



CGIAR

FOOD FRONTIERS  
AND SECURITY

# Plan of results and budget 2025

CGIAR Science Program on  
Food Frontiers and Security



A crowd of Rohingya refugees clamors for food during a distribution by a volunteer organization in Kutupalong camp in southern Bangladesh in 2017.  
Credit: Tommy Trenchard Panos Pictures



A women fills a water vessel from a underground rainwater harvesting tank in the Thar Desert near Phalodi India.  
Credit: Dieter TelemansPanos Pictures

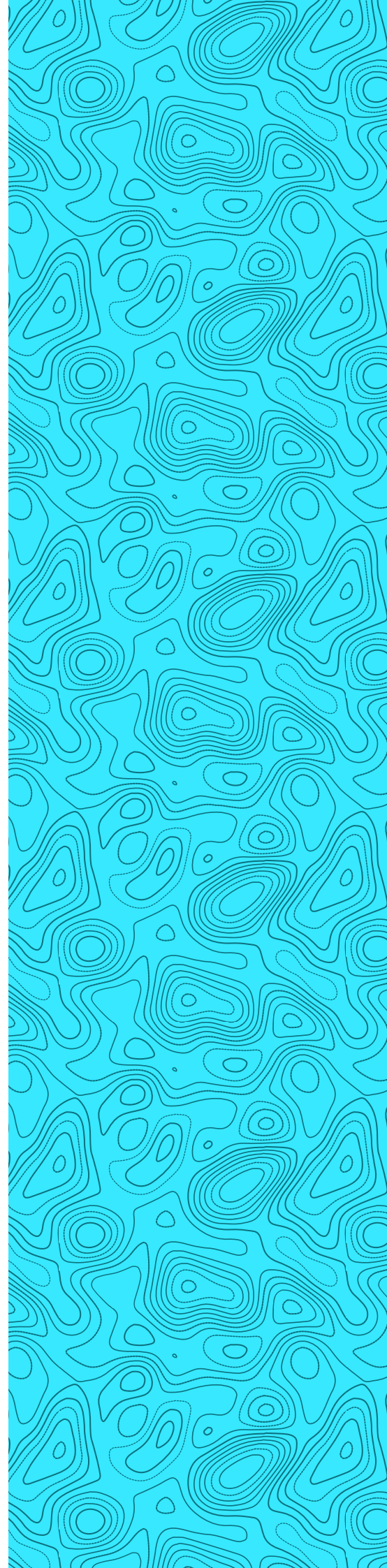
## Purpose of the PORB

As part of CGIAR's adaptive management approach, the 2025 planning process was conducted in two phases: i) Planning Phase – This included the development of the Preliminary Work Plans and Budget, through which Program and Accelerator teams defined how their projects would be managed, including objectives, timelines, responsibilities, and required resources. ii) Re-planning Phase – This allowed for updates to the initial plans, incorporating adjustments to reflect the updates made during the re-planning window from 24 March to 23rd June 2025, ensuring alignment with the approved 2025 budget envelopes, Centre allocations, and revised priorities.

This document presents the 2025 Plan of Results and Budget (PORB) for the Food Frontiers and Security Program. It provides aggregated costing information for planned High-Level Outputs (HLOs) by Area of Work (AoW), along with Cross-Cutting and Management components. It also outlines the implementation timelines for both HLOs and Outcomes, as articulated in the updated Theory of Change (ToC). Additionally, the PORB highlights the intervention geographies, key partners, and mapped Centres W3/Bilateral projects.

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# Summary

Total Program	Implementation timelines (2025)				Centers + SO Allocation	W3/Bilateral project mapping to P/As
					2025 (Approved Budget)	W3/Bilateral budget
Area of Work 0: Crosscutting and Management		X	X		857,682.03	7,623,991
Area of Work 1: Future Food Systems Lab	X	X	X	X	540,416.00	
Area of Work 2: Fragile and Conflict-affected Food Systems	X	X	X	X	4,139,403.00	
Area of Work 3: Urban Food Systems	X	X	X	X	1,328,354.82	
Area of Work 4: Island Food Systems	X	X	X	X	1,622,611.32	
Area of work 11: Inception Cross-Cutting and Management	X	X			404,529.16	
<b>Total Program budget</b>					<b>8,892,996.33</b>	<b>7,623,991</b>

Area of Work 0: Crosscutting and Management					2025		2025 (Approved Budget)
Outcome	Q1	Q2	Q3	Q4			
Permanent Director			X	X			857,682.03
Meetings, travel, and other cross-cutting operating costs			X	X			
Management costs - AoW 2 Co-Lead			X	X			
Management costs - AoW 4 Co-Lead			X	X			
Management costs - AoW 3 Lead			X	X			
Management costs - AoW 1 Co-Lead			X	X			
Management costs (WorldVeg) AoW 3 Co-Lead			X	X			
Management costs - Finance Focal Point			X	X			
Management costs - Communications Focal Point			X	X			
Management costs - AoW 2 Lead			X	X			
Management costs - MELIA Focal Point			X	X			
Management costs - AoW 1 Lead			X	X			
Management costs - AoW 2 Co-Lead			X	X			
Management costs - Program Coordination Lead			X	X			
Management costs AoW 4 Lead			X	X			
<b>Total Cross-cutting and Management budget</b>							<b>857,682.03</b>

Area of Work 1: Future Food Systems Lab					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
1.1 Scenarios and foresight - Policymakers and partners access knowledge on emerging food system trends and begin integrating foresight evidence into strategic planning	X	X	X	X	-
1.2 Evidence-informed priorities - Stakeholders and partners use shared knowledge products, strategic plans, and innovation priorities to design and initiate resilience-strengthening interventions in frontier geographies	X	X	X	X	
1.3 Entrepreneur-led scaling - Innovators, entrepreneurs, public sector actors and students drive the development, scaling and utilization of high-potential innovations for resource-constrained food systems	X	X	X	X	
<b>High-Level Outputs</b>					
1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.	X	X	X	X	540,416.00
1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	X	X	X	X	
1.3.3 Entrepreneurship Support Program - Training programs delivered to select number of innovators, entrepreneurs, public sector actors and school students to develop, scale and utilize high-potential innovations for resource-constrained food systems	X	X	X	X	
<b>Total AoW 1 budget</b>					<b>540,416.00</b>

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
2.1 Strategies and programs to prevent and mitigate the effects of crises in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design strategies and programs to prevent and mitigate the effects of crises	X	X	X	X	169,803.94
2.2 Better designed emergency response in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to guide emergency responses	X	X	X	X	508,626.20
2.3 Programs and policies to promote recovery and stabilize livelihoods in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design programs and policies that will promote recovery and stabilize livelihoods	X	X	X	X	1,031,985.01

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>High-Level Outputs</b>					
2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	X	X	X	X	2,428,987.86
2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	X	X	X	X	
2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	X	X	X	X	
<b>Total AoW 2 budget</b>					<b>4,139,403.00</b>

Area of Work 3: Urban Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>High-Level Outputs</b>					
3.1 Safe urban food production - Urban dwellers and farmers adopt improved safe, nutritious, and climate-resilient urban food production technologies	X	X	X	X	-
3.2 Circular bioeconomy - Small and medium enterprises (SME) adopt improved methods of organic waste recycling and wastewater reuse for urban production	X	X	X	X	
3.3 Informal food markets - Market actors and SMEs use innovation, programs and new skills to create more jobs	X	X	X	X	
3.4 Healthy Diets - Evidence-based decisions by implementors and policymakers result in urban consumers adopting healthier food behavior	X	X	X	X	
3.5 Urban food systems governance - Local governments adopt policies, regulations or programs that strengthen urban food systems	X	X	X	X	
<b>High-Level Outputs</b>					
3.1.1 Safe urban food production - Evidence-based innovations and business models to improve safe, nutritious, and climate-resilient urban food production	X	X	X	X	1,328,354.82
3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production	X	X	X	X	
3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	X	X	X	X	
3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents	X	X	X	X	

Area of Work 3: Urban Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
3.5.5 Urban food systems governance - Delivering knowledge products, evidence and capacity sharing with policy makers to guide interventions aimed at strengthening resilience in Urban Food Systems	X	X	X	X	
<b>Total AoW 3 budget</b>					<b>1,328,354.82</b>

Area of Work 4: Island Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
4.1 ACTORS - Island food system actors are testing and acquiring new skills and knowledge	X	X	X	X	
4.2 NETWORKS - Partners are actively participating in networks sharing information and learning to promote healthy and sustainable island food systems.	X	X	X	X	
4.3 PARTNERS - Island government agencies and regional organizations adopt evidence from Program to inform their activities	X	X	X	X	

High-Level Outputs					
4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods	X	X	X	X	
4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems	X	X	X	X	
4.2.3 NETWORKS - National and regional multistakeholder networks for collaborative learning on healthy and resilient island food systems	X	X	X	X	<b>1,622,611.32</b>
4.3.2 PROGRAMMING - Options for effective programming to support healthy diets within a sustainable blue economy	X	X	X	X	
4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments	X	X	X	X	
<b>Total AoW 4 budget</b>					<b>1,622,611.32</b>

Area of Work 11: Inception Cross-Cutting and Management					2025
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Transition Team Roles	X	X			
Operating Costs	X	X			<b>404,529.16</b>
<b>Total AoW 11 budget</b>					<b>404,529.16</b>



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# W3 Mapping



Filleting tuna in preparation for blanching then bottling.  
Credit: Margaret Batalofo

# W3 Mapping

## W3/Bilateral project mapping to Food Frontiers and Security

W3/Bilateral project mapping to P/As				Total AoW Proposed W3/Bilateral budget (Jan-Dec 2025), USD
W3/Bilateral project name	Center	Area of Work Title and Number	High level output or Outcome (If Available)	
1572-MIPO Impulsando la Agroindustria Rural y el Uso de la Diversidad del Yacón conservada en Patatz y CIP, a través de la Bioeconomía y los Alimentos Funcionales	International Potato Center / Centro Internacional de la Papa	Urban Food Systems - AOW3	3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents	<b>\$84,231</b>
P-1529-UNGP-Technical Assistance for Sweetpotato processing	International Potato Center / Centro Internacional de la Papa	Urban Food Systems - AOW3	3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	<b>\$454,738</b>
T-PJ-003812-ETH/IITA - CITY REGIONS FOOD SYSTEMS, RUNRES (TH	International Institute of Tropical Agriculture	Urban Food Systems - AOW3	3.1.1 Safe urban food production - Evidence-based innovations and business models to improve safe, nutritious, and climate-resilient urban food production	<b>\$612,044</b>
N-601149-IPV RESEARCH COLLAB PH 2	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	<b>\$194,344</b>

## W3/Bilateral project mapping to P/As

W3/Bilateral project name	Center	Area of Work Title and Number	High level output or Outcome (If Available)	Total AoW Proposed W3/Bilateral budget (Jan-Dec 2025), USD
W-P-XXX1-Jahez	International Water Management Institute	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	\$1,244,349
N-601158-SPIR II	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	\$670,712
N-603217-FSP PHASE 4	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	\$568,975
L-CWI001-Supporting Pastoralism and Agriculture in Recurrent and Protracted Crisis (SPARC)	International Livestock Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	\$2,842,983
N-602250-YEMEN FOOD SECURITY-YFSRR	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	\$228,538
2025P029	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	\$376,712

## W3/Bilateral project mapping to P/As

W3/Bilateral project name	Center	Area of Work Title and Number	High level output or Outcome (If Available)	Total AoW Proposed W3/Bilateral budget (Jan-Dec 2025), USD
N-641001-CASH 4 WORK-CfW SFD-LIWP	International Food Policy Research Institute	Fragile and Conflict-affected Food Systems - AOW2	2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	\$346,365
				\$7,623,991

## Cross-Program collaboration

Program or Accelerator	Primary/ Secondary collaboration	Area of Work Title and Number	High level output	Brief description of how each Program/ Accelerator contributes
Program or Accelerator	Primary/ Secondary collaboration	Area of Work Title and Number	High level output	Brief description of how each Program/Accelerator contributes
Food Frontiers and Security	SP07 - Policy Innovations	Future Food Systems Lab - AOW1	1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.	Jointly conduct comprehensive food system diagnostics, foresight exercises, scenario analyses, and multi-stakeholder policy dialogues to equip policymakers and partners with the tools and evidence they need to navigate emerging trends and anticipate future challenges within frontier food systems.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP07 - Policy Innovations		1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	Co-development of knowledge products, policy roadmaps, innovation priorities, and investment strategies, ensuring interventions are informed by robust evidence and adapted to the unique resilience challenges of these geographies
Food Frontiers and Security	SP09- Scaling for Impact		1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	We will co-develop and test scaling pathways for frontier geographies by cataloguing promising innovations, applying scaling frameworks (including joint IPSR workshops), and analyzing enabling conditions for uptake. Through the CGIAR Scaling Hub and partner collaboration, we will generate evidence, develop adaptive strategies, and identify high-potential innovations and investment priorities to guide coordinated resilience interventions.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP09- Scaling for Impact		1.3.3 Entrepreneurship Support Program - Technical and business training programs delivered to select number of innovators and entrepreneurs to develop and scale high-potential innovations for resource-constrained food systems	We will co-develop and adapt entrepreneurship support programs for fragile contexts, delivering targeted technical and business training to selected innovators to help them develop and scale high-potential solutions. We will also document key success factors, partnerships, and CGIAR's technical role to inform future entrepreneurship acceleration efforts.
Food Frontiers and Security	SP07 - Policy Innovations	Fragile and Conflict-affected Food Systems - AOW2	2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	(1) As part of the IFPRI research activity on "Building a Pathway Out of Poverty for Ultra-Poor IDPs and Vulnerable Host Communities in Baidoa," SP07 and SP08 are co-sponsoring and co-organizing a webinar about Somalia social protection evidence that will include the FFS Baidoa findings. The webinar will target funders who may incorporate the evidence into funding for new programming.  (2) SP07 and SP08 are co-sponsoring stakeholder engagement and outreach to PSNP stakeholders of work led by IFPRI researchers which was initiated during the previous CRP as joint NPS-FCM work, on "Evaluating a Reduced Graduation Model to Improve Child Nutrition and Household Livelihoods in Rural Ethiopia"
Food Frontiers and Security	SP07 - Policy Innovations		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	(3) SP07 and SP08 are continuing to build on an RCT launched in 2023 under the FCM and NPS initiatives to study how alternative targeting of cash transfers can help cushion the adverse impacts of conflict and rebuild trust in local governance in conflict affected setting in Ethiopia. This work will produce 2 papers, a policy note and an event in partnership with WFP/the government in 2025.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP10 - Gender Equality and Inclusion		2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	<p>(1) SP08 and SP10 are continuing to co-sponsor and build on stage 1 policy change outcome (<a href="https://reporting.cgiar.org/result/result-detail/14775/theory-of-change?phase=4">https://reporting.cgiar.org/result/result-detail/14775/theory-of-change?phase=4</a>) achieved jointly between FCM and Her+ in 2024 to inform future programming and scaling of the ActionAid Nigeria - CGIAR curricula, involving writing joint discussion papers, a policy note, and sharing the innovation broadly via conferences including CGIAR SW and at the Penn Development Research Initiative, and doing a longer-term follow-up study.</p> <p>(2) The high profile Global Dialogue on Women in Agriculture-Nutrition Pathways led by IFPRI at the 69th session of the commission on the status of Women, was a joint showcase of SP08 and SP10 Policy and Research Findings and Insights from India, Nepal, and Nigeria from work initiated under the FCM and Her+ initiatives. See <a href="https://www.cgiar.org/news-events/news/pathways-to-power-in-fragile-settings-rethinking-womens-roles-in-agriculture-and-food-systems-2/">https://www.cgiar.org/news-events/news/pathways-to-power-in-fragile-settings-rethinking-womens-roles-in-agriculture-and-food-systems-2/</a> and <a href="https://events.cgiar.org/unwomen69thsessionofthecommiss">https://events.cgiar.org/unwomen69thsessionofthecommiss</a>, for more details</p> <p>(3) SP08 and SP10 are continuing to co-sponsor and scale the findings from "an experimental evaluation of gender dimensions of take-up of Sustainable Land Management (SLM) practices as a climate risk adaptation strategy in Ethiopia" which was born as a collaboration between FCM and Her+ in the previous portfolio. (<a href="https://reporting.cgiar.org/result/result-detail/5284/general-information?phase=4">https://reporting.cgiar.org/result/result-detail/5284/general-information?phase=4</a>)</p>
Food Frontiers and Security	SP10 - Gender Equality and Inclusion		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	(4) SP08 and SP10 are co-sponsoring an evaluation of large scale nutrition programs funded by the Mormon church which target women / mothers of young children in conflict-affected regions the Sahel region.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP10 - Gender Equality and Inclusion		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	(5) SP08 and SP10 are continuing to co-sponsor and build on work started jointly between the Her+ and FCM initiatives on "How Can Anticipatory Action Programming Support Women? Application of the Reach-Benefit-Empower-Transform Framework in Nepal and Nigeria" resulting in 2025 in journal article submission and the sharing of result findings with 40+ partner organizations in Nigeria and Nepal.
Food Frontiers and Security	SP09- Scaling for Impact		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	Researchers co-sponsored by SP08 and SP09 as part of the IFPRI research activity on "Migration studies in Guatemala - Analyzing Agricultural Market Distortions and Migration", will produce two jointly produced working papers in 2025: (1) A paper on the role of distortions in agricultural markets on migration decisions, productivity, and welfare - primary for FFS, and (2) A paper on role of development policies on migration and local welfare - primary for S4I. This work builds on work started under the AgriLAC Regional Initiative.
Food Frontiers and Security	SP06 -Climate Action		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	SP08 and SP06 are collaborating to implement two studies: (1) And evaluation of UNHCR's climate resilient shelter in Mozambique; (2) An evaluation of UNHCR's Sustainable Land Management and Environmental Rehabilitation Project in Bangladesh.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP06 -Climate Action		2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	SP08 and SP06 are collaborating to implement an evaluation of IOM's shelter program in Pakistan
Food Frontiers and Security	SP06 -Climate Action		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	SP08 and SP06 are collaborating to implement a foresight analysis on impact of compound risk for refugees and IDPs
Food Frontiers and Security	SP12 -Digital Transformation		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	SP08 and SP12 (Digital Twin flagship) collaborating to develop a 3D digital twin of the Dolo Ado, Somlai Region, Ethiopia watershed geography (1) to support humanitarian action, disaster preparedness and adaptation investment with local authorities, WFP, UNHCR and others in this flood-prone refugee hosting geography, (2) provide this as a scalable and investible model to support humanitarian action of all kinds (pre-, during, post) in disaster prone locations
Food Frontiers and Security	SP06 -Climate Action		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	SP08 and SP06 collaborating jointly on knowledge and dissemination events for the AWARE platform (anticipatory action tool) that was developed with funding from the CLIMBER initiative and the Toolkit for Anticipatory Action in FCV Settings that was developed with funding from the FCM Initiative.

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP04- Multifunctional Landscapes		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	SP04 and SP078 will implement joint research on natural resources management and rangelands governance.
Food Frontiers and Security	SP04- Multifunctional Landscapes		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	SP04 and SP078 will implement joint research on natural resources management and rangelands governance.
Food Frontiers and Security	Better Diets and Nutrition	Urban Food Systems - AOW3	3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents	Joint research to understand and improve urban diets and food environments Joint research to understand urban diets, food environments and drivers of food choices Co-development of approaches to improve dietary choices and food environments

Program or Accelerator	Primary/ Secondary collaboration	Area of Work Title and Number	High level output	Brief description of how each Program/ Accelerator contributes
Food Frontiers and Security	Policy Innovations		3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production	<p>Strengthening Governance through Collaboration, Capacity Building and Evidence Sharing:</p> <ul style="list-style-type: none"> <li>Jointly collaborate with local and global networks on urban food systems in the dissemination of evidence and data to inform policy formulation and governance for urban settings.</li> <li>Support the development of decision-making tools and build capacities of relevant institutions to strengthen urban food system governance.</li> </ul>
			3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	
			3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents	

Program or Accelerator	Primary/ Secondary collaboration	Area of Work Title and Number	High level output	Brief description of how each Program/ Accelerator contributes
			3.5.5 Urban food systems governance - Delivering knowledge products, evidence and capacity sharing with policy makers to guide interventions aimed at strengthening resilience in Urban Food Systems	
Food Frontiers and Security	Scaling for Impact		3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production	Enhancing scalability of circular economy (CE) innovations in specific geographies through assessment of CE investment climate <ul style="list-style-type: none"> <li>Jointly identify and select circular economy innovations with scaling potentials in specific geographies</li> <li>Assess innovation ecosystem analysis and develop recommendations for scaling pathways of circular economy innovations</li> <li>Stakeholder engagement for validating findings on innovation ecosystem analysis</li> </ul>
Food Frontiers and Security	Multifunctional landscape, Digital accelerator		3.2 Circular bioeconomy - Small and medium enterprises (SME) adopt improved methods of organic waste recycling and wastewater reuse for urban production	Codesign decision support tools (DST) for assessing circular economy business models <ul style="list-style-type: none"> <li>Co-design innovative smart and data-driven tool with stakeholders to ensure relevance and usability.</li> <li>Iterative prototyping based on continuous feedback and piloting of DST in selected countries for validation.</li> <li>Refine tool through rigorous testing and stakeholder input and country-wide scaling through training support</li> <li>South-south collaboration for scaling of DSS tool in more geographies</li> </ul>

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	Digital accelerator		3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production	AI-powered chatbot to disseminate business models for circular bioeconomy (CBE) solutions <ul style="list-style-type: none"> <li>Co-developing an AI-powered chatbot to disseminate research and business models for circular bioeconomy (CBE) solutions.</li> <li>Leveraging AI to bridge gaps between applied research and practical implementation in urban and rural waste management systems</li> <li>Enhancing access to complex research through natural language responses tailored to policymakers, entrepreneurs, and investors.</li> <li>Integrating chatbot into the decision support tool to provide users with data-backed guidance and interactive support.</li> </ul>
Food Frontiers and Security	Sustainable Animal and Aquatic Foods		3.2 Circular bioeconomy - Small and medium enterprises (SME) adopt improved methods of organic waste recycling and wastewater reuse for urban production	Collaborative Research on Urban-Agricultural Waste Flows and One Health Risks <ul style="list-style-type: none"> <li>Joint research on livestock waste impacts on urban water and soil quality</li> <li>Co-development of circular economy business models for animal waste reuse</li> <li>Integration of One Health risks into urban food system planning</li> </ul>
Food Frontiers and Security	SP13 -Genebank	Island Food Systems- AOW4	4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods	Common demand and opportunities in genetic resources with SP13 will continue to build capacity with organizations such as the Center for Pacific Crops and Trees (CePact), by integrating Pacific experts into the global network and Capacity building on collection and conservation of genetic resources <ul style="list-style-type: none"> <li>Additionally with SP13, a comparative analysis of the diversity of crops from the region with CIP and WorldVeg genebank so we can better quantify and qualify the genepool of the crops and how different they are from accessions from other regions. Activities will build into the Global Vegetable Biodiversity Rescue Plan, strengthening programming in the region</li> </ul>

<b>Program or Accelerator</b>	<b>Primary/ Secondary collaboration</b>	<b>Area of Work Title and Number</b>	<b>High level output</b>	<b>Brief description of how each Program/ Accelerator contributes</b>
Food Frontiers and Security	SP03 - Sustainable Animal and Aquatic Foods		4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems	Exchange and programming for sharing of tools and techniques to address food safety of flesh foods (animal and aquatic foods)
Food Frontiers and Security	SP04- Multifunctional Landscapes		4.2.3 NETWORKS - National and regional multistakeholder networks for collaborative learning on healthy and resilient island food systems	Development and application of common landscape analyses tools to gauge constraints on food production and sharing across island settings
Food Frontiers and Security	SP03 - Sustainable Animal and Aquatic Foods		4.3.2 PROGRAMMING - Options for effective programming to support healthy diets within a sustainable blue economy	Engagement with aquatic food system actors in island food systems, Indigenous foods, food safety and nutrition through school meal programs
Food Frontiers and Security	SP06 -Climate Action		4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments	In collaboration with SP06, researchers are developing multi-hazard and particularly compound climate hazard modelling specifically for the Pacific Region

## Partners (CRAs, sub-grant agreement, LoI, MoU )

Partner	Center	Area of Work Title and Number	High level output (If Available)
National Agrarian University La Molina/ Universidad Nacional Agraria La Molina, RUIAF Foundation, Alliance of Bioversity and CIAT - Headquarter (Bioversity International)	International Potato Center / Centro Internacional de la Papa	Future Food Systems Lab - AOW1	1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.
The World Bank, German Red Cross (Germany), Dhaka City North Corporation, Nairobi City County, International Water Management Institute, WorldFish	International Food Policy Research Institute		1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies
Council for Scientific and Industrial Research (Ghana), Welthungerhilfe, International Potato Center / Centro Internacional de la Papa, National Agrarian University La Molina/ Universidad Nacional Agraria La Molina, World Food Programme	International Water Management Institute		1.3.3 Entrepreneurship Support Program - Technical and business training programs delivered to select number of innovators and entrepreneurs to develop and scale high-potential innovations for resource- constrained food systems
GISSE, Mali, UNHCR, Red Cross Red Crescent Climate Centre, Nigerian Ministry of Humanitarian Affairs, ActionAid International, University of Bamako, International Organization for Migration, Government of Jordan, Alliance of Bioversity and CIAT - Regional Hub (International Center for Tropical Agriculture / Centro Internacional de Agricultura Tropical), International Food Policy Research Institute, The Red Cross Red Crescent Climate Centre, World Vision International	International Water Management Institute	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.

Partner	Center	Area of Work Title and Number	High level output (If Available)
Mormon Church, Government of Mozambique, Government of Zimbabwe, Government of Guatemala, International Growth Centre, Government of Ethiopia, Ethiopian ministry of peace, CARE International , Government of Jordan, International Organization for Migration, Sahel Consulting, United Nations High Commissioner for Refugees, World Food Programme, International Water Management Institute, International Food Policy Research Institute	Alliance of Bioersity and CIAT - Regional Hub (International Center for Tropical Agriculture / Centro Internacional de Agricultura Tropical)		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis
Ocean Resilience and Climate Alliance, Government of Zimbabwe, Government of Mozambique, Government of Guatemala, Government of Jordan, CARE International , World Food Programme, ActionAid International, The World Bank, Ministry of Labor and Social protection, Kenya, Yemen Social Fund for Development, HarvestPlus, World Vision International, International Water Management Institute, Alliance of Bioersity and CIAT - Regional Hub (International Center for Tropical Agriculture / Centro Internacional de Agricultura Tropical)	International Food Policy Research Institute		2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)
Mercy Corps, Overseas Development Institute (ODI), Cowater	International Livestock Research Institute		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.
Resource Conflict Institute [RECONCILE]	International Livestock Research Institute		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis
The Centre for Dryland Agriculture (CDA), Bayero University	International Livestock Research Institute		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.

Partner	Center	Area of Work Title and Number	High level output (If Available)
IGAD Centre for Pastoral Areas and Livestock Development (ICPALD)	International Livestock Research Institute		2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.
Jomo Kenyatta University of Agriculture and Technology, Bangladesh Agricultural University, International Institute of Rural Reconstruction, Local Government of Quezon City (Philippines), The World Vegetable Center	International Institute of Tropical Agriculture	Urban Food Systems - AOW3	3.1.1 Safe urban food production - Evidence-based innovations and business models to improve safe, nutritious, and climate-resilient urban food production
Kathmandu Municipality, Addis Ababa Municipality, Addis Ababa Cleansing Agency, Waste Management Authority Sri Lanka, Ministry of Sanitation and Water Resources Ghana, University of Ghana, Council for Scientific and Industrial Research (Ghana)	International Water Management Institute		3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production
United Nations High Commissioner for Refugees, Kanya Dairy Board, Global Alliance for Improved Nutrition, Food and Agriculture Organization of the United Nations, Work for Better Bangladesh Trust, Dhaka North City Corporation, National Agrarian University La Molina/ Universidad Nacional Agraria La Molina, Welthungerhilfe, Consortium for Health, Environment, and Development / Consorcio por la Salud, Ambiente y Desarrollo, Food and Nutrition Research Institute Philippines, Quezon City University, Local Government of Quezon City (Philippines), Kenya Dairy Board, National Agrarian University La Molina/ Universidad Nacional Agraria La Molina	International Livestock Research Institute		3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments
University of Peradeniya, Wayamba University of Sri Lanka, Asian Development Bank, World Food Programme	International Food Policy Research Institute		3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents

Partner	Center	Area of Work Title and Number	High level output (If Available)
Local Governments for Sustainability, Nairobi City County, Dhaka North City Corporation, Local Government of Quezon City (Philippines), RUAF Foundation	International Potato Center / Centro Internacional de la Papa		3.5.5 Urban food systems governance - Delivering knowledge products, evidence and capacity sharing with policy makers to guide interventions aimed at strengthening resilience in Urban Food Systems
Pacific Community, Ministry of Fisheries and Marine Resources (Solomon Islands), Solomon Islands National University, University of Wollongong	WorldFish	Island Food Systems- AOW4	4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods
Pacific Community, University of Wollongong, Solomon Islands National University, Kastom Gaden Association	WorldFish		4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems
Ministry of Fisheries and Marine Resources (Solomon Islands), Solomon Islands National University, University of Wollongong, Pacific Community, Kastom Gaden Association	WorldFish		4.2.3 NETWORKS - National and regional multistakeholder networks for collaborative learning on healthy and resilient island food systems
Pacific Community, Ministry of Fisheries and Marine Resources (Solomon Islands), Solomon Islands National University	WorldFish		4.3.2 PROGRAMMING - Options for effective programming to support healthy diets within a sustainable blue economy
Pacific Community, University of Wollongong	WorldFish		4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments

## Targeted geographies

Country, region, or global	Area of Work Title and Number	High level output
Kenya	Future Food Systems Lab - AOW1	1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.
Kenya Peru		1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies
Kenya, Ethiopia		1.3.3 Entrepreneurship Support Program - Technical and business training programs delivered to select number of innovators and entrepreneurs to develop and scale high-potential innovations for resource-constrained food systems
Ethiopia, Jordan, Uganda, Mali, Nigeria, Nepal	Fragile and Conflict-affected Food Systems - AOW2	2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.
Ethiopia, Kenya, The Republic of the Sudan, Malawi, Mali, Nigeria, Mozambique, Jordan, Guatemala, Honduras, Zimbabwe		2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis
Ethiopia, Somalia, Yemen, Nigeria, Kenya, Burkina Faso, Honduras, Mali, Tajikistan, Jordan		2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)
Kenya, Bangladesh, Philippines	Urban Food Systems - AOW3	3.1.1 Safe urban food production - Evidence-based innovations and business models to improve safe, nutritious, and climate-resilient urban food production
Ghana, Kenya, Bangladesh		3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production

Kenya, Bangladesh, Philippines, Peru		3.3 Informal food markets - Market actors and SMEs use innovation, programs and new skills to create more jobs
Kenya, Bangladesh, Philippines		3.4 Healthy Diets - Evidence-based decisions by implementors and policymakers result in urban consumers adopting healthier food behavior
Kenya, Peru, Bangladesh, Philippines		3.5 Urban food systems governance - Local governments adopt policies, regulations or programs that strengthen urban food systems
Solomon Islands, Timor-Leste, Tonga, Vanuatu, Kiribati, Papua New Guinea	Island Food Systems- AOW4	4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods
Solomon Islands, Timor-Leste		4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems
Timor-Leste, Solomon Islands, Tonga, Vanuatu, Kiribati		4.2.3 NETWORKS - National and regional multistakeholder networks for collaborative learning on healthy and resilient island food systems
Solomon Islands, Timor-Leste, Tonga, Vanuatu		4.3.2 PROGRAMMING - Options for effective programming to support healthy diets within a sustainable blue economy
Timor-Leste, Solomon Islands, Tonga, Vanuatu, Kiribati		4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments



CGIAR

FOOD FRONTIERS  
AND SECURITY

# System Organization and center allocations



Herder rural Nigeria  
Credit: VoxDev

# System Organization: Food Frontiers and Security

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 0: Crosscutting and Management			X	X	<b>214,200</b>
<b>Total Program budget</b>					<b>214,200</b>

Area of Work 0: Crosscutting and Management	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Permanent Director			X	X	<b>214,200</b>
Meetings, travel, and other cross-cutting operating costs			X	X	
<b>Total Cross-cutting and Management budget</b>					<b>214,200</b>

# Food Frontiers and Security: International Center for Tropical Agriculture

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 0: Crosscutting and Management			X	X	93,376.00
Area of Work 1: Future Food Systems Lab	X	X	X	X	55,252.00
Area of Work 2: Fragile and Conflict-affected Food Systems	X	X	X	X	1,131,051.00
Area of Work 3: Urban Food Systems	X	X	X	X	46,439.00
Area of Work 4: Island Food Systems	X	X	X	X	99,383.00
<b>Total Program budget</b>					<b>1,425,501.00</b>

Area of Work 0: Crosscutting and Management					2025
					2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
Management costs - AoW 2 Co-Lead			X	X	93,376.00
Management costs - AoW 4 Co-Lead			X	X	
<b>Total Cross-cutting and Management budget</b>					<b>93,376.00</b>

Area of Work 1: Future Food Systems Lab					2025
Outcome					2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
1.1 Scenarios and foresight - Policymakers and partners access knowledge on emerging food system trends and begin integrating foresight evidence into strategic planning	X	X	X	X	-
<b>High-Level Outputs</b>					
1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.	X	X	X	X	55,252.00
<b>Total AoW 1 budget</b>					<b>55,252.00</b>

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcome					2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
2.1 Strategies and programs to prevent and mitigate the effects of crises in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design strategies and programs to prevent and mitigate the effects of crises	X	X	X	X	30,000.00

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
2.2 Better designed emergency response in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to guide emergency responses	X	X	X	X	40,000.00
2.3 Programs and policies to promote recovery and stabilize livelihoods in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design programs and policies that will promote recovery and stabilize livelihoods	X	X	X	X	30,000.00
<b>High-Level Outputs</b>					
2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	X	X	X	X	1,031,051.00
2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	X	X	X	X	
2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	X	X	X	X	
<b>Total AoW 2 budget</b>					<b>1,131,051.00</b>

Area of Work 3: Urban Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
3.3 Informal food markets - Market actors and SMEs use innovation, programs and new skills to create more jobs	X	X	X	X	-
<b>High-Level Outputs</b>					
3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	X	X	X	X	46,439.00
<b>Total AoW 3 budget</b>					<b>46,439.00</b>

Area of Work 4: Island Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
4.1 ACTORS - Island food system actors are testing and acquiring new skills and knowledge	X	X	X	X	-
<b>High-Level Outputs</b>					
4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments	X	X	X	X	99,383.00
<b>Total AoW 4 budget</b>					<b>99,383.00</b>

# Food Frontiers and Security: International Potato Center

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Area of Work 0: Crosscutting and Management			X	X	195,867.46
Area of Work 1: Future Food Systems Lab		X	X	X	100,011.00
Area of Work 3: Urban Food Systems	X	X	X	X	308,384.00
Area of Work 4: Island Food Systems		X	X	X	53,561.39
Area of Work 11: Inception Cross-Cutting and Management	X	X			113,195.16
<b>Total Program budget</b>					<b>771,019.02</b>

Area of Work 0: Crosscutting and Management					2025
	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Management costs - AoW 3 Lead			X	X	195,867.46
Management costs - AoW 1 Co-Lead			X	X	
Management costs (WorldVeg) AoW 3 Co-Lead			X	X	
Management costs - Finance Focal Point			X	X	
Management costs - Communications Focal Point			X	X	
<b>Total Cross-cutting and Management budget</b>					<b>195,867.46</b>

Area of Work 1: Future Food Systems Lab					2025
Outcome	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
1.1 Scenarios and foresight - Policymakers and partners access knowledge on emerging food system trends and begin integrating foresight evidence into strategic planning			X	X	-
1.2 Evidence-informed priorities - Stakeholders and partners use shared knowledge products, strategic plans, and innovation priorities to design and initiate resilience-strengthening interventions in frontier geographies			X	X	
1.3 Entrepreneur-led scaling - Innovators, entrepreneurs, public sector actors and students drive the development, scaling and utilization of high-potential innovations for resource-constrained food systems		X	X	X	

Area of Work 1: Future Food Systems Lab				2025	
High-Level Outputs					
1.1.1 Envisioning Food System Futures - Tools and evidence for policymakers and partners to navigate emerging trends and future scenarios within relevant food systems.			X	X	100,011.00
1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies			X	X	
1.3.3 Entrepreneurship Support Program - Training programs delivered to select number of innovators, entrepreneurs, public sector actors and school students to develop, scale and utilize high-potential innovations for resource-constrained food systems			X	X	
<b>Total AoW 1 budget</b>					<b>100,011.00</b>

Area of Work 3: Urban Food Systems				2025	
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	X	X	X	X	308,384.00
3.5.5 Urban food systems governance - Delivering knowledge products, evidence and capacity sharing with policy makers to guide interventions aimed at strengthening resilience in Urban Food Systems	X	X	X	X	
<b>Total AoW 3 budget</b>					<b>308,384.00</b>

Area of Work 4: Island Food Systems				2025	
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods		X	X	X	53,561.39
<b>Total AoW 4 budget</b>					<b>53,561.39</b>

Area of Work 11: Inception Cross-Cutting and Management				2025	
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Transition Team Roles - Interim Deputy Director, Finance Focal Point and Communications Focal Point	X	X			113,195.16
Operating Costs - World Veg travel and Interim Deputy Director Travel	X	X			
<b>Total Inception Cross-Cutting and Management</b>					<b>113,195.16</b>

# Food Frontiers and Security: International Food Policy Research Institute

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 0: Crosscutting and Management			X	X	182,600.00
Area of Work 1: Future Food Systems Lab	X	X	X	X	61,013.00
Area of Work 2: Fragile and Conflict-affected Food Systems	X	X	X	X	2,068,519.00
Area of Work 3: Urban Food Systems	X	X	X	X	196,404.00
Area of Work 4: Island Food Systems	X	X	X	X	61,894.08
Area of Work 11: Inception Cross-Cutting and Management	X	X			173,012.00
<b>Total Program budget</b>					<b>2,743,442.08</b>

Area of Work 0: Crosscutting and Management					2025
	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
Management costs - AoW 2 Lead			X	X	182,600.00
Management costs - MELIA Focal Point			X	X	
<b>Total Cross-cutting and Management budget</b>					<b>182,600.00</b>

Area of Work 1: Future Food Systems Lab					2025
High-Level Outputs	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	X	X	X	X	61,013.00
<b>Total AoW 1 budget</b>					<b>61,013.00</b>

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcomes	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
2.1 Strategies and programs to prevent and mitigate the effects of crises in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design strategies and programs to prevent and mitigate the effects of crises	X	X	X	X	139,803.94

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
2.2 Better designed emergency response in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to guide emergency responses	X	X	X	X	468,626.20
2.3 Programs and policies to promote recovery and stabilize livelihoods in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design programs and policies that will promote recovery and stabilize livelihoods	X	X	X	X	1,001,985.01
<b>High-Level Outputs</b>					
2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	X	X	X	X	458,103.86
2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	X	X	X	X	
2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	X	X	X	X	
<b>Total AoW 2 budget</b>					<b>2,068,519.00</b>

Area of Work 3: Urban Food Systems					2025
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
3.4.4 Healthy diets - Innovations, adaptation of tools and assessments, and evidence generation to support interventions for improving diet quality for urban residents	X	X	X	X	196,404.00
<b>Total AoW 3 budget</b>					<b>196,404.00</b>

Area of Work 4: Island Food Systems					2025
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods	X	X	X	X	61,894.08
<b>Total AoW 4 budget</b>					<b>61,894.08</b>

Area of Work 11: Inception Cross-Cutting and Management					2025
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Transition Team Roles -Interim Deputy Director- Also AoW2 Lead and Interim MELIA Focal Point	X	X			173,012.00
<b>Total Inception Cross-Cutting and Management</b>					<b>173,012.00</b>

# Food Frontiers and Security: International Institute of Tropical Agriculture

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 3: Urban Food Systems	X	X	X	X	<b>249,774.00</b>
<b>Total Program budget</b>					<b>249,774.00</b>

Area of Work 3: Urban Food Systems		2025				
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)	
3.1.1 Safe urban food production - Evidence-based innovations and business models to improve safe, nutritious, and climate-resilient urban food production	X	X	X	X	<b>249,774.00</b>	
<b>Total AoW 3 budget</b>					<b>249,774.00</b>	

# Food Frontiers and Security: International Livestock Research Institute

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 2: Fragile and Conflict-affected Food Systems	X	X	X	X	180,781.00
Area of Work 3: Urban Food Systems	X	X	X	X	284,753.00
<b>Total Program budget</b>					<b>465,534.00</b>

Area of Work 2: Fragile and Conflict-affected Food Systems					2025
Outcome	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
2.1 Strategies and programs to prevent and mitigate the effects of crises in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design strategies and programs to prevent and mitigate the effects of crises	X	X	X	X	-
2.2 Better designed emergency response in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to guide emergency responses	X	X	X	X	
<b>High-Level Outputs</b>					
2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	X	X	X	X	180,781.00
2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	X	X	X	X	
<b>Total AoW 2 budget</b>					<b>180,781.00</b>

Area of Work 3: Urban Food Systems					2025
High-Level Outputs	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	X	X	X	X	284,753.00
<b>Total AoW 3 budget</b>					<b>284,753.00</b>

# Food Frontiers and Security: International Rice Research Institute

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 3: Urban Food Systems	X	X	X	X	95,911.82

**Total Program budget** 95,911.82

Area of Work 3: Urban Food Systems	2025				2025 (Approved Budget)
	Q1	Q2	Q3	Q4	
<b>Outcome</b>					
3.3 Informal food markets - Market actors and SMEs use innovation, programs and new skills to create more jobs	X	X	X	X	-
<b>High-Level Outputs</b>					
3.3.3 Informal food markets - Guidelines, innovations, and evidence-based programs for enhancing inclusive informal food markets that effectively create quality jobs for young women and men and deliver safe and healthy foods in urban environments	X	X	X	X	95,911.82
<b>Total AoW 3 budget</b>					95,911.82

# Food Frontiers and Security: International Water Management Institute

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 0: Crosscutting and Management			X	X	108,841.61
Area of Work 1: Future Food Systems Lab	X	X	X	X	324,140.00
Area of Work 2: Fragile and Conflict-affected Food Systems	X	X	X	X	759,052.00
Area of Work 3: Urban Food Systems	X	X	X	X	146,689.00
Area of Work 4: Island Food Systems		X	X	X	78,264.28
Area of Work 11: Inception Cross-Cutting and Management	X	X			45,525.00
<b>Total Program budget</b>					<b>1,462,511.89</b>

Area of Work 0: Crosscutting and Management					2025
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
	Management costs - AoW 1 Lead			X	X
Management costs - AoW 2 Co-Lead			X	X	
Management costs - Program Coordination Lead			X	X	
<b>Total Cross-cutting and Management budget</b>					<b>108,841.61</b>

Area of Work 1: Future Food Systems Lab					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
	1.2 Evidence-informed priorities - Stakeholders and partners use shared knowledge products, strategic plans, and innovation priorities to design and initiate resilience-strengthening interventions in frontier geographies	X	X	X	X
1.3 Entrepreneur-led scaling - Innovators, entrepreneurs, public sector actors and students drive the development, scaling and utilization of high-potential innovations for resource-constrained food systems	X	X	X	X	

Area of Work 1: Future Food Systems Lab					2025	
High-Level Outputs						
1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	X	X	X	X		324,140.00
1.3.3 Entrepreneurship Support Program - Training programs delivered to select number of innovators, entrepreneurs, public sector actors and school students to develop, scale and utilize high-potential innovations for resource-constrained food systems	X	X	X	X		
<b>Total AoW 1 budget</b>						<b>324,140.00</b>

Area of Work 2: Fragile and Conflict-affected Food Systems					2025	
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)	
2.1 Strategies and programs to prevent and mitigate the effects of crises in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design strategies and programs to prevent and mitigate the effects of crises	X	X	X	X		-
2.2 Better designed emergency response in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to guide emergency responses	X	X	X	X		
2.3 Programs and policies to promote recovery and stabilize livelihoods in fragile settings - Government, humanitarian, and NGO actors use evidence and tools in fragile settings to design programs and policies that will promote recovery and stabilize livelihoods	X	X	X	X		
High-Level Outputs						
2.1.1 Prevent - Guidance on anticipatory action and disaster risk reduction (DRR) for FCA food systems that showcase impacts and scalability.	X	X	X	X		759,052.00
2.2.2 Respond - Guidance to improve the effectiveness of humanitarian responses to benefit individuals and communities affected by ongoing conflict and crisis	X	X	X	X		
2.3.3 Recover - Guidance for policymakers and project implementers on programming options to stabilize household and community livelihoods, promote recovery, and build resilience in FCA settings (especially for the underserved)	X	X	X	X		
<b>Total AoW 2 budget</b>						<b>759,052.00</b>

Area of Work 3: Urban Food Systems					2025	
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)	
3.2 Circular bioeconomy - Small and medium enterprises (SME) adopt improved methods of organic waste recycling and wastewater reuse for urban production	X	X	X	X		-

Area of Work 3: Urban Food Systems					2025
High-Level Outputs					
3.2.2 Circular bioeconomy - Frameworks, decision-making tools, innovations, and evidence-based business models for circular bioeconomy, integrating organic waste recycling and wastewater reuse for urban production	X	X	X	X	146,689.00
<b>Total AoW 3 budget</b>					<b>146,689.00</b>

Area of Work 4: Island Food Systems					2025
Outcome	Q1	Q2	Q3	Q4	2025 (Approved Budget)
4.1 ACTORS - Island food system actors are testing and acquiring new skills and knowledge		X	X	X	-
4.2 NETWORKS - Partners are actively participating in networks sharing information and learning to promote healthy and sustainable island food systems.		X	X	X	
4.3 PARTNERS - Island government agencies and regional organizations adopt evidence from Program to inform their activities		X	X	X	
High-Level Outputs					
4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods			X	X	78,264.28
4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems		X	X	X	
<b>Total AoW 4 budget</b>					<b>78,264.28</b>

Area of Work 11: Inception Cross-Cutting and Management					2025
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Transition team roles -Interim Program Coordination Lead	X	X			45,525.00
Program travels managed by Coordination Lead at IWMI	X	X			
<b>Total Inception Cross-Cutting and Management</b>					<b>45,525.00</b>

# Food Frontiers and Security: International Center for Living Aquatic Resources Management

	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
<b>Total Program</b>					
Area of Work 0: Crosscutting and Management			X	X	62,796.96
Area of Work 1: Future Food Systems Lab	X	X	X	X	-
Area of Work 4: Island Food Systems	X	X	X	X	1,329,508.56
Area of Work 11: Inception Cross-Cutting and Management	X	X			72,797.00
<b>Total Program budget</b>					<b>1,465,102.52</b>

Area of Work 0: Crosscutting and Management					2025
	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
Management costs AoW 4 Lead			X	X	62,796.96
<b>Total Cross-cutting and Management budget</b>					<b>62,796.96</b>

Area of Work 1: Future Food Systems Lab					2025
High-Level Outputs	Implementation timelines (2025)				Pooled funding Budget
	Q1	Q2	Q3	Q4	2025 (Approved Budget)
1.2.2 Evidence Synthesis and Adaptive Learning - Co-develop knowledge products and action plans, and identify key investment and innovation priorities for stakeholders and partners to guide interventions aimed at strengthening resilience in frontier geographies	X	X	X	X	
1.3.3 Entrepreneurship Support Program - Training programs delivered to select number of innovators, entrepreneurs, public sector actors and school students to develop, scale and utilize high-potential innovations for resource-constrained food systems	X	X	X	X	
<b>Total AoW 1 budget</b>					<b>-</b>

Area of Work 4: Island Food Systems					2025	
High-Level Outputs	Q1	Q2	Q3	Q4	2025 (Approved Budget)	
4.1.1 SUSTAINABILITY - Co-created, gender sensitive and youth friendly technological and institutional innovations for increasing access to sustainable, safe, and nutritious foods	X	X	X	X	1,329,508.56	
4.1.4 CAPACITY - Capacity-building tools and materials to strengthen national programs for healthy island food systems	X	X	X	X		
4.2.3 NETWORKS - National and regional multistakeholder networks for collaborative learning on healthy and resilient island food systems	X	X	X	X		
4.3.2 PROGRAMMING - Options for effective programming to support healthy diets within a sustainable blue economy	X	X	X	X		
4.3.5 DIAGNOSTICS - Co-developed databases and diagnostic frameworks for national island food system assessments	X	X	X	X		
<b>Total AoW 4 budget</b>					<b>1,329,508.56</b>	

Area of Work 11: Inception Cross-Cutting and Management					2025	
	Q1	Q2	Q3	Q4	2025 (Approved Budget)	
Transition team roles -Interim Director (Also AoW4 Lead)	X	X			72,797.00	
<b>Total Inception Cross-Cutting and Management</b>					<b>72,797.00</b>	



Person-buying-vegetables-in-a-market-near-Bangkok .  
Credit: World Vegetable Center



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AND SECURITY**