



UNITED NATIONS COMMISSION ON SCIENCE
AND TECHNOLOGY FOR DEVELOPMENT
2023-2024 Inter-sessional Panel

Engagement for Science, Technology and Innovation for Development

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Science, Technology, and Innovation (STI) to address today's global challenges



Source: [FAO, 2023](#), [IPCC, 2021a](#); [Jarvis et al., 201](#), [FAO, 2011](#); [World Bank, 2018](#)



15 top-class Research Centers

CGIAR's global network of 15 Research Centers contributes to an unrivalled mix of knowledge, skills and research facilities able to respond to emerging development issues.

89 countries

We have a local presence in 89 countries with a deep knowledge of customs, values and market operations in developing countries.

770,000+ germplasm accessions

CGIAR Research Centers have together built up the largest and most frequently accessed network of genebanks in the world.

3,000+ partners

Unequaled partnerships network of more than 3,000 partners from national governments, academic institutions, global policy bodies, private companies and NGOs.

50 years experience

A wealth of experience and knowledge spanning 50 years that builds on a track-record of innovation and world-class research.

60+ innovations that changed the world

In 2021, CGIAR celebrated its 50th anniversary by showcasing its most impactful innovations of all time.

The importance of partnerships

- Achieving the 2030 Agenda requires improving the way we work with the Global South to **co-identify, co-create, co-deliver** STI solutions
- We need more **inclusive and participatory approaches** to facilitate knowledge exchanges.

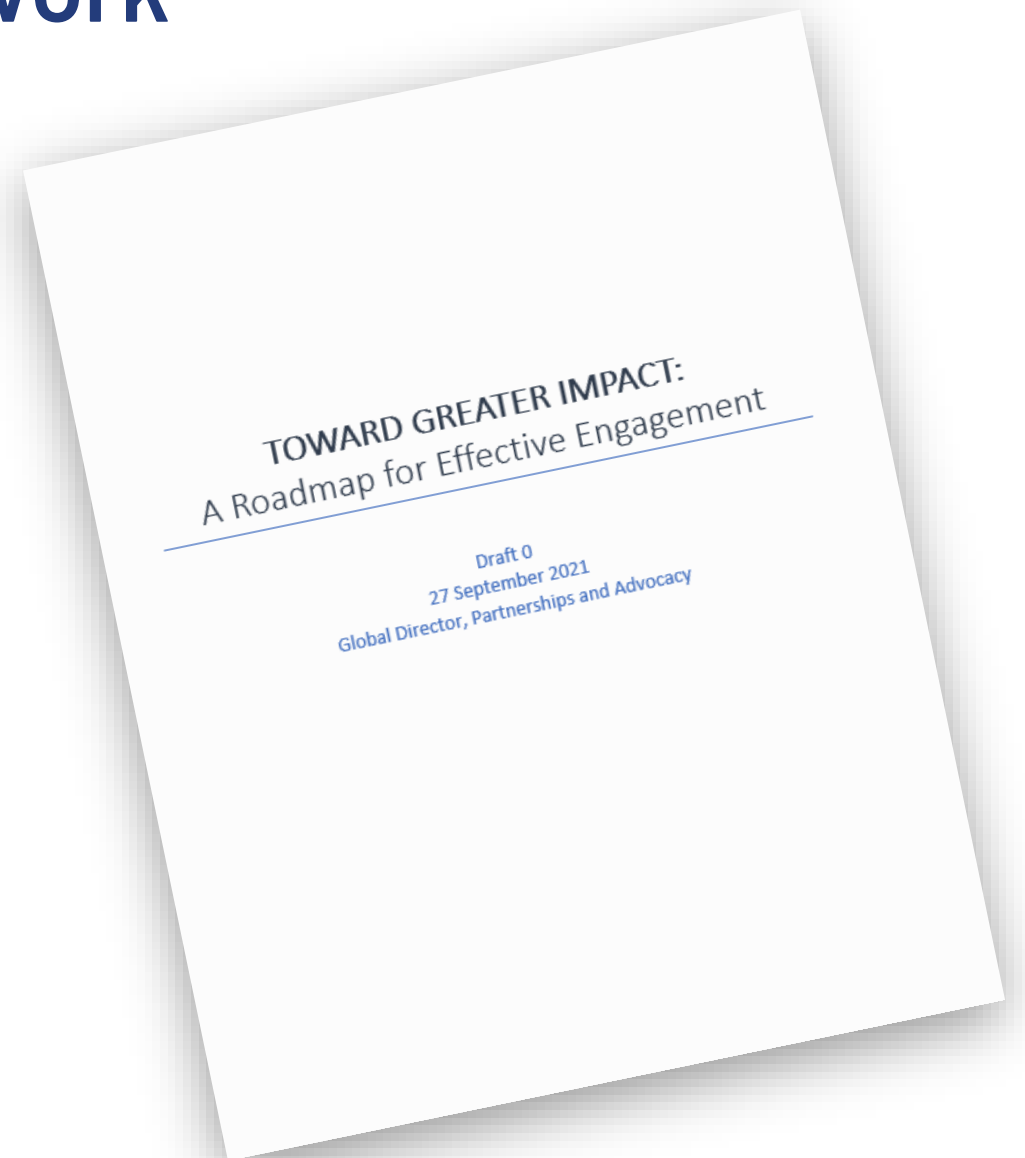


1. CGIAR Engagement Framework

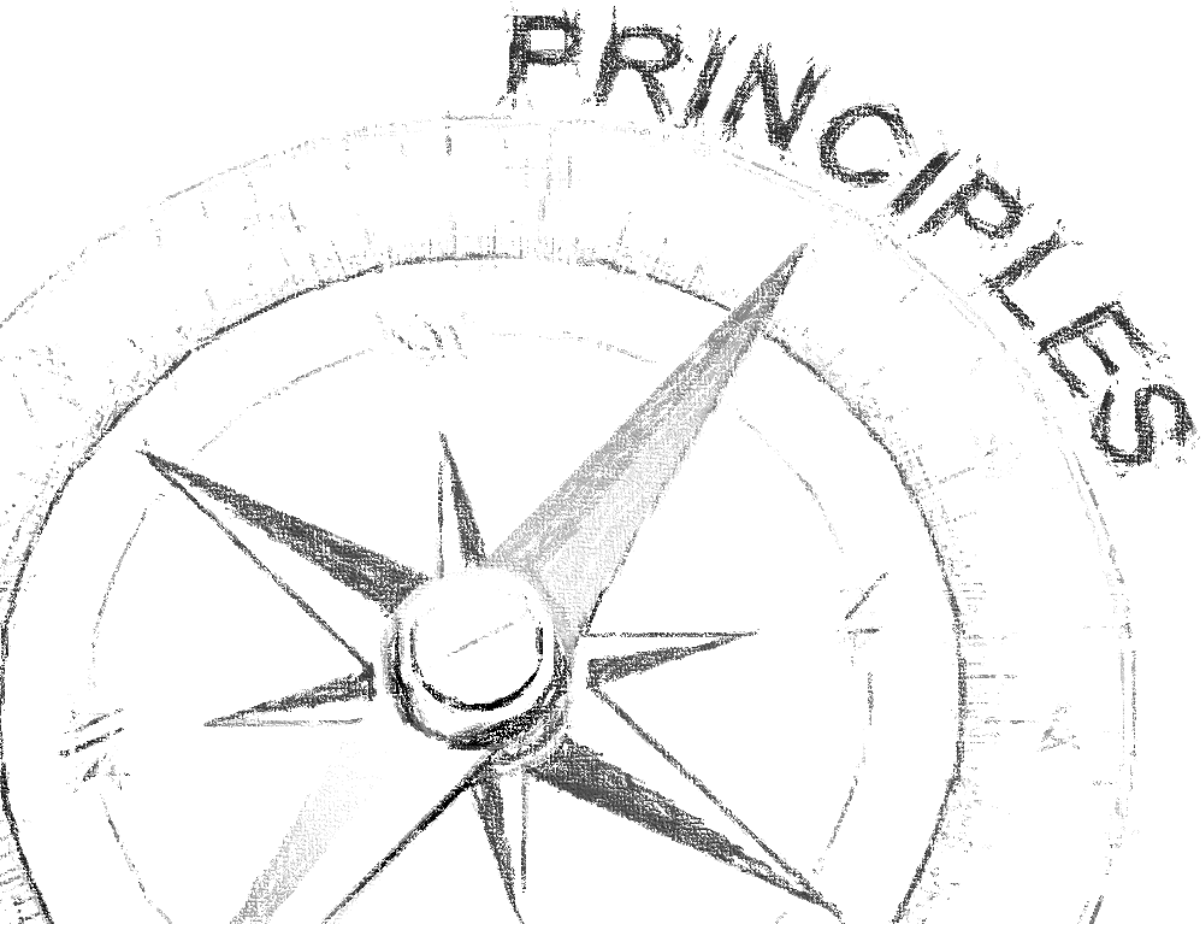
Supports CGIAR and its partners to broaden their base of resources, expertise, and experience to co-create, deliver and scale research, innovations, and technologies toward greater impact.

Version 2.0 under construction and informed by:

- [High-Level Advisory Panel Recommendations](#) (Jan. 2023)
- [Integration Framework Agreement](#) (Dec. 2022)
- Lessons learned (since 2021)



7 principles to guide our partnerships



1. Complementarity for impact
2. Shared ownership
3. Focus on results
4. Transparency and accountability
5. Integrity
6. Calculated risk
7. Learning culture

CGIAR's 2030 Research and Innovation Strategy

A collage of six images arranged in a circular pattern around the central text. The images include: a hand holding a green mango, a hand holding a smartphone displaying a green field, water splashing from a hand, a hand holding a plate of food with rice, vegetables, and an egg, a hand holding two sliced orange slices, and a hand holding a purple leafy vegetable.

CGIAR 2030 RESEARCH AND INNOVATION STRATEGY

Transforming food,
land, and water systems
in a climate crisis

Vision

A world with sustainable and resilient food, land and water systems that deliver diverse, healthy, safe, sufficient and affordable diets, and ensure improved livelihoods and greater social equality, within planetary and regional environmental boundaries.

Mission

To deliver science and innovation that advance transformation of food, land and water systems in a climate crisis.

Impact

CGIAR is targeting multiple SDG benefits across five Impact Areas, with collective global targets for transformation of food, land and water systems across local, regional and global levels.

Research portfolio – 32 initiatives -> 5 Impact Areas

Critical science, knowledge, and tools towards global targets for food, land, and water systems across five **SDG-related** Impact Areas.

Examples:



Mitigation and Transformation Initiative for GHG Reductions of Agrifood Systems Related Emissions (MITIGATE+)



Transformational Agroecology Across Food, Land, and Water Systems



Sustainable Healthy Diets through Food Systems Transformation (SHIFT)



Environmental health and biodiversity



Nutrition, health and food security



Poverty reduction livelihoods and jobs



Gender equality, youth and social inclusion



Climate adaptation and mitigation

2. Country-level Listening Sessions for Portfolio25

Our Purpose & Ambition:

Informing Portfolio25 by listening to our critical stakeholders in country

Posture & Approach:

Curiosity, Empathy, Engagement, Active Listening, forward looking posture, openness to receiving feedback in a non-defensive way...

Overall outcome:

Portfolio25 informed and framed by CGIAR's critical stakeholders laying the ground for healthy impactful partnerships

Question Area #1: Impact

Where do you envision our collaboration making the most impact in the next 4 years?

Question Area #2: Collaboration and partnership

How can we create a transformative partnership that not only amplifies our collective influence but also regenerates our relationship for lasting impact?



Capacity Sharing for Development (CapSha)

Capacity Development:

- Critical “impact pathway” to scale research and innovation; and
- Accelerate global progress toward the Sustainable Development Goals.



CapSha:

Embraces mutual learning, co-development, sharing and exchange of evidence, innovations and technologies with partners, versus the traditional unidirectional transfer of knowledge and skills.



1. **Research, scaling and policy engagement**
2. **Education and Training**
3. **South-South and Triangular Cooperation**

3. Research Engagement (CapSha)

- Research led by national partners
- Addresses national priorities
- Also aligned to CGIAR Impact Outcomes
- Success:
 - *Rigorous scientific outputs*
 - *Improved partnership health*
- Rebalancing of power asymmetries
- Prototypes in Ethiopia, Rwanda and Senegal





Thank you!