (TAS). **Design and layout:** Adrián Orsetti. **Photography and images:** FONTAGRO image bank and others from the authors and participating institutions, used with their respective permissions. Washington, D.C., October 2026.

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Building together the future of innovation for agrifood systems in Latin America and the Caribbean

Sponsors

IDB

IICA

Other strategic alliances

Te Kāwanatanga o Aotearoa
New Zealand Government

GLOBAL RESEARCH ALLIANCE ON AGRICULTURAL GREENHOUSE GASES

Global Methane Hub

BAYER Crop Science

CARDI

CATIE

CGIAR

THE WORLD BANK

Alliance Bioversity & CIAT

Food and Agriculture Organization of the United Nations

cirad

UF UNIVERSITY of FLORIDA

CLEMSON UNIVERSITY

Cornell University

NC STATE UNIVERSITY

The Ohio State University

WORLD FOOD PRIZE FOUNDATION

IFAMA
INTERNATIONAL FOOD AND AGRIBUSINESS MANAGEMENT ASSOCIATION

iSF
INTERNATIONAL FEED FEDERATION

AGRAYA
AGRAYA GMBH

RECOGNITION

Acknowledgments

The FONTAGRO Board of Directors (BD) wishes to express its deepest gratitude to **Dr. Muhammad Ibrahim, Director General of IICA**, for his invaluable support during this year of consolidation of the Fund's new operating model. Special recognition goes to **Mr. Hugo Chavarría Miranda** and the Bioeconomy and Innovation Management team, as well as to the staff at Headquarters and at the offices where operations are executed, and to the various IICA units (legal, finance, administration, communication and technical cooperation, among others) for their ongoing support. We also thank **Ms. Gabriela Quiroga Gilardoni**, IICA Representative in the Dominican Republic, for her essential support in developing IDIAF's Knowledge Management Strategy.

We also recognize the support of the **IDB**, in particular the **Agriculture and Rural Development Division (ADR)**, with special mention to **Mr. Pedro Martel** and **Ms. Ana Ríos**, together with the country specialists and technical teams that support the implementation of FONTAGRO projects.

Our gratitude also extends to the **Office of Global Partnerships**, and in particular to **Mr. David Margolis**, as well as the Grants and Co-financing Management Unit (GCM), the Financial Management and Procurement Services for Operations Office (FMP) and the Corporate Procurement Section (PRC), for their support in the transition to the new operating model. We also recognize the contribution of the IDB Legal Department and Finance Department, with special mention to **Mr. David Merchán**, whose work was essential for the signing of the **IDB–IICA–FONTAGRO Tripartite Agreement** on March 20, 2026 and for the Fund's operational continuity.

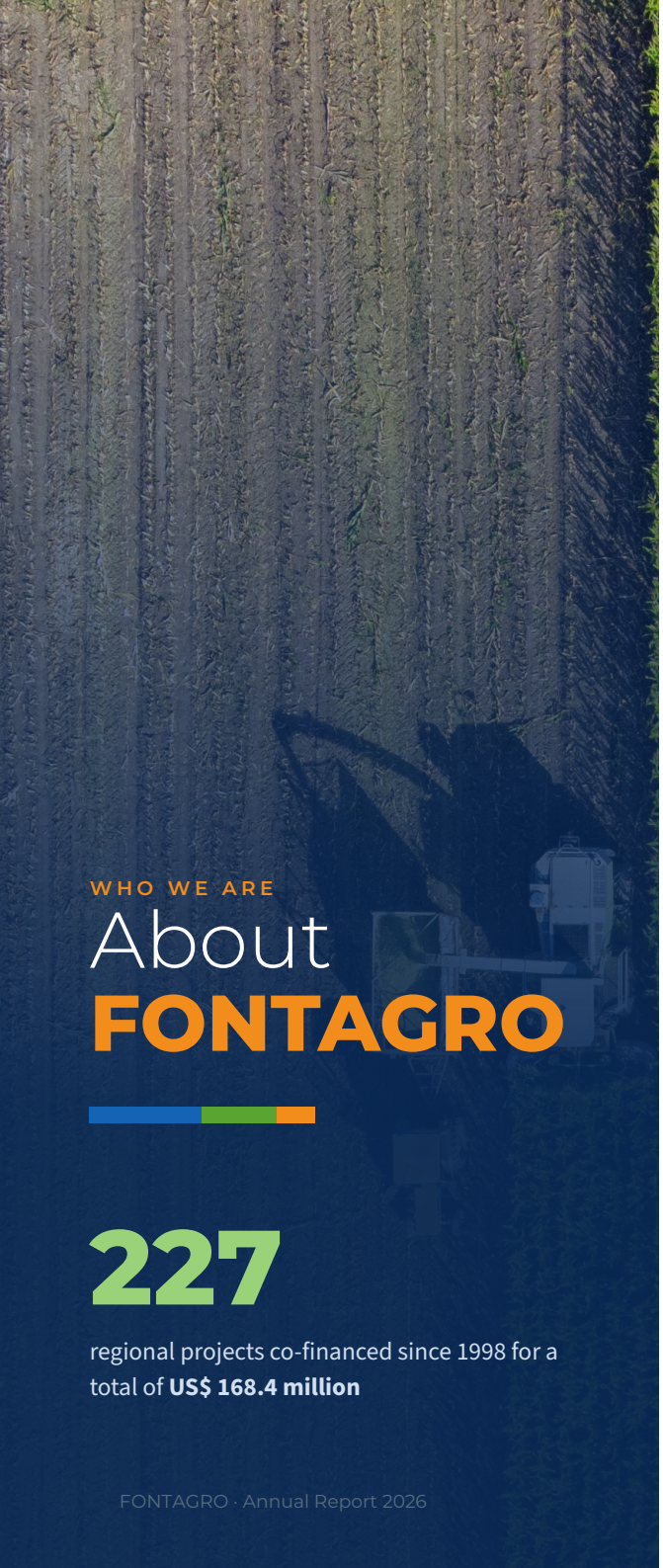
We especially thank the **World Bank**, in particular **Mr. Diego Arias** and **Ms. Leah A. Germer**, for the joint work on the strategic initiative on how to promote public-private partnerships that increase investment in agrifood R&D&I in Latin America and the Caribbean. We also recognize **CAF – Development Bank of Latin America and the Caribbean**, and in particular **Mr. Miguel Guzmán**, for the collaboration in preparing the initiative “Agroclimatic Innovation Accelerator for Adaptation through Science-Community Partnerships in LAC”, to be implemented through FONTAGRO and IICA.

We thank the strategic partners who broaden FONTAGRO's reach: the **New Zealand Ministry for Primary Industries (MPI)** and the **Global Research Alliance on Agricultural Greenhouse Gases (GRA)**, the **Global Methane Hub**, the **University of Florida**, **Clemson University** and other U.S. universities that support us, **Agrinatura**, and the private sector organizations that co-finance and validate innovations with our consortia.

We are equally grateful to **INIA Peru** and the Peruvian authorities for their hospitality as hosts of the **XXX Annual Meeting of the Board of Directors** in Lima, as well as to **INTA Costa Rica** and the IICA Representation in that country for their support of **Science Week** and the XXIV Extraordinary Meeting held in San José.

Finally, the BD wishes to express special recognition to the **Technical Administrative Secretariat (TAS)** for its extensive work, commitment and dedication in a year of dual institutional transition, which have enabled FONTAGRO to sustain the quality of its operations and its regional leadership in building the future of agricultural R&D&I.





WHO WE ARE

About FONTAGRO

227

regional projects co-financed since 1998 for a total of **US$ 168.4 million**

FONTAGRO is a globally unique mechanism for the strategic and sustainable co-financing of agricultural research, development and innovation (R&D&I) in Latin America and the Caribbean (LAC). It is also a forum for discussing priority science and innovation topics for LAC and the rest of the world. It was created in 1998 to increase the competitiveness of the agrifood sector and reduce poverty through the sustainable management of natural resources.

It is made up of **fifteen member countries**: Argentina, Bolivia, Chile, Colombia, Costa Rica, Ecuador, Spain, Honduras, Nicaragua, Panama, Paraguay, Peru, Dominican Republic, Uruguay and Venezuela, represented by the highest authority of their national agricultural research and innovation institutes (NARIs), who make up the Board of Directors. The **IDB** and **IICA** are the sponsors of this regional initiative.

Its governance comprises the Board of Directors, the Executive Committee, the Finance Committee and the Technical Administrative Secretariat, headed by an Executive Secretary. The documents governing its operation are the Constitutive Agreement, the Operations Manual, the IDB–IICA–FONTAGRO Tripartite Agreement and the Medium-Term Plan (MTP) 2025–2030.

Member countries have contributed capital of **US$ 83.05 million** and, as of December 31, 2025, the investment portfolio reached **US$ 103.63 million**. The return on capital provides non-reimbursable financing for R&D&I activities that leverage cash and in-kind resources from other organizations.

Projects are organized as regional platforms of at least two member countries, and bring together public and private institutions: national institutes, universities, producer associations, companies and international organizations. The 93 projects approved between 2017 and 2026 brought together **314 different institutions**.

Outcome and impact studies show that **77%** of results are part of the scientific stock of national research systems, **69%** are being used by end beneficiaries and **74%** are regional public goods.

CUMULATIVE CO-FINANCING 1998–2026 · US$ 168.4 MILLION



FONTAGRO US$ 36.0 M · Other agencies US$ 23.2 M · Institutional counterpart funding US$ 109.2 M

Each FONTAGRO dollar mobilizes more than three dollars from other sources

REGIONAL CONTEXT

Challenges and Opportunities of the Decade

Latin America and the Caribbean has the opportunity to build public-private innovation systems with FONTAGRO: a network of 15 countries where cooperation becomes research, development and innovation with impact.

GLOBAL TRENDS TO 2034

+13%
higher food demand, with protein and micronutrient nutrition gaps

+14%
global production under sustainable models driven by technology, biotechnology and precision agriculture

22%
of calories consumed will cross borders: LAC consolidates its role as a net food supplier

Source: OECD–FAO, Agricultural Outlook 2025–2034.

CHALLENGES FACING THE REGION

01 Geopolitical disruptions
Geopolitical events that disrupt value chains and shape the decisions of political and economic actors.

02 Abrupt climate events
Droughts, floods and extreme temperatures that suddenly affect primary agricultural production.

03 Rural-to-urban migration
The loss of rural labor calls for technologies that raise productivity and make farming attractive.

04 Sustainable financing for R&D&I
Stable investment to renew talent and strengthen the capacities of public research organizations.

05 Public-private partnerships
Linking science and business so that technologies reach the market and producers.

→ **FONTAGRO's response**
Regional co-financing, multi-stakeholder consortia and public goods that turn these challenges into innovation opportunities.



REGIONAL PRESENCE

Where We Work

A network with two complementary layers: a small, highly stable core of national institutes acting as recurring counterparts, and a broad, diverse base of partners that is constantly renewed.

15 member countries in LAC and Spain

62 operations in the 2026 portfolio

93 projects approved between 2017 and 2026

314 different institutions in those 93 projects

Southern Cone 36%
Argentina · Bolivia · Chile · Paraguay · Uruguay

Andean Region 33%
Colombia · Ecuador · Peru · Venezuela

Spain 18%
Extra-regional member

Central America and the Caribbean 14%
Costa Rica · Honduras · Nicaragua · Panama · Dominican Rep.

Percentages: each region's share of the US$ 83.05 million in ordinary capital.

DISTRIBUTION OF 2026 OPERATIONS BY REGION



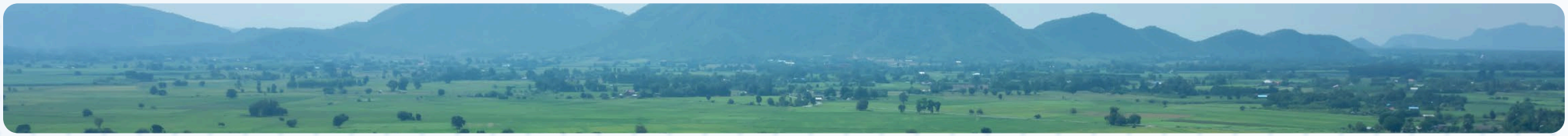
CONSORTIA OF THE 93 PROJECTS APPROVED 2017–2026



National Institutes	21.6%
Regional Universities	21.0%
Producer Associations	19.6%
Regional Institutions	11.2%
Private Companies	9.8%
Regional Governments	7.8%
International Institutes	5.6%
Extra-regional Universities	3.4%

89%
of projects include a National Institute: 16 institutes, each recurring for 6.75 years

79%
of institutions took part in a single year: an open, self-renewing network



Letter from the President

Dear members of the Board of Directors:

It is an honor to address you as President of FONTAGRO in a particularly significant year, in which Lima hosts the **XXX Annual Meeting of the Board of Directors**. I am pleased to present the main results and highlights of 2026, with information as of August 31.

Financially, the audited report as of December 31, 2025 recorded a fund value of **US$ 103.7 million**, **3.8%** higher than in December 2024, driven by a better valuation of financial assets and interest earned. The investment portfolio reached a market value of US$ 103.63 million (+4.9%) and, on May 31, 2026, a US$ 6.0 million bond maturing in 2031 was reinvested at a 4.125% rate. Payment commitments rose 12%, reflecting more project approvals.

Since 1998, FONTAGRO has co-financed **227 regional projects for US$ 168.4 million**, with contributions from the Fund of US$ 36 million (21%), other agencies of US$ 23.2 million (14%) and institutional counterpart funding of US$ 109.2 million (65%). The current portfolio comprises **62 operations for US$ 14.9 million** (total investment of US$ 46.06 million), with cumulative disbursements of US$ 7.72 million and annual disbursements of US$ 3.10 million.

The **2026 Call for Proposals**, the first under the Medium-Term Plan 2025–2030, received **130 proposals**, of which 47 scored above 75 points. The Board authorized financing for five projects, one per Flagship Program, and for **seven projects by consensus** addressing regional threats: Fusarium TR4 in musaceae, banana breeding, phytosanitary protection of fruit production, New World screwworm, cocoa and coffee breeding, and strengthening of local seed production systems. The Agro-bioentrepreneurship Case Competition also continued jointly with IICA, with 30 initiatives in acceleration and incubation.

In knowledge management and communication, knowledge products rose from 1,092 to **1,794** (+64%) and workshops and seminars more than doubled, to 577 activities. The social media community grew to **22,793 followers** (+30%). Scientific output acknowledging FONTAGRO funding totals 232 Scopus-indexed papers, with 7,274 citations and an H-index of 42.

In partnerships, US$ 5.71 million in cash was mobilized between 2018 and 2026, with leverage of **US$ 3.43 per dollar** from FONTAGRO, which could reach US$ 3.61 with the **US$ 8.0 million** initiative being prepared with CAF and IICA for the Adaptation Fund Climate Innovation Accelerator.

At the institutional level, the new **IDB–IICA–FONTAGRO Tripartite Agreement** and its Operational Guide were established on March 20, 2026, defining a model in which both the administrative budget and project financing are executed through IICA. On this basis, the Operations Manual was adjusted and, at this meeting, the selection process for the Executive Secretary for 2027–2029 will be completed.

We face challenges that require our joint attention: accelerating portfolio execution, planning the renewal of bonds maturing in 2028, and regularizing outstanding capital contributions. I trust that this Board's commitment will allow us to address them with the same institutional strength that has brought us this far.

I thank the Board of Directors, the Vice President, the outgoing President Eng. Jorge Ganoza Roncal, the Executive Secretary and the staff of the Technical Administrative Secretariat for their support and commitment to our shared mission and to this year's achievements.

Christian Barrantes Bravo
President, FONTAGRO
Executive President, INIA Peru

Message from the Executive Committee

It is with great satisfaction that we present FONTAGRO's **Annual Report 2026**, which reflects the progress achieved and the ongoing commitment of all members of our scientific, technical and institutional community. This year has been especially significant: it marks the **first year of implementation of the Medium-Term Plan 2025–2030** and the launch of the **new operating model** agreed with our sponsors, the IDB and IICA.

In 2026 we reaffirmed our conviction that **science, innovation and international cooperation** are the best response to the region's shared challenges. The regional dialogues on **citrus HLB** and the **New World screwworm**, organized with the University of Florida, resulted in concrete projects by consensus to address threats that know no borders. Likewise, the 2026 Call for Proposals mobilized **130 proposals** and made it possible to co-finance one project per Flagship Program. Also noteworthy is the joint work with two multilateral development banks: the World Bank and CAF.

This year we also demonstrated the cumulative value of our investment. The projects analyzed show **consistent progress in the technological maturity** of the innovations supported, which mostly start at early levels (TRL 2 to 4) and conclude at validation and demonstration levels (TRL 5 to 7). FONTAGRO-related scientific output reaches **232 indexed papers** with an **H-index of 42**. At the same time, we strengthened team capacities through workshops on proposal design and scientific writing, the weekly project management training session and the **Café Científico**.

At the institutional level, we consolidated the Fund's governance with the **IDB–IICA–FONTAGRO Tripartite Agreement**, adjustments to the Operations Manual, the creation of the **Markets and International Relations Committee** and the proposal for a **Code of Ethics and Professional Conduct**. We also expanded partnerships with **CAF, the World Bank, the Global Methane Hub, New Zealand, the GRA, United States universities and Agrinatura**, diversifying co-financing sources for the region.

We wish to express our appreciation to the **Board of Directors**, our **sponsors, the IDB and IICA**, the **member institutions** and the hundreds of researchers and producers who make it possible for FONTAGRO to remain a driver of regional transformation.

Looking ahead, we enthusiastically embrace a new stage, marked by the renewal of the Executive Secretariat, the strategic management of our investment portfolio and the challenge of bringing ever more results to the field. FONTAGRO will continue to promote strong, open and results-oriented regional cooperation, contributing to the sustainable development of Latin America, the Caribbean and Spain.

EXECUTIVE COMMITTEE



Christian Barrantes Bravo
President · FONTAGRO
Executive President, INIA Peru



Miguel Serrano López
Vice President · FONTAGRO
Executive Director, AGROSAVIA
Colombia



Eugenia Saini
Executive Secretary · FONTAGRO



SUMMARY OF THE PERIOD · AS OF AUGUST 31, 2026

Main Results 2026

First year of the Medium-Term Plan 2025–2030 and launch of the new operating model with the IDB and IICA. A year of financial strength, more projects addressing regional threats and a leap in knowledge production.

FINANCIAL STRENGTH

US$ 103.7 M

Audited fund value as of 12/31/2025 ▲ 3.8%

US$ 103.6 M +12%

Investment portfolio at market value **+4.9%**

Payment commitments, due to more project approvals

US$ 6.0 M

Bond reinvested to 2031, rate 4.125%

Unqualified

Ernst & Young opinion on the 2025 financial statements

CO-FINANCING SINCE 1998

227 projects

regional, totaling **US$ 168.4 million**



FONTAGRO US$ 36.0 M · Other agencies US$ 23.2 M · Counterpart US$ 109.2 M

62

Active operations for US$ 14.9 M (total investment US$ 46.1 M)

3.43 : 1

Leverage 2018–2026; up to 3.61 with the CAF initiative

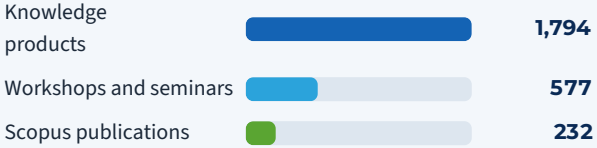
CALL AND KNOWLEDGE

130

proposals in the 2026 Call; 47 scored above 75/100

5 + 7

projects: one per Flagship Program and seven projects by consensus



22,793

social media followers **+30%**

H 42

H-index · 7,274 citations

Science Week

XXI Technical Monitoring Workshop · San José, Costa Rica

387

researchers trained in scientific writing and projects (2021–2026)

914

product reviews to ensure scientific quality (last three years)

3 committees

KMC, Scientific and the new Markets and International Relations



20 · 03 · 2026

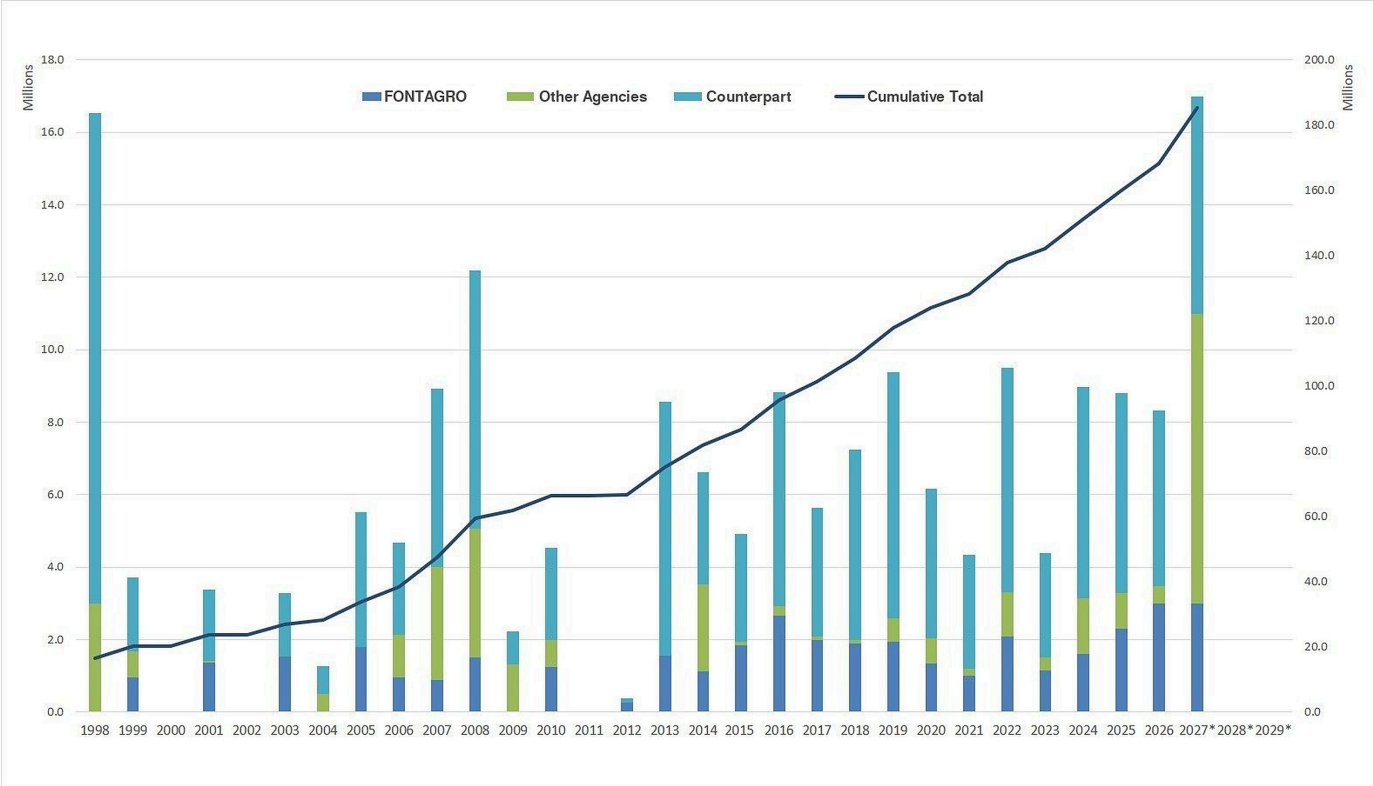
INSTITUTIONAL MILESTONE

The new **IDB–IICA–FONTAGRO Tripartite Agreement** and its Operational Guide are signed: the administrative budget and project financing are now executed through IICA, and the Operations Manual is adjusted.

CO-FINANCING 1998–2026

Funding Evolution

Funding structure of operations by year, in US$ million. Years without a bar correspond to periods without sufficient funding for operational activities.



Left axis: annual funding; right axis: cumulative total (US$ million). 2027: projection.*

LEVERAGE

2011–2017 **2.70** → 2018–2026 **3.43**

Up to **3.61** including the US$ 8.0 M initiative with CAF

US$ 5.71 M

in cash mobilized from other agencies 2018–2026, applied directly to projects

+119%

more external resources than in the previous period

9,118

knowledge products 2018–2026, versus 241 in 2011–2017

227

scientific articles 2018–2026 linked to FONTAGRO projects

Our Identity and Flagship Programs

01 Vision

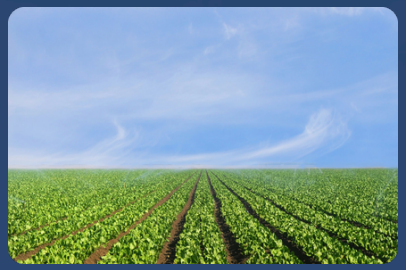
To transform agrifood systems through knowledge so that they are more inclusive and sustainable for the environment and society.

02 Mission

To lead regional coordination, cooperation and dialogue through the sustainable co-financing of public goods initiatives that contribute to knowledge and innovation in agrifood systems and to improving people's quality of life.

03 Values

Integrity, Solidarity, Effectiveness, Transparency and Respect.



#1

Transformation of resilient and carbon-neutral cropping systems



#2

Transformation of livestock and animal protein systems: productive efficiency with a lower environmental footprint



#3

Impact 2030: effective scaling of R&D&I through new extension models, technology transfer and public-private partnerships



#4

Digital revolution in agriculture: robotics and artificial intelligence for regional innovation



#5

The food basket of the future: diversification and use of biodiversity for sustainable nutrition

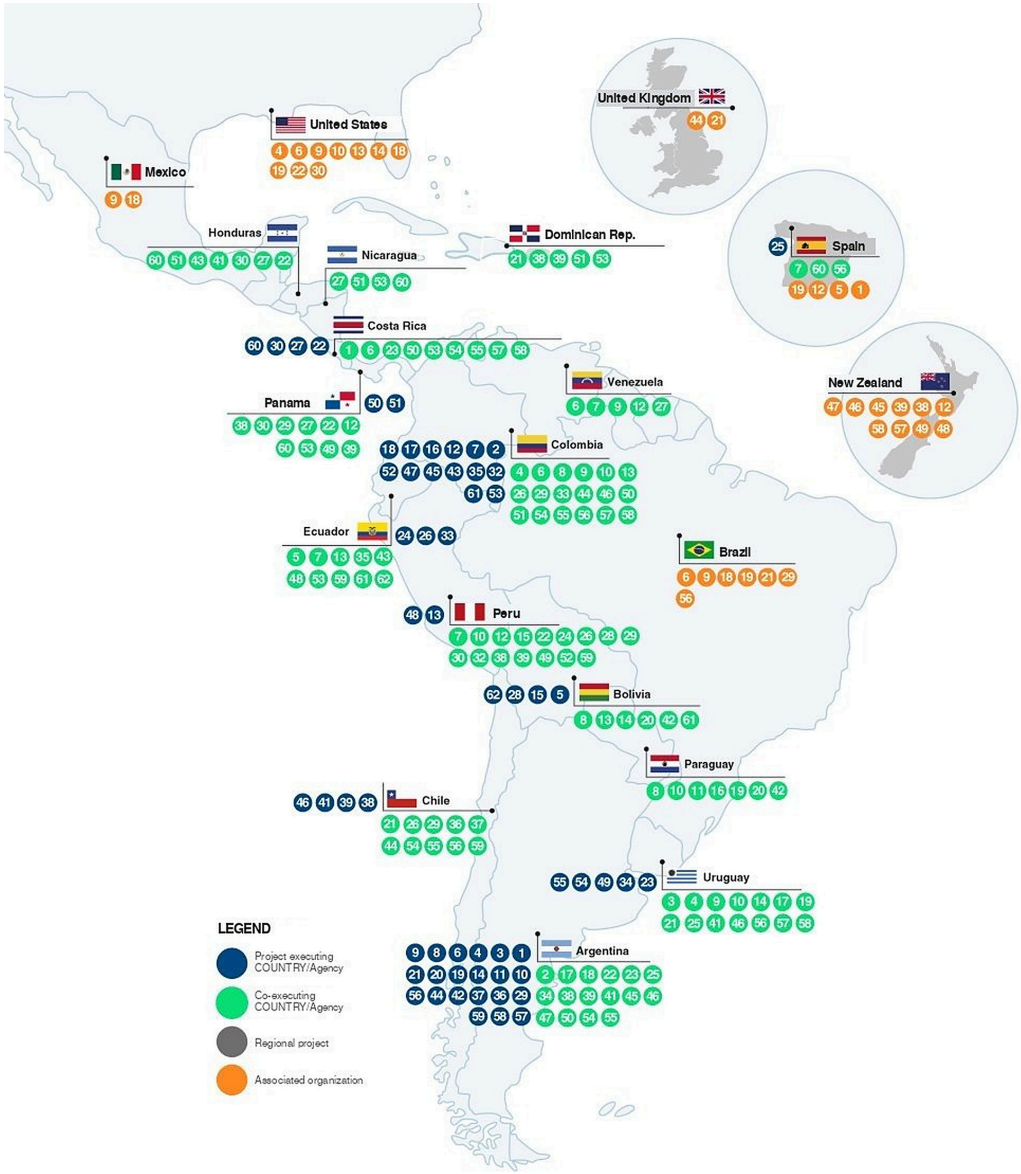


#6

Science for evidence-based policymaking

Innovation Labs

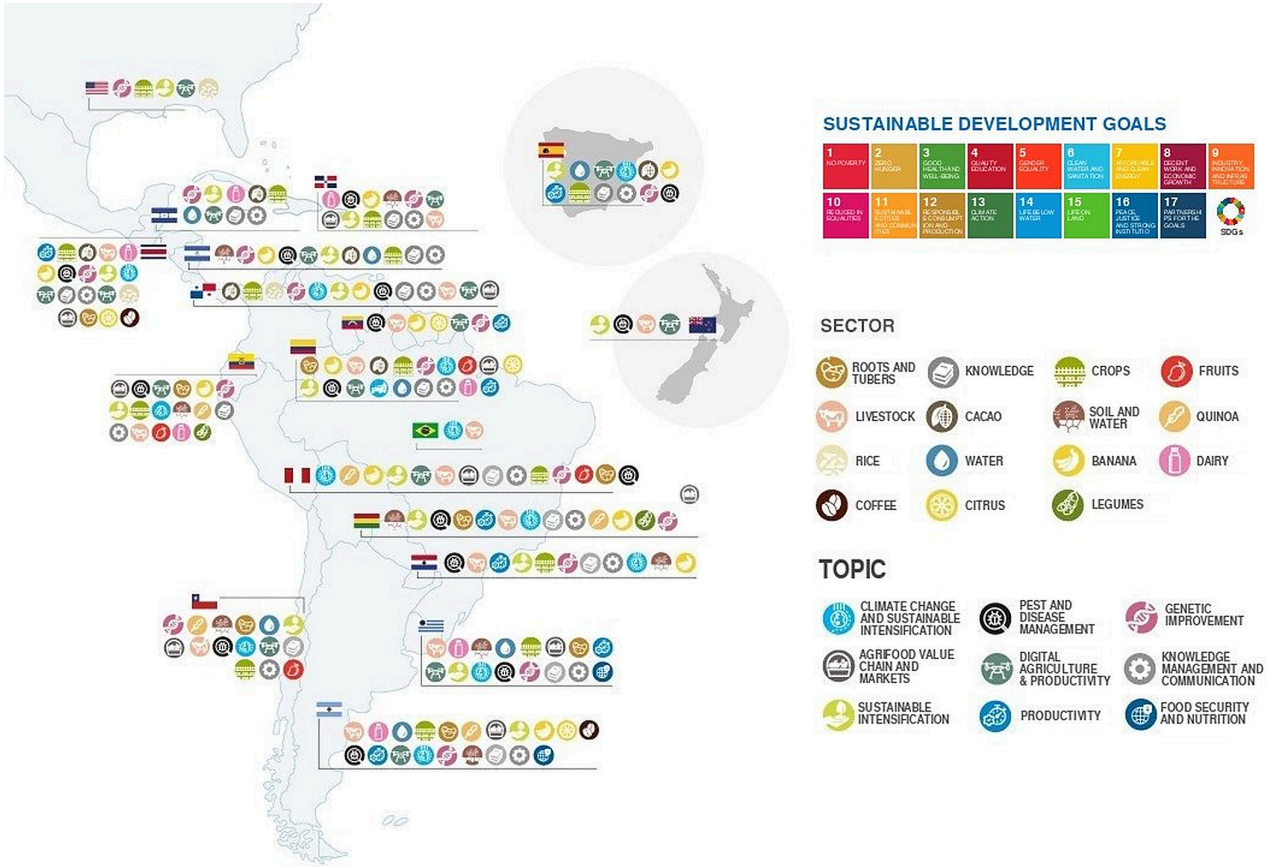
Each FONTAGRO project is an innovation lab: a consortium of at least two member countries sharing problems, capacities and solutions. The map shows portfolio projects by executing and co-executing country.



1. Nanofertilizers to improve nitrogen use efficiency in wheat, maize and coffee — IICA/INTA Argentina
2. Integrated cattle production systems: toward sustainable livestock farming in Argentina and Colombia — IICA/AGROSAVIA Colombia
3. Value added at source: high-quality soybean flour for food programs — IICA/ITANOA Argentina
4. Artificial intelligence for estimating and forecasting rainfed yield potential — IICA/INTA Argentina
5. From the Altiplano to the table: production and processing of tarwi in Bolivia and Ecuador — IICA/UMSA Bolivia
6. Molecular diagnostics and artificial intelligence to anticipate citrus greening in Latin America — IICA/INTA Argentina
7. Risk management of Fusarium (TR4) and other banana and plantain diseases in Latin America and Spain — IICA/AGROSAVIA Colombia
8. New varieties and biologicals to strengthen subtropical banana production — IICA/INTA Argentina
9. Integrated management of New World screwworm — IICA/INTA Argentina
10. Regional Network for Cultivar Evaluation, productivity gap reduction and innovation transfer (RECSO-Americas) — IICA/INTA Argentina
11. Regional cooperation on regenerative agriculture — IICA/INTA Argentina
12. Sustainable management of creole cattle genetic resources — IICA/AGROSAVIA Colombia
13. Regional platform to boost the competitiveness of Andean avocado — IICA/INIA Peru
14. Carbon gaps and service crops — IICA/FAUBA Argentina
15. Climate resilience of the quinoa agrifood system — IICA/INIAF Bolivia
16. Innovation and nature for water management — IICA/AGROSAVIA Colombia
17. Biologicals: evidence for their adoption — IICA/AGROSAVIA Colombia
18. Resilient Maize: innovation and sustainable management of corn stunt — IICA/AGROSAVIA Colombia
19. Restoration of soil organic carbon: contribution of no-tillage systems — INTA/Fundación ArgenINTA Argentina
20. Sustainable livestock farming for the development of the Gran Chaco — INTA/Fundación ArgenINTA Argentina
21. Integration of production systems as a strategy for climate change mitigation and adaptation — INTA/Fundación ArgenINTA Argentina
22. Integration of sorghum cultivation into production systems of the Central American Dry Corridor — IICA/INTA Costa Rica
23. New Horizons in AgTech: scaling innovation in pastoral systems in Latin America and the Caribbean — INIA Uruguay
24. Reducing GHG emissions in potato-pasture systems in Ecuador and Peru — IICA/INIAP Ecuador
25. Climate-resilient wheat — Universitat de Lleida Spain
26. Strengthening the management of the potato purple top complex — IICA/INIAP Ecuador
27. Development and use of biologicals for sustainable agriculture in Latin America — IICA/INTA Costa Rica
28. Resilient native potatoes: safeguarding food security in the face of climate change — IICA/UMSA Bolivia
29. Use, production and trade of seed potatoes in Latin America and the Caribbean — INTA/Fundación ArgenINTA Argentina
30. Development of a genetic improvement network in LAC to promote resilient and nutritious agriculture — IICA/INTA Costa Rica
31. FONTAGRO Annual Operating Plan 2025-2028 — FONTAGRO TAS
32. Strengthening the competitiveness of mango producers in Colombia and Peru — Universidad del Tolima Colombia
33. Multifunctional bioprotectors for postharvest fruit — UTN Ecuador
34. Multifunctional landscapes in extensive agroecosystems — CEUTA Uruguay
35. Sustainable tropical dairy systems — IICA/UNICAUCA Colombia
36. Climate-smart livestock farming in Mapuche communities (FTG) — INTA/Fundación ArgenINTA Argentina
37. Climate-smart livestock farming in Mapuche communities (MPI-NZ) — INTA/Fundación ArgenINTA Argentina
38. Optimizing nitrogen use: higher production and lower impact (N4R) (FTG) — INIA Chile
39. Optimizing nitrogen use: higher production and lower impact (N4R) (MPI-NZ) — INIA Chile
40. FONTAGRO Seed Fund — FONTAGRO TAS
41. Online crop management support platform — IICA/UACH Chile
42. Network of resilient farms with sustainable forest management — INTA/Fundación ArgenINTA Argentina
43. Tropical Agriculture 4.0: efficient water management — AGROSAVIA Colombia
44. One Welfare for the resilience of livestock farms — INTA/Fundación ArgenINTA Argentina
45. Innovations to reduce methane emissions in ruminants — AGROSAVIA Colombia
46. Platform for the transfer and use of biologicals — CEAZA Chile
47. Climate change resilience through the use of bioproducts — AGROSAVIA Colombia
48. Sustainable livestock farming in the Amazon of Peru and Ecuador — IICA/UNALM Peru
49. Satellite monitoring of methane in rice crops — IICA/INIA Uruguay
50. Vertical farming: innovation for horticulture in Latin America and the Caribbean — IICA/IDIAP Panama
51. Regional alliances for the dissemination of iron-rich beans in Latin American countries — IICA/IDIAP Panama
52. Multipurpose silvopastoral systems and family livestock farming — AGROSAVIA Colombia
53. Prevention and management of Fusarium wilt of bananas and plantains — AGROSAVIA Colombia
54. Soil carbon sequestration opportunities in Latin America and the Caribbean (MPI-NZ) — INIA Uruguay
55. Soil carbon sequestration opportunities in Latin America and the Caribbean (FTG) — INIA Uruguay
56. Higher agricultural production with lower nitrous oxide emissions — INTA/Fundación ArgenINTA Argentina
57. Satellite monitoring of biomass quantity and quality (FTG) — INTA/Fundación ArgenINTA Argentina
58. Satellite monitoring of biomass quantity and quality (MPI-NZ) — INTA/Fundación ArgenINTA Argentina
59. Sustainable irrigation and fertilization management in quinoa — IICA/FAUBA Argentina
60. Geographical indications for Mesoamerican cacao — IICA/UNC Costa Rica
61. Climate-resilient potatoes — IICA/AGROSAVIA Colombia
62. Nanotechnology in agricultural soil moisture management — IICA/PROINPA Bolivia

THEMATIC FOCUS OF THE PORTFOLIO

FONTAGRO Projects: Sectors and Topics



An agenda to increase food productivity and value, strengthen resilience and reduce environmental impact.

Efficient and sustainable production

Water, nutrients and forage resources; soils, biodiversity and productive integration; efficient livestock, animal welfare and emissions and carbon measurement.

Climate adaptation and plant and animal health

Adapted genetics, local varieties, pest diagnosis and surveillance, biological control and healthy planting material.

Quality food and territorial value

Nutritional quality, local crops, origin-based differentiation, loss reduction and waste valorization.

Biotechnology, nanotechnology and digital tools

Bio-inputs, nanomaterials, sensors, satellites, agronomic models and artificial intelligence.

Regional cooperation to validate and scale

Trial networks, shared protocols and partnerships among science, companies and producer organizations.

PORTFOLIO MONITORING · AS OF AUGUST 31, 2026

Portfolio and Execution 2026

The TAS supports executing teams throughout the project cycle, from design to technical, administrative and financial closing, with weekly monitoring in IDB and IICA systems.

ACTIVE PORTFOLIO

62 operations

55 active projects and 7 under audit

US$ 14.94 M
FONTAGRO and other agencies' contribution

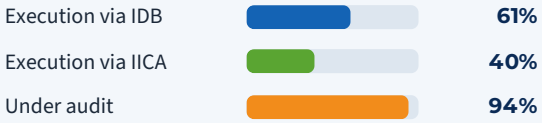
US$ 46.06 M
total investment with counterpart funding



FINANCIAL EXECUTION

52%

overall portfolio disbursement



US$ 7.72 M
cumulative disbursement

US$ 3.10 M
2026 annual disbursement

NEW OPERATING MODEL

US$ 3.90 M
operations administered by the IDB

US$ 9.30 M
operations administered by IICA

US$ 485,138
funds recovered from operations closed since 2024 (includes US$ 100,834 in process)

01 Ongoing training

Weekly sessions on procurement, financial management, indicators, reporting and communication of results.

02 Process standardization

Forms, guidelines and tools aligned with IDB, IICA and FONTAGRO requirements.

03 Personalized assistance

Direct support on operational, technical-scientific, legal and financial issues.

04 Audit and transparency

Coordination of external audits and implementation of recommendations.

2026 Call and Agro-bioentrepreneurship Competition

"Cooperation and innovation to promote more productive, profitable and competitive agrifood systems with a lower environmental footprint in LAC", the first call for proposals aligned with the MTP 2025–2030.

130
proposals received

47 (36%)
scored above 75/100

5
projects authorized, one per Flagship Program; the rest were shared with other funding agencies

US$ 3.88 M
total investment, with US$ 1.25 M from FONTAGRO

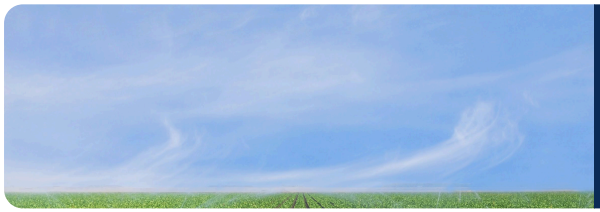
FP	PROJECT	FONTAGRO	COUNTERPART	TOTAL
1	Validation and scaling of advanced fertilization technologies for more productive and sustainable agriculture	250,000	608,472	858,472
2	Integrated cattle production systems to raise productivity, profitability and sustainability while reducing the carbon footprint in Argentina and Colombia	250,000	500,000	750,000
3	Regional scaling of a sustainable technology to improve nutritional quality in Northwest Argentina (NOA) and Uruguay	248,901	522,000	770,901
4	AI-based digital platform for estimating and forecasting yield potential	249,998	500,454	750,452
5	Scaling of resilient production and comprehensive processing of *Lupinus mutabilis* for Andean food security	250,000	500,000	750,000
	Total 2026 Call (US$)	**1,248,899**	**2,630,926**	**3,879,825**



WITH IICA · BIOECONOMY AND INNOVATION DIVISION

Agro-bioentrepreneurship Case Competition

Identifies, documents and disseminates successful bioeconomy innovation and entrepreneurship experiences in the region. Approved by the Board of Directors with an allocation of **US$ 200,000**; there are currently **30 initiatives** in acceleration and incubation processes.



Training
ONGOING

Virtual and in-person workshops for NARI researchers, IICA specialists and project teams on proposal design, management, monitoring and scientific writing; a **weekly training session** (Fridays) open to all teams and the **Café Científico** (Thursdays) for critical analysis of results.

PROGRAMMATIC ACTIVITIES

Projects by Consensus and Science Week

Projects by consensus respond to regional threats and opportunities identified by member countries and are aligned with the Flagship Programs of the MTP 2025–2030.

7 projects by consensus approved in 2026

US$ 1.85 M from FONTAGRO (includes US$ 100,000 from 2027)

FP 1 Resilient and carbon-neutral cropping systems

Risk management of Fusarium TR4 and other Musaceae diseases
Colombia · Ecuador · Peru · Venezuela · Spain
US$ 250,000

Genetic improvement and bioproduction for the banana value chain
Argentina · Paraguay · Bolivia · Colombia
US$ 250,000

FRONT-AL Platform: fruit growing's first line of defense against HLB
Argentina · Colombia · Venezuela · Costa Rica
US$ 250,000

Validation network for climate-resilient coffee hybrids and varieties
CATIE · Peru · Honduras · Nicaragua · Venezuela
US$ 300,000

Regional cocoa cultivar evaluation network
CATIE · Peru · Venezuela
US$ 300,000

FP 2 Livestock and animal protein systems

Integrated management of the New World screwworm
Argentina · Uruguay · Colombia · Venezuela
US$ 250,000

FP 3 Impact 2030: effective scaling of R&D&I

Local seed systems through public-private partnerships (with IFAMA)
Costa Rica · Honduras · Peru
US$ 250,000



JULY 9–10 · SAN JOSÉ, COSTA RICA

Science Week

XXI Annual Technical Project Monitoring Workshop: presentation of progress and results of projects funded by FONTAGRO and other agencies, exchange of experiences and network strengthening. It included sessions on science communication and administrative management for the teams.



Strategic Initiatives

WORLD BANK · FLAGSHIP PROGRAM 6

How to promote public-private partnerships to increase R&D&I investment?

Study on the role of public policies governing NARIs in strengthening public-private partnerships and increasing investment in agrifood R&D&I. A five-dimension framework (governance, coordination, capacities, demand orientation and operating rules), validated with more than **30 stakeholders in 15 countries**. As an additional result, an AI-based self-assessment tool was created: **NARI PPP Capacity Self-Assessment**. The technical dialogue "Connect to Innovate" brought together more than 40 leaders from the region.

CAF · IICA · FONTAGRO

Agroclimatic Innovation Accelerator for Adaptation through Science-Community Partnerships in LAC

Proposal for **US$ 8.0 million** to the Adaptation Fund Climate Innovation Accelerator (AFCIA), to be implemented by FONTAGRO/IICA. It includes competitive calls with grants of up to US$ 250,000 for **at least 20 projects** that link science and communities in climate change adaptation, focusing on small and medium-scale producers, Indigenous peoples, women and youth. Under evaluation; it requires no cash counterpart from FONTAGRO.

IICA · U.S. UNIVERSITIES

Feed the Future Innovation Labs

FONTAGRO and IICA were invited as regional partners in proposals led by the University of Florida, Ohio State University, University of Maryland Eastern Shore, Virginia Tech, Clemson University, North Carolina State University and University of Minnesota, to strengthen scientific cooperation between the United States, Latin America and the Caribbean. The University of Florida proposal advanced to the full proposal stage.

SUPPORT TO MEMBER COUNTRIES · DOMINICAN REPUBLIC

IDIAF Knowledge Management Strategy

The Executive Secretariat supported the Dominican Institute for Agricultural and Forestry Research in all phases: institutional diagnosis, strategic lines, action plan and validation with its technical and management staff, with the backing of the IICA Delegation in the country. A sound strategy will enable IDIAF to consolidate itself as a reliable knowledge hub with territorial impact.

STATUS OF CONTRIBUTIONS AND LEVERAGE BY COUNTRY

Administration and Finance

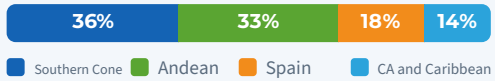
ECONOMIC LEVERAGE BY MEMBER COUNTRY

MEMBER COUNTRY	COMMITMENT (US$ THOUSANDS)	CONTRIBUTION (C)	FONTAGRO (A) US$	OTHER AGENCIES (B) US$	PARTICIPATED	LED	LEVERAGE (A+B)/C
Argentina	20,000	20,000	5,936,298	2,158,556	100	37	**0.40**
Bolivia	2,500	2,500	1,677,757	861,972	45	7	**1.02**
Chile	2,500	2,500	2,475,533	1,384,187	63	19	**1.54**
Colombia	10,000	10,000	5,959,732	3,818,017	105	43	**0.98**
Costa Rica	681	681	2,671,022	2,268,613	70	19	**7.25**
Ecuador	2,500	2,500	2,054,999	725,461	54	8	**1.11**
Spain	14,723	14,723	721,495	–	24	3	**0.05**
Honduras	2,500	2,500	628,734	390,704	30	1	**0.41**
Nicaragua	2,500	1,000	1,200,121	636,706	39	3	**1.84**
Panama	5,000	5,000	1,093,054	744,684	47	8	**0.37**
Paraguay	2,500	2,000	427,814	274,813	34	0	**0.35**
Peru	2,500	2,500	2,403,158	2,399,513	59	11	**1.92**
Dominican Republic	2,500	2,500	677,064	584,841	40	2	**0.50**
Uruguay	5,000	2,500	3,204,473	1,478,125	67	18	**1.87**
Venezuela	12,000	12,000	615,414	468,333	34	0	**0.09**
IDRC (Canada)	100	146					
Total	**87,504**	**83,050**					

Information as of July 31, 2026. Commitment and contribution in US$ thousands. Leverage: dollars received by the country per dollar contributed (not adjusted for inflation). Highlighted: countries with a return greater than 1.

ORDINARY CAPITAL

US$ 83.05 M



US$ 4.5 M pending payment: Uruguay (2.5), Nicaragua (1.5) and Paraguay (0.5).

53.6% / 46.4%

Portfolio 100% in U.S. Treasury bonds: inflation-indexed / nominal (July 2026)

7.25

Costa Rica, the highest return per dollar contributed, followed by Peru (1.92), Uruguay (1.87) and Nicaragua (1.84)

SYNERGIES AND RESOURCE MOBILIZATION

Partnerships and Memberships

Every institutional link is a concrete opportunity for synergy: sharing knowledge, mobilizing complementary resources, avoiding duplication, and generating joint impact where no institution could achieve it alone.

Private sector

Meetings with Bayer, Corteva and BASF, and with U.S. producer associations and chambers linked to soybeans, grains and the meat industry (Meat Institute), to explore co-financing, technology transfer and scaling.

Multilateral organizations

Ongoing dialogue with FAO, IDB, World Bank and CAF, Virginia Tech's GAP Report, the Innovation Labs, the U.S. Department of State and U.S. universities.

Young talent and new proteins

Opportunity with the World Food Programme (WFP) for exchanges of young researchers with the U.S., and collaboration with The Good Food Institute on alternative proteins.

Network of hemispheric centers

PROCINORTE, 1890 Foundation, CATIE (MOU in process), CIMMYT, CIP, CIAT, Bezos Earth Fund and IICA: economies of scale in research and access to climate finance.

Agrinatura and European Union

Following the 2026 annual conference, Agrinatura (over 40 European universities and centers) sent a formal letter of interest for a strategic partnership and an MOU, opening the door to bi-regional consortia and European calls for proposals.

New interested parties

Michigan State University and Kansas State University, the latter regarding the New World screwworm, expressed interest in partnering with FONTAGRO.

MEMBERSHIPS

Expanding membership strengthens the funding base and regional legitimacy. Contact was maintained with **Nicaragua, Paraguay and Uruguay** to settle their outstanding capital, and exchanges continued with **Guatemala, El Salvador, Mexico and Brazil**, which are interested in joining the Fund.

KMC ACTION PLAN 2025–2030

Knowledge Management and Communication

Since the Board of Directors' mandate in 2015, KMC has evolved from a visibility-centered model to a comprehensive approach to strategic knowledge management, science communication and innovation.

PILLAR 1

Regional platform and forum for open science and collaboration

Technical committees, South–South and North–South cooperation, open technical dialogues and multi- and interdisciplinary consortia.

PILLAR 2

Digital innovation, artificial intelligence and decision intelligence

New website and project platform, databases, institutional Dashboard and regional knowledge repository.

PILLAR 3

Strategic communication, institutional capacities and impact

Multichannel communication, new formats, continuous training and brand strategy.

THREE COMMITTEES THAT BOOST THE MTP 2025–2030

KMC Committee

Brings together specialists from the 15 INIAs and IICA. In 2026 it held a meeting on **scientific branding and AI** with over 30 specialists, one on **good communication practices** with 20 focal points, and the **International Certification in AI-Powered Strategy and Political Communication** (The George Washington University), running September–November with 11 representatives.

Scientific Committee

A foresight space that keeps the scientific agenda up to date and strengthens INIA agendas. With the University of Florida it organized workshops on **citrus HLB** and **New World screwworm** (USDA-ARS, IICA, Texas A&M, FAO, WOAH, among others), which agreed on two regional projects.

Markets and International Relations Committee

New Flagship Program 6 committee so that market access negotiations rest on sound scientific evidence: sanitary and phytosanitary measures, traceability, geographical indications, biosafety and more. Inaugural workshop planned for November 2026.

2015
BD mandate

2017
Regional Communication Network

2020
KMC Plan 2020–2025

2021
KMC and Scientific Committees

2024
Strategic Forum, Quito

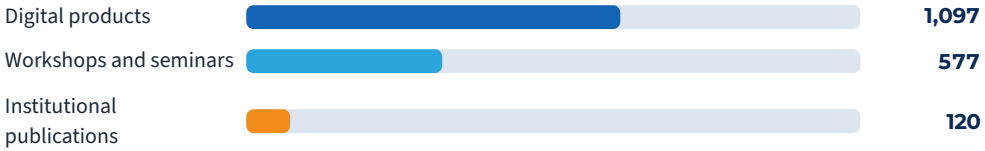
2025
Action Plan 2025–2030

2026
Committees revived, AI and certification

INDICATORS AS OF AUGUST 31, 2026

Knowledge and Communication Results

1,794 knowledge and outreach products +64%



- **84** webstories and success stories
- **16** newsletters
- **71** videos and **31** webinars
- **384** content curations and 20 blogs
- **154** automated FONTAGRO Techs
- **117** validated project products
- **30** scientific articles and 110 news items
- **8** digital platforms and 8 databases

+134%
workshops and seminars (from 247 to 577)

+50%
sessions on the new project platform

22,793 social media followers
+30% year-on-year · +70% since 2024

INDICATOR	2024	2025	2026*
Total followers	13,428	17,464	**22,793**
Fastest-growing network	LinkedIn	LinkedIn	Instagram
New Instagram followers	315	482	2,410
Total social media impressions	576,826	215,534	**707,351**
YouTube views	21,519	36,800	**46,600**
YouTube channel subscribers	1,233	1,959	**2,758**
Average monthly engagement	6.5%	6.5%	6.5%

** 2026: partial period as of August 31.*

11,000
users of the new website, mainly from the U.S. and LAC

13,971
YouTube views of technical dialogues and webinars

New Formats and Digital Platform

Science Voices
One-minute clips in which researchers share the impact of their projects. +10,000 views.

FONTCAST
AI-produced, scientifically verified podcasts that explain projects in plain language. +5,000 views.

“In the voice of”
Monthly space giving voice to the directors of the 15 member INIAs.

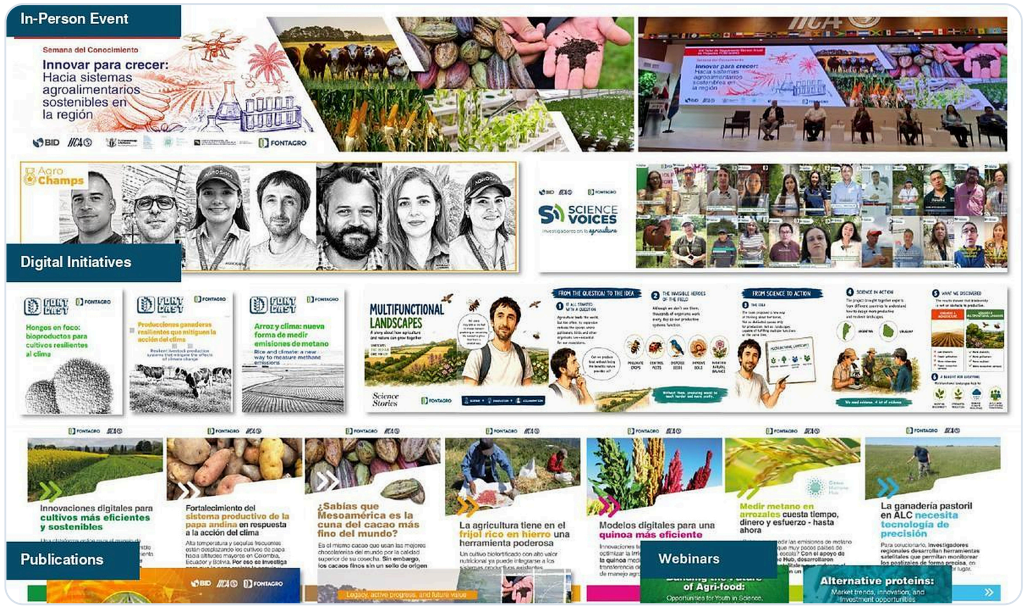
AGROChamps
Monthly recognition of researchers distinguished by their career or awards.

Science Stories
Visual storytelling that presents each project dynamically.

FONTAGRO Forward and Next
Monthly and weekly summaries of project progress and events.

NEW WEBSITE AND PROJECT PLATFORM

A bilingual (ES/EN) redesign that centralizes information on the **227 projects** co-financed, with dynamic visualizations, specialized search tools and a **Dashboard** with indicators by country, sector and SDG. The platform was adopted by INTA (Argentina) and IDIAP (Panama) to manage their own projects.



Newsletter, video platform, webstories

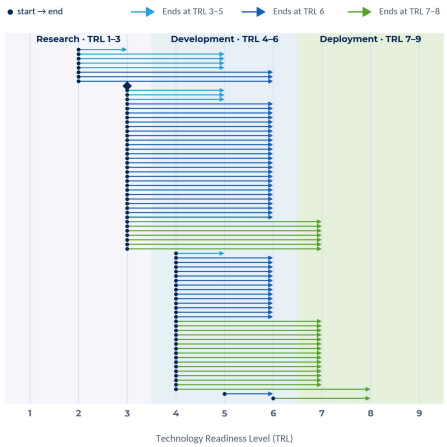
42,160 Subscriptions

46,600 YouTube views



Science, Technology and Impact

TECHNOLOGY READINESS (TRL) OF 78 COMPLETED PROJECTS

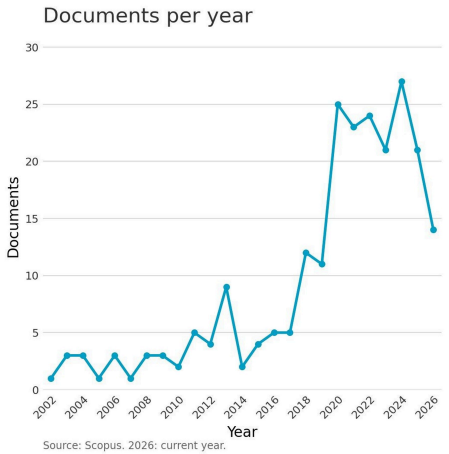


The TRL scale runs from the initial idea (TRL 1) to proven application in real conditions (TRL 9). Most projects start at **TRL 2 to 4** and finish at **TRL 5 to 7**, with some reaching TRL 8.

2–4 → **5–7**

Two- and three-level jumps predominate: projects do not merely generate knowledge, but develop prototypes and validate them in settings increasingly close to real production.

PUBLICATIONS INDEXED IN SCOPUS



Source: Scopus. 2026: current year.

232
works 2002–2026 acknowledging FONTAGRO

7,274
citations · H-index of 42

×3.6
annual average: from 6.5 (2014–2019) to 23.5 works (2020–2025)

Policy influence

Emissions studies have contributed to national inventory methodologies; irrigation and pest management strategies were incorporated into extension programs and technical regulations.

Regional collaborative science

Multi-country platforms that compare approaches and adapt solutions: HLB in Argentina, Paraguay, Uruguay and Bolivia; family livestock farming in Uruguay and Argentina; digital irrigation in Chile, Argentina, Uruguay and Colombia.

An agenda that connects

Trial networks, shared protocols and collaboration among science, businesses and producers to compare, adapt and scale solutions.



Capacity Building and Scientific Quality

387 researchers and technicians trained in 10 graduate courses (2021–2026)

914 product evaluations over the last three years

252
Publishing results · 7 editions: plan, write, visualize and publish

135
Project preparation · 3 editions: from good ideas to competitive proposals

9.5/10
average course and instructor rating

+500
interactions with AI tutors designed in 2026

12
articles supported: 3 published and 3 submitted

10
Science Café meetings, a weekly space for dialogue among teams

In addition, 25 weekly sessions on **Comprehensive Project Management** for over 100 participants, and two webinars on generative AI in research, among the platform's five most viewed.

560
original submissions

354
reviews of new versions

35% approved | 65% with requested improvements

A request for changes is not a rejection of the work: it is a process of improvement and support that strengthens the scientific rigor, alignment with objectives and communication quality of each product. It is complemented by the evaluation of semiannual reports and the recording of technical indicators.



PARTNERS THAT MULTIPLY REGIONAL CAPACITIES

Strategic Partnerships in Action

MPI NEW ZEALAND · GRA

16 years of cooperation for lower-emission livestock and agriculture

The partnership with New Zealand's Ministry for Primary Industries and the Global Research Alliance on Agricultural Greenhouse Gases began by building capacities to **measure agricultural emissions** under the region's conditions and evolved toward solutions that integrate measurement, management and decision support: livestock feeding, satellite forage monitoring, soil carbon, nitrogen use efficiency, bio-inputs and silvopastoral systems.

20
projects: 8 completed and 12 active

16
years of joint work





GLOBAL METHANE HUB

Rice: open-access tool using satellite data, AI and field data to estimate methane emissions (Uruguay, Panama, Peru, Colombia, Costa Rica, U.S. and New Zealand).

Gran Chaco: network of **26 pilot sites** in Argentina, Bolivia and Paraguay to reduce emissions per kilogram of beef produced.

U.S. UNIVERSITIES

University of Florida and Clemson University

Scientific partners in the **coffee** and **cocoa** consensus projects (regional genetic material validation networks led by CATIE). The University of Florida also supports the **FRONT-AL** platform against HLB, the **New World screwworm** project and **RECSO-Americas**, and leads, with FONTAGRO and IICA, proposals for **Feed the Future Innovation Labs**.

PRIVATE SECTOR

Bayer Crop Science and Corteva Agriscience

Bayer co-finances the **regenerative agriculture** project in Argentina and Paraguay, with on-farm pilots validating rotations, cover crops and digital agriculture. **Corteva** joins the cultivar breeding and evaluation agenda in the **sorghum** project. Both partnerships show how private investment speeds technology delivery to producers.

IFAMA

Local seed systems

The **FONTAGRO–IFAMA** partnership, with the International Seed Federation (ISF) and Agraya, strengthens seed production systems in Costa Rica, Honduras and Peru under a “Clean Seed” public-private co-investment scheme. It will benefit at least **2,500 producers**, with potential to scale to over 150,000, and its results will be presented at **IFAMA Peru 2027**.



PORTFOLIO 2026 · 62 OPERATIONS

Active **Projects**

Regional research, development and innovation consortia transforming agrifood systems in Latin America, the Caribbean and Spain.

PORTFOLIO 2026 · 62 OPERATIONS

Active Projects

2026 CALL · CONSENSUS 2026 · CONSENSUS · NZ · GRA · GMH · TAS — New 2026 projects highlighted · operation code at the end of each entry

UNDER EXECUTION · 55 OPERATIONS

01 Argentina, Uruguay, Colombia and Costa Rica are developing a satellite tool to estimate in real time the quantity and quality of biomass available in pasture-based livestock systems, in order to improve productive efficiency, reduce monitoring costs and strengthen regional capacities for greenhouse gas emissions reporting and verification.

ATN/RF-19787-RG NZ · GRA

02 Component of project No. 1 co-financed by the Government of New Zealand (MPI) through the GRA.
ATN/RF-19788-RG NZ · GRA

03 Colombia, Ecuador and Honduras promote digital agriculture by implementing 4.0 technologies for efficient water management in fruit crops, integrating moisture sensors, IoT networks and web applications that optimize irrigation and strengthen the sustainability and competitiveness of production systems.

ATN/RF-20634-RG

04 Argentina, Bolivia, Paraguay and Uruguay strengthen the sustainability and resilience of small livestock producers in the Gran Chaco Americano through a farm network that promotes adaptive management and multiple use of the forest, integrating sustainable silvopastoral systems that conserve biodiversity and improve local livelihoods.

ATN/RF-20635-RG

05 Argentina, Chile, Colombia and the United Kingdom promote livestock system resilience by implementing good practices based on animal welfare, integrated into a regional co-innovation platform that improves productivity, sustainability and adaptation to climate variability in cattle and sheep systems.

ATN/RF-20636-RG

06 Colombia and Argentina are driving technological innovations to reduce methane emissions in pasture-based livestock systems, using remote sensors, feed additives and NIRS spectroscopy to improve productive efficiency and gas measurement.

ATN/RF-20637-RG NZ · GRA

07 Colombia, Argentina and New Zealand are collaborating to strengthen the climate resilience of maize through the integrated use of beneficial fungi with biofertilizer and biopesticide functions, reducing agrochemical use and increasing drought tolerance and soil carbon sequestration. The project seeks to improve agricultural productivity and sustainability by developing bioproducts based on native biodiversity.

ATN/RF-20638-RG NZ · GRA

08 Argentina and Chile promote livestock sustainability by implementing practices adapted to climate variability in rural communities of Río Negro, Neuquén and La Araucanía, strengthening food security and the efficient management of natural resources.

ATN/RF-20639-RG NZ · GRA

09 Component of project No. 8 co-financed by the Government of New Zealand (MPI) through the GRA.
ATN/RF-20640-RG NZ · GRA

10 Chile, Argentina, Peru, Panama and the Dominican Republic are strengthening the measurement and optimization of nitrogen use in crop production, developing specific emission factors and efficient practices that reduce nitrous oxide release and improve the sustainability of agrifood systems.

ATN/RF-20641-RG NZ · GRA

11 Component of project No. 10 co-financed by the Government of New Zealand (MPI) through the GRA.
ATN/RF-20642-RG NZ · GRA

12 Chile, Argentina, Colombia, Uruguay and New Zealand drive a Latin American network for the development and transfer of agricultural bio-inputs, promoting sustainability through the efficient use of biofertilizers and biocontrol agents. The project seeks to increase productivity and plant health control on farms across the region.

ATN/RF-20643-RG NZ · GRA

13 Ecuador, Colombia and Chile are developing multifunctional bioprotectants based on bacterial metabolites and natural compounds to improve the safety and nutritional quality of fruit after harvest, reducing losses and strengthening the sustainability of fruit value chains.

ATN/RF-21044-RG

14 Uruguay and Argentina promote transitions toward multifunctional landscapes through sustainable practices, integration of satellite information and data modeling to optimize agricultural production, reduce environmental impacts and strengthen productive resilience in the Pampa biome.

ATN/RF-21247-RG

15 Colombia and Peru promote the competitiveness of the mango sector through comprehensive use of the fruit under a biorefinery approach, developing high value-added products from the pulp, peel and seed to strengthen the economic and environmental sustainability of production systems.

ATN/RF-21037-RG

16 Argentina, Brazil, Chile, Uruguay, the Dominican Republic, the United States and the United Kingdom promote the integration of livestock and forestry systems to strengthen productive resilience to climate variability, increase carbon sequestration and diversify agricultural systems, driving sustainable intensification practices and their adoption by producers and regional policies.

ATN/RF-21532-RG NZ · GRA

17 Uruguay, Argentina and Costa Rica promote innovation in pasture systems through the expansion and adoption of the 3RWeb digital tool, which optimizes grazing management and integrates nutrition and emissions estimation modules, strengthening productivity, sustainability and forage self-sufficiency.

ATN/RF-21533-RG NZ · GRA

18 Spain, Argentina, Uruguay and the United States develop strategies to improve wheat resilience to climate variability by characterizing physiological mechanisms and identifying drought- and heat-stress-tolerant varieties, strengthening knowledge transfer and the sustainability of regional agricultural systems.

ATN/RF-21535-RG

19 Argentina, Chile, Colombia, Panama, Peru, Brazil, Costa Rica and Uruguay are strengthening the production, use and trade of certified seed potatoes to improve productivity, plant health quality and food security in the region, through producer training and the harmonization of phytosanitary and certification standards.

ATN/RF-21539-RG CONSENSUS

20 Uruguay, Panama, Peru, Colombia, Costa Rica, the United States and New Zealand are collaborating to strengthen regional capacities for monitoring, reporting and verification of methane emissions in rice ecosystems through an AI-based satellite tool. This initiative will generate reliable, free estimates for producers and governments, improving public policy design and the sustainability of the sector.

IICA-1732 (GMH) GMH

21 Peru, Ecuador and New Zealand are collaborating to improve the sustainability of dual-purpose cattle farming in the Amazon by using agro-industrial residues as a source of feed supplementation. The project seeks to increase productivity and reduce emissions, strengthening food security and the efficient use of local resources.

ATN/RF-20627-RG NZ · GRA

22 Argentina, Chile, Peru and Ecuador are developing software tools to optimize irrigation and fertilization management in quinoa, closing yield gaps and improving water and nitrogen use efficiency. The initiative seeks to strengthen the sustainability and profitability of small-scale producers through open-access models and calculators that guide management decisions adapted to different production environments.

ATN/RF-20628-RG

23 Costa Rica, Honduras, Nicaragua, Panama and Spain promote the development of Geographical Indications (GIs) for Mesoamerican cocoa, aiming to add value to its origin, promote collective innovation management and protect the biocultural heritage of cocoa-growing territories. The initiative integrates multidisciplinary studies to identify the factors that determine the distinctive quality of fine-flavor cocoa, strengthening organizational capacities for the implementation and sustainability of GIs.

ATN/RF-20629-RG

24 Bolivia and Ecuador are applying nanotechnology to improve moisture retention in agricultural soils and increase productivity in areas affected by drought and desertification. The initiative develops and validates low-cost, low-environmental-impact nanoclays and hydrogels, promoting their adoption by producers, companies and local communities to strengthen the resilience of Andean agricultural systems.

ATN/RF-20630-RG

25 Chile, Argentina, Uruguay and Honduras are developing a free digital crop management support platform that facilitates agronomic decision-making and promotes the sustainable intensification of agricultural systems in the face of climate variability, helping increase regional productivity and sustainability.

ATN/RF-20631-RG

26 Panama, Argentina, Colombia and Costa Rica work jointly to assess the technical, economic and environmental viability of vertical farming systems as a sustainable alternative for intensive food production in Latin America and the Caribbean. The project seeks to increase productivity and water- and space-use efficiency through controlled, protected or semi-protected systems, strengthening food security and regional competitiveness.

ATN/RF-20632-RG

27 Colombia, Ecuador and Bolivia are developing new early-maturing, drought-resilient potato varieties to strengthen the food and economic security of small-scale Andean producers. The initiative fosters regional scientific cooperation, participatory plant breeding and the creation of an inter-institutional platform to evaluate and select cultivars adapted to climate variability.

ATN/RF-20633-RG

28 Colombia and Ecuador strengthen the sustainability of tropical dairy systems through climate-smart production strategies that improve feed efficiency and productivity, reduce greenhouse gas emissions and contribute to regional food security.

ATN/RF-21038-RG

29 This project, led by FONTAGRO's TAS, enhances FONTAGRO's action on the agrifood system of Latin America and the Caribbean through a clear definition of its thematic strategies, an effective communication plan, growth in researchers' technical capacities and the building of strategic partnerships.

ATN/RF-21524-RG TAS

30 Ecuador and Peru apply conservation agriculture practices in potato-pasture systems to reduce greenhouse gas emissions, improve carbon storage in soils and biomass, optimize productivity and strengthen the sustainability of small-scale livestock systems.

ATN/RF-21534-RG NZ · GRA

31 Ecuador, Peru, Colombia and Chile are strengthening management of the potato purple top complex through regional diagnosis, optimization of molecular detection protocols, and implementation of sustainable management strategies and training for producers and technicians, improving crop health and productivity.

ATN/RF-21536-RG

32 Costa Rica, Honduras, Panama and Venezuela promote the development and use of bio-inputs to strengthen agricultural sustainability in Latin America by harmonizing quality protocols, validating in the field and training producers and technicians to reduce synthetic input use and improve productivity.

ATN/RF-21537-RG

33 Bolivia and Peru strengthen the conservation and genetic improvement of native potatoes to promote their resilience to climate variability and their market value, combining traditional knowledge and genomic tools to preserve Andean agrobiodiversity and strengthen regional food security.

ATN/RF-21538-RG

34 Costa Rica, Honduras, Panama, Peru and the United States are building a regional plant breeding network to strengthen the resilience and sustainability of horticultural systems, promoting more adaptable and nutritious crops and fostering scientific and technological cooperation in Latin America and the Caribbean.

ATN/RF-21543-RG CONSENSUS

35 Costa Rica, Argentina, Honduras, Panama, Peru, Colombia, the United States, Nicaragua and the Dominican Republic strengthen the sustainable intensification of agricultural systems in the Central American Dry Corridor by incorporating sorghum and forage cereal genotypes adapted to each environment, promoting productivity and resilience to climate variability.

ATN/RF-21550-RG NZ · GRA

36 Argentina, Uruguay and Bolivia are driving the regeneration of agricultural soils by estimating carbon gaps and validating service crops as a sustainable intensification strategy. The initiative promotes agroecological practices that improve soil health, strengthen resilience and contribute to climate mitigation.

5633-00 (250178)

37 Bolivia and Peru promote the use of bio-inputs derived from livestock manure to strengthen the sustainability of organic quinoa production. The initiative fosters efficient nutrient management and improved soil fertility through controlled anaerobic digestion, contributing to resilient, low-emission agricultural systems.

5634-00 (250257)

38 Colombia and Paraguay are developing a sustainable, resilient fruit-growing model using AgTech 5.0 technologies that integrate robotics, automation and artificial intelligence to optimize water use and restore ecological connectivity. The initiative strengthens local capacities and promotes digital agriculture.

5636-00 (250289)

39 Colombia, Argentina and Uruguay strengthen the development and adoption of bio-inputs in horticultural and fruit systems by creating innovation networks, validating technologies and building capacities. The project promotes productive sustainability and value addition in regional agriculture.

5612-00 (25092)

40 Colombia and Argentina are developing sustainable technologies and participatory methodologies for the integrated management of the vector Dalbulus maidis and the corn stunt complex. The initiative strengthens participatory monitoring, biological control and water and nutrient use efficiency, contributing to more resilient agricultural systems.

5623-00 (25044)

41 Argentina, Paraguay, Uruguay, Spain, Brazil and the United States strengthen the restoration of soil organic carbon by promoting no-till systems and good agricultural practices. The initiative generates scientific evidence and digital tools to guide sustainable management decisions, improve soil health and increase productive resilience.

5635-00 (250276)

42 The project addresses the health and trade risks associated with cadmium in avocado plantations in Peru, Colombia, Ecuador and Bolivia. It standardizes methodologies, conducts sampling and management trials, and develops agronomic practices to reduce metal uptake. It builds capacities through workshops, technical exchange and outreach materials, contributing to safer and more sustainable production systems.

5637-00 PC CONSENSUS

43 The project brings together Colombia, Panama, Peru and Venezuela to strengthen the sustainable management of Creole cattle through genetic characterization, conservation actions and assessment of methane emissions using remote sensors. The initiative seeks to improve the resilience and efficient use of these adapted breeds and strengthen technical capacities in participating countries.

5638-00 PC CONSENSUS

44 The project promotes regenerative agriculture in Argentina and Paraguay through field pilots that integrate sustainable practices and digital agriculture. It generates evidence and replicable methodologies, promotes public-private dialogue and develops regional public goods. It seeks to improve productivity, soil health and sustainability, building capacities and enabling a more resilient agrifood transition.

5499-00 PC CONSENSUS

45 This project will strengthen the sustainability and competitiveness of soybean in Argentina, Uruguay, Paraguay, Colombia and Peru through a regional network of comparative trials that optimizes cultivar choice and management decisions. It develops predictive models and digital tools to improve yield and climate adaptation, and promotes knowledge transfer to producers, technicians and seed companies through coordinated regional governance and standardization.

5639-00 PC CONSENSUS

46 Argentina, Bolivia and Paraguay promote sustainable, climate-smart livestock farming in the Gran Chaco by incorporating technological innovations, silvopastoral systems and efficient grazing management. The initiative seeks to improve productivity, reduce the carbon footprint and strengthen local capacities for sustainable management.

250339 GMH

47 Argentina and Costa Rica are validating nitrogen nanofertilizers in wheat, maize and coffee through a network of on-farm trials to increase nitrogen use efficiency, productivity and profitability, and to reduce emissions and leaching losses.

5682-00 (26005) 2026 CALL · FP 1

48 Colombia and Argentina implement sustainable intensification packages in the Orinoquía, the Flooding Pampa and the dry Chaco to raise productivity and improve the net greenhouse gas balance of livestock systems.

5683-00 (26185) 2026 CALL · FP 2

49 Argentina and Uruguay are scaling up a patented, solvent-free technology to produce soybean flour fit for human consumption and develop nutritious baked goods with potential for public food programs.

5684-00 (26133) 2026 CALL · FP 3

50 Argentina, Colombia and Uruguay are developing an AI-based digital platform to estimate and forecast rainfed yield potential of maize, wheat and soybean at field scale.

5685-00 (26182) 2026 CALL · FP 4

51 Bolivia and Ecuador are scaling up resilient production and comprehensive processing of tarwi (Lupinus), a high-protein legume, to improve the nutrition and incomes of Andean smallholders.

5686-00 (26195) 2026 CALL · FP 5

52 Colombia, Ecuador, Peru, Venezuela and Spain strengthen risk management for Fusarium TR4 and other banana and plantain diseases using biocontrol agents, tolerant varieties, healthy planting material and digital surveillance.

5688-00 PC CONSENSUS 2026

53 Argentina, Paraguay, Bolivia and Colombia evaluate new banana clones adapted to the subtropics and promote the use of bio-inputs for sustainable crop management.

5689-00 PC CONSENSUS 2026

54 Argentina, Colombia, Venezuela and Costa Rica, with the University of Florida and EMBRAPA, are creating a regional HLB platform that integrates molecular diagnostics and artificial intelligence.

5687-00 PC CONSENSUS 2026

55 Argentina, Uruguay, Colombia and Venezuela promote integrated management of the screwworm by training producers and veterinary services, researching treatments and developing surveillance tools.

5690-00 PC CONSENSUS 2026

UNDER AUDIT AND CLOSING · 7 OPERATIONS

56 This project, led by the FONTAGRO TAS, promotes the creation of Seed Funds to support the formulation of regional agrifood innovation initiatives. Through workshops and strategic partnerships, it fosters co-financing of scientific and technological projects that strengthen sustainability, resilience and sustainable intensification in Latin America and the Caribbean.

ATN/RF-19885-RG TAS

57 Colombia and Peru promote multipurpose silvopastoral systems as a sustainable alternative to strengthen family livestock farming in tropical regions. The project fosters an innovation platform integrating public and private actors, encourages the adoption of productive and environmentally sustainable practices, and values ecosystem services to design incentive mechanisms that facilitate scaling.

ATN/RF-19277-RG

58 Panama, Nicaragua, Honduras, Colombia and the Dominican Republic promote the adoption of iron-biofortified bean varieties to strengthen food and nutrition security in Latin America and the Caribbean. The project supports the validation, release and dissemination of climate-adapted varieties, the strengthening of value chains and the generation of regional knowledge to stimulate demand and technology adoption.

ATN/RF-19314-RG

59 Colombia, Costa Rica, Ecuador, Nicaragua, Panama, Dominican Republic, Bolivia, Paraguay, Peru and the United States strengthen regional capacities to prevent and manage Fusarium wilt of Musaceae. The project promotes early diagnosis, biosecurity and technology transfer to producers.

ATN/RF-18761-RG

60 Uruguay, Argentina, Chile, Colombia and Costa Rica strengthen their capacities to quantify and monitor soil organic carbon, contributing to climate change mitigation and compliance with the Paris Agreement. The project identifies carbon sequestration opportunities and assesses their economic and environmental impact through a regional multi-agency platform.

ATN/RF-18769-RG NZ · GRA

61 Component of project No. 60 co-financed by the Government of New Zealand (MPI) through the GRA.

ATN/RF-18770-RG NZ · GRA

62 Argentina, Chile, Colombia, Spain, Uruguay and Brazil are developing next-generation microbial inoculants that improve agricultural productivity and significantly reduce nitrous oxide emissions. Using non-transgenic gene-editing techniques such as CRISPR/Cas9, the traditional benefits of inoculants are enhanced, positioning Latin America as a leader in sustainable biotechnology innovation.

ATN/RF-18786-RG

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