

FUEL THE FARMER.
FEED THE SOIL.
FOSTER THE FUTURE.



Healthy soils are the foundation of food security, climate resilience, and economic transformation. However, the global agricultural landscape faces mounting challenges: over 673 million people experience food insecurity, and more than one-third of the world's soils are moderately to severely degraded. As the global population grows toward 9.7 billion by 2050, the need to boost productivity with limited resources has never been more critical.

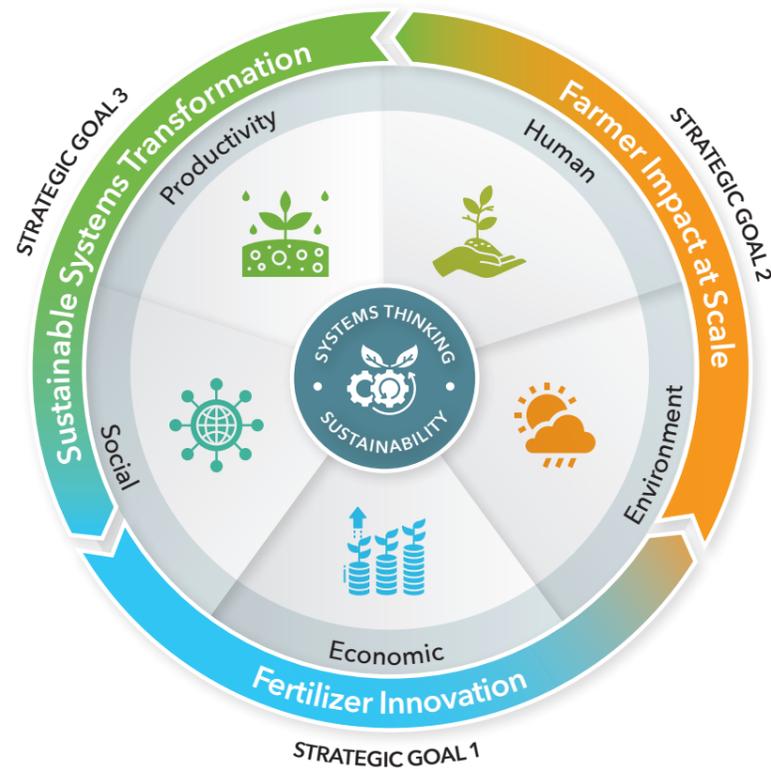
Achieving lasting, sustainable agricultural impact requires scaling practical, science-based solutions adapted to real-world contexts.

IFDC is contributing to global food security and inclusive agricultural growth with an emphasis on fertilizer research, agroecological relevance, market opportunity, and alignment with national and regional priorities. Closing gaps between innovation and market access will turn science into solutions to strengthen both the land and the livelihoods of those who farm it. Through a multi-sector collaborative approach, our experts are building the resilient foundation necessary for global food security.

To address agricultural challenges the world faces now and in the future, IFDC aims to drive fertilizer innovation, deliver farmer impact at scale, and transform agricultural systems that will revitalize soil health, improve livelihoods, and build resilient food systems worldwide.

Our Theory of Change

If we develop and scale climate-smart fertilizer innovations **AND** empower farmers with sustainable practices **AND** transform market systems to be more inclusive, **THEN** soil health will be restored, farmer livelihoods will improve, and food systems will become more resilient.



VISION

What We Aspire to Achieve

A world where farmers thrive on healthy soils, empowered by fertilizer innovation and sustainable practices, producing abundant and nutritious food for all on less land while restoring our soils and safeguarding our planet for future generations.

MISSION

What We Do and How We Do It

Innovating soil and fertilizer solutions to nourish people and protect the planet.

We advance fertilizer innovation, soil fertility, and soil health solutions with our partners in research and development, empowering farmers to grow more nutritious food, boost productivity, address food insecurity, enhance resilience of food systems, and protect the environment for lasting agricultural transformation.

VALUES



Collaborate

We operate as One IFDC, working across programs and countries to deliver meaningful, lasting impact.



Innovate

We learn continuously and design responsible, adaptive solutions that drive measurable results.



Include

We champion equity and ensure that women, youth, and marginalized groups have meaningful voice and opportunity.



Act with Integrity

We steward resources ethically and transparently, holding ourselves accountable to communities, partners, staff, and donors.

OUR STRATEGIC GOALS



Strategic Goal 1: Fertilizer Innovation

Accelerate the development, validation, and deployment of next-generation fertilizer and soil health innovations that improve productivity, profitability, and environmental sustainability.

Result 1: Global and Regional Capacity to Generate Context-Specific Fertilizer Solutions Is Strengthened

Establish the Global Network of Fertilizer Innovation Centers (GNFIC) to build regional capacity.

Result 2: Climate-Smart Fertilizers for Smallholder Farmers Are Co-Developed and Scaled

Collaborate with partners to design innovations tailored to specific regions, soils, crops, and climates, improving nutrient use efficiency, productivity, and environmental sustainability

Result 3: Smallholder Farmers Access and Adopt Next-Generation Fertilizers

Work with the GNFIC's extension partners and within our global programs to make innovations affordable, accessible, and scalable for smallholder farmers, especially women and youth.



Strategic Goal 2: Farmer Impact at Scale

Implement an approach that connects innovative fertilizer solutions with comprehensive farmer support systems.

Result 1: Farmers Adopt Sustainable Soil and Nutrient Management Practices for Higher Yields and Income

Support farmers through evidence-based field approaches, including Smart Diagnostics for soil testing, the Participatory Integrated Planning (PIP) method for farmer-led design of resilient farming systems, and the Caravan approach for upscaling transformative technologies.

Result 2: Farmers Access and Apply Innovative Inputs, Technologies, and Trainings

Deploy smallholder-centric, evidence-based models to test, adapt, and refine innovations through field trials, demonstration plots, innovation incubators, and learning exchanges.

Result 3: Farmers Secure Improved Access to Agricultural Markets

Facilitate market linkages that connect smallholder farmers to value-added opportunities and remunerative agricultural markets.



Strategic Goal 3: Sustainable Systems Transformation

Establish an integrated systems transformation approach to strengthen market systems, improve regulatory frameworks, and enhance knowledge ecosystems.

Result 1: Inclusive Agriculture Value Chains Enhance Food Security and Increase Profitability

Deploy the Competitive Agricultural Systems and Enterprises (CASE) approach to develop agribusiness clusters and strengthen value chains that reduce post-harvest losses, improve nutrition, and increase profitability.

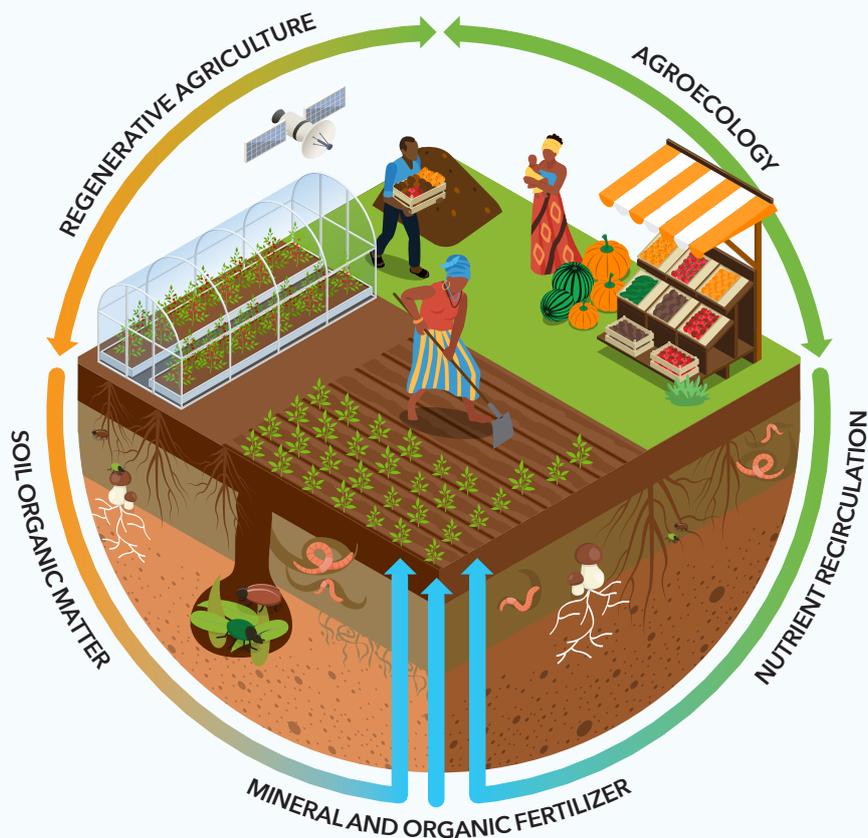
Result 2: Policy Frameworks Are Advocated and Implemented to Enable Fertilizer Innovation and Use in Alignment with Regional Strategies

Support fertilizer policy reform, regulatory strengthening, and quality control to develop regional evidence-based policies, harmonize standards, and advocate for sustainable fertilizer incentives.

Result 3: Global Partnerships Mainstream Fertilizer Innovation, Soil Health, and Climate-Smart Agriculture into Policy, Education, and Investment Systems

Establish and lead global partnership platforms that ensure nutrient use efficiency and climate-smart agriculture are incorporated into national and international systems, educational curricula, and investment frameworks.

Beyond Mineral and Organic Fertilizers Toward Recirculation



IFDC is advancing a soil health-centric strategy that applies circular and regenerative principles to restore land and reduce external dependence. Building on the 4Rs of Nutrient Stewardship (Right Source, Right Rate, Right Time, and Right Place), our 8R approach integrates the circular and regenerative principles through four additional components:



Recycle: Convert agricultural and urban waste into high-value organo-mineral fertilizers.



Record: Deliver measurable, verifiable, and evidence-based advisory services farmers can trust.



Rebuild: Restore soil organic carbon and microbial activity to revitalize the foundation of farming.



Resilient: Reduce nutrient losses through climate-smart scheduling and practices resilient to global shocks.



PARTNER WITH US

Join us in creating solutions that empower farmers and nourish the planet. Partner with IFDC today and contribute to a global network driving agricultural transformation from the ground up.