

# **CGIAR Regionally Integrated Initiatives (RIIs)**

**Donor Meetings – Drop In Sessions (March 2023)** 

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## **Agenda**

- 1. Opening/Initial Remarks (CGIAR RAFS MD + RAFS Senior Directors ) 10 min
- 2. Initiatives: Detailed Presentations (Initiative Leads/ Co leads) 15 min each
  - Asian Mega-Deltas (AMD)
  - Central and West Asia and North Africa (CWANA)
  - West and Central Africa (WCA)
- 3. Q&A (All participants) 30 to 40 min
- 4. Final Remarks (CGIAR RAFS MD & SDs) 10 min

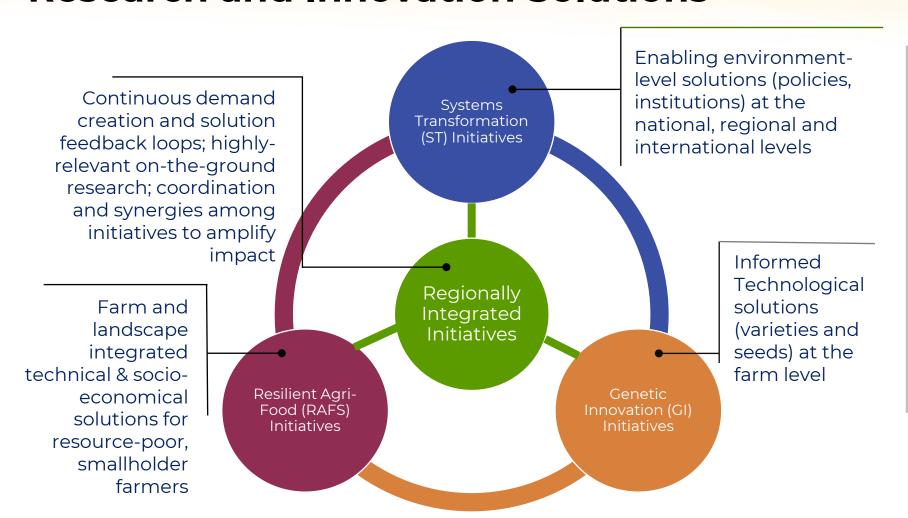


Contribute to regional Agri-Food systems transformation for affordable sufficient and healthy diets produced within planetary boundaries in a climate crisis



# Science and Regional Groups Deliver Integrated Research and Innovation Solutions





#### **CGIAR's Impact Areas**



Nutrition, Health & Food Security



Poverty Reduction, Livelihoods & Jobs



Gender Equality, Youth & Social Inclusion



Climate Adaptation & Mitigation



Environmental Health & Biodiversity



## **RII Principles**

#### 1. Aligned with ISDC guidance

- Not development projects (but offering scaling mechanisms)
- Clear, regionally relevant research questions, common methodologies
- Research at scale

#### 2. Build on regional policy, stakeholder demand, and strong prior investments

- Regional problem identification, problem response
- Prioritized agroecological and market stems
- Strong pathway towards CGIAR impact areas

#### 3. Bundling and integrating: Demand and supply feedback loops

- Integrating & offering innovations to and from other initiatives, bilaterals
- NARES and private sector innovations

#### 4. RIIS:

- Interdependent with Global Thematic Initiatives
- Do not have to work with all initiatives
- Not the sole and only demand identification channel
- Not working in all agroecologies, production or market systems

#### 5. Vertical and horizontally integrated

- Vertically integrate ST high-level policy with bottom-up GI and RAFS innovations
- Horizontally integrate from farms to landscapes to markets and across value chains



# Supportive policy insights (ST Initiatives)

Co-learning

Fine-tuning, adaptation, application (RIIs)

Co-learning

Farm systems implications (SIMFS)

Co-learning

Improved practices (EiA)

Co-learning

Improved cultivars (GI Initiatives)

#### INITIAL CONCEPT - STRUCTURE OF CGIAR'S INITIATIVE PORTFOLIO



# Global Thematic Initiatives (GTIs)

- Largely building on strong existing capacities
- Investigates thematic issues that by nature are not specific to a single region or country
- Strong focus on genetic innovations, management of crops, livestock, fish, foresight and policy
- Delivering broad research insights, knowledge, technologies
- Global relevance: May not always be applicable in the regional context

- **Articulates demand** for integrative research from the regions and national partners
- Offers 'plug-in' opportunities for GTIs
- Forms and sustains innovation platforms that can assist GTIs

- Tools, technologies, knowledge
- Insights from global research that can be regionally applied
- Opportunities for national researchers to engage with global programs

# Regionally Integrated Initiatives (RIIs)

- Long histories of bilateral systems research
- Responsive to pressing, regionally unique and relevant agri-food systems crises
- Highly participatory, partner demand responsive
- Links innovations across
   CGIAR to amplify impact at scale
- Conducts research on unique topics of regional and national importance beyond the scope of the GTIs





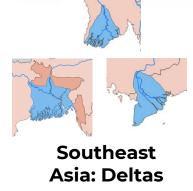
Research support, research monitoring and evaluation

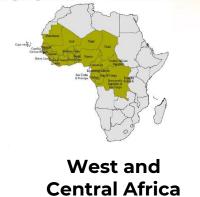
# Responding to pressing Agri-food Systems crises within regions and countries













Central and

**Western Asia** 



Collaboratively designed with over 2,000 stakeholders

- Responsive to stakeholder demand
- Researching, designing, and delivering innovations on key regional issues through multi-stakeholder platforms
- Day-to-day, on-the-ground and direct collaboration with national research and extension partners
- Comprehensive agri-food systems contexts (from farm to fork and back again)

# Regionally Integrated Initiatives - Leadership







Ole S Bjoern –IRRI (Lead) Benjamin Belton – WorldFish (Co-Lead/ To be replaced)

South East Asia and the Pacific (SEA)



Central and West Asia and North Africa (CWANA)

Tim Krupnik - CIMMYT (Lead)
Purnima Menon - IFPRI (Co-Lead)

South Asia (SA)





Deissy Martínez - ABC (Lead)
Bram Govaerts - CIMMYT (Co-Lead)

Latin America and the Caribbean (LAC) Aminou Arouna - AfricaRice (Lead/ Interim)
Regina Kapinga - IITA (Co-Lead)

**West and** 

Central Africa

(WCA)

East and Southern Africa (ESA)











Inga Jacobs-Mata – IWMI (Lead) Evan Girvetz – ABC (Co-Lead)



# **Big picture: 476 CGIAR innovations**

- Lowest reported # of innovations per Initiative = 2
- **Highest reported** # of innovations per Initiative = 99 (of which 59 breeding pipelines)
- 58% technological innovations of which 28% new/improved varieties/ breeds
- 28 disruptive innovations in the pipeline (close to 50% of which are policy/organizational/institutional innovations)
- Top 3 countries: Ehtiopia (54), Kenya (48), Bangladesh (42)
- 844 unique partnerships on innovation development
- 4.90  $\rightarrow$  average Innovation Readiness of the portfolio

0		Pipeline overview  # of innovations
9	PROVEN INNOVATION The innovation is validated for its ability to achieve a specific impact under uncontrolled conditions	66
8	UNCONTROLLED TESTING The innovation is being tested for its ability to achieve a specific impact under uncontrolled conditions	45
7	PROTOTYPE The innovation is validated for its ability to achieve a specific impact under semi-controlled conditions	48
6	SEMI-CONTROLLED TESTING The innovation is being tested for its ability to achieve a specific impact under semi-controlled conditions	44
5	MODEL/EARLY PROTOTYPE  The innovation is validated for its ability to achieve a specific impact under fully-controlled conditions	37
4	CONTROLLED TESTING The innovation is being tested for its ability to achieve a specific impact under fully-controlled conditions	68
3	PROOF OF CONCEPT The innovation's key concepts have been validated for their ability to achieve a specific impact	53
2	FORMULATION The innovation's key concepts are being formulated or designed	65
1	BASIC RESEARCH The innovation's basic principles are being researched for their ability to achieve a specific impact	31
0	IDEA The innovation is at idea stage	19

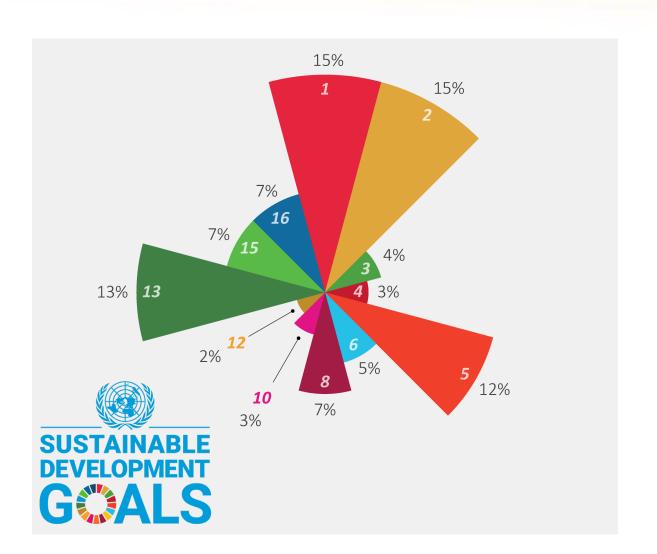


## RIIs: 110 Innovations in 35 countries





## RII Innovation contribution to the SDGs

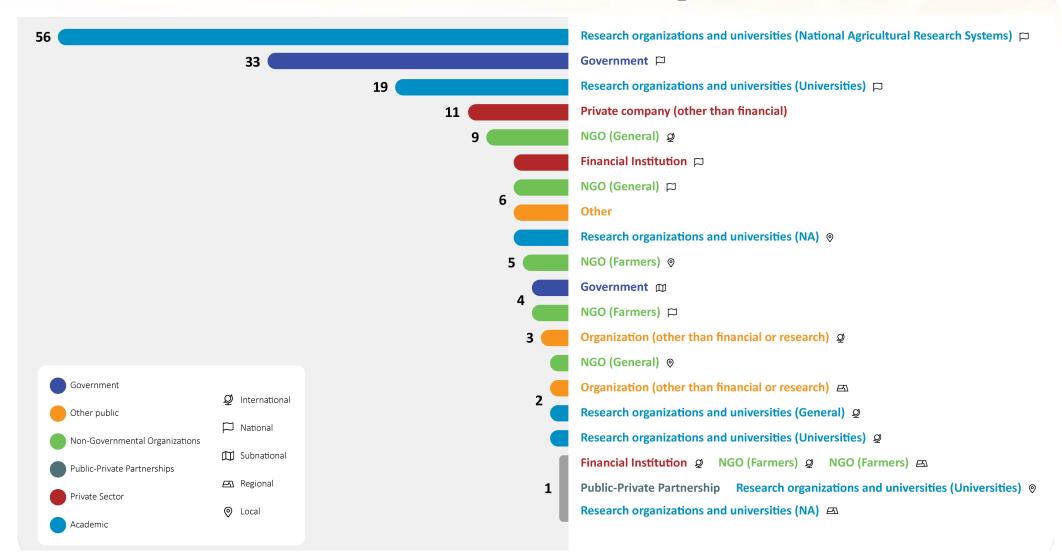


titit SDG1	No Poverty	15% • 67 innovations
SDG2	Zero Hunger	15% • 70 innovations
-₩• SDG3	Good Health and Well-Being	4% • 17 innovations
₩İ SDG4	Quality Education	3% • 15 innovations
<b>©</b> SDG5	Gender Equality	12% • 84 innovations
SDG6	Clean Water and Sanitation	5% • 24 innovations
<b>SDG8</b> SDG8	Decent Work and Economic Growth	7% • 32 innovations
( \$⇒ SDG10	Reduced Inequalities	3% • 15 innovations
CO SDG12	Responsible Consumption and Production	2% • 8 innovations
SDG13	Climate Action	13% • 61 innovations
<u></u> \$DG15	Life on Land	7% • 32 innovations
<b>∑</b> SDG16	Peace, Justice and Strong Institutions	7% • 30 innovations

Innovations that were not directly linked to an SDG: 7% (31 innovations)



## RII collaboration with external partners





# **Thank You!**