Mid Term Plan of Actions for 2021 -2025 Ministry of Fisheries and Aquatic Resources

01. Outcome: -Increased per capita fish consumption

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Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Explore untapped fishery resources	Number of new fish varieties	1	2	2	2	2	NARA	MF/SMF/DFAR/ NAQDA
Introduce new technology for sustainable fishing	Number of technology and systems, tools, gears, etc. introduced	50	150	175	200	225	DFAR	
		3	1	1	1	2	NARA	MF/SMF
		_	2	2	_	_	NAQDA	
ntroduce fish aggregating devices/artificial Reefs	Number of devices introduced /Locations	2	5	10	15	20	DFAR	MF/SMF
		2	1	1	1	2	NARA	7411 / 57411
Dramating large vessels with high to shool any (Fishing	Number of vessels introduced.	36	36	36	36	36		
Promoting large vessels with high technology (Fishing Gears/Winches/Fish Finders) in deep seas and high seas fishing vessels replacing the ineffective vessels	Number of older fishing vessels discarded	20%	20%	20%	20%	20%	CFHC/DFAR	MF/SMF/NARA/Cey-no
	Number of harbours provide bathing facility	20	25	50	100	150	CFHC	
Introduce collecting vessel system	Number of collecting vessels deployed and clusters established	-	2	4	5	6	DFAR	MF/SMF/ Public Private partnership with CFC
Conduct research on climate change impact on fisheries	Number of research papers	4	4	4	4	4	NARA	MF/SMF/DFAR/NAQDA Min.of environment/DMC
Promote aquaculture in hill country including estate sector	Fish volume in Mt	4	10	12	15	20	NAQDA	mf/smf/nara
Establish culture based fishery in abandoned paddy land	Fish volume in Mt	_	450	750	750	750	NAQDA	mf/smf/nara
Establish cage culture in rivers and perennial reservoirs	Fish volume in Mt	_	450	750	750	750	NAQDA	MFAR/NARA
Promote aquaculture parks	Number of parks	1	-	1	2		NAQDA	MF/SMF/My. Land My. Environment

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Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Preparation of zonal plan for aquaculture	Available zonal plan	2	2	3	4	5	NARA	My Environment
Introduce breeding and culture technology for high valued species	Number of species	_	1	2	3	_	NAQDA	NARA/MF/SMF
Develop low cost feed with high nutritional level	Feed quantity(Mt)	_	160	200	250	250	NAQDA	MF/SMF/NARA/ Private sector
romoting Investment in fishery sector	Number of investors	1	3	2	1	ı	CFHC	MF/SMF/DFAR/NARA/
Tromoning investment in listicity sector	.Number of new projects implementation	2	5	5	15	25	NAQDA	CFC/Cey nor
Introducing efficient approval process for aquaculture projects- One Spot Shop	Percentage of grievances and pattern of reducing	10	15	30	35	10	MF/SMF	NAQDA/ Other relevant institutions
	Volume of fish seed available - Crablets (Mn)	0.9	1.08	1.24	5.2	16.46	NACDA	AAE/CAAE/ Driverte ee eter
Take actions to make available of seeds of high valued species	sea cucumber (Mn)	1	1.4	3.2	10.4	11.7	NAQDA	MF/SMF/ Private sector
Diversification of the species(Sea Cucumber/Lobster/Mud	Increased volume for aquaculture (Mt)	2000	2500	3000	3700	4800	NAQDA	MF/SMF/DFAR/
Crab/Bivalves/ Sea urchin etc.)	Number of varieties	2	2	6	6	6	NARA	University
Promotion of fresh water fish farming including indigenous high valued Species	Volume of fish produced(Mt)	500	750	1000	1500	2000	NAQDA/ NARA	MF/SMF/DFAR/ University
Utilizing of unutilized land for aquaculture	area extent used for aquaculture (Ha)	615	420	949	268	1346	NAQDA	MF/SMF/My. Land My. Environment
Introduction of aquaculture in flood plain/Value etc.	Volume of fish produced in the areas (Mt)	_	2250	3000	3750	3750	NAQDA	MF/SMF
	No. of areas consigned	2	3	4	6	6	NARA	MF/SMF
	ino. of aleas consigned	_	2	4	1	ı	NAQDA	1411 / 31411
Improve genetic quality for high valued species	No.of Varieties	2	2	2	_	_	NAQDA	MF/SMF/ NARA

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Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Establishment of inter ministerial committee to address the issues and promotions related to aquaculture	Number of meetings	4	4	4	4	4	MF/SMF	NAQDA/ DFAR/NARA/ CFHC/CFC/Cey nor and Other Relevant institutions and Ministries
Establishment of extension unit	No. of properly functioning extension units	2	11	15	18	20	NAQDA	MF/SMF
Conduct awareness programmes for managers/govt.officers/	No.of awarness programmes conducted for officials, managers,govt.officers,fishers, boat	_	2	2	2	2	NAQDA	MF/SMF/NARA
fishers/boat owners/fish farmers through printing and electronic media	owners, fish farmers	30	30	30	30	30	DFAR	1411 / 5/411 / 1 W 11 W
Conduct awareness programmes through printing and electronic	No.of awarness programmes conducted	5	35	40	40	40	NAQDA	MF/SMF
Conduct skill development programmes	No.of skill development programmes	8	15	17	17	17	NAQDA	MF/SMF/NARA
		12	15	20	25	30	DFAR	1711 7 01711 7 1 7 1 1 1 1 1 1 1 1 1 1 1
Strengthening of CFC distribution network	No.of CFC stalls newly established	10	18	22	24	27	CFC	MF/SMF/DFAR
Decentralized cold room facilities- provincial/district level	Fish volume increased in Mt	380	1000	1200	1300	1500	CFC	MF/SMF/DFAR/Private sector
Establish linkage with all supermarket channels	Volume of fish provided to the super markets	300	900	1100	1200	1400	CFC	MF/SMF/EDB
Providing facilities for fish vendors	Number of venders obtained the facilities	750	800	850	950	1000	CFC	MF/SMF/DFAR/ NARA
Decentralizing ice production facilities- provincial/district level	Number of ice factories established	2	1	2	2	2	CFC	MF/SMF/DFAR/ NARA/Private sector
	Number of farmers trained (Aquaculture and	30	80	80	80	80	NARA	MF/SMF/DFAR/ Ocean
Providing trainings for new and existing farmers	ornamental fish industry)	720	1600	1700	1800	1900	NAQDA	University
Modernization of all existing fishery Harbours and construction of new fishery harbours if needed, to enable entry for large - scale and multi-	Number of excisting fishery harbours	12	13	14	15	16		
day fishing craft	Number of construction of new fishery harbours	1	1	2	2	2	CFHC/Harbour Project	mf/smf/dfar
Development of the fishery harbour in oluvil into one with facilities for operation of large-scale boats	Percentage of increase stranderd of quality improvement of fish	4%	10%	13%	15%	18%	CFHC/Harbour Project	MF/SMF
Development of facilities to construct large multi-day fishing craft	No.of Multi day boats constructed	2	6	6	6	6		
and for maintenance of such craft in an area close to the trincomalee harbour	Number of multyday boats maintained	5	7	10	12	15	Cey-nor	MF/SMF
Provision of low interest loans, tax benefits and insurance cover facilities, and consultancy and market coordination assistance to promote expansion and development of fish population in internal water bodies, and cultivation of shelfish like prowns and oyster, sea urchins and sea cucumber, and aquarium fish etc.	No.of investors invested	4	5	7	10	15	NAQDA/DFAR	mf/Smf/nara/b01

02. Outcome: - Reduced post harvest loss

Programme / Project	КРІ		Tir	ne Fran	ne		Responsibility	Collaboration
riogianine / riojeci	KFI	2021	2022	2023	2024	2025	kesponsibility	
Providing appropriate technology for aquaculture	Number and type of technology introduced	2	2	2	2	2	NARA	MF/SMF/ Universities
	Trombol and type of feetinelegy inflicaced	_	5	5	5	5	NAQDA	1411 / 61411 / 61114 61311163
Providing financial assistance for value added industries	Number of industries established	4	5	7	10	15	MF/SMF	MF/SMF/DFAR/ NAQDA
Establishing proper market channel for value added products	No.of value added products and their	1	1	2	1	1	CFC	MF/SMF/DFAR/NARA
		1	2	2	2	2	NARA	MF/SMF/Ceynor
Developing existing fishing techniques with new technology	Number of introduced new fishing technologies	_	5	5	5	5	NAQDA	
		-	2	2	2	2	DFAR	
Carrying out research on new fishing techniques, regulating existing	Number of researches findings on new	4	4	4	4	4	NARA	MF/SMF/NAQDA/CFHC/
Introduction of large fishing vessels with modern cold room facilities	Number of vessels introduced.	-	50	100	250	500	MF/SMF/DFAR	NARA/CEY-NOR/Private sector
Encouraging private sector to launch vessels more than 55 ft. in length with RSW or CSW	Number of vessels introduced.	_	50	100	150	200	MF/SMF/DFAR	DFAR/ NARA/Cey- Nor/Private sector
Identification of fishing ground by using modern technology	Number of fishing ground identified	2	6	8	8	2	NARA	MF/SMF/DFAR
Using forecasting technology for modern fish finders	Volumes of fish increased (Mt)	96	96	96	96	96	NARA	MF/SMF/DFAR/Universitie
Promoting ice production using quality fresh water	Percentage of ice produced incresed	_	_	5%	5%	5%	CFC/PPP	MF/SMF/DFAR/ NARA/CFHC
Continuously checking water quality for ice production by authorities	Percentage of ice produced incresed	5%	5%	5%	5%	5%	CFC/PPP	MF/SMF/DFAR
Improve Hygienic conditions of landing sites, anchorages & harbors	No.of improved Hygienic facilied establishment	50	100	150	250	350	DFAR /FHC /MF/SMF	MF/SMF/DFAR/
Adhering local and international rules and regulations	Percentage of increase stranderd of quality improvement of fish	25%	35%	60%	70%	85%	MF/SMF/DFAR	nara slsi
Conveyer System and suitable conveyers to be installed	Number of conveyers deployed	1	2	2	7	7	CFC/CFHC/ DFAR	MF/SMF
Introducing proper transportation system with blast freezing (-60 ℃)	No.of cold rooms with established blast freezing and No. of harbours System	_	1	1	1	1	CFC	mf/smf/dfar
Facilities	established	1	1	1	1	1	CFC/CFHC	7411 7 51411 7 517 11X
Introduction of HACCP System for all Harbors	No. of harbours System established	_	_	1	1	1	CFC/DFAR	mf/smf/nara
ntroduction of HACCP System for all Harbors	170. OF Harbours System established	_	1	1	1	1	CFC/CFHC/DFAR	1411 / 21411 / 144KV
Taking actions to fulfill the HACCP criteria	System established	-	-	1	1	1	CFC/CFHC	mf/Smf/nara/dfar

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Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Developed of File are 9. Delivide area from a Harris are	Number of harbours		2	4	4	10	CFHC	NADA
Removal of Fiber & Polythene from Harbors	Quality of the environment	_	25%	25%	25%	25%	DFAR/CFHC/MF/ SMF	NARA
Improve the Hygienic Conditions of retails outlets and introducing proper monitoring system	Number of high quality outlets	2	3	4	5	8	DFAR/ CFC/MF/SMF	NARA
troducing a proper auction system	System established	1	1	1	1	1	CFC	MF/SMF/NARA/DFAR/NA
	, , , , , , , , , , , , , , , , , , , ,	_	_	5	5	10	CFHC/CFC	QDA
		2	1	1	1	1	CFC	145 (C) 45 (N) 4 CD 4 (D5 4 D
Introduction of Locker Cold Room private sector to be involved	Number of cool rooms	_	_	4	4	_	CFHC/CFC	MF/SMF/NAQDA/DFAR
improve quality infrastructure facilities in the production chain	number of fishery harbours with quality infracture	_	1	1	2	2	CFHC/CFC/NAQD	MFAR/NARA
Develop awareness on best fish handling practices	Number of awareness and people involved	50	200	200	200	200	NARA/DFAR/ CFHC/CFC	MF/SMF
Build-up of all fishery harbours, jetties and places where caught fish is unloaded into centres equipped with modern communication	No.of Green Fishery Harbor concept applied	_	4	5	6	5	CFHC/Harbour Project	MF/SMF
Commencement of and interest free loan scheme through the ministry of fisheries to enable fishing industry workers to bring their	No.of Multidays boat with develop facilities	3	6	6	6	6	DFAR/Cey-nor	MF/SMF
A broad based programme to be commenced jointly by the fisheries community associations and the National Aquaculture Development	No.of breading centers established	2	2	3	3	4	NAQDA	MF/SMF/DFAR/SDD/Cey- nor
Introduction of small scale mobile truck to transport fish and retail business	No. of mobile trucks introduced	100	100	100	100	100	DFAR/CFC	DFAR
Improvement of Rerigerator facilities in multiday vessels in order to minimize post larva losses	No. of multiday boats introduced	50	100	150	200	250	DFAR	DFAR

Programme / Project	KPI		Tiı	me Fran	ne		Posponsibility	Collaboration
riogiamme / riojeci	KF1	2021	2022	2023	2024	2025	Responsibility	Collaboration
Control the number of new fishing vessels constructed by allocating quotas to boatyards to prevent possible overcapacity of the local fishing fleet. (This quota will not be applicable for vessels constructed	Number of vessels	2	6	6	6	6	DFAR/ CEY- NOR/CFHC	MF/SMF/Private Sector
Discourage and reduce the use of uneconomical and substandard	Number of vessels	36	36	36	36	36	CFHC	MF/SMF/ NARA
fishing vessels	Inothibel of vessels	20	80	80	80	80	DFAR/Cey-nor	IVII / SIVII / INAKA
Conduct awareness programs among fishers, fish handlers, distributors to Develop Knowledge and awareness on Scientific fish handling	number of awareness programme	_	5	5	5	5	DFAR /NARA/ NAQDA	MF/SMF/CFHC
Continue subsidy scheme to install / improve onboard cooling	Number of boats with cooling system	2	6	6	6	6	Cey-nor	MF/SMF/ CFC/DFAR
facilities	Inditibel of bodis with cooling system	_	50	100	250	500	DFAR/Cey-nor	MI /SMI / CI C/DI AK
Make awareness programs for boatyards on onboard fish quality maintenance	Number of progarammes	_	5	7	9	12	MF/SMF/DFAR/C FHC	NARA
Introduce adequate portable water supply in fishery harbors and landing sites.	No.of fishery harbors & landing sites with portable water supply	10	25	35	40	45	DFAR	
		3	5	6	6	7	CFHC	Local Authorities
Install waste disposal systems for fishery harbors and landing sites	Number of harbors with new system	2	2	3	3	3	CFHC/DFAR	Local Authorities
Conduct awareness programs for harbors staff on fish quality maintenance	Number of programmes	2	3	3	3	4	CFHC/ DFAR	MF/SMF/NARA
Improve quality infrastructure in fishery harbors (fish unloading, fish handling equipments, Ice supply & etc.)	Number of harbors with quality infrastructure	2	3	3	3	4	CFHC/DFAR	MF/SMF
Improve sanitary facilities in fishery harbors	Number of fishery harbors with developed sanitary facilies	2	3	3	3	4	CFHC	NARA/MF/SMF/DFAR
Introduce regulations on fish quality maintenance in the all parts of supply chain	Number of regulations	_	1	1	ı	ı	MF/SMF/DFAR/N	MF/SMF/ My.Health
Introduce regulations on fish market and sales points	Number of regulations	_	1	1	-	_	ARA/CFC	MF/SMF/MEPA
Establish PPP Ice plants	Number of ice plants	_	2	2	3	3	CFHC/CFC/ NARA	MF/SMF/Ministry of Health/ Private sector
Conduct awareness program on the use of ice and quality improvement of ice	Number of programmes	2	3	3	3	4	DFAR/CFC/ NARA/CFHC	MF/SMF
Action to be taken to develop refrigeiration sysems using sea water for mulri-day fishing craft and two encarage the use of solar power in such equipment	No. of boats introduced new technology	0	2	2	2	2	DFAR/NARA/Cey -Nor/Northsea Pvt Ltd.	MF/SMF/CFC/ CFHC

03. Outcome : - Generated Employment Opportunities

Programme / Project	KPI			<mark>me Fran</mark>			Responsibility	Collaboration
Trogrammo / Froject		2021	2022	2023	2024	2025	жоороноши	- Condition and the
Introduce subsidy scheme to promote long line fishery	No.of long line fisherman introduced	_	150	200	250	300	MF/SMF/DFAR	CHFC/My. Finance
Expansion of current operation In CFC	No. of employments generated	20	60	60	60	60	CFC	MF/SMF/CFC
		_	-	ı	ı	_	CFHC	
Introducing Over 55 feet Fishing vessels to reduce Post Harvest Losses	No.of long line fisherman introduced	0	2	2	2	2	Cey-Nor	MF/SMF/CFHC/ DFAR/ Cey-Nor
	No. of boats introduced	_	5	20	50	100	CFHC/DFAR/ Cey-Nor	Cey-1101
Enhance of boat Yard Operation at Karinagar and appropriate	No. of employments generated	15	15	15	15	15	Cey-Nor	MF/SMF/Cey-Nor
Establishing Aquaculture park/ Crab cities	No. of employments generated	35	75	150	250	450	NAQDA	MF/SMF/CFC
Development of Mari culture	No. of employments generated	200	200	100	100	100	NARA	mf/smf/naqda
Development of Man Condie	ino. di employments generalea	2600	3000	3000	4000	6500	NAQDA	MITSMITHAQDA
Use of untapped reservoirs/water bodies / lands for culture based fisheries	No. of reservoirs	4	5	8	10	12	DFAR/NAQDA	MF/SMF/DFAR/ NAQDA
Implementation of Fisheries Harbour Villages	No. of habours developed	1	1	2	2	2	DFAR/CFHC	MF/SMF/ CFHC
Establishment of new harbors and anchorage in critical areas	No. of habours and anchoraged developed	1	1	2	2	2	CFHC	MF/SMF/ CFHC
		250	500	1000	1500	2000	DFAR	
Community based Livelihood Development	No. of employments generated	804	203	203	203	203	MF/SMF/DFAR/ NAQDA/NARA/ Cev-Nor	MF/SMF/DFAR/ NAQDA
Promote ornamental fish as an industry	No. of employments generated	600	500	750	500	500	NAQDA	MF/SMF/ NAQDA/NARA / EDB
Promote communities to commence business activities targeting tourists	No. of employments generated	100	300	500	750	1000	MF/SMF/DFAR/ NAQDA/CFHC	MF/SMF/NARA/ NAQDA
Continue to implement the poverty alleviation programmes such as "		400	800	1200	1600	2500	DFAR	
Wewak samaga Gamak - a Village with a Reservoir", that provides livelihood	No. of employments generated	50	50	50	50	50	NAQDA/ NARA	mf/smf/naqda
Promote public – private partnerships (PPPs) in the sector.	No. of employments generated	50	150	200	250	300	DFAR	MF/SMF/NAQDA/ CFC/ NARA/CFHC
, ·		300	500	1000	1500	2000	DFAR	MF/SMF/ Provincial Council IDB, Ministry of
	No. of employments generated	10860	11000	13000	9000	12500	nara /mf/smf/naqda	Industries /Ministry of Primary Industries
Exploit Untapped Resources in Reservoirs, Lagoons and Sea	No. of employments generated	5000	6000	8000	8260	9000	NARA/DFAR/NA QDA	MF/SMF/CFHC/ CFC

Programme / Project	KPI		Tir	me Fran	ne		Responsibility	Collaboration
riogianine / riojeci		2021	2022	2023	2024	2025	Responsibility	Conaboration
Develop value addition products using fisheries bi products	No. of employments generated	110	225	340	400	425	NARA/MF/SMFDF AR/NAQDA	MF/SMF/ ITI
Identify and develop necessary infrastructure facilities in the fisheries sector in the war effected area	No. of employments generated	300	1000	2000	3000	3500	NARA/CFC/MF/S MF/ DFAR/QDA	Provincial Councils District Secretariats
		3	5	5	5	5	CFC	
Identification and implementation of capacity building programmes	Number of programmes conducted	10	20	30	40	50	NARA/MF/SMF/D FAR/NAQDA/CF C/CFHC	MF/SMF
Established a database through MCS in the Ministry	database established	50	75	100			DFAR	MF/SMF
Establishment of proper monitoring mechanism	Mechanism established	50	75	100	-	_	NARA/MF/SMF/D FAR/NAQDA	nara/mf/smf/dfar/na Qda
Implementation of a programme of technical and managerial training in fishery activities for the youth using facilities in the ocean university with the intention of development of a class of entrepreneurs in fishing industry	No.of completed paticipants in programmes for entrepreneurs in fisheries	100	150	175	210	250	CFHC/DFAR/NA QDA/NARA	MF/SMF/ Ocean university
Development of systems of pricing of fish product so that both producer and consumer achieve a fair deal, using the fisheries corporation together with community based organisations among the fishing community	No.of CFC stalls established together with CFC and community based organization	10	18	22	24	27	CFC	MF/SMF/ Community based organization
Establishment of large scale whole sale shops (Kurunagala, Kandy, Bandaraela,Rathnapura and Anuradapura)	No. of wholesale outlets established	1	1	1	1	1	DFAR/CFC	MF/SMF
Introduction of training programs of long line fisherman	Providing basic equipments and technical traning	350	400	400	400	400	DFAR	MF/SMF
Increasing the no.of long multiday fishing vessels	No. of long line multiday boats	50	100	115	130	135	DFAR	MF/SMF/Ceynor
Introduction of long lines instead of Gill net	No. of long line fisherman	150	170	200	300	350	DFAR	MF/SMF/Ceynor/Norh Sea

04. Outcome: -Improve quality of life of the fisher community

Programme / Project	KPI		Tir	me Fran	ne		Responsibility	Collaboration
and gramme , everyone		2021	2022	2023	2024	2025	,	
Revisit organizational mandates to accommodate the sector integration	System adapted	25	50	75	100	-	NARA / MF/SMF/DFAR/N AQDA/CFC	NARA / MF/SMF/DFAR/ NAQDA/CFC
Establish or empower relevant institutes to address sector based foreign job opportunities with valid certification and affiliate with relevant recognized worldwide	No. of foreign employment s generated	150	270	320	450	500	1F/SMF/DFAR/CFH	MF/SMF/Ministry of Foreign Affairs, Foreign Employment Bureau
		15	25	50	75	90	DFAR	145 (S) 45 (N) 4 OD 4 (N) 4 D 4
increase income level through enhanced fish production	precentage Income level	21	14	26	24	23	NAQDA/DFAR	MF/SMF/NAQDA/ NARA
Enhance quality of Fish (Handling, Landing, Transport, Storage and Processing)	precentage Of reduced post- harvest losses	5%	5%	5%	5%	5%	CFC/CEY- NOR/CFHC/DFAR	MF/SMF/CFC/CEY- nor /CFHC/NARA
Introduction of new Technology (Fishing gears, methods, Storage,	No.of Introduction new Technology	5	5	5	5	5	Cey Nor	MF/SMF/CFC/CFHC
Processing etc.)	No. of fishing gears	80	150	175	200	225	DFAR/North Sea	1VII 731VII 7CI C/CITIC
Awareness of fishing grounds	No.of New Fishing Boats increased	16	25	50	75	100	DFAR/NARA	MF/SMF/DFAR/ NARA
Introduction of Aquaculture, seaweed culture, pen and cage culture etc.	No. of units / benifisheries	1500	1440	2550	1300	3180	NAQDA	MFAR/NAQDA
	No.of event releated eco-tourism	1	1	2	2	2	CFHC	MF/SMF/DFAR/ NAQDA/
motion of eco-tourism	No. of job opportunities	30	50	100	150	200	DFAR/NAQDA/C FHC	CFHC/SLTDA/Tourism Board
Promotion of value added product development specially focusing women	No. of value added product	3	5	10	15	20	DFAR	MF/SMF/DFAR
Introduction of Rewarding systems for Fishers	No. of Reword	5	10	15	20	20	DFAR	MF/SMF/DFAR

Programme / Project	KPI		Tin	ne Fram	ie		Responsibility	Collaboration
Programme / Project	RFI	2021	2022	2023	2024	2025	kesponsibility	Collaboration
Development of revolving funds by fisheries society	No.of fisheries Societies with developed revolving funds	25	50	100	200	300	DFAR/NAQDA	MF/SMF/DFAR/ NAQDA
Establishment of Districts Fisheries Committees	No.of increased District fisheries committees	3	5	10	15	_	DFAR/NAQDA	MF/SMF/DFAR/ NAQDA
Establishment/Strengthening of Lagoon /Reservoirs management committee	No.of Management Commitees established	5	10	15	20	25	DFAR/NAQDA/N ARA	MF/SMF/DFAR/CCD/ NAQDA/Lagoon Project/Ministry of Environment
Promote equal opportunities for women's participation in the activities of the sector	No.of Women participated	100	115	120	125	130	DFAR/ NAQDA	mf/smf/naqda
Provide social and physical common infrastructure facilities and utility services for fisher villages	No.of Social and physical common infrastructure facilities developed in fisher villages	17	50	75	100	125	DFAR/NAQDA	MF/SMF
Improve the social safety net for the fisher and aquaculture farmer communities	No.of fisher get benefits	5000	10000	20000	30000	40000	DFAR/NAQDA	MF/SMF
Protect the rights of traditional, migrant, subsistence and artisanal fisheries	precentage of reduction of the rights of traditional, migrant, subsistence and artisanal fisheries	6	9	12	25	35	DFAR/NARA/ NAQDA	mf/Smf/nara/naqda
Strengthen the fisheries forecasting system using satellite data and other data for fishers to obtain information on locations for productive fishing.	No.of fishermen using satellite data on locations for productive fishing	120	200	240	250	300	NAQDA/NARA/ DFAR	mf/Smf/nara

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Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Control the number of new fishing vessels constructed by allocating quotas to boatyards to prevent possible overcapacity of the local fishing fleet. (This quota will not be applicable for vessels constructed for export.)	No. of New fishing vessels constructed	2	6	6	6	6	DFAR/CEY-NOR	MF/SMF
Discourage the use of uneconomic and substandard fishing vessels.	No. of substandard fishing vessels	20	50	100	200	400	DFAR/ NAQDA	MF/SMF/Cey-nor
Ensure safe, healthy and fair working conditions at sea and on land in accordance with internationally agreed standards.	No.of reduced accidents	5	15	20	25	30	DFAR/NAQDA	MF/SMF/Cey-nor
No.of newly Intrduced intensive aquaculture Renderer	precentage of expansion of aquaculture	10	25	30	40	45	NAQDA	MFARD/ Ministry of Environment
Optimally utilize all available and suitable internal water-bodies for inland fisheries	No.of percentage of ulitizated internal water- bodies for inland fisheries	10	16	19	24	30	NAQDA	MF/SMF/ Ministry of Environment
Development of a programme to involve women in fishery related household industry through fishery cooperatives	No.of women involved in fishery related industries	115	120	125	130	135	DFAR/NAQDA//N ARA	MF/SMF
Introduction of a productive insurance scheme for the fishing community	No.of fishermen insured	175	250	275	295	320	DFAR/NAQDA	MF/SMF/DFAR/NAQDA
Improving fisheries housing facilities	Application has been given	500	1000	1000	1000	1000	DFAR	MF/SMF
Improving security facilities	Application has been given	500	500	500	500		DFAR	MF/SMF
ainfrastructure facilities in fisheries villages (landing sites access road Beacon lamp)	No. of villages developed	10	10	5	5	5	DFAR	MF/SMF
Ammendment to the fleet development plan	Improved fleet Development Plan It is being						DFAR	MF/SMF
Fisheries social protection programmes introduction of a fisheries pension scheme	No. of fishermen joined pencion scheme	1500	3,000	5,000	6,000	7,000	DFAR	MF/SMF
Creating a new fisheries fund	precentage of shedule to be drafted	25%	35%	40%			DFAR	MF/SMF
Marking fisheries insuarance compulsory	No. of Fishermen insured	1500	3000	5000	6000	7000	DFAR	MF/SMF

05. Outcome: - Increased foreign exchange

Programme / Project	КРІ		Ti	me fram	ne		Responsibility	Collaboration
		2021	2022	2023	2024	2025		
Branding Sri Lankan Tuna as "Ceylon Tuna"	percentage of increasing and banding	5%	20%	20%	20%	20%	CFC	DFAR/ NAQDA /NARA/ Private Sector
Process & Export the Fish to world market	percentage of increasing and export marketing share	2%	5%	7%	8%	10%	CFC	NARA/DFAR/NAQDA/ Private Sector
Establishment of Aquaculture /industrial parks in potential areas	No.of parks established	1	1	1	2	2	NAQDA	MF/SMF/ Private Sector
Establishment of extention units	No.of extention units established	2	5	5	15	25	NAQDA/DFAR	MF/SMF
Establishment of beech-de-mar export village	No.of beech -de-mar village established	1	1	1	2	2	DFAR	DFAR/NARA/MFAR
Introduce value addition to fisheries products (sea weed, sea cucumber, etc)	No.of value added products newly introduced for firign market	2	2	2	2	2	DFAR/NARA/ NAQDA	MF/SMF/ITI/Private sector
Promote & expand the Shrimp aquaculture	Volume of Shrimp Production (Mt)	12860	16600	24960	32500	41440	NAQDA	MFAR/NARA/ Private sector
Promote investments in export-oriented fisheries and aquaculture projects	No.of export oriented aquaculture projects established	1	1	1	2	1	DFAR/NAQDA/ NARA	MF/SMF
Promote the production of fish food safety and quality standards acceptable in the international market	percentage of increase of the production of fish food safety and quality	10	25	30	35	40	DFAR/NARA/NA QDA	MF/SMF
Promote the import and culture of new exotic species that have the potential for export	percentage of increase in export market and culture of new exotic species	2%	2%	2%	4%	4%	NAQDA	MF/SMF/NAQDA/ National Plant Quarantine service
Promote the export of live ornamental fish and aquatic ornamental plants	percentage of increase market share in export market of ornamental fish and plants (export income USD MN)	22	25	27	30	33	NAQDA	mf/smf/naqda
Promote a ,market driven production of fisheries and aquaculture products	percentage of increase of fisheries and aquaculture products	5%	10%	10%	20%	20%	CFC	MF/SMF/NARA
Promote the eco-friendly or organic production of fisheries and aquaculture products for the international market	percentage of increase of eco-friendly organic production and aquaculture	5%	7%	10%	12%	15%	NAQDA/DFAR	mf/smf/nara
Provide assistance for branding of Sri Lankan fish and acorie resources related products	No.of srilankan product branded	1	2	2	2	3	NAQDA/DFAR	MF/SMF/CFC

	Way.		Ti	<mark>me fram</mark>	ne			Collaboration
Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	
Promote the construction of fishing boats, recreational boats and other boats for export	No. of boat,recreational boat and other boat production for export	1	3	3	3	3	Cey-Nor	MF/SMF
Use remote sensing technology for fishing	Percentage of boats with remorte sensing facilities increased	5%	10%	15%	17%	20%	NARA, DFAR	MF/SMF
Use fish finders in fishing	Percentage of fishers use fish finding in fishing increased	10%	16%	22%	26%	30%	DFAR/NARA	MF/SMF
Conduct studies on fishing grounds	No. of studies on fishery grounds	2	2	2	3	3	NARA	NARA /MF/SMF
Studies on oceanographic conditions, etc upwelling	No.of sudies on oceanographic conditions, etc.	2	2	2	3	3	NARA/ DFAR	NARA/ MF/SMF/DFAR
Awareness of fishermen on sustainable fishery practices	presentage of usage of fisherman on sustainable fishery practices increased	15	30	60	85	100	NARA/DFAR	MF/SMF /NARA/CFC/ NAQDA
Introduce proper handling practices	presentage of decrease post harvest loss	5	10	15	20	25	NARA/DFAR/MF/SM F	nara/dfar/mf/smf
	No.of program conducted	2	10	15	20	25	CFC	ME/CME/OFILO
Conduct training and awareness of fish handling		150	500	1000	2000	3000	DFAR/NAQDA/ NARA	MF/SMF/CFHC
Production of least cost good quality ice with participation of private sector	% of increasing production of quality Ice	7	12	20	25	30	DFAR/CFC/ NARA	MF/SMF/ CFHC
Zoning for Aquaculture	Percentage of HR identifing for zonal mapping	5%	7%	10%	15%	20%	NARA/ NAQDA	MF/SMF / NAQDA
Develop modern technological hatcheries with PPP	No. of hatcheries newly establed with modern technology	1	2	3	3	3	NARA/NAQDA	MF/SMF/DFAR/ Private sector
Establish aquaculture industrial park	No. of aquaculture industrial parks establshed	1	-	1	2	_	NAQDA	MF/SMF/Private sector/Ministry of Land, Environment wild life
Introduce new high value species	No. of increas new high value species	_	-	2	3	_	NARA/NAQDA/ DFAR	MF/SMF
Increase investment promotions for fisheries , Aquaculture Sector and Fishery relatde Tourism	No.of investers	2	5	5	15	20	DFAR/NAQDA	MF/SMF/BOI/Private Sector
Conduct disease surveillance surveys on high demand aquaculture species	No.of surveys conducted		1	1	1	1	NARA/NAQDA	MF/SMF/DFAR

Introduce of Product Divercification	No. of introdused diverse products	1	1	1	2	3	NARA/NAQDA	DFAR/MF/SMF/ITI
Conduct value chain analysis of exported oriented species	No.of value chain analysis of exported oriented species	1	1	1	2	2	NARA/NAQDA	MF/SMF
Conduct & participate in internationaal exhibitions & fair	No. of events participated	1	5	7	9	12	DFAR/NARA/NAQD A/CFC/Cey-nor	MF/SMF
Establish Bilateral trade agreements with land lock countries	No.of Bilateral trade agreements with land lock countries	1	1	1	2	2	nara/ naqda /mf/ Smf	NARA/NAQDA/ DFAR/CFC/CFHC/Cey- nor
The acquisition of a number of advanced multi-day fishing boats equipped with modern technical and operatioal facilities ti Identify	No.of well developed multiday Boats owned	ı	_	ı	_	_	CFHC	MF/SMF and its related
areas in deep sea with large concentrations of fish to enable domestic fishing companies to expand fishing in international seas	by fisheries company	2	6	6	6	6	Private Sector Partnership	agencies
Provision of facilities in terms of land, investment funds, and technical assistance to private companies and entrepreneurs to expand production of canned fish	No.of ppp join venture applied	1	2	2	3	3	Public Private Partnership	Private Sector / MF/SMF/ DFAR/ NARA
Popularizing Aqua culture farming (Sea cucumber, Sea bass, Crabs)	No. of Farming of sea bass in Negambo,Puttalam,batticalo	100	100	100	100	100	DFAR/NAQDA	NARA

06. Outcome: - Ensure long-term sustainability of the fisheries industry

	KO		Tiı	ne fram	ne			Collaboration
Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	
Promote recreational fishing targeting for eco tourisum in the private sector	Presentage of recreational fishing increased	5	10	15	20	25	DFAR/NAQDA	Tourist Board/MF/SMF/ CFHC/Cey-nor
promote sales outlets and seafood restaurants in the government and private sector	percentage of sales outlets and seafood restaurants increased	10	12	15	17	20	NAQDA/CFC	mf/smf/dfar
Stock assessment of economic and edible fish spices identified	No.of identified economic and edible fish spices	1	1	2	2	2	NARA/DFAR/ NAQDA	NAVY, Coast Guard/ MF/SMF
Declared closed seasons & closed Areas	No.of closed seasons / years No.of naved square miles for closed areas	1	2	4	6	8	DFAR/NARA	NAVY Coast Guard/MF/SMF
Drafting of regulation according to the stock assessment survey	No.of newly implemented regulations according to the stock assessment survey	1	1	1	1	1	NARA/DFAR	MF/SMF/NARA/DFAR
Promote harvesting of underutilized and unutilized fish resources	presentage of harvested underutilized and unutilized resources increased	-	-	5	10	20	DFAR/NAQDA	MF/SMF/NARA
Implementation of community based management measures	No. of community Management socities established	20	50	100	150	200	DFAR/NAQDA	NARA/MF/SMF
Introduction of fisheries zoning programme	No.of fisheries zoning plans identified	2	2	2	2	2	DFAR/NARA/NA QDA	MF/SMF
Implementation of fish stock enhancement activities such as fish aggregating devices, fish fingerlings and artificial reefs etc.	No.of fish stock enhancement activities implemented	2	5	10	15	20	NARA/DFAR/NA QDA	NAVY Coast Guard/ MF/SMF
Prohibition of illegal fishing gears and methods (Use of explosive)	presentage of reduction of illegal fishing gears and methods , No. of incidents raided	30	25	20	15	10	DFAR/NAQDA	MF/SMF/NARA
Effective implementation of regulations	presentage of reduction of breach of regulation	15	25	35	45	50	DFAR/NAQDA/C FHC	MF/SMF/NARA

Programme / Project KPI			Ti	<mark>me fram</mark>	ne ne		Doon one ibilib	Callabaration
Programme / Project	KPI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Encourage fishing communities be vigilance to obtain information about fishing grounds	percentage of fishermen used fishing ground information increased	5	10	20	30	50	DFAR/NAQDA	MF/SMF/NARA
Introduction of environment friendly selective Fishing Gears	percentage of using environmental friendly Fishing Gears increased	5	10	25	35	45	DFAR/NAQDA	MF/SMF/NARA
Introduction of alternative livelihood programme to reduce massive fishing pressure	No.of alternative livelihood programmes implemented	5	15	25	35	45	DFAR/NAQDA	MF/SMF/NARA/CFC/CFH C
Establishment of data base and management system for planning and management	No.of data base and management systems	1	1	1	1	1	NAQDA/DFAR/ NARA/CFHC/CF C/CEY- NOR/NOTH SEA	MF/\$MF/CFC/CEY- nor
Strengthen the PPP to reduce the state interventions for financial commitment gradually	No. of PPPs implemented	3	3	3	3	3	NAQDA/DFAR/N ARA/CFC/CFHC/ Cey- nor/Northsea Pvt Ltd.	MF/SMF

Programme / Project	KPI		Ti	<mark>me fram</mark>	е		Responsibility	Collaboration
Programme / Project	KFI	2021	2022	2023	2024	2025	Responsibility	Collaboration
Promote responsible fisheries	% of reduction of culprit	10	16	24	30	20	DFAR/NAQDA	MF/SMF/NARA
Enhance the stocks of endangered, threatened and protected species.	No.of endangered species breed and stocked	2	2	3	3	3	DFAR/NAQDA/ NARA	MF/SMF
Enhance fish stocks in the territorial sea and the exclusive economic zone (EEZ) by ranching and habitat enhancement	area of introduce increase ranching and habitat enhancement (square meters)	0.1	0.1	0.1	0.1	0.2	NARA/DFAR	NAVY / MF/SMF
introduce the sustainable environment friendly vessels fishing in lagoon and stuaria	Precentage of eco friendly vessesIs increase	2%	2%	5%	4%	5%	DFAR / NAQDA	MF/SMF/NARA
Divert marine fishing efforts from over-exploited areas to unexploited or under-exploited areas	% of fish catch from under exploited areas	2	2.5	3	4	4.5	DFAR/NAQDA/N ARA	MF/SMF
Promote use of fishing practices and materials with no or minimum adverse impacts on the environment	presentage of increase of the fishing practices and materials with no or minimum adverse impacts on the environment	10	25	35	45	55	DFAR/ NAQDA	MF/SMF

		3	3	3	3	3	CEY - NOR	
limit the new access only to fishing vessels over 55ft having facilities on board for quality maintenance of fish catch.	No.of increased the access of 55ft facilities vessels	1	4	5	7	12	DFAR/CEY - NOR/NARA/North sea Pvt Ltd.	MF/SMF
maintain the ban of fishing in Sri Lanka waters by foreign fishing vessels except for fish resources in EEZ hitherto unexploited or underexploited by local fishing vessels	presentage of reduced fishing by foreign vessels in sri Lanka waters	3	5	10	15	20	DFAR/NARA/ CFHC	MF/SMF/ Ministry of foreign affaris
Apply temporal and spatial planning in development of aquaculture.	presentage of increased of targeted harvest in aquaculture	2	4	7	10	13	NAQDA	Dpt. Of Agrarian Service/MF/SMF/Dpt. Of Irrigation
Promote the use of best management practices (BMPs) in aquaculture.	No.of list of BMPs for different aquaculture systems implemented	1	2	2	2	3	NAQDA	Dpt. Of Agrarian Service/MF/SMF /Dpt. Of Irrigation
Programme / Project	KPI		Ti	me fram	ne		Responsibility	Collaboration
		2021	2022	2023	2024	2025	кезропышу	Condition
Strengthen the co-governance and management processes.	No.of co-management plans established	2	2	2	2	2	DFAR/NAQDA	Dpt. Of Agrarian Service Dpt. Of Irrigation
Develop human resources required for governance	% of skilled human resources						DFAR/NAQDA/ CFHC/ NARA	Dpt. Of Agrarian Service / MF/SMF/ Dpt. Of Irrigation
Utilize part of the earnings from fisheries in each inland water-body for sustainable management of fisheries in the respective water-body.	presentage of increase of the earnings from fisheries in each inland water-body	4	5	7	10	15	NAQDA	Dpt. Of Agrarian Service Dpt. Of Irrigation/ MF/SMF
Participate actively in the regional and international fisheries management forums.	No. of participation for regional and International forums	6	10	13	17	20	All institutes	MF/SMF
Comply with fisheries management measures stipulated in international treaties and by RFMOs.	Precentage of Reduced culprit	10	15	17	20	30	DFAR	MF/SMF/ NARA
Cooperate with other coastal States and RFMOs directly for conservation and management of highly migratory and straddling fish stocks.	Precentage of fish stock increasedsustainably	2	4	8	12	15	DFAR/NARA	MF/SMF
Comply with the requirements stipulated in international labor conventions and international maritime conventions in regard to maritime labor.	Precentage of Reduced culprit	2	4	8	12	15	DFAR/ NARA	MF/SMF
Provide port access and assistance as a port State to foreign fishing vessels in distress in accordance with the international law.	No.of Reduced culprit	2	4	8	12	15	DFAR/CFHC	MF/SMF/NARA
Formulation and implementation of fisheries management plans for respective fisheries	No. of management plans	1	1	1	1	2	DFAR	MF/SMF/ All institudes
Identification and declaration of new fisheries management areas.	Precentage of declared new management areas	0.1	0.1	0.1	0.1	0.1	NARA / DFAR	MF/SMF

Conduct awareness programmes for fishermen on the impact of destructive fishing practices.	presentage of reduction of destructive fishing practices.	10	20	25	30	35	DFAR/NARA	mf/Smf/ NAQDA
Strengthening law enforcement using harmful fishing gear	presentage of reduction of breach of law	10	12	15	17	20	DFAR	MF/SMF/DFAR
Programme / Project	KPI		Ti	me fran	ne		Responsibility	Collaboration
riogianine / riojeer		2021	2022	2023	2024	2025	Responsibility	Conaboranon
Introduction of an appropriate new fleet reduction plan for small scale fisheries	percentage of fishery fleet in small scale fisheries	2	4	7	10	15	DFAR	MF/SMF/NARA/ Cey-nor
Promote aquaculture and Mariculture	No. of New projects implemented, no.of New license issued	3	3	3	4	4	NAQDA/DFAR	mf/Smf/nara
Promote recreational product related to fishery sector in Eco tourism with PPP	No.of recreational project started	1	3	3	3	3	Cey-nor DFAR/CFHC/ NAQDA/private sector	MF/SMF/NARA
Conduct research with the aim of introducing new tools costeffective methods(harvesting store distribution)	No. of successful research with the aim of introducing new tools	1	2	2	2	2	NARA/DFAR	MF/SMF
Strengthening existing data collection programmes	presentage of accuaracy data increased	72	76	80	82	85	NARA/DFAR/MF/ SMF/NAQDA/CF HC	NARA/DFAR/MF/SMF
Introduction of Environment Friendly Selective Fishing Gears	No.of fishing gears intreduced	5	5	5	5	5	DFAR/ Cey-nor	NARA
Expansion of Catch Data Collection System	presentage of increase the rehability of catch data	72	76	80	82	85	NARA /DFAR	MF/SMF
Awareness programe for fishing community (Managing fish resourses, Fisheries laws regulations, illegal fishing methods)	NO. of training programes implemented	10	15	15	15	15	DFAR	DFAR
Awareness programe to fishermen, annual training programs to multiday boats operators	No. of participant for multiday brad operations	700	700	700	700	700	DFAR	DFAR
identify new spicy for bait product in locally	No. of identified new spicy	1	1	2	2	2	NARA/DFAR//NA QDA	MF/SMF

Programme / Project	КРІ		Tiı	<mark>ne fram</mark>	е		Responsibility	Collaboration
riogidilille / riojeci	KIT	2021	2022	2023	2024	2025	Responsibility	Collaboration
Expanding of Inspection Scheme for Fishing Vessels before Departure and after arrival to eliminate IUU Fishing Activities	presentage of reduction of IUU Fishing Activities	4	7	10	12	13	DFAR	mf/smf/dfar
Introduction of Fishing Zoning system for different types of Fishing Vessels	presentage of reduction of destruction of fishing	7	9	12	15	17	MFAR/NARA/ DFAR/ NAQDA	mf/Smf/nara/ Dfar/naqda
Introduction of Permit System for different Fisheries	presentage of reduction of destructive in different fisheries	5	7	9	12	15	DFAR	MF/SMF/DFAR
Introduction of Closed Seasons and Closed areas	presentage of increase fish stock	2	3	5	7	9	DFAR	mf/smf/dfar
Introduction of scientific methods to Increase fish production in coastal areas, and to Improve the environmental conditions in lagoons	increased percentage of fish stock	1	2	3	4	4	NAQDA/NARA/D FAR/Lagoon Project	MF/SMF
Development of facilities to construct large multi-day fishing craft and for maintenance of such craft in an area close to the trincomalee harbour	No.of Multi day boats constructed	2	2	3	4	5	DFAR/Cey-nor	MF/SMF
Commencement of and interest free loan scheme to help for post harvesting losses enhanced related valuechange and work conveniently	No.of Multidays boat with develop facilities	50	100	250	350	500	DFAR/Cey-nor	MF/SMF
Strengthening of the navy and coastal patrol units and development of a confilict settlement agreements with India, in order to eliminate unauthorised fishing in nothern and eastern seas	Presentage of reduse unauthorized indian vessels	10	15	25	30	35	MF/SMF/DFAR	Navy coast Guard
Provision of low interest loans, tax benefits and insurance cover facilities, and consultancy and market coordination assistance to promote expansion and development of fish population in internal water bodies, and cultivation of shelfish like prowns and oyster, sea urchins and sea cucumber, and aquarium fish etc.	No.of investors invested % of volume increase	_	2	1	1	1	naqda/dfar	mf/Smf/nara/boi
Provision of facilities in terms of land, investment funds, and technical assistance to private companies and entrepreneurs to expand production of canned fish	No.of ppp join venture applied	1	-	1	_	1	CFC	Private Sector /MF/SMF/ DFAR/ NARA
Development of a programme to involve women in fishery related household industry through fishery cooperatives	No.of women involved in fishery related industries	350	400	400	400	450	DFAR/NAQDA//N ARA	MFAR
Strenthing the breading technique for mariculture inland fishing with PPP and CBOs	No.of breading centers and hachiries established	6	6	6	5	5	DFAR/SDD/Cey- nor	MF/SMF/DFAR/SDD/Cey- nor
Development compulsury insuarance scheme for more benefit of fisheries and boats	Presentage of fisherman boat insure incresed	40%	60%				DFAR/NAQDA	mf/Smf/dfar/naqda
Enhance the capacity of youth regarding fisheries industry with help of Ocean univercity	No.of completed paticipants in programmes for entrepreneurs in fisheries	25	50	50	50	50	DFAR/NAQDA/N ARA	MF/SMF/Ocean university
Development of systems of pricing of fish product so that both producer and consumer achieve a fair deal, using the fisheries corporation together with community based organisations among the fishing community	No.of CFC stalls established together with CFC and community based organization	_	5	5	5	5	CFC	MF/SMF/Community based organization
Strength the fish network factory productivity	Presentage of monthly production increased	10	10	10	10	10	NORTH SEA	DFR /MFR/SMR/Ceynor

Build-up of all fishery harbours, jetties and places where caught fish is unloaded into centres equipped with modern communication facilities, and refrigeration, fuel suply and sanitation facilities	No.of Green Fishery Harbor concept applied	_	4	5	6	5	CFHC/Harbour Project	MF/SMF
Commencement of and interest free loan scheme through the ministry of fisheries to enable fishing industry workers to bring their catch safely to the coast, and for safe unloading, transport and refrigerated storage of the fish brough to land.	No.of Multidays boat with develop facilities	3	6	6	6	6	DFAR/Cey-nor	MF/SMF
A broad based programme to be commenced jointly by the fisheries community associations and the National Aquaculture Development Authority for the expanded breading of both sea and fresh water fish	No.of breading centers established	2	2	3	3	4	NAQDA	MF/SMF/DFAR/SDD/Cey- nor
Introduction of small scale mobile truck to transport fish and retail business	No. of mobile trucks introduced	100	100	100	100	100	DFAR/CFC	DFAR
Improvement of Rerigerator facilities in multiday vessels in order to minimize post larva losses	No. of multiday boats introduced	50	100	150	200	250	DFAR	DFAR