



INITIATIVE ON
Aquatic Foods



Plan of results and budget 2024

CGIAR Initiative on Aquatic Foods



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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 Plans of Results and Budget (PORB) for the Aquatic Foods initiative following the re-planning process that took place in February to June 2024. This updated 2024 PORB has considered the reflected changes for the 2024 budgets, implementation timelines and results to ensure the Initiative success.

Aquatic Foods | Consolidated

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
Total Initiative							
Cross Cutting		X	X	X	X	22%	1,533,736
Work Package 1: AquaData		X	X	X	X	12%	817,877
Work Package 2: Aqua+Partners: partnering to realize the benefits of aquatic foods in sustainable development		X	X	X	X	13%	889,812
Work Package 3: AquaPlans: Integrated Aquatic Food Systems in Water and Land Foodscapes		X	X	X	X	19%	1,295,911
Work Package 4: AquaGenetics: Delivering gains from genetic improvements in farmed fish through public-private partnerships		X	X	X	X	34%	2,372,812
Total		X	X	X	X	100%	6,910,148
Cross Cutting							
Crosscutting across Work Packages: MELIA & Other Cross-cutting Studies Climate change and environment Gender and inclusivity Nutrition and public health	Cross Cutting	X	X	X	X	100%	1,533,736
Aquatic food system labs in Solomon Islands and Zambia increase national innovation systems' ability to identify, evaluate and scale socio-technical innovations	EOI	X	X	X	X	0%	-
At least 1of tilapia and carp strains demonstrate increased productivity (+30%) and environmental performance (-25% GHG emission reduction) in 1 African & 2 Asian countries	EOI	X	X	X	X	0%	-
Improved food, livelihood, water and environmental performance in multifunctional land and water systems in Myanmar, Cambodia, Ghana and Zambia	EOI	X	X	X	X	0%	-
Improved management and co-production of sustainable development pathways secure rights and livelihood benefits for 50,000 small-scale actors in aquatic food systems in Asia-Pacific and bring more nutritious diets to 300,000.	EOI	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
Scaling partners and stakeholders in 2 countries use improved knowledge systems and data to inform at least five evidence-based investments supporting aquatic food systems transformation.	EOI	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	1,533,736
Work Package 1: AquaData							
OP1.1.1. Synthesized information, education and communication materials (IEC) on data needs and gaps in AFS that identify priorities and principles for design and implementation of data ecosystems available in 4 countries	OUTPUT	X	X	X	X	15%	122,810
OP1.1.1.2. Socio-economic and environmental characterization of aquatic food systems developed and implemented in 5 different countries and/or key geographies.	OUTPUT	X	X	X	X	24%	194,021
OP1.1.2.1 A standard/protocol to guide data generation for AFS defined and applied at least to Work Packages 2-4	OUTPUT	X	X	X	X	8%	69,081
OP1.2.1.1 Synthesized IEC materials and review of real-time digital tools, data systems and artificial intelligence in tracking AFS performance	OUTPUT	X	X	X	X	7%	53,729
OP1.2.1.2. Adoption and impact studies co-defined and implemented to fill data gaps and to measure the performance of innovations related to AFS and applied across Work Packages 2 and 4	OUTPUT	X	X	X	X	5%	38,378
OP1.2.2.1. Integrated, publicly available aquatic food systems databases, assembled from existing socio-economic, climate and environmental datasets.	OUTPUT	X	X	X	X	14%	115,134
OP1.3.1.1 New knowledge is produced to evaluate the role of digital solutions, including artificial intelligence to support policy development and implementation for AqFS transformation.	OUTPUT	X	X	X	X	2%	15,351

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
OP1.3.1.2. New knowledge and case studies of the impact of digital decision support on climate resilience, socio-economic benefits and environmental sustainability in aquatic ecosystems produced in 2 case studies	OUTPUT	X	X	X	X	8%	69,081
OP1.3.2.1 At least 2 data use cases co-developed by researchers, public and private sectors, and local communities to affect policy, investments and decision-making at local, sub-national and national levels	OUTPUT	X	X	X	X	10%	78,887
OP1.3.2.2. Partnerships, capacity building, and dissemination approaches are developed and implemented in 2 countries to increase demand and uptake of FAIR and inclusive AFS data for decision-making.	OUTPUT	X	X	X	X	8%	61,405
O1.1.1. Stakeholders in 2 countries co-produce strategic actions and allocate funding to meet data needs and overcome gaps in evidence	OUTCOME	X	X	X	X	0%	-
O1.1.2. Methodological innovations and tools, including digital solutions, are available for uptake by partners and stakeholders in 4 countries, to capture and analyze data in aquatic food systems	OUTCOME	X	X	X	X	0%	-
O1.1. Partners, governments and stakeholders in 2 countries adopt new or improved knowledge about data ecosystems and/or gathering tools and analysis methods	OUTCOME	X	X	X	X	0%	-
O1.2.1. Open-access integrated aquatic food systems databases, knowledge, and profiles produced in at least 1 geography	OUTCOME	X	X	X	X	0%	-
O1.2.2. At least 3 national profiles on the status of aquatic food systems co-developed and co-produced with partners and stakeholders	OUTCOME	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O1.2. At least 1 public-private data and knowledge sharing platform available and integrated with other existing resources to share data and tools related to aquatic foods	OUTCOME	X	X	X	X	0%	-
O1.3.1. Governments, donors, private sector and local communities in 2 countries use data and knowledge to implement evidence-based decisions and changes	OUTCOME	X	X	X	X	0%	-
O1.3.2. Partners and stakeholders co-develop near-real-time data system to enable a timely and transparent decision-making process	OUTCOME	X	X	X	X	0%	-
O1.3. At least 1 policy or investment supporting the transformation of aquatic food systems are implemented at the national and/or local levels by respectively public and/or private sector, and/or local community	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	817,877
Work Package 2: Aqua+Partners: partnering to realize the benefits of aquatic foods in sustainable development							
OP2.1.1.1. Communities collaborate and share knowledge and experiences for management and locally-led development	OUTPUT	X	X	X	X	24%	213,555
OP2.1.2.1. National information, education and communication (IEC) materials on community-led management and development that enable uptake at greater scale and strengthens collective action.	OUTPUT	X	X	X	X	14%	124,574
OP2.1.3.1. Harmonized national databases for monitoring reach and uptake of sustainable practices as well as resource utilization/status	OUTPUT	X	X	X	X	19%	169,064

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
OP2.2.1.1. Sustainable development pathways shaped from forums, with scientific outputs informing policymakers and academia. Including tribal or local language products for small-scale aquatic food system actors supporting their place in development planning.	OUTPUT	X	X	X	X	25%	222,453
OP2.3.1.1. New knowledge on how tensions between local demand and competing ocean economy aspirations can be reconciled, synthesizing the learning of how indigenous, traditional and small-scale food system actors can thrive in the blue economy.	OUTPUT	X	X	X	X	13%	115,676
OP2.3.1.2. Communication materials (e.g., blogs, briefs, interactive media) and activities (e.g., events, panels) that elevate a voice of small-scale actors in international change agendas.	OUTPUT	X	X	X	X	5%	44,491
O2.1.1. Community access rights and management systems supported for improved and equitable governance of aquatic resources	OUTCOME	X	X	X	X	0%	-
O2.1.2. Livelihoods of coastal communities made more resilient from community-led management and development	OUTCOME	X	X	X	X	0%	-
O2.1.3. National programs operate more effective MELIA systems in support of traditional access rights and management systems	OUTCOME	X	X	X	X	0%	-
O2.1. Inclusive governance and better management realizing secure rights and livelihood benefits for 50,000 small-scale actors in Asia Pacific Island food systems and in the Bay of Bengal	OUTCOME	X	X	X	X	0%	-
O2.2.1. National policies and programs better aligned to support autonomous efforts to govern aquatic food systems in ways that are advantageous to its small-scale actors	OUTCOME	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O2.2.2. Innovative research and partnerships that create spaces for equitable dialogue, identification of new impact pathways as well as redressing and challenging power imbalances leading to strong upward and downward accountability mechanisms	OUTCOME	X	X	X	X	0%	-
O2.2. Co-production of sustainable development pathways through novel partnerships bringing healthier and more nutritious diets through accessible aquatic foods for 300,000 women, men and children	OUTCOME	X	X	X	X	0%	-
O2.3.1 New research-for-development connections (spanning private sector, research, NGO, human rights-groups, government sectors) enabling coordination, information and awareness for traditional, Indigenous and small-scale aquatic food system actors	OUTCOME	X	X	X	X	0%	-
O2.3. Novel Partners with diverse agendas adopt priorities of small-scale food system actors with new or improved knowledge about how meaningfully engage through this approach	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	889,812
Work Package 3: AquaPlans: Integrated Aquatic Food Systems in Water and Land Foodscapes							
OP3.1.1.1. Rice and fish decision support tool deployed by at least two partner/ organizations.	OUTPUT	X	X	X	X	16%	207,346
OP3.1.1.2. Policy support for design and implementation principles of rice and fish decision support tool	OUTPUT			X	X	5%	64,796
OP3.1.2.1. Scientific knowledge documenting the upscaling of the rice and fish decision support tool	OUTPUT			X	X	15%	194,387

Work Packages (WP)/Results	Type	2024						Budget \$
		Implementation Timeline				Budget		
		Q1	Q2	Q3	Q4	(%)		
OP3.1.2.2. Vibrant partnerships with scaling partners using learning on rice and fish integrated production systems to adapt their programs	OUTPUT		X	X	X	10%	129,591	
OP3.2.1.1. Policy support for the design and implementation of principles of aquatic food production in small dams.	OUTPUT		X	X	X	0%	-	
OP3.2.1.2. Aquatic food production in small dams piloted in at least four sites.	OUTPUT		X	X		8%	103,673	
OP3.2.1.3. Vibrant multi-stakeholder platforms at the national and sub-national levels mobilizing evidence to include aquatic food production and fish-friendly irrigation principles into project design and policies.	OUTPUT			X	X	3%	38,877	
OP3.2.1.4. Tertiary education module on fish-friendly irrigation and integrated production systems developed and delivered in water planners and engineers' degrees.	OUTPUT			X	X	0%	-	
OP3.2.1.5. Scientific knowledge documenting the achievements of fish-friendly irrigation programs or pilots	OUTPUT	X	X	X	X	8%	103,673	
OP3.2.1.6. Vibrant partnerships on aquatic food production in small dams with scaling partners using learning to adapt their programs.	OUTPUT	X	X	X	X	3%	38,877	
OP3.3.1.1. Water availability studies and suitability mapping for integrated production systems and multifunctional land and water systems.	OUTPUT	X	X	X	X	19%	246,223	
OP3.3.1.2. Built capacity of inter-sectoral and multi-stakeholder actors for governing water and land foodscapes	OUTPUT	X	X	X		13%	168,468	
OP3.3.1.3. Institutional, GESI and political economy studies identifying leveraging drivers for water and land foodscapes governance	OUTPUT			X	X	0%	-	

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
O3.1.1. Smallholder farmers' livelihoods are sustained and incomes are increased through integrated production systems.	OUTCOME	X	X	X	X	0%	-
O3.1.2. Water and land management are integrated to lessen environmental impacts, enhance agroecosystem functions and restore capture-fisheries at basin level and improve resilience of multifunctional production systems to critical drivers of change	OUTCOME	X	X	X	X	0%	-
O3.2.1. Food security and nutrition are improved for local households through increased micronutrient-rich fish consumption, especially for women and young children	OUTCOME	X	X	X	X	0%	-
O3.3.1. Enhanced capacity of local institutions and multiple stakeholders to improve rights and access to fishery and multifunctional systems for smallholders, as well as landless.	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	1,295,911
Work Package 4: AquaGenetics: Delivering gains from genetic improvements in farmed fish through public-private partnerships							
OP4.1.1.1. Faster-growing tilapia strains released to farmers from 2022	OUTPUT	X	X	X	X	65%	1,542,589
OP4.1.2.1. Faster growing (+30%) rohu carp strains released to farmers from 2022 and faster growing silver carp piloted in 2024-25.	OUTPUT	X	X	X	X	28%	667,688
OP4.1.3.1. Gender-responsive tilapia customer and product profiles that consider practical tradeoffs including environmental and other tradeoffs.	OUTPUT	X	X	X	X	3%	70,441
OP4.2.1.1. Assessment of the effectiveness (adoption and profitability to supplier and farmer) of the tested fish seed supply systems.	OUTPUT			X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
OP4.3.1.1. Benchmarking data on productivity, profitability, resource use efficiency and GHG emissions: technical and social effects.	OUTPUT	X	X	X	X	3%	69,071
OP4.3.1.2. Information on actual health feed and husbandry practices affecting fish performance	OUTPUT	X	X	X	X	1%	23,024
OP4.3.2.1. Impact assessments of increased access to improved strains.	OUTPUT				X	0%	-
O4.1.1. More efficient methods and/or tools have been incorporated into fish breeding programs to speed improvements in growth and other traits.	OUTCOME	X	X	X	X	0%	-
O4.1.2. Measurable progress in the improvement of traits in three carp core genetic improvement programs	OUTCOME	X	X	X	X	0%	-
O4.1.3. User trait preferences have been assessed, prioritized and incorporated where feasible, and genetic improvement programs are selecting traits of value to users	OUTCOME	X	X	X	X	0%	-
O4.1. Improved fish strains with superior growth performance and additional resilience traits that meet user needs are available for at least one major aquaculture species for use in Nigeria, Bangladesh and India.	OUTCOME	X	X	X	X	0%	-
O4.2.1. Improved strains with faster growth have been delivered to key dissemination nodes and are available to fish seed suppliers and farmers in target countries.	OUTCOME			X	X	0%	-
O4.2. Economically sustainable seed supply systems in the target countries are delivering improved fish strains with superior growth performance to small-scale farmers in Nigeria and Bangladesh	OUTCOME			X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O4.3.1. Shortcomings in performance (yield gap) have been identified and solutions to these formulated enabling pathways to optimizing benefits for users	OUTCOME	X	X	X	X	0%	-
O4.3.2. Baseline assessments of key parameters have been completed enabling the future effects of adoption to be assessed.	OUTCOME				X	0%	-
O4.3. Improved fish strains with superior performance in farming systems increase productivity and profitability of farmers, with reduced environmental impact in Nigeria, Bangladesh, India	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	2,372,812

Aquatic Foods | International Institute of Tropical Agriculture

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
Cross Cutting							
At least 1of tilapia and carp strains demonstrate increased productivity (+30%) and environmental performance (-25% GHG emission reduction) in 1 African & 2 Asian countries	EOI	X	X	X	X	0%	-
Subtotal		X	X	X	X	0%	null
Work Package 4: AquaGenetics: Delivering gains from genetic improvements in farmed fish through public-private partnerships							
OP4.1.3.1. Gender-responsive tilapia customer and product profiles that consider practical tradeoffs including environmental and other tradeoffs.	OUTPUT	X	X	X	X	100%	70,441
O4.1.3. User trait preferences have been assessed, prioritized and incorporated where feasible, and genetic improvement programs are selecting traits of value to users	OUTCOME	X	X	X	X	0%	-
O4.1. Improved fish strains with superior growth performance and additional resilience traits that meet user needs are available for at least one major aquaculture species for use in Nigeria, Bangladesh and India.	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	70,441

Aquatic Foods | International Food Policy Research Institute

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
Cross Cutting							
Scaling partners and stakeholders in 2 countries use improved knowledge systems and data to inform at least five evidence-based investments supporting aquatic food systems transformation.	EOI	X	X	X	X	0%	-
Subtotal		X	X	X	X	0%	null
Work Package 1: AquaData							
OP1.1.1.2. Socio-economic and environmental characterization of aquatic food systems developed and implemented in 5 different countries and/or key geographies.	OUTPUT	X	X	X	X	50%	25,158
OP1.3.2.1 At least 2 data use cases co-developed by researchers, public and private sectors, and local communities to affect policy, investments and decision-making at local, sub-national and national levels	OUTPUT	X	X	X	X	50%	25,158
Subtotal		X	X	X	X	100%	50,315

Aquatic Foods | International Water Management Institute

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
Cross Cutting							
Crosscutting across Work Packages: MELIA & Other Cross-cutting Studies Climate change and environment Gender and inclusivity Nutrition and public health	Cross Cutting	X	X	X	X	100%	39,116
Improved food, livelihood, water and environmental performance in multifunctional land and water systems in Myanmar, Cambodia, Ghana and Zambia	EOI	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	39,116
Work Package 3: AquaPlans: Integrated Aquatic Food Systems in Water and Land Foodscapes							
OP3.1.1.1. Rice and fish decision support tool deployed by at least two partner/ organizations.	OUTPUT	X	X	X	X	16%	207,346
OP3.1.1.2. Policy support for design and implementation principles of rice and fish decision support tool	OUTPUT			X	X	5%	64,796
OP3.1.2.1. Scientific knowledge documenting the upscaling of the rice and fish decision support tool	OUTPUT			X	X	15%	194,387
OP3.1.2.2. Vibrant partnerships with scaling partners using learning on rice and fish integrated production systems to adapt their programs	OUTPUT		X	X	X	10%	129,591
OP3.2.1.1. Policy support for the design and implementation of principles of aquatic food production in small dams.	OUTPUT		X	X	X	0%	-
OP3.2.1.2. Aquatic food production in small dams piloted in at least four sites.	OUTPUT		X	X		8%	103,673
OP3.2.1.3. Vibrant multi-stakeholder platforms at the national and sub-national levels mobilizing evidence to include aquatic food production and fish-friendly irrigation principles into project design and policies.	OUTPUT			X	X	3%	38,877

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
OP3.2.1.4. Tertiary education module on fish-friendly irrigation and integrated production systems developed and delivered in water planners and engineers' degrees.	OUTPUT			X	X	0%	-
OP3.2.1.5. Scientific knowledge documenting the achievements of fish-friendly irrigation programs or pilots	OUTPUT	X	X	X	X	8%	103,673
OP3.2.1.6. Vibrant partnerships on aquatic food production in small dams with scaling partners using learning to adapt their programs.	OUTPUT	X	X	X	X	3%	38,877
OP3.3.1.1. Water availability studies and suitability mapping for integrated production systems and multifunctional land and water systems.	OUTPUT	X	X	X	X	19%	246,223
OP3.3.1.2. Built capacity of inter-sectoral and multi-stakeholder actors for governing water and land foodscapes	OUTPUT	X	X	X		13%	168,468
OP3.3.1.3. Institutional, GESI and political economy studies identifying leveraging drivers for water and land foodscapes governance	OUTPUT			X	X	0%	-
O3.1.1. Smallholder farmers' livelihoods are sustained and incomes are increased through integrated production systems.	OUTCOME	X	X	X	X	0%	-
O3.1.2. Water and land management are integrated to lessen environmental impacts, enhance agroecosystem functions and restore capture-fisheries at basin level and improve resilience of multifunctional production systems to critical drivers of change	OUTCOME	X	X	X	X	0%	-
O3.2.1. Food security and nutrition are improved for local households through increased micronutrient-rich fish consumption, especially for women and young children	OUTCOME	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O3.3.1. Enhanced capacity of local institutions and multiple stakeholders to improve rights and access to fishery and multifunctional systems for smallholders, as well as landless.	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	1,295,911

Aquatic Foods | International Center for Living Aquatic Resources Management

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
Cross Cutting							
Crosscutting across Work Packages: MELIA & Other Cross-cutting Studies Climate change and environment Gender and inclusivity Nutrition and public health	Cross Cutting	X	X	X	X	100%	1,494,620
Aquatic food system labs in Solomon Islands and Zambia increase national innovation systems' ability to identify, evaluate and scale socio-technical innovations	EOI	X	X	X	X	0%	-
At least 10f tilapia and carp strains demonstrate increased productivity (+30%) and environmental performance (-25% GHG emission reduction) in 1 African & 2 Asian countries	EOI	X	X	X	X	0%	-
Improved management and co-production of sustainable development pathways secure rights and livelihood benefits for 50,000 small-scale actors in aquatic food systems in Asia-Pacific and bring more nutritious diets to 300,000.	EOI	X	X	X	X	0%	-
Scaling partners and stakeholders in 2 countries use improved knowledge systems and data to inform at least five evidence-based investments supporting aquatic food systems transformation.	EOI	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	1,494,620
Work Package 1: AquaData							
OP1.1.1. Synthesized information, education and communication materials (IEC) on data needs and gaps in AFS that identify priorities and principles for design and implementation of data ecosystems available in 4 countries	OUTPUT	X	X	X	X	16%	122,810

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
OP1.1.1.2. Socio-economic and environmental characterization of aquatic food systems developed and implemented in 5 different countries and/or key geographies.	OUTPUT	X	X	X	X	22%	168,864
OP1.1.2.1 A standard/protocol to guide data generation for AFS defined and applied at least to Work Packages 2-4	OUTPUT	X	X	X	X	9%	69,081
OP1.2.1.1 Synthesized IEC materials and review of real-time digital tools, data systems and artificial intelligence in tracking AFS performance	OUTPUT	X	X	X	X	7%	53,729
OP1.2.1.2. Adoption and impact studies co-defined and implemented to fill data gaps and to measure the performance of innovations related to AFS and applied across Work Packages 2 and 4	OUTPUT	X	X	X	X	5%	38,378
OP1.2.2.1. Integrated, publicly available aquatic food systems databases, assembled from existing socio-economic, climate and environmental datasets.	OUTPUT	X	X	X	X	15%	115,134
OP1.3.1.1 New knowledge is produced to evaluate the role of digital solutions, including artificial intelligence to support policy development and implementation for AqFS transformation.	OUTPUT	X	X	X	X	2%	15,351
OP1.3.1.2. New knowledge and case studies of the impact of digital decision support on climate resilience, socio-economic benefits and environmental sustainability in aquatic ecosystems produced in 2 case studies	OUTPUT	X	X	X	X	9%	69,081
OP1.3.2.1 At least 2 data use cases co-developed by researchers, public and private sectors, and local communities to affect policy, investments and decision-making at local, sub-national and national levels	OUTPUT	X	X	X	X	7%	53,729

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
OP1.3.2.2. Partnerships, capacity building, and dissemination approaches are developed and implemented in 2 countries to increase demand and uptake of FAIR and inclusive AFS data for decision-making.	OUTPUT	X	X	X	X	8%	61,405
O1.1.1. Stakeholders in 2 countries co-produce strategic actions and allocate funding to meet data needs and overcome gaps in evidence	OUTCOME	X	X	X	X	0%	-
O1.1.2. Methodological innovations and tools, including digital solutions, are available for uptake by partners and stakeholders in 4 countries, to capture and analyze data in aquatic food systems	OUTCOME	X	X	X	X	0%	-
O1.1. Partners, governments and stakeholders in 2 countries adopt new or improved knowledge about data ecosystems and/or gathering tools and analysis methods	OUTCOME	X	X	X	X	0%	-
O1.2.1. Open-access integrated aquatic food systems databases, knowledge, and profiles produced in at least 1 geography	OUTCOME	X	X	X	X	0%	-
O1.2.2. At least 3 national profiles on the status of aquatic food systems co-developed and co-produced with partners and stakeholders	OUTCOME	X	X	X	X	0%	-
O1.2. At least 1 public-private data and knowledge sharing platform available and integrated with other existing resources to share data and tools related to aquatic foods	OUTCOME	X	X	X	X	0%	-
O1.3.1. Governments, donors, private sector and local communities in 2 countries use data and knowledge to implement evidence-based decisions and changes	OUTCOME	X	X	X	X	0%	-
O1.3.2. Partners and stakeholders co-develop near-real-time data system to enable a timely and transparent decision-making process	OUTCOME	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O1.3. At least 1 policy or investment supporting the transformation of aquatic food systems are implemented at the national and/or local levels by respectively public and/or private sector, and/or local community	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	767,562
Work Package 2: Aqua+Partners: partnering to realize the benefits of aquatic foods in sustainable development							
OP2.1.1.1. Communities collaborate and share knowledge and experiences for management and locally-led development	OUTPUT	X	X	X	X	24%	213,555
OP2.1.2.1. National information, education and communication (IEC) materials on community-led management and development that enable uptake at greater scale and strengthens collective action.	OUTPUT	X	X	X	X	14%	124,574
OP2.1.3.1. Harmonized national databases for monitoring reach and uptake of sustainable practices as well as resource utilization/status	OUTPUT	X	X	X	X	19%	169,064
OP2.2.1.1. Sustainable development pathways shaped from forums, with scientific outputs informing policymakers and academia. Including tribal or local language products for small-scale aquatic food system actors supporting their place in development planning.	OUTPUT	X	X	X	X	25%	222,453
OP2.3.1.1. New knowledge on how tensions between local demand and competing ocean economy aspirations can be reconciled, synthesizing the learning of how indigenous, traditional and small-scale food system actors can thrive in the blue economy.	OUTPUT	X	X	X	X	13%	115,676

Work Packages (WP)/Results	Type	2024				Budget	
		Implementation Timeline				(%)	\$
		Q1	Q2	Q3	Q4		
OP2.3.1.2. Communication materials (e.g., blogs, briefs, interactive media) and activities (e.g., events, panels) that elevate a voice of small-scale actors in international change agendas.	OUTPUT	X	X	X	X	5%	44,491
O2.1.1. Community access rights and management systems supported for improved and equitable governance of aquatic resources	OUTCOME	X	X	X	X	0%	-
O2.1.2. Livelihoods of coastal communities made more resilient from community-led management and development	OUTCOME	X	X	X	X	0%	-
O2.1.3. National programs operate more effective MELIA systems in support of traditional access rights and management systems	OUTCOME	X	X	X	X	0%	-
O2.1. Inclusive governance and better management realizing secure rights and livelihood benefits for 50,000 small-scale actors in Asia Pacific Island food systems and in the Bay of Bengal	OUTCOME	X	X	X	X	0%	-
O2.2.1. National policies and programs better aligned to support autonomous efforts to govern aquatic food systems in ways that are advantageous to its small-scale actors	OUTCOME	X	X	X	X	0%	-
O2.2.2. Innovative research and partnerships that create spaces for equitable dialogue, identification of new impact pathways as well as redressing and challenging power imbalances leading to strong upward and downward accountability mechanisms	OUTCOME	X	X	X	X	0%	-
O2.2. Co-production of sustainable development pathways through novel partnerships bringing healthier and more nutritious diets through accessible aquatic foods for 300, 000 women, men and children	OUTCOME	X	X	X	X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O2.3.1 New research-for-development connections (spanning private sector, research, NGO, human rights-groups, government sectors) enabling coordination, information and awareness for traditional, Indigenous and small-scale aquatic food system actors	OUTCOME	X	X	X	X	0%	-
O2.3. Novel Partners with diverse agendas adopt priorities of small-scale food system actors with new or improved knowledge about how meaningfully engage through this approach	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	889,812
Work Package 4: AquaGenetics: Delivering gains from genetic improvements in farmed fish through public-private partnerships							
OP4.1.1.1. Faster-growing tilapia strains released to farmers from 2022	OUTPUT	X	X	X	X	67%	1,542,589
OP4.1.2.1. Faster growing (+30%) rohu carp strains released to farmers from 2022 and faster growing silver carp piloted in 2024-25.	OUTPUT	X	X	X	X	29%	667,688
OP4.2.1.1. Assessment of the effectiveness (adoption and profitability to supplier and farmer) of the tested fish seed supply systems.	OUTPUT			X	X	0%	-
OP4.3.1.1. Benchmarking data on productivity, profitability, resource use efficiency and GHG emissions: technical and social effects.	OUTPUT	X	X	X	X	3%	69,071
OP4.3.1.2. Information on actual health feed and husbandry practices affecting fish performance	OUTPUT	X	X	X	X	1%	23,024
OP4.3.2.1. Impact assessments of increased access to improved strains.	OUTPUT				X	0%	-

Work Packages (WP)/Results	Type	2024 Implementation Timeline				Budget	
		Q1	Q2	Q3	Q4	(%)	\$
O4.1.1. More efficient methods and/or tools have been incorporated into fish breeding programs to speed improvements in growth and other traits.	OUTCOME	X	X	X	X	0%	-
O4.1.2. Measurable progress in the improvement of traits in three carp core genetic improvement programs	OUTCOME	X	X	X	X	0%	-
O4.1. Improved fish strains with superior growth performance and additional resilience traits that meet user needs are available for at least one major aquaculture species for use in Nigeria, Bangladesh and India.	OUTCOME	X	X	X	X	0%	-
O4.2.1. Improved strains with faster growth have been delivered to key dissemination nodes and are available to fish seed suppliers and farmers in target countries.	OUTCOME			X	X	0%	-
O4.2. Economically sustainable seed supply systems in the target countries are delivering improved fish strains with superior growth performance to small-scale farmers in Nigeria and Bangladesh	OUTCOME			X	X	0%	-
O4.3.1. Shortcomings in performance (yield gap) have been identified and solutions to these formulated enabling pathways to optimizing benefits for users	OUTCOME	X	X	X	X	0%	-
O4.3.2. Baseline assessments of key parameters have been completed enabling the future effects of adoption to be assessed.	OUTCOME				X	0%	-
O4.3. Improved fish strains with superior performance in farming systems increase productivity and profitability of farmers, with reduced environmental impact in Nigeria, Bangladesh, India	OUTCOME	X	X	X	X	0%	-
Subtotal		X	X	X	X	100%	2,302,371



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