

FISHERIES INSTITUTIONAL ANALYSIS AND CAPACITY ASSESSMENT
TO THE MINISTRY OF FISHERIES AND AQUATIC RESOURCES, SRI LANKA

Appendix M: Action plan milestones and assigned MFAR, departmental and agency responsibility

Log Frame code	Activity	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Institute	Secondary institute
O1 R 1	Management systems created and implemented												
O 1R.1.1	Management plans set		●	●	●	●	●	●	●	●	●	DFAR	
O 1R.1.2	Upgrade existing Fisheries Act	●										MFAR	
O 1R.1.3	Support for Fishery Management Areas		●	●	●	●	●	●	●	●	●	DFAR	
O 1R.1.4	Fishers trained participatory co management		●	●	●	●						NIFNE	DFAR/NFF
O 1 R 2	Marine and aquatic resources monitored												
O 1 R 2.1	Stock assessment surveys		●	●	●	●	●	●	●	●	●	NARA	
O 1 R 2.2	Data collection		●	●	●	●	●	●	●	●	●	MFAR	
O 1 R 2.3	Socio economic variables		●	●	●	●	●	●	●	●	●	NARA	
O 1 R 2.4	Attendance at International workshops		●	●	●	●	●	●	●	●	●	MFAR	NARA
R 3													
O 1 R 3.1	Vessel registration/fishing licences		●	●	●	●	●	●	●	●	●	DFAR	
O 1 R 3.2	Inspector training program		●									NIFNE	DFAR
O 1 R 3.3	Monitoring vessel activities		●	●	●	●	●	●	●	●	●	DFAR	
O 1 R 3.4	Prosecuting magistrates familiarised in fish law		●									DFAR	
O 1 R 3.5	Operating vessel communication systems		●	●	●	●	●	●	●	●	●	DFAR	
O 1 R 3.6	Operating a VMS system					●	●	●	●	●	●	DFAR	
O 1 R 3.7	MoUs with the Defence Ministry		●									DFAR	
O 1 R 3.8	Joint compliance agreements with other nations			●	●	●	●					DFAR	
O 1 R 3.9	Develop community MCS groups			●	●	●	●	●	●	●	●	NIFNE	DFAR/NFF
O 2 R 1	Food safety, product marketing and nutrition												
O 2 R 1.1	continuous and upgraded food safety training		●	●	●	●	●	●	●	●	●	NIFNE	DFAR
O 2 R 1.2	Inspector deployment		●	●	●	●	●	●	●	●	●	DFAR	
O 2 R 1.3	Strengthening the existing data base		●									DFAR	
O 2 R 1.4	Testing facilities upgraded		●									NARA	Others
O 2 R 1.5	Regulations upgraded in the Animal Disease / Feed Act		●	●								MFAR	DFAR
O 2 R 1.6	Register & evaluate aquaculture drugs and feeds		●	●	●	●	●	●	●	●	●	DFAR	
O 2 R 2	Post harvest standards improved on MDB												
O 2 R 2.1	Prepare guidelines for improved on board catch preservation		●									NARA	DFAR / Private sector
O 2 R 2.2	Fishers trained in post harvest handling		●	●	●	●	●					NIFNE	NARA/Private sector/NF
O 2 R 2.3	Quality extension officers engaged and trained		●									DFAR	
O 2 R 2.4	Financial packages available for quality investments		●									MFAR	
O 2 R 2.5	Extend vessel quality monitoring programme		●	●	●	●	●	●	●	●	●	DFAR	
O 2 R 3													

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○ 2 R 3.1	Prepare guidelines for improved on board catch preservation	•										NARA	CRC
○ 2 R 3.2	Fishers trained in post harvest handling	•	•	•	•	•						NIFNE	NFF
○ 2 R 3.3	Financial packages available for quality investments	•	•									MFAR	
○ 2 R 4	markets and inland fish markets upgraded												
	Guidelines set for fish market food safety standards & ice plants											NARA	DFAR
○ 2 R 4.1	Landing sites and markets upgraded	•	•	•	•	•	•	•	•	•	•	MFAR	
○ 2 R 4.2	Training/ Awareness/ workshops for Local Authorities	•	•	•	•	•	•	•	•	•	•	NIFNE	DFAR
○ 2 R 4.3	Training workshops on fisheries for Department of Health	•										NIFNE	DFAR
○ 2 R 4.4	Dept of Health Inspectors deployed		•	•	•	•	•	•	•	•	•	DAFR	DAFH
○ 2 R 4.5	Ice Plant upgrading	•	•	•								MFAR	
○ 2 R 4.6	Consumer Awareness on Quality and Safety	•			•					•	•		
○ 2 R 4.7	New Products												
○ 2 R 5	New products developed	•	•	•	•	•	•	•	•	•	•	CRC	NARA/ITI/Private sect
○ 3 R 1	Fishery Cooperatives strengthened											FSDD	
○ 3 R 1.1	Recruit & train more cooperative extension officers	•	•									FSDD	NIFNE
○ 3 R 1.2	Increase the no. of Fishery Cooperative Societies	•	•									FSDD	
○ 3 R 1.3	Strengthening existing FCS	•	•	•	•	•	•	•	•	•	•	FSDD	
○ 3 R 1.4	Expanding savings mobilization and micro credit programme	•	•	•	•	•	•	•	•	•	•	FSDD	Private sector / NFF
○ 3 R 1.5	Cluster development	•	•	•	•	•	•	•	•	•	•	FSDD	NFF
○ 3 R 1.6	Promotion of alternative livelihoods programmes	•	•	•	•	•	•	•	•	•	•	FSDD	NFF
○ 3 R 2	Conversion and expansion of tuna longline fleet												
○ 3 R 2.1	Introduce Pilot /demonstration vessels deployed	•	•									MFAR	
○ 3 R 2.2	Preparation of detailed technical inputs	•										NARA	
○ 3 R 2.3	Convert gillnet vessels to longliners	•	•	•								MFAR	
○ 3 R 2.4	Introduction high seas tuna long liners	•										MFAR	
○ 3 R 2.5	MDB / High seas Feasibility study and businrs plans	•										NARA	
○ 3 R 2.6	Provide fiscal incentives /loans for the conversion of gillnets	•	•	•	•							MFAR	
○ 3 R 2.7	Information systems on tuna	•										CRC	NARA/Private sector
○ 3 R 2.8	Upgrade 2 harbours		•	•	•	•	•	•					
○ 3 R 3	New fisheries developed												
○ 3 R 3.1	New fisheries identified		•	•								CRC	NARA/Private sector/ I
○ 3 R 3.2	Promote new fishing techniques		•	•								NARA	NIFNE
○ 3 R 3.3	Modular training for skippers mandatory	•	•	•	•	•	•	•	•	•	•	NIFNE	
○ 4 R 1.1	Sri Lanka's commercial shrimp sector strengthened												
○ 4 R 1.1	Conduct resource survey of disease free brood stock availability	•										CRC	NAQDA/NARA/Private
○ 4 R 1.2	Develop Best Management Practices / bio secure templates	•										CRC	NAQDA/NARA/Private

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○ 4 R 1.3	Monitor and control hatchery and farm activity	•	•	•	•	•	•	•	•	•	NAQDA	
○ 4 R 1.4	Promote diversification into polyculture/ Crop rotation systems	•	•	•							CRC	NAQDA/NARA/Private
○ 4 R 1.5	Promotion of organic / 'investment in people' extensive systems	•	•	•							CRC	NAQDA/NARA/Private
○ 4 R 1.6	Promote loan scheme related to upgrading standards	•	•	•							MFAR	
○ 4 R 1.7	Continually manage the Dutch canal system	•	•	•	•	•	•	•	•	•	NAQDA	
○ 4 R 1.8	Training curriculum developed for brackish water aquaculture	•									NIFNE	NAQDA
○ 4 R 1.9	Training of trainers	•									NIFNE	
○ 4 R 1.10	Farmer workshops	•	•								NAQDA	Private sector
○ 4 R 2	Seasonal / Perennial tank production expanded											
○ 4 R 2.1	Develop Business development models based on best practice	•									CRC	
○ 4 R 2.2	Training and extension support a further 500 ha seasonal tanks	•	•	•							NAQDA	
○ 4 R 2.3	Hatchery Business models developed	•	•	•							NAQDA	
○ 4 R 2.4	Access to finance	•	•	•	•	•	•	•	•	•	MFAR	
○ 4 R 2.5	Strengthening of CBOs	•	•	•							NAQDA	
○ 4 R 3	small scale freshwater aquaculture systems											
○ 4 R 3.1	Viable species identified	•	•	•	•						CRC	
○ 4 R 3.2	Hatcheries , Land based and water based nurseries and infrastructure facilities	•	•	•	•						MFAR	
○ 4 R 3.3	Hatchery models Business plans developed	•	•	•	•						CRC	
○ 4 R 3.4	Breeding technology and nutrition for new species	•	•	•	•						CRC	
○ 4 R 3.5	Test sites selected	•	•	•	•	•	•	•			CRC	
○ 4 R 3.6	Template input/output systems developed for extensive, semi intensive operations	•	•	•	•						CRC	
○ 4 R 3.7	NAQDA/ Private sector Extension officers and Technical officers engaged and trained	•	•	•	•						NAQDA	
○ 4 R 3.8	Training of extension officers/ of other institutions	•	•	•	•	•	•	•	•	•	NAQDA	
○ 4 R 3.9	Farmer workshops	•	•	•	•						NAQDA	
○ 4 R 3.10	Access to micro-credit secured	•	•	•	•	•	•	•	•	•	MFAR	
○ 4 R 3.11	Farmer groups/associations and strategic relationships formed	•	•	•	•	•	•	•			NAQDA	
○ 4 R 3.12	Product development and market promotion for local/export markets	•	•	•	•						CRC	
○ 4 R 4	Mariculture and inland cage culture expanded											
○ 4 R 4.1	Prepare input /output models for key species	•	•	•	•						CRC	
○ 4 R 4.2	Identify appropriate sites	•	•	•	•						CRC	
○ 4 R 4.3	Breeding and Culture technology and nutrition for new species	•	•	•	•						CRC	
○ 4 R 4.4	NAQDA/ Private sector Extension officers and Technical officers engaged and trained	•	•								NAQDA	
○ 4 R 4.5	Training of extension officers	•	•	•							NIFNE	NAQDA
○ 4 R 4.6	Farmer workshops	•	•	•	•	•					NAQDA	
○ 4 R 4.7	Access to grants/credit for farm investors	•	•	•	•	•	•	•	•	•	MFAR	
○ 4 R 4.8	Farmer groups/associations and strategic relationships formed	•	•	•	•	•	•	•			NAQDA	
○ 4 R 4.9	Product development and market promotion for local/export market	•	•	•	•	•	•	•	•	•	CRC	

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O 4 R 5	Aquatic plants and ornamental fish sector expanded												
O 4 R 5.1	Research projects into ornamental fish breeding plant tissue culture and live n	•											CRC
O 4 R 5.2	Template input/output systems	•											CRC
O 4 R 5.3	NAQDA extension officers engaged and trained	•											NAQDA NIFNE
O 4 R 5.4	Farmer workshops	•	•	•	•	•	•	•	•	•	•	•	NAQDA
O 4 R 5.5	Access to credit secured	•	•	•	•	•	•	•	•	•	•	•	MFAR
O 5 R 1	Coastal systems rehabilitated and enhanced												
O 5 R 1.1	Identification of potential problem areas and solutions	•	•	•	•	•	•	•	•	•	•	•	CRC
O 5 R 1.2	Protection, rehabilitation and enhancement of coastal protective structures	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 1.3	Coastal Resource quality improvements	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 2	Effective coastal management systems operating												
O 5 R 2.1	Five Year development of CZMP			•							•		CCD
O 5 R 2.2	SAM/APC management plans created, upgraded and implemented	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 2.3	Upgrading of standards and legal statutes to strengthen manage	•											CCD
O 5 R 3	Coastal control systems operating effectively												
O 5 R 3.1	Strengthening of compliance system	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 3.2	Application of Permit systems	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 3.3	Promoting participatory co management	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 4	Livelihoods of coastal communities improved	•											CCD
O 5 R 4.1	Creation of beach parks & recreational facilities	•											CCD
O 5 R 4.2	Sanitation improvements	•	•	•	•	•	•	•	•	•	•	•	CCD
O 5 R 4.3	Eco tourism development and alternative employment opportun	•	•										CCD