Excellence in Breeding
Implementing for Impact

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One CGIAR Transformation

A fresh strategy, a more relevant, integrated science agenda for impact.

Integration of capacities, resources, partnerships with clear governance and empowered governance and a consistent presence.

To deliver development impacts more consistently and efficiently under fewer institutional boundaries.

One CGIAR = more accessible and easier to work with locally and globally, providing a single-entry point to access our services and expertise.
Science-regional Initiatives deliver integrated solutions

- Continuous demand creation and solution feedback loops
- On-farm and landscape integrated solutions
- Systems Transformation (ST) Initiatives
- Regionally Integrated Initiatives
- Genetic Innovation (GI) Initiatives
- Enabling environment-level solutions (policies, institutions) at the national, regional and international levels
- Informed Technological solutions (varieties and seeds) at the farm level

Impact Areas:
- Nutrition, Health & Food Security
- Poverty Reduction, Livelihoods & Jobs
- Gender Equality, Youth & Social Inclusion
- Climate Adaptation & Mitigation
- Environmental Health & Biodiversity
One CGIAR Genetic Innovation Action Areas

4 Groups + 6 Global Initiatives for Sustainable Development Outcomes

Market Intelligence
- Market Intelligence for more equitable and impactful genetic innovation

Genebanks
- Genebanks: Conservation and use of genetic resources

Plant Breeding & Prebreeding
- Accelerated Breeding: meeting farmers’ needs with nutritious, climate-resilient crops
- Enabling Tools, Technologies & Shared Services for genetic gains
- Accelerated crop improvement through Precision Genetic Technologies

Seed Systems
- SeEdQual: Delivering genetic gains in farmers’ fields

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One CGIAR Genetic Innovation Initiative: Implementation for Impact

Increasing genetic gain and varietal turnover in farmers’ fields by:

- **Conserving** genetic resources and expanding their use
- **Prioritizing breeding investments** in high-impact market segments
- **OneCGIAR-NARS networks**, with market intelligence, increase adoption
- Accelerating crop improvement through precision genetic technologies
- Increasing seed sector investments and effectiveness in scaling up access for farmers to new varieties.
One CGIAR Genetic Innovation Implementation for Partners

- Enabling **tools, technology, and shared services** to enhance efficiency and effectiveness.
- **End-user needs drive breeding programs** with **market intelligence helping to increase adoption** for impact
- **Shortened time** to develop varieties and **increased varietal turnover** of varieties in fields
- Strengthened **national/regional seed systems** through capacity development and sustainable business models with **partners**
- A new **multi-stakeholder collaboration** hub for shared learning, data and feedback loops
- **Investor Dashboard to monitor ROI**—sustainable outcomes
Genetic Innovation
Builds upon Success from Excellence in Breeding

• EiB has successfully accelerated the modernization of crop breeding programs that serve farmers in low- and middle-income countries.

• Genetic Innovations will continue, and expand, EiB's mindset of system-level coordination, shared services, expert guidance, and access to cutting-edge innovations, so OneCGIAR-NARS breeding networks deliver.
Thank you!