



Excellence in  
Breeding  
Platform

# Excellence in Breeding Implementing for Impact

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16 November 2021

# 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.

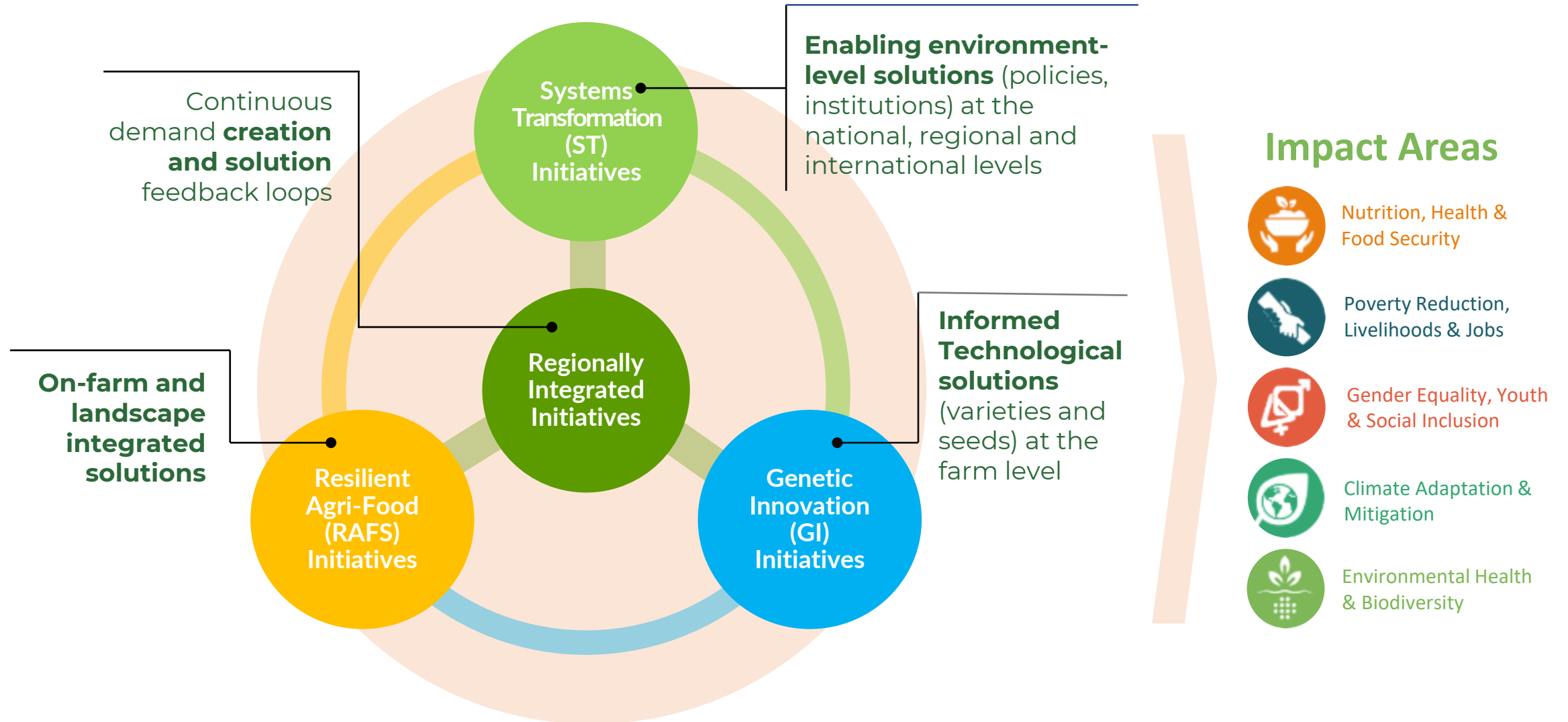


To deliver **development impacts** more consistently and efficiently under fewer institutional boundaries



OneCGIAR = 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



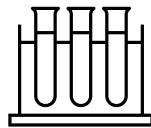
# One CGIAR Genetic Innovation Action Areas

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

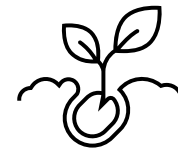


## Plant Breeding & Prebreeding

**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

## 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 Initiative: Implementation for Impact

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



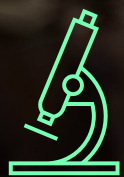
**Conserving** genetic resources and expanding their use



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.



A photograph of a person in a dark shirt and pants working in a greenhouse. The person is bent over, tending to a row of potted corn plants. The greenhouse has a curved, arched structure with a translucent covering. The floor is covered with dark soil and rows of young corn seedlings. The lighting is bright, suggesting an indoor or covered environment.

## 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!**

