



CGIAR

Science for a food-secure future

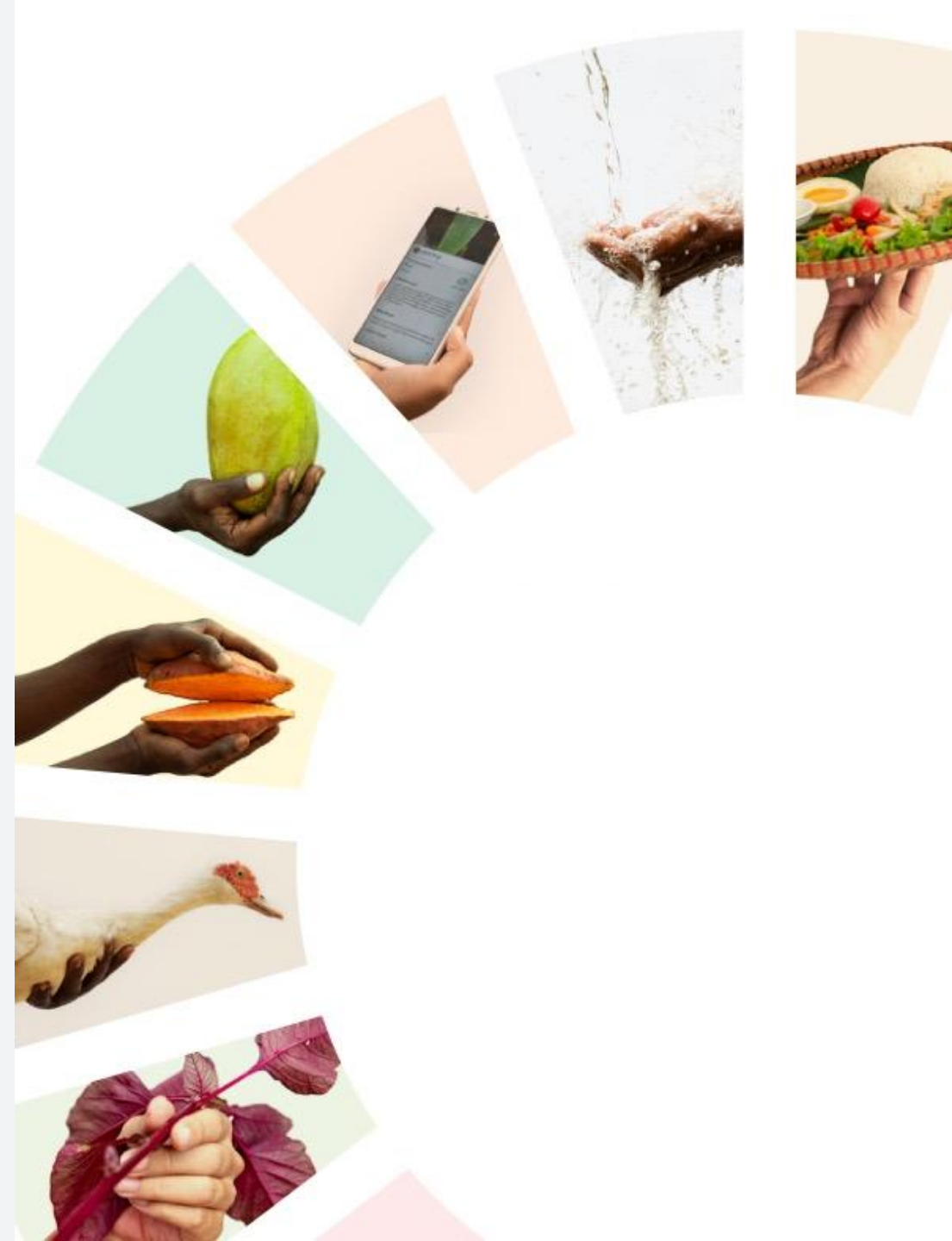
5. SPOTLIGHT on: CGIAR making inputs to ‘game-changing solutions’

Items:

15 mins

Outlining CGIAR’s contribution to the United Nations Food Systems Summit and other processes.

Presentation by: Claudia Sadoff, EMT Convener, and Managing Director, Research Delivery & Impact



50 game-changing CGIAR innovations

<https://www.cgiar.org/cgiar-at-50/innovation-explorer/>



INNOVATION:



A global shift toward landscape approaches

Over the past 20 years, international agricultural research has undergone a shift to an integrated systems approach that takes into account the interlinkages between food security, conservation, land restoration, and sustainable development.

MATURITY LEVEL



Adoption or impact at scale

STAGE OF DEVELOPMENT



Taken up by 'next users'

INNOVATION:



Harnessing the power of data to transform food systems

Open access databases have been developed across CGIAR over the past five decades, making important information public to empower farmers, researchers, policymakers, and other stakeholders to advance common goals.

MATURITY LEVEL




Adoption or impact at scale

STAGE OF DEVELOPMENT



Taken up by 'next users'

INNOVATION:



Value Chains for Nutrition framework and project design process

The Value Chains for Nutrition framework provides a lens to understand the links between nutrition and food value chains, the overall business environment, and the food systems in which they operate.

MATURITY LEVEL



Policy or practice changed

STAGE OF DEVELOPMENT



Taken up by 'next users'

CGIAR deeply – and strategically – embedded in UNFSS



- EMT engagement with **Agnes Kalibata**
- CGIAR Special Representative to UNFSS: **Kanayo Nwanze**
- Champions Group: **Kanayo Nwanze**
- Science Group leadership: **Claudia Sadoff**
- CGIAR UNFSS research group: **CGIAR Scientists (+25)** embedded in Chair, Core and Leadership teams in each Action Track, Lever of Change, FSS Dialogues, etc...
- Secondments to UNFSS Secretariat: 100% **Philippe Ellul** (AT 1), 50% **Fabrice DeClerck** (AT 2, Scientific group)
- **Jemimah Njuki** (IFPRI) is a Levers of Change Custodian (Women's Emp & Gender)
- **Dhanush Dinesh** (CCAFS) Lead, cross-cutting Innovation Lever for AT3
- **Jo Swinnen** (IFPRI), cross-cutting Finance lever
- **Stefan Uhlenbrook** and **Mohsin Hafeez** (IWMI) Independent & Global Summit Dialogue
- Working engagement with Secretariat: Strategy, Dialogues, Planning, Communications

www.cgiar.org

AT 1 Safe and nutritious food



- **Sam Benin** (IFPRI) co leading the Zero Hunger Working Group
- **Delia Grace** (ILRI) co-leading the Food Safety Working Group.
- **Hazel Malapit** (IFPRI) gender cross-cut lead
- **Jess Fanzo** (ABC)
- **Philippe Ellul**, CGIAR scientist seconded to UNFSS Secretariat (observer)

AT 2 Sustainable consumption



- **Jef Leroy** (IFPRI) Workstream 1: Food environment,
- **Busie Maziya-Dixon** (IITA) workstream 2: Food demand
- **Rob Vos** (IFPRI) workstream 3: Circularity.
- **Fabrice DeClerck** (Joint ABC /EAT) on Leadership team, contact w/ Scientific Group
- **Isabelle Baltenwick** (ILRI)
- **Namukolo Covic** (IFPRI)

AT 3 Nature-positive production



- **Juan Lucas Restrepo, Chiara Villani** (ABC), Lead, Area of Community of Innovation & Action (ACA12) on sustainably existing food systems
- **Leigh Winowiecki** (ICRAF and WLE) / **Fiona Flintan** (ILRI) (ACA13) Restore
- **Izabella Koziell** (WLE), (ACA1) Protect

AT 4 Equitable livelihoods



- **Shakuntala Thilsted** (WorldFish) is VC and there is CGIAR support group to gather specific CGIAR inputs and actions (eg working on a brief featuring CGIAR solutions)
- **Mike Philipps** (FISH)
- **Allesandra Gaile** (ILRI)

AT 5 Resilience



- 2 senior CGIAR Climate scientists **Peter Laderach** and **Diego Osorio** are contributing across the Action Track
- **Bruce Campbell** (CCAFS)
- **Polly Eriksen** (ILRI)

Mapping CGIAR strategic alignment with the UNFSS Action Tracks

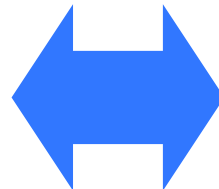


CGIAR

CGIAR 2030
RESEARCH AND INNOVATION STRATEGY

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

04/03/2021



Action Track 1: Ensure access to safe and nutritious food for all
Achieving zero hunger (sustainable food production; special focus on fragile and conflict-affected settings, youth and gender); increasing access to affordable nutritious food (SOFI 2020); increasing food safety (reducing food-borne illnesses, unsafe food)


Action Track 2: Shift to sustainable consumption patterns
Improving food environment (policies on food production, processing and distribution); strengthening food demand, reducing food waste (... and biodiversity loss, pollution, water use, soil degradation and greenhouse gas emission)

Action Track 3: Boost nature-positive production
Protect natural ecosystems against new conversions for food and feed production; manage sustainably existing food production systems enhancing resilience to climate change, restore and rehabilitate degraded ecosystems and soils,

Action Track 4: Advance equitable livelihoods
Building agency for people lacking space to exercise their power and rights; changing power relation in food systems; transforming structures perpetuating inequalities and marginalizing the poor (change in social norms, practices, policies)

Action Track 5: Build resilience to vulnerabilities, shocks & stress
Economic resilience (citizen-driven-, micro-, small-, medium- size enterprises, PPP, blended finances facilities, safety net mechanisms); social resilience (benefits for all); environment resilience (GHG, soils, pesticides, irrigation, climate adaptation)

4 Levers of change cutting across ATs: Human rights; Finance; Innovations; Gender



One CGIAR evidence and innovation informs the global dialogue



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**
IN PARTNERSHIP WITH ITALY



Food Systems Summit 2021

TOKYO
**NUTRITION
FOR GROWTH**
SUMMIT 2021

Diet, Health, & Prosperity for All

**WORLD
ECONOMIC
FORUM**



**Convention on
Biological Diversity**

... and many more.