STRATEGY FOR FISHERIES, AQUACULTURE AND CLIMATE CHANGE PROGRAMME LOGICAL FRAMEWORK

This logframe (logical framework) defines FAO's expected role within the wider contexts mentioned in the document *Strategy for Fisheries, Aquaculture and Climate Change*, based on its mandate, comparative strengths and current work plans. It is structured to provide a planning and management framework in which specific projects can be linked. At this stage, activities and indicators are described only at an indicative level – this would be open to development with partners and according to specific regional and subregional objectives. The framework has been defined for the period 2011–16 but can also be used as the basis for a rolling review and update process.

PROGRAMME LOGFRAME: FISHERIES, AQUACULTURE AND CLIMATE CHANGE –

PROGRAMME LEVEL	INDICATORS	MEANS OF VERIFICATION	RISKS AND ASSUMPTIONS
Goal People, communities and States meet their social and development goals effectively, while taking into account and responding to the additional challenges imposed by climate change (CC) on fisheries and aquaculture	Governance performance, strategies, process monitoring, resilience parameters, future provisioning	Actions, accords, structures, data (ecosystem, social and economic), future analyses, investment priorities	
Purpose *(expected result)* Member States and partners supported to adapt effectively to and mitigate the impacts of CC for fisheries, aquaculture and aquatic ecosystems, through policy development, knowledge development and exchange, normative outputs, practical demonstration, and capacity building	Functional partnerships, well-developed strategies, and implementation actions; outputs, ecosystem quality, food security and social benefits maintained	Partnership agreements, reports and actions; output, value, food supply, income and other statistics	CC impacts too indeterminate; social and political stresses, and investment demands in other sectors too great
Outputs			
1 Global, regional and local CC action partnerships, across public, private community and NGO sectors, promoted and supported, with management and implementation structures as required	Joint actions and projects among agencies; Global Partnership for Climate Change, Fisheries and Aquaculture (PaCFA) meetings	Agency documents, partnership agreements, memoranda of understanding (MoUs), work plans	National and local government capacity and implementation aims; consistency of agency aims, strategic objectives, funds, timing
2 Strategic context, awareness-raising, policy development and knowledge base for CC and fisheries sector established, interlinking with other sectors, defining spatial scale other impact/response features	Strong, accessible body of sector knowledge linking with CC science, policy, actions; clear influencing themes and messages into key arenas	Documents, engagement in strategy processes – reviews with coherent, well-founded content, clear CC links, at local to global levels	Incoherence, complex messages, trade-off issues, other lobbies; CC indeterminacy, data and standards inadequacy, inconsistency
3 Fishery sector CC mitigation-related issues/actions identified and developed, and implementation supported within and across the sector	Analyses of greenhouse gas (GHG) interactions and range of mitigation measures identified, reduction in GHG emissions	Documentation of emissions and GHG reduction/capture methods from subsectors; guidelines on emissions reductions	Inadequate interest, research, action, funding, poorly measurable effects, policy deficits
4 Adaptation strategies identified and promoted for implementation within mainstream sector development frameworks	Guidelines and pilot cases promoting adaptation in fisheries and aquaculture, more-resilient communities	Documentation of local, national, global actions, analyses of results	Insufficient attention, funding, data, pressure of wider influences, policy deficits
5 Lesson-learning and capacity-building process established with partners to build CC and sectoral knowledge and response through specific tools: e.g. strategies, best practices	Documentation on CC links, mitigation and adaptation available; assistance in strategy and plan development	Assessments, studies, documentation, guidelines, strategies	Disorganized/unfocused approach, funding, unclear messages
6 Communication strategy for CC mitigation and adaptation, for a range of audiences defined and implemented	Clear messages about sector, CC and development widely accessible	Materials, Web sites, documents; target and usage records	Effective connection across agencies, mixed messages

ROLE AND STRATEGY OF THE FAO FISHERIES AND AQUACULTURE DEPARTMENT

ACTIVITIES

1.1 Consult and identify interested partners at the global and regional levels, including establishing and agreeing on partnership aims and mechanisms.

1.2 Set out and agree on programme or project plans, delivery, management and implementation systems.

1.3 Define specific approaches and linkages for mainstreaming climate change issues into sector development, inclusion of the sector into global climate change actions and ensuring links with disaster risk management (DRM) and emergency processes.

1.4 Develop funding strategies, initiate and develop contacts, potential programme connections.

1.5 Set up funded structure for sustained implementation programmes.

2.1 Define scales, contexts, information sources, key knowledge gaps and priority work areas.

2.2 Develop indicators at the global, regional and local levels to identify climate change impacts and vulnerabilities based on local and regional reviews of physical, environmental, social, economic and institutional issues.

2.3 Develop sector linkages with climate change scenarios outside the sector and improve the sector's presence in the UNFCCC, IPCC and other climate change knowledge fora.

2.4 Define ways in which scientific and local knowledge would best be linked for mitigation and adaptation purposes.

2.5 Use and develop methodologies for improved integration of information and knowledge (e.g. databases, GIS, decision systems, economic and valuation systems).

2.6 Maintain the Department's knowledge, quality assurance and dissemination functions across the programme's activities.

3.1 Review and establish agreed methodologies for estimating energy use and GHG emissions from capture fisheries, aquaculture and post-harvest and supply chain subsectors.

3.2 Estimate sectoral GHG emissions (through global registries, case studies, typologies and models) and identify the key technological, economic and policy-modifying factors relating to these emissions.

3.3 Identify mitigation (including carbon/GHG capture) potentials at the national and regional levels in main fisheries and aquaculture subsectors, and define conditions for supporting their uptake.

3.4 Undertake case studies for the development of policies and technologies to support the transition to energy-efficient and low GHG footprint aquatic food production systems.

3.5 Identify funding and operational opportunities and linkages with other partners at the community, national and regional levels.

3.6 Support and collaborate with other agencies and actors to carry out and scale up mitigation activities.

4.1 Review and improve understanding of climate change vulnerable ecosystems, communities and societies in fisheries and aquaculture sectors at the local, national and regional levels.

4.2 Collect and analyse examples of vulnerability identification, of impact reduction mechanisms and of adaptation strategies, and define criteria and indicators for effective outcomes.

4.3 Identify effective adaptation responses, from physical, economic to institutional/governance levels, including DRM links, related to a range of locations, contexts and subsector features.

4.4 Define linkages with wider development and climate change adaptation and mitigation contexts, and determine how sector needs can best be met.

4.5 Develop and disseminate best-practice guidelines on, for example, adaptation strategies in fisheries and aquaculture within a multisectoral context.

4.6 In consultation with Members, identify case studies and programmes for the development and implementation of adaptive strategies; making full use of relevant funding and operational opportunities at the local, regional and global levels.

4.7 Collaborate with partners to promote and scale up (or down) adaptation strategies.

5.1 Establish lesson-learning methodologies and processes across the programme's activities.

5.2 Develop a strategy for setting sectoral findings into broader climate change contexts, and for prioritizing, scaling up, and further evaluating options and strategies for capacity building.

5.3 Carry out lesson-learning activities across a range of contexts and subsectors and develop dissemination materials to capture lessons learned (including guidelines for stakeholders and policy-makers).

5.4 Build capacity among partners from the local to international levels to share lesson learning, further develop knowledge potentials and promote effective participation in global, national and local climate change actions.

6.1 Define a communication strategy for a wide range of audiences, making use of partnership links at the local, regional and global levels.

6.2 Agree on priorities, mechanisms, partnership approaches, targets, specific outcomes and relevant indicators.

6.3 Identify funding and operational opportunities to implement the communication strategy, including promoting linkages with other communication resources.

INDICATIVE PROGRAMME BUDGET

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
			(US$)			
Professional staff	*750 000*	*750 000*	*750 000*	*750 000*	*750 000*	*3 750 000*
General service staff	*80 000*	*80 000*	*80 000*	*80 000*	*80 000*	*400 000*
Total staff cost	830 000	830 000	830 000	830 000	830 000	4 150 000
Consultants	400 000	400 000	400 000	400 000	400 000	2 000 000
Contracts	200 000	200 000	200 000	200 000	200 000	1 000 000
Travel	300 000	300 000	300 000	300 000	300 000	1 500 000
Training	300 000	300 000	300 000	300 000	300 000	1 500 000
Supplies	100 000	100 000	100 000	100 000	100 000	500 000
Non-expendable equipment	20 000	20 000	20 000	20 000	20 000	100 000
Technical support services	200 000	200 000	200 000	200 000	200 000	1 000 000
General operating expenses	200 000	200 000	200 000	200 000	200 000	1 000 000
Programme subtotal						**12 750 000**
Support cost						**2 145 000**
TOTAL BUDGET						**14 895 000**