



INITIATIVE ON
Digital Innovation



Plan of results and budget 2024

CGIAR Initiative on Digital Innovation



Contents

Purpose	2
Digital Innovation Consolidated	3
Digital Innovation Alliance of Bioversity International	6
Digital Innovation International Center for Tropical Agriculture	8
Digital Innovation International Maize and Wheat Improvement Center	10
Digital Innovation International Potato Center	13
Digital Innovation International Food Policy Research Institute	15
Digital Innovation International Institute of Tropical Agriculture	17
Digital Innovation International Livestock Research Institute	19
Digital Innovation International Rice Research Institute	21
Digital Innovation International Water Management Institute	23

Purpose

CGIAR has adopted the principle of adaptive management as a strategy which includes a re-planning process that recognizes that planning is an iterative process and plans need to be flexible enough to be adapted, incorporating the knowledge and learning gained from the reflect process into decision-making, allowing for changes to plans to achieve the expected results.

This document provides the 2024 refocused Plan of Results and Budget (PORB) for the CGIAR Digital Innovation Initiative following the re-planning process that took place in February to June 2024.

This updated 2024 PORB has considered the reflected recommendations, including changes to 2024 budgets, implementation timelines and results to ensure the initiative success.

Digital Innovation | Consolidated

WP/Results	2023					Budget	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Q1	
	Q1	Q2	Q3	Q4					\$
Total Initiative									
Crosscutting across Work Packages	x	x	x	x	17%	3,730,665	x		
Work Package 1 Enabling Environment	x	x	x	x	12%		x		
Work Package 2 Digital Inclusion	x	x	x	x	15%		x		
Work Package 3 System Modeling	x	x	x	x	8%		x		
Work Package 4 Real-time Monitoring	x	x	x	x	30%		x		
Work Package 5 Platforms & Services	x	x	x	x	18%		x		
Innovation Packages & Scaling Readiness (IPSR)					0%				
TOTAL	x	x	x	x	100%		x		
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	71%	631,654	x		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications	x	x	x	x	3%		x		
G3. Communication with key stakeholders and funders on the Initiative progress	x	x	x	x	2%		x		
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems	x	x	x	x	3%		x		
M1. Baseline studies to define the baseline values of the Initiative outcome indicators	x	x	x	x	18%		x		
M2. Review promising digital technologies and solutions that can fill knowledge gaps	x				3%				
EOIO-01: Strengthened digital ecosystems	x	x	x	x	0%		x		
EOIO-02: Gender-responsive services	x	x	x	x	0%		x		
EOIO-03: Improved digital skills	x	x	x	x	0%		x		
EOIO-04: Equitable resource allocations	x	x	x	x	0%		x		
EOIO-06: Strengthened organizational capabilities	x	x	x	x	0%		x		
EOIO-05: Strengthened information systems	x	x	x	x	0%		x		
WP SubTotal	x	x	x	x	100%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 1 Enabling Environment								
Outcome 1.1. Data-driven policy and investment decisions					0%	456,399		
Outcome 1.2. Collaborative partnerships					0%			
Output 1.1.1. Digital impact evidence clearinghouse	x	x	x	x	33%			x
Output 1.1.2. Digital impact evidence clearinghouse	x	x	x	x	6%			x
Output 1.2.1. Collaborative partnerships	x	x	x	x	61%			x
WP SubTotal	x	x	x	x	100%			x
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth					0%	557,360		
Outcome 2.2. Policy and investments for digital inclusion					0%			
Outcome 2.3. Gender-responsive and socially- inclusive digital services					0%			
Output 2.1.1. Digital skills training workshops	x	x	x	x	20%			x
Output 2.1.2. Initiative internship programs					0%			
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	39%			x
Output 2.3.1. Digital inclusion strategies for service providers	x	x	x	x	41%			x
WP SubTotal	x	x	x	x	100%		x	
Work Package 3 System Modeling								
Outcome 3.1. Sustainably managed food, land, and water system resources					0%	288,655		
Outcome 3.2. Stakeholders' use of systems modeling approaches					0%			
Output 3.1.1. Improved foundational model input datasets	x	x			10%			
Output 3.1.2. Spatial analysis framework for simulating food systems dynamics			x	x	10%			x
Output 3.1.3. Digital twins of river flows and water quality dynamics	x	x	x	x	50%			x
Output 3.2.1. Capacity-building workshops are organized to train the trainers		x	x	x	30%			x
WP SubTotal	x	x	x	x	100%		x	

WP/Results	2023					Budget	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities					0%	1,131,646		
Outcome 4.2. Timely managed climate and market risks					0%			
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	76%			x
Output 4.1.2. Artificial intelligence-based data analytics	x	x	x	x	14%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts		x	x	x	4%			x
Output 4.2.2. Analytical framework to detect meaningful anomalies	x	x	x	x	6%			x
WP SubTotal	x	x	x	x	100%			x
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms					0%	664,951		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services					0%			
Output 5.1.1. Data science platforms support digital farmer services	x	x	x	x	10%			x
Output 5.1.2. Data management platforms facilitate collaborative partnerships	x	x	x	x	49%			x
Output 5.2.1. Digital advisory services customized at the farm level	x	x	x	x	27%			x
Output 5.2.2. Underutilized data assets mobilized for new insights	x	x	x	x	14%			x
WP SubTotal	x	x	x	x	100%			x
Innovation Packages & Scaling Readiness (IPSR)								
Innovation Packages & Scaling Readiness (IPSR)						-		
Innovation Profiling – number of innovations to be profiled in 2024 (innovation development – output level)					0%			
Innovation Packaging and Scaling Readiness assessment – Number of innovation packages to be designed/ assessed in 2024 (innovation use – outcome level)					0%			
WP SubTotal								

Digital Innovation | Alliance of Bioversity International

WP/Results	2023					Budget \$	2024	2025	
	Implementation Timeline				%		Implementation Timeline		
	Q1	Q2	Q3	Q4			Q1		
Total Center									
Crosscutting across Work Packages	x	x	x	x	3%	475,750	x		
Work Package 1 Enabling Environment					0%				
Work Package 2 Digital Inclusion	x	x	x	x	32%		x		
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring	x	x	x	x	50%		x		
Work Package 5 Platforms & Services	x	x	x	x	15%		x		
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%			x	
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	100%	16,237	x		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators									
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems									
EOIO-02: Gender-responsive services	x	x	x	x				x	
EOIO-03: Improved digital skills	x	x	x	x				x	
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities	x	x	x	x				x	
EOIO-05: Strengthened information systems									
WP SubTotal	x	x	x	x	100%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth						153,922		
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops								
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	50%			x
Output 2.3.1. Digital inclusion strategies for service providers	x	x	x	x	50%			x
WP SubTotal	x	x	x	x	100%		x	
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						235,772		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	80%			x
Output 4.1.2. Artificial intelligence-based data analytics	x	x	x	x	20%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies								
WP SubTotal	x	x	x	x	100%		x	
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms						69,819		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services								
Output 5.1.1. Data science platforms support digital farmer services								
Output 5.1.2. Data management platforms facilitate collaborative partnerships	x	x	x	x	100%			
Output 5.2.1. Digital advisory services customized at the farm level								
Output 5.2.2. Underutilized data assets mobilized for new insights								
WP SubTotal	x	x	x	x	100%			

Digital Innovation | International Center for Tropical Agriculture

WP/Results	2023					Budget	2024 Implementation Timeline	2025 Implementation Timeline	
	Implementation Timeline				%				\$
	Q1	Q2	Q3	Q4					
Total Center									
Crosscutting across Work Packages	x	x	x	x	8%	150,013	x		
Work Package 1 Enabling Environment					0%				
Work Package 2 Digital Inclusion	x	x	x	x	15%			x	
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring	x	x	x	x	77%			x	
Work Package 5 Platforms & Services					0%				
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%		x		
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	100%	12,165	x		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators									
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems									
EOIO-02: Gender-responsive services	x	x	x	x				x	
EOIO-03: Improved digital skills	x	x	x	x				x	
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities									
EOIO-05: Strengthened information systems	x	x	x	x				x	
WP SubTotal	x	x	x	x	100%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth						22,561		
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops								
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	50%			x
Output 2.3.1. Digital inclusion strategies for service providers	x	x	x	x	50%			x
WP SubTotal	x	x	x	x	100%	x		
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities								
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	92%	115,287		x
Output 4.1.2. Artificial intelligence-based data analytics	x	x	x	x	8%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies								
WP SubTotal	x	x	x	x	100%	x		

Digital Innovation | International Maize and Wheat Improvement Center

WP/Results	2023					Budget \$	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Q1	
	Q1	Q2	Q3	Q4					
Total Center									
Crosscutting across Work Packages	x	x	x	x	15%	698,895		x	
Work Package 1 Enabling Environment	x	x	x	x	37%			x	
Work Package 2 Digital Inclusion	x	x	x	x	18%			x	
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring	x	x	x	x	16%			x	
Work Package 5 Platforms & Services	x	x	x	x	13%			x	
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%				x
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	75%	105,585		x	
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators	x	x	x	x	25%			x	
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems	x	x	x	x				x	
EOIO-02: Gender-responsive services	x	x	x	x				x	
EOIO-03: Improved digital skills									
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities	x	x	x	x				x	
EOIO-05: Strengthened information systems	x	x	x	x				x	
WP SubTotal	x	x	x	x	100%				x

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 1 Enabling Environment								
Outcome 1.1. Data-driven policy and investment decisions						260,127		
Outcome 1.2. Collaborative partnerships								
Output 1.1.1. Digital impact evidence clearinghouse								
Output 1.1.2. Digital impact evidence clearinghouse	x	x	x	x	18%			x
Output 1.2.1. Collaborative partnerships	x	x	x	x	82%			x
WP SubTotal	x	x	x	x	100%			x
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth						127,139		
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops	x	x	x	x	74%			x
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	26%			x
Output 2.3.1. Digital inclusion strategies for service providers								
WP SubTotal	x	x	x	x	100%		x	
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						113,433		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	72%			x
Output 4.1.2. Artificial intelligence-based data analytics	x	x	x	x	28%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies								
WP SubTotal	x	x	x	x	100%		x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms						92,611		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services								
Output 5.1.1. Data science platforms support digital farmer services								
Output 5.1.2. Data management platforms facilitate collaborative partnerships	x	x	x	x	88%			x
Output 5.2.1. Digital advisory services customized at the farm level	x	x	x	x				x
Output 5.2.2. Underutilized data assets mobilized for new insights	x	x	x	x	12%			x
WP SubTotal	x	x	x	x	100%			x

Digital Innovation | International Potato Center

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Total Center								
Crosscutting across Work Packages	x	x	x		0%	26,250		
Work Package 1 Enabling Environment					0%			
Work Package 2 Digital Inclusion					0%			
Work Package 3 System Modeling					0%			
Work Package 4 Real-time Monitoring	x	x	x		100%			
Work Package 5 Platforms & Services					0%			
Innovation packages & Scaling Readiness					0%			
TOTAL	x	x	x		100%			
Crosscutting across Work Packages								
G1. Management of the Initiative activities and tracking progress of Project-level deliverables						26,250		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications								
G3. Communication with key stakeholders and funders on the Initiative progress								
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems								
M1. Baseline studies to define the baseline values of the Initiative outcome indicators								
M2. Review promising digital technologies and solutions that can fill knowledge gaps								
EOIO-01: Strengthened digital ecosystems								
EOIO-02: Gender-responsive services								
EOIO-03: Improved digital skills								
EOIO-04: Equitable resource allocations	x	x	x					
EOIO-06: Strengthened organizational capabilities								
EOIO-05: Strengthened information systems								
WP SubTotal	x	x	x		0%			

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						26,250		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x		100%			
Output 4.1.2. Artificial intelligence-based data analytics								
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies								
WP SubTotal	x	x	x		100%			

Digital Innovation | International Food Policy Research Institute

WP/Results	2023					Budget	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Implementation Timeline	
	Q1	Q2	Q3	Q4					\$
Total Center									
Crosscutting across Work Packages	x	x	x	x	73%	601,334		x	
Work Package 1 Enabling Environment	x	x	x	x	17%			x	
Work Package 2 Digital Inclusion		x			5%				
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring					0%				
Work Package 5 Platforms & Services	x	x			5%				
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%				x
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	50%	436,944		x	
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications	x	x	x	x	20%			x	
G3. Communication with key stakeholders and funders on the Initiative progress	x	x	x	x	10%			x	
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems	x	x	x	x	20%			x	
M1. Baseline studies to define the baseline values of the Initiative outcome indicators									
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems	x	x	x	x				x	
EOIO-02: Gender-responsive services		x							
EOIO-03: Improved digital skills									
EOIO-04: Equitable resource allocations									
EOIO-06: Strengthened organizational capabilities									
EOIO-05: Strengthened information systems	x	x							
WP SubTotal	x	x	x	x	100%				x

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 1 Enabling Environment								
Outcome 1.1. Data-driven policy and investment decisions						104,749		
Outcome 1.2. Collaborative partnerships								
Output 1.1.1. Digital impact evidence clearinghouse	x	x	x	x	100%			x
Output 1.1.2. Digital impact evidence clearinghouse								
Output 1.2.1. Collaborative partnerships								
WP SubTotal	x	x	x	x	100%		x	
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth						27,714		
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops								
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox								
Output 2.3.1. Digital inclusion strategies for service providers		x			100%			
WP SubTotal	x				100%			
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms						31,927		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services								
Output 5.1.1. Data science platforms support digital farmer services								
Output 5.1.2. Data management platforms facilitate collaborative partnerships								
Output 5.2.1. Digital advisory services customized at the farm level	x	x			100%			
Output 5.2.2. Underutilized data assets mobilized for new insights								
WP SubTotal	x	x			100%			

Digital Innovation | International Institute of Tropical Agriculture

WP/Results	2023					Budget \$	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Q1	
	Q1	Q2	Q3	Q4					
Total Center									
Crosscutting across Work Packages	x	x	x	x	0%	157,537	x		
Work Package 1 Enabling Environment					0%				
Work Package 2 Digital Inclusion					0%				
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring	x	x	x	x	100%			x	
Work Package 5 Platforms & Services					0%				
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%			x	
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables						157,537			
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators									
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems									
EOIO-02: Gender-responsive services									
EOIO-03: Improved digital skills									
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities									
EOIO-05: Strengthened information systems									
WP SubTotal	x	x	x	x	0%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						157,537		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	60%			x
Output 4.1.2. Artificial intelligence-based data analytics			x	x	25%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies	x	x			15%			
WP SubTotal	x	x	x	x	100%			x

Digital Innovation | International Livestock Research Institute

WP/Results	2023					Budget	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4	\$			
Total Center								
Crosscutting across Work Packages	x	x	x	x	0%	595,486		x
Work Package 1 Enabling Environment	x	x	x	x	15%			x
Work Package 2 Digital Inclusion					0%			
Work Package 3 System Modeling					0%			
Work Package 4 Real-time Monitoring	x	x	x	x	59%			x
Work Package 5 Platforms & Services	x	x	x	x	25%			x
Innovation packages & Scaling Readiness					0%			
TOTAL	x	x	x	x	100%			x
Crosscutting across Work Packages								
G1. Management of the Initiative activities and tracking progress of Project-level deliverables						595,486		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications								
G3. Communication with key stakeholders and funders on the Initiative progress								
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems								
M1. Baseline studies to define the baseline values of the Initiative outcome indicators								
M2. Review promising digital technologies and solutions that can fill knowledge gaps								
EOIO-01: Strengthened digital ecosystems	x	x	x	x				x
EOIO-02: Gender-responsive services								
EOIO-03: Improved digital skills								
EOIO-04: Equitable resource allocations	x	x	x	x				x
EOIO-06: Strengthened organizational capabilities	x	x	x	x				x
EOIO-05: Strengthened information systems	x	x	x	x				x
WP SubTotal	x	x	x	x	0%			x

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 1 Enabling Environment								
Outcome 1.1. Data-driven policy and investment decisions						91,523		
Outcome 1.2. Collaborative partnerships								
Output 1.1.1. Digital impact evidence clearinghouse								
Output 1.1.2. Digital impact evidence clearinghouse								
Output 1.2.1. Collaborative partnerships	x	x	x	x	100%			x
WP SubTotal	x	x	x	x	100%		x	
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						353,956		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x		30%			
Output 4.1.2. Artificial intelligence-based data analytics			x	x	20%			x
Output 4.2.1. Meta-analysis of real-time monitoring impacts		x	x	x	25%			x
Output 4.2.2. Analytical framework to detect meaningful anomalies		x	x	x	25%			x
WP SubTotal	x	x	x	x	100%		x	
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms						150,007		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services								
Output 5.1.1. Data science platforms support digital farmer services	x	x	x		30%			
Output 5.1.2. Data management platforms facilitate collaborative partnerships	x	x	x	x	25%			x
Output 5.2.1. Digital advisory services customized at the farm level	x	x	x		15%			
Output 5.2.2. Underutilized data assets mobilized for new insights		x	x	x	30%		x	
WP SubTotal	x	x	x	x	100%		x	

Digital Innovation | International Rice Research Institute

WP/Results	2023					Budget \$	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Q1	
	Q1	Q2	Q3	Q4					
Total Center									
Crosscutting across Work Packages	x	x	x	x	5%	570,487	x		
Work Package 1 Enabling Environment					0%				
Work Package 2 Digital Inclusion	x	x	x	x	16%			x	
Work Package 3 System Modeling					0%				
Work Package 4 Real-time Monitoring	x	x	x	x	23%			x	
Work Package 5 Platforms & Services	x	x	x	x	56%			x	
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%			x	
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables	x	x	x	x	100%	30,634	x		
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators									
M2. Review promising digital technologies and solutions that can fill knowledge gaps									
EOIO-01: Strengthened digital ecosystems									
EOIO-02: Gender-responsive services	x	x	x	x				x	
EOIO-03: Improved digital skills									
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities	x	x	x	x				x	
EOIO-05: Strengthened information systems	x	x	x	x				x	
WP SubTotal	x	x	x	x	100%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth						89,855		
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops	x	x	x	x	30%			x
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	45%			x
Output 2.3.1. Digital inclusion strategies for service providers	x	x	x	x	25%			x
WP SubTotal	x	x	x	x	100%		x	
Work Package 4 Real- time Monitoring								
Outcome 4.1. Improved food systems monitoring capabilities						129,411		
Outcome 4.2. Timely managed climate and market risks								
Output 4.1.1. High-frequency agrifood systems monitoring systems	x	x	x	x	100%			x
Output 4.1.2. Artificial intelligence-based data analytics								
Output 4.2.1. Meta-analysis of real-time monitoring impacts								
Output 4.2.2. Analytical framework to detect meaningful anomalies								
WP SubTotal	x	x	x	x	100%		x	
Work Package 5 Platforms & Services								
Outcome 5.1. Agrifood systems stakeholders utilize enabling data platforms						320,587		
Outcome 5.2. Agrifood systems stakeholders utilize innovative digital services								
Output 5.1.1. Data science platforms support digital farmer services	x	x	x	x	20%			x
Output 5.1.2. Data management platforms facilitate collaborative partnerships	x	x	x	x	30%			x
Output 5.2.1. Digital advisory services customized at the farm level	x	x	x	x	20%			x
Output 5.2.2. Underutilized data assets mobilized for new insights	x	x	x	x	30%			x
WP SubTotal	x	x	x	x	100%		x	

Digital Innovation | International Water Management Institute

WP/Results	2023					Budget	2024	2025	
	Implementation Timeline				%		Implementation Timeline	Q1	
	Q1	Q2	Q3	Q4	\$				
Total Center									
Crosscutting across Work Packages	x	x	x	x	7%	454,913	x		
Work Package 1 Enabling Environment					0%				
Work Package 2 Digital Inclusion	x	x	x	x	30%		x		
Work Package 3 System Modeling	x	x	x	x	63%		x		
Work Package 4 Real-time Monitoring					0%				
Work Package 5 Platforms & Services					0%				
Innovation packages & Scaling Readiness					0%				
TOTAL	x	x	x	x	100%			x	
Crosscutting across Work Packages									
G1. Management of the Initiative activities and tracking progress of Project-level deliverables						30,089			
G2. Documentation of the Initiative outcomes and impact stories for reporting and communications									
G3. Communication with key stakeholders and funders on the Initiative progress									
G4. Coordination to ensure gender, youth, and social inclusivity are embedded in the digital innovation ecosystems									
M1. Baseline studies to define the baseline values of the Initiative outcome indicators		x	x	x	80%		x		
M2. Review promising digital technologies and solutions that can fill knowledge gaps	x				20%				
EOIO-01: Strengthened digital ecosystems									
EOIO-02: Gender-responsive services	x	x	x	x				x	
EOIO-03: Improved digital skills	x	x	x	x				x	
EOIO-04: Equitable resource allocations	x	x	x	x				x	
EOIO-06: Strengthened organizational capabilities									
EOIO-05: Strengthened information systems	x	x	x	x				x	
WP SubTotal	x	x	x	x	100%			x	

WP/Results	2023					Budget \$	2024	2025
	Implementation Timeline				%		Implementation Timeline	Q1
	Q1	Q2	Q3	Q4				
Work Package 1 Enabling Environment								
Outcome 1.1. Data-driven policy and investment decisions								
Outcome 1.2. Collaborative partnerships								
Output 1.1.1. Digital impact evidence clearinghouse								
Output 1.1.2. Digital impact evidence clearinghouse								
Output 1.2.1. Collaborative partnerships								
WP SubTotal					0%			
Work Package 2 Digital Inclusion								
Outcome 2.1. Digitally-empowered women and youth								
Outcome 2.2. Policy and investments for digital inclusion								
Outcome 2.3. Gender-responsive and socially-inclusive digital services								
Output 2.1.1. Digital skills training workshops	x	x			15%	136,169		
Output 2.1.2. Initiative internship programs								
Output 2.2.1. Digital inclusivity toolbox	x	x	x	x	65%			x
Output 2.3.1. Digital inclusion strategies for service providers			x	x	20%			x
WP SubTotal	x	x	x	x	100%			x
Work Package 3 System Modeling								
Outcome 3.1. Sustainably managed food, land, and water system resources								
Outcome 3.2. Stakeholders' use of systems modeling approaches								
Output 3.1.1. Improved foundational model input datasets	x	x			10%			
Output 3.1.2. Spatial analysis framework for simulating food systems dynamics			x	x	10%	288,655		x
Output 3.1.3. Digital twins of river flows and water quality dynamics	x	x	x	x	50%			x
Output 3.2.1. Capacity-building workshops are organized to train the trainers		x	x	x	30%			x
WP SubTotal	x	x	x	x	100%			x



INITIATIVE ON
Digital Innovation

