

One CGIAR:

A more unified and impactful partner to unlock the potential of agricultural innovations and accelerate achievement of SDGs

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5th Africa-wide Agricultural Extension Week (AAEW)

14-20 November 2021, Kampala, Uganda

Global recognition for role of CGIAR in transforming food systems



Donors show support for One CGIAR at COP26 with pledges dedicated to helping smallholder farmers adapt to climate change-induced loss and damage

We commit to leveraging the power of national and multilateral research institutions, such as the One CGIAR ... This is critical to generate knowledge, strengthen innovation systems, and ensure partnerships accelerate the pace and scale of innovation required to make food systems resilient and stable ...

#OneCGIAR



BILL GATES

Co-founder,
Bill & Melinda Gates
Foundation

... as the CGIAR System launches its new ambitious 10-year Strategy to accelerate climate solutions for food, land, and water systems, the current level of investment in CGIAR research isn't even half of what it needs to be.

#AdaptationSummit
#OneCGIAR



AGNES KALIBATA

President of AGRA and
Special Envoy for 2021 UNFSS

Let me start by congratulating CGIAR on launching this Strategy and its contributions to food systems and commitments to climate change. We look forward to working with you to ensure this becomes a reality.

#OneCGIAR



BAN KI-MOON

8th UN Secretary-General,
Co-Chair of the Ban Ki-moon
Centre for Global Citizens

Now more than ever, we need your efforts to support demand-driven innovations such as those championed by CGIAR.

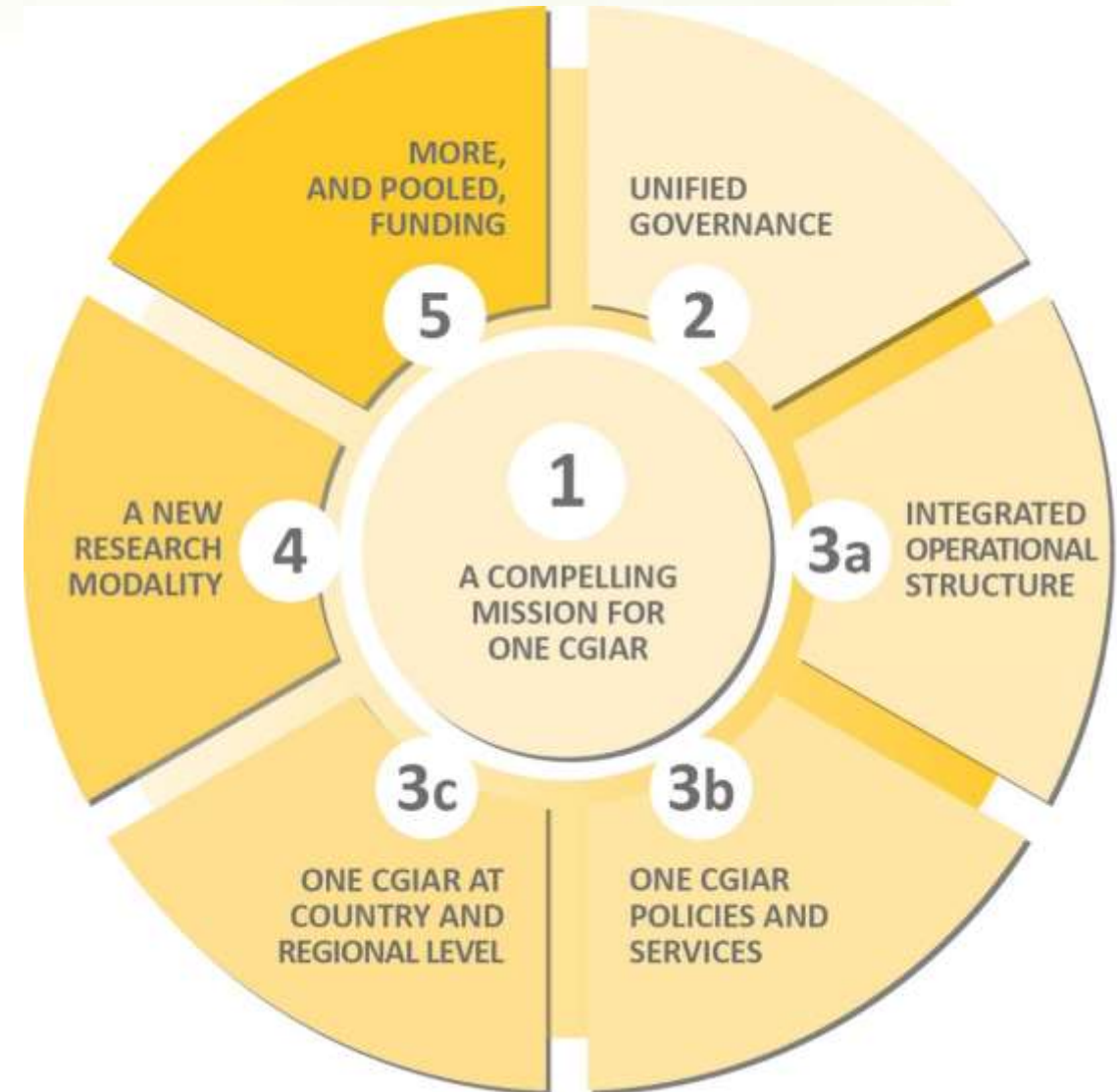
#OneCGIAR



What Is One CGIAR?

A more unified and integrated CGIAR

Bringing together its capabilities, knowledge, assets, people and global presence, aiming for greater integration in the face of the interdependent challenges facing today's world



Mission

Emphasizing a systems approach, addressing climate change, delivering multiple benefits



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.

New Research and Innovation Strategy:

A stronger, more relevant science agenda for today's dynamic world



3 Action Areas:

(1) Systems Transformation (2) Resilient Agrifood Systems (3) Genetic Innovation

5 Impact Areas:

(1) Nutrition, health and food security (2) Poverty reduction, livelihoods and jobs (3) Gender equality, youth and inclusion (4) Climate adaptation and mitigation (5) Environmental health and biodiversity

3 Impact Pathways:

(1) Science-based innovation (2) Targeted capacity development (3) Advice on policy

6 Regions - including East and Southern Africa (ESA)

One CGIAR in the ESA region

- CGIAR has a long and successful partnership in ESA with ASARECA and CCARDESA, national agricultural research and extension systems since the 1970s
- Collaborative efforts have contributed immensely to enhancing food and nutrition security in ESA region and will be consolidated through new engagement mode



More systematic engagement with partners in ESA

- With One CGIAR, we will be better engaged and aligned with partners to identify joint priorities and activities
- A new dedicated capacity has been put in place to improve our engagement with partners
- Single focal point leadership established to:
 - Engage with partners around all CGIAR activity and to monitor strategic partnership issues
 - Ensure co-development of country strategic frameworks, based on alignment of our respective capacities, resources and funder interests



East and Southern Africa

Agriculture has great potential as a driver of economic growth but is held back by sensitivity to climate change.

Multiple benefits at the country level

Greater utility and impacts to countries and regions

Enhanced relevance and responsiveness of CGIAR research to country & regional priorities, needs and circumstances

Greater efficiency in co-developing solutions complementing resources available at the country level

Bigger impacts through transdisciplinary and multidisciplinary approaches

Lower transaction costs on partners and strengthened in-country research collaboration

Addressing key regional priorities in ESA



Innovations for ESA: Innovative agricultural extension and advisory service approaches



RiceAdvice app for advice on rice management. 0.5 t to 2.3 t/ha higher yield; US\$100 to 200/ha more profit.



WeedManager app for advice on weed management practices in rice



PigSmart Ecosystem digital platform for improving small scale pig production



Tumaini app for identification of major banana diseases



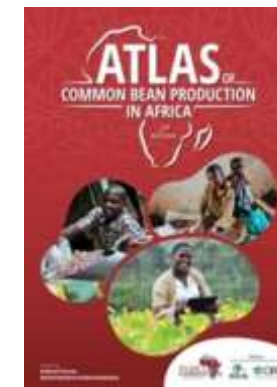
Rooted apical cuttings for greater volumes of quality potato seed at a faster pace



High yielding, disease resistant East African highland cooking bananas (NARITA s)

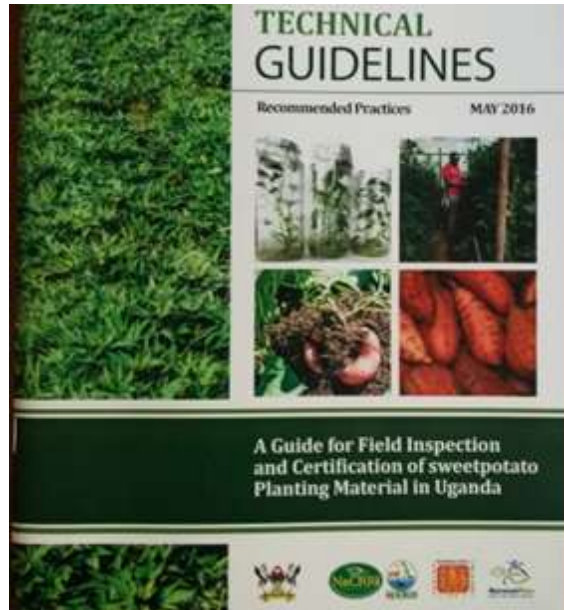


Sweet-potato triple seed method enables early planting



Atlas of common bean production in Africa version 2.0

Innovations for ESA: Towards professionalization



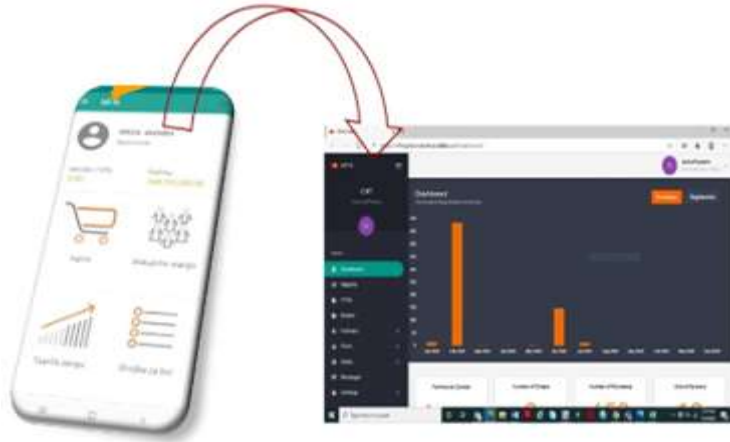
Technical & Facilitator's Manual



Initial guidelines for Quality Declared planting material (QDS) documented (FAO, 2010) as a quality assurance scheme less demanding than quality control system but implemented in situations where resources are limited.

- **Smart-valleys: Trainer-facilitator's manual**
- **Technical manual: Curriculum for Participatory Learning and Action Research (PLAR) for Integrated Rice Management (IRM) in Inland Valleys of Sub-Saharan Africa**
- **Facilitator's Manual: Curriculum for PLAR for**
- **IRM in Inland Valleys of Sub-Saharan**

Innovations for ESA: Agro-industrialization



Mastercard Farmer Network (MFN): digital marketplace to link smallholder farmers to reliable markets & buyers to sustainable sources of quality produce. It ensures fair prices for both the farmers and buyers



REMUGOL: Web-based platform that links rice value chain actors and facilitates access to the market.

Innovations for ESA: Harnessing agripreneurship opportunities for youth and women



Youth engagement in Agribusiness through mechanized technologies



Community Seedbanks



Promotion of Orange-fleshed sweet-potato for food security & nutrition



Improved ambient storage



Business opportunities for youth and women in vine multiplication

Research and innovation deliverables in the ESA region



A research-for-development agenda aligned with stakeholder needs and priorities

Delivery of climate information services and climate-smart sustainable intensification technologies to help the region to address future uncertainties

Regional scaling hub on climate-smart technologies and practices; capacity strengthening; policy implementation

Agribusiness SME incubators and accelerators providing business support and technical assistance

Technical options for diversification of agricultural production systems and nutrition-sensitive policy orientation and institutional innovations

Next steps: CGIAR Investment Prospectus

2030 Research and Innovation Strategy will be delivered through a portfolio of CGIAR Initiatives that are:

Demand-driven

Rigorous and coherent

Systems-oriented and integrated

Accountable

Focused on innovation & scaling

At various levels:

Interconnected systems transformation initiative

Regional integrated initiatives

Farming system initiatives

Thematic initiatives

Conclusion



We thank the organizers of the 5th Africa-wide Agricultural Extension Week for giving us this opportunity for consolidating our partnership with AFAAS as we initiate the new One CGIAR research and innovation strategy.

AFAAS is certainly a key partner in research for development work and we want to strongly recognize this across One CGIAR.

We also thank our funders, ASARECA, CCARDESA, national agricultural research institutes, universities, development partners, farmers' associations in the ESA region for their continued support and partnership.

We commit to strengthening our relationships in the future under a more integrated approach that can scale up impact, enabling the region to emerge strongly from COVID-19 and other challenges.

THANK YOU