



**EXECUTIVE SUMMARY OF THE FORTY-FIRST MEETING OF
SEAFDEC PROGRAM COMMITTEE**

The Forty-first Meeting of the Program Committee of the Southeast Asian Fisheries Development Center (SEAFDEC) was held in Langkawi, Malaysia from 5 to 7 November 2018 and hosted by the SEAFDEC Marine Fishery Resources Development and Management Department (MFRDMD). The Secretary-General of SEAFDEC, in his capacity as the Chairperson of SEAFDEC Program Committee, chaired the Meeting which reviewed the programs implemented by SEAFDEC in 2018 and scrutinized the programs to be implemented in 2019 to ensure that these have been formulated and implemented in line with the priorities and needs of the Member Countries. The lists of SEAFDEC Programs and Projects for 2018-2019 appear in *Appendix 1*.

The Meeting noted **Programs under the FCG/ASSP Mechanism**, which comprise the twenty-three (23) projects that have been categorized under the six (6) SEAFDEC Strategies: 1) Securing the sustainability of fisheries to contribute to food security, poverty alleviation and livelihood of people in the region; 2) Supporting the sustainable growth of aquaculture to complement fisheries and contribute to food security, poverty alleviation and livelihood of people in the region; 3) Ensuring the food safety and quality of fish and fishery products for the Southeast Asian region; 4) Enhancing trade and compliance of the region's fish and fishery products with market requirements; 5) Addressing cross-cutting issues, such as labor, gender and climate change, where related to international fisheries; and 6) Empowering SEAFDEC to strengthen its roles in the region and to improve its services to Member Countries; and two (2) Special Projects. The Program Committee noted that two (2) of the FCG/ASSP projects are scheduled to be completed in 2018, and one new project will be implemented starting in 2019. The Program Committee approved the implementation of the projects in 2018-2019, and provided recommendations which could be summarized as follows:

Strategy I: Securing the sustainability of fisheries to contribute to food security, poverty alleviation and livelihood of people in the region

(1) Human Resource Development for Sustainable Fisheries

- TD to consider in the future, the possibility of supporting the introduction of EAFM concept in three sites in Thailand, two for inland and one for coastal areas
- TD to consider supporting an initiative in the promotion of EAFM at a new pilot site in Kaw Thaug, Myanmar
- TD to consider extending the future project activities in Tonle Sap Lake of Cambodia
- TD to share the lessons learnt from the different pilot sites, and consider the development of KPIs to facilitate evaluation of the project implementation

(2) Optimizing Energy Use/Improving Safety Onboard in Fishing Activities

- TD to consider conducting in 2019 a pilot demonstration activity on improvement of fish handling onboard tuna purse seiner in Bin Dinh Province, Viet Nam
- TD to investigate the significant outcomes of the project using measurable indicators to compare the situation before and after the project implementation

(3) Promotion of Sustainable Fisheries Resources Enhancement Measures in Critical Habitats/Fishing Grounds in Southeast Asia

- TD to consider engaging aquaculture aspects in resource enhancement projects to enhance the production of the species for conservation, such as production of multi-species seeds for stock enhancement in natural habitats
- TD to consider incorporating the development of effective FADs and FEDs, as well as formulating standard procedures for assessing the abundance of the resources prior to and after the deployment of FADs and FEDs
- TD to consider extending the activities on crab bank to other sites in Cambodia, *i.e.* Kampot

- Province and to provide awareness raising materials for dissemination in the landing sites of the country's four coastal provinces
- TD to invite Malaysia to take part as observer in the workshop on hilsa resources that will be conducted for Myanmar and Thailand
 - TD to consider conducting a workshop to introduce FEDs in Indonesia in 2019
 - TD to develop a basic model on sustainable resource enhancement that would also include aquaculture to guide the communities in making their own fisheries management programs
- (4) **Enhancement of Sustainability of Catadromous Eel Resources in Southeast Asia**
- IFRDMD to develop guidelines aimed at raising the awareness of local people about the importance of glass eels
 - IFRDMD to conduct biological studies aiming for the conservation of the eel resources
 - IFRDMD to consider the possibility of adopting appropriate stock assessment models that could make use of very limited data
- (5) **Promotion of Responsible Utilization of Inland Fisheries in Southeast Asia**
- IFRDMD to continue exerting efforts to link this project with other relevant programs of IFRDMD on the promotion of inland capture fisheries
- (6) **Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management**
- The project would be completed in 2018
- (7) **Promotion of Countermeasures to Reduce IUU Fishing Activities**
- TD to consider in its plans for combating IUU fishing the following activities: 1) capacity building on fisheries surveillance to combat IUU fishing; and 2) regional capacity building on investigation and inspection techniques, and fisheries law enforcement to combat IUU fishing
 - TD to consider expanding the scale and contents of the project on combating IUU fishing
 - TD to seek the consensus of the Member Countries prior to the expansion of the RFVR to cover those vessels less than 24 meters in length
 - TD to consider communicating with FAO to request for updated information on the development of the Global Fishing Vessel Record ; and linking the RFVR with and serve as inputs to the FAO Global Fishing Vessel Record
 - TD to consider establishing a regional network for facilitating communication and exchanging of information on the status of implementation of the PSMA among the ASEAN Member States (AMSs)
 - TD to consider organizing an expert consultation to develop a harmonized protocol for vessel inspection at sea especially in areas within and beyond national jurisdictions, by contacting the concerned RFMOs to obtain information on their respective procedures for vessel inspection at sea
 - TD to consider conducting Training of Trainers on vessel inspection, as well as observers onboard fishing vessels
- (8) **Establishment and Operation of a Regional System of Fisheries *Refugia* in the South China Sea and Gulf of Thailand**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (9) **Offshore Fisheries Resources Exploration in Southeast Asia**
- TD to consider involving Thailand in the activity on tuna stock assessment in Sulu-Sulawesi Sea, and to extend to Thailand its training course on growth analysis based on otolith samples
 - TD to check with concerned RFMOs on their activities related to tuna stock assessment to ensure that the SEAFDEC stock assessment initiatives would support rather than duplicate the work of such RFMOs
 - TD to include brief results from the stock assessment activity when reporting on the progress to the next PCM as this would be useful in the discussion of the future workplan
 - TD to continue conducting stock assessment of tuna in Sulu-Sulawesi Sea, the results of which

- could be conveyed to WCPFC for their reference
 - TD to continue assisting Cambodia in strengthening the capacity of the country's fishery officers, especially in analyzing the data and finalizing the results of the survey undertaken in 2018 using the M.V. SEAFDEC 2
 - TD to exchange and disseminate information with the CTI-CFF especially the results of the works undertaken by SEAFDEC in this particular area
 - TD to consider including in this project, the modernization of fishing vessels for the sustainability of fishery resources
- (10) Enhancing the Compilation and Utilization of Fishery Statistics and Information for Sustainable Development and Management of Fisheries in Southeast Asian Region**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (11) Comparative Studies for Management of Purse Seine Fisheries in the Southeast Asian Region**
- MFRDMD to provide technical assistance to the Member Countries in establishing reference points towards and harvest control rules for transboundary stocks, as well as to conduct biological studies on other important species such as round scads, neritic tunas, and sardines
 - MFRDMD to consider in the project future plan, providing technical assistance to the Member Countries on the analysis of appropriate Maximum Sustainable Yield (MSY) and Total Allowable Effort (TAE) of target species
- (12) Research for Enhancement of Sustainable Utilization and Management of Sharks and Rays in the Southeast Asian Region**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (13) Enhancing Sustainable Utilization and Management Scheme of Tropical Anguillid Eel Resources in Southeast Asia**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (14) SEADFDEC-EU/CITES Sharks Project Phase II**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (15) Strengthening the Effective Management Scheme with GIS (Geographic Information System) & RS (Remote Sensing) Technology for Inland Fisheries and Aquaculture at AMS**
- The 41PCM took note that this project would be implemented starting from 2019.

Strategy II: Supporting the sustainable growth of aquaculture to complement fisheries and contribute to food security, poverty alleviation and livelihood of people in the region

- (16) Environment-Friendly, Sustainable Utilization and Management of Fisheries and Aquaculture Resources**
- The 41PCM took note of the progress of the project in 2018 and the proposed activities for 2019
- (17) Reinforcement and Optimization of Fish Health Management and the Effective Dissemination in the Southeast Asian Region**
- AQD to consider including Thailand as participating country for Activity 5: Technology Extension and Demonstration considering that Thailand has large-scale aquaculture industry

Strategy III: Ensuring the food safety and quality of fish and fishery products for the Southeast Asian region

- (18) Chemicals and Drug Residues in Fish and Fish Products in Southeast Asia- Biotoxins (ASP, AZA and BTX) and Harmful Algal Blooms (HABs) in the ASEAN Region**
- MFRD to consider including the harmonization of techniques for detecting and analyzing biotoxins from harmful algal blooms (HABs) in the region and the development of reference points for biotoxin analysis

Strategy IV: Enhancing trade and compliance of the region's fish and fishery products with market requirements

(19) Cold Chain Management for Seafood

- MFRD to submit the guidelines on Cold Chain Management of Seafood to FCG/ASSP for support and subsequently, for submission to the next SEAFDEC Council Meeting for endorsement

(20) Combating IUU Fishing in the Southeast Asian Region through Application of Catch Certification for Trading of Fish and Fishery Products

- SEAFDEC Secretariat to update the information on international fish trade-related issues, and to upload the information on international trade in the respective countries of current RFPN members, in the SEAFDEC website by the end of 2018

Strategy V: Addressing cross-cutting issues, such as labor, gender and climate change, where related to international fisheries

(21) Assistance for Capacity Building in the Region to Address International Fisheries-related Issues

- SEAFDEC to include Malaysia as one of the project sites in 2019 for the eACDS activities
- SEAFDEC to ensure that the eACDS would target not only commercial fisheries but also small-scale fisheries as this is a very important sub-sector for the region

Strategy VI: Empowering SEAFDEC to strengthen its roles in the region and to improve its services to Member Countries

(22) Fisheries Resource Survey and Operational Plan for the M.V. SEAFDEC 2

- TD to consider the proposal of Viet Nam on the use of M.V. SEAFDEC 2 in the conduct of a survey of marine fisheries in Viet Nam, for a period of two months from June to August 2019
- TD to provide the services of its resource persons to support the conduct of a training course in Thailand on marine resources survey onboard a Thai research vessel in 2019
- TD to consider the proposal of Malaysia on the use of the M.V. SEAFDEC 2 for its mid-water trawl survey in Malaysian waters in 2019

(23) Strengthening SEAFDEC Network for Sustainable Fisheries

- TD to extend assistance to Cambodia in the modification of its marine fishing vessel database to accommodate the changes in vessel classification from Horsepower to length class
- SEAFDEC to sustain the regional and/or sub-regional mechanism in addressing fisheries-related issues, as well as to maintain such network for long-term after the completion of the relevant project supporting the mechanism

Special Projects

(24) Fisheries and Habitat Management, Climate Change and Social Well-being in Southeast Asia

- SEAFDEC to communicate with the Government of Sweden requesting for the possible extension of the project after its completion in 2019
- SEAFDEC to promote the application of the SEAFDEC gender toolkit in Myanmar in 2019
- SEAFDEC to continue extending its support in strengthening the transboundary fisheries management in the upper Mekong River Basin between Lao PDR and Thailand (Bo Keo in Lao PDR and Chiang Rai in Thailand)
- SEAFDEC to discuss with the ASEAN Secretariat the possible submission of the results of the stock assessment and risk assessment of neritic tunas to concerned policy makers in the future
- SEAFDEC to sustain the activities on neritic tunas in order to obtain data that could serve as scientific basis towards the sustainable utilization of the species, considering that such work would complement the work of IOTC, and not duplicate any of the stock assessment initiatives of WCPFC

(25) The Oceans and Fisheries Partnership (USAID Oceans)

- USAID Ocean to establish appropriate channel for sharing of information particularly on the progress of its works in the project learning sites so that the developed technologies could be adopted by other countries
- USAID Ocean to respond to the suggestion of Thailand during the last ASWGFi and the Oceans Technical Working Group (TWG) Meeting in 2018 on how the information collected from the learning sites could be shared, and on how the activities in the expansion sites in Thailand could move forward
- USAID Oceans to provide information to Thailand on the exact schedule and detailed workplan in support of expansion I and II sites as indicated in the 2019 project workplan

The Program Committee endorsed the progress of the **Departmental Programs** in 2018 which comprise nine (9) programs, six (6) of which were implemented by AQD, namely: 1) Quality Seed for Sustainable Aquaculture; 2) Healthy and Wholesome Aquaculture; 3) Adaptation to Climate Change; 4) Maintaining Environmental Integrity through Responsible Aquaculture; 5) Meeting Social and Economic Challenges in Aquaculture; and 6) Priority and Special Projects; and three (3) by TD, namely: 1) Promotion and Strengthening of SEAFDEC Visibility and Image; 2) Tailor-made Training Programs; and 3) Improvement of Fisheries Technology and Reduction of the Impact from Fishing. While these programs would be continued in 2019, the program on “Promotion and Strengthening of SEAFDEC Visibility and Image” would be merged with the program “Tailor-made Training Programs” and the new program title starting 2019 would be “Promotion on Strengthening of SEAFDEC Visibility and Enhancing Human Capacity Building.” In addition to these on-going programs, MFRDMD would implement in 2019, the Collaborative Research between Japan International Research Center for Agriculture Science (JIRCAS) and MFRDMD, while IFRDMD would carry out two (2) projects, namely: 1) Stock Assessment and Fish Production Potential of Inland Fisheries; and 2) Center of Excellence in Science and Technology on Inland Fisheries Management. The Program Committee then provided recommendations on these programs which could be summarized as follows:

1. Aquaculture Department

- AQD to share the relevant information and technologies developed through its programs to the Member Countries
- AQD to consider sharing the knowledge on aquaculture technology to the Member Countries especially on broodstock management of tiger shrimps, as well as establishing the mechanism for sharing of information with other AMSs
- AQD to consider including in its future studies the culture of ornamental fish species, *e.g.* koi carp, for the benefit of countries that import broodstock from Japan
- SEAFDEC to consider supporting the activities related to increasing the value added to products that make use of seaweeds as raw materials

2. Training Department

- TD to allocate funds and assist Cambodia in conducting surveys to investigate the impacts from gears to the fishery resources, such as trawlers using small mesh-size and rat-tail traps
- TD to provide support to Thailand in the implementation of the project “Promotion of Appropriate Technology and Practices of Fishing and Fishing Gear Engineering in Freshwater Area in Thailand”
- TD to provide technical support to Indonesia in the conduct of training on safety at sea *e.g.* basic safety for fishing vessels in accordance with IMO regulations, as well as training to change the use of fishing gears that had recently become illegal
- TD to continue supporting Malaysia in the conduct of fishing gear training
- TD to share the results of the proposed activity in 2019 on the improvement of the technology to enhance the sustainability of marine fishery resources, once available

3. Marine Fishery Resources Development and Management Department

- The 41PCM noted the project proposal under the collaborative research between JIRCAS and MFRDMD which would be implemented in 2019

4. Inland Fishery Resources Development and Management Department

- The 41PCM noted the two projects which would be implemented by IFRDMD in 2019

The Program Committee also considered and endorsed the **Other Program** on “Implementing the Lower Mekong Fish Passage Initiative in Cambodia, Thailand, and Viet Nam” which was implemented in 2018 and would be continued in 2019.

The Program Committee also took note of the status of the two (2) **Pipeline Projects**:

(1) Development of Stock Assessment Method and Strengthening of Resources Management Measures on Tropical Anguillid Eels in ASEAN Region

- SEAFDEC Secretariat to continue seeking support from JAIF for the implementation of this project

(2) Second Phase of Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management

- MFRDMD to continue seeking support from JAIF and other potential donors to extend this project to Member Countries not involved in Phase I of the Project, *e.g.* Cambodia, Philippines, Thailand, and Viet Nam

The Program Committee noted the statements delivered by non-member governments and international/regional organizations, namely: the Bay of Bengal Programme Inter-Governmental Organization (BOBBP-IGO); the Coral Triangle Initiative on Coral Reefs, Fisheries, and Food Security (CTI-CFF); the Gifu Prefectural Inland Fisheries Training Center in Japan; the Embassy of Sweden; and the United States Agency for International Development/Regional Development Mission for Asia (USAID/RDMA).

The Program Committee took note of the proposal on the “Way Forward for Resolution and Plan of Actions on Sustainable Fisheries for Food Security for the ASEAN Region Towards 2020,” and noted that the proposal and the workplan would be discussed during the 21FCG/ASSP Meeting, after which it would be proposed to the 51st Meeting of SEAFDEC Council.

On the Update on JTF-VII, the Program Committee expressed the gratitude to the Government of Japan for its continued support to SEAFDEC, and requested SEAFDEC to consider drafting a Council Resolution expressing the gratitude and appreciation of the Member Countries to the Government of Japan and requesting for continued support through the JTF-VII. In this connection, SEAFDEC would reiterate the need to seek the countries’ appreciation to Japan, during the 51st Meeting of the SEAFDEC Council.

The Program Committee took note of the draft SEAFDEC Gender Strategy which was developed in response to the directives of the SEAFDEC Council.

With regard to the draft “Procedures for Inviting Other Organizations and Non-member Governments to attend the SEAFDEC Council Meeting,” the Program Committee suggested further improvement of the draft Procedures, *i.e.* for the decisions by individual Council Directors to be kept by the Secretariat and not disclosed, and more elaboration on the roles and restrictions of observers. The Program Committee also suggested that the Procedures once approved by the SEAFDEC Council should be made available in the SEAFDEC website.

On the “Capacity Development Workshop on Stock Status Assessment and Estimation of SDG Indicator 14.4.1: Fish Stocks Sustainability for the Asia and Pacific Region,” of which SEAFDEC was approached by FAO to serve as coordinator and to facilitate the arrangements, the Program Committee expressed the challenges encountered by the Member Countries in reporting the progress on SDG Indicator 14.4.1, and proposed that the activities related to this SDG Indicator should be conducted on an annual basis and adopted by the SEAFDEC Council.

The Program Committee was informed of the formation of the Singapore Food Agency (SFA) which would take place starting 1 April 2019. SFA will continue to uphold Singapore's commitment to implement the MFRD programme, and the Marine Aquaculture Center (MAC) would be the Collaborating Centre to implement the MFRD programme. This matter would be proposed to the 51st meeting of the SEAFDEC Council for consideration.

The Program Committee adopted the **Report of the 41st Meeting of the SEAFDEC Program Committee** for submission to the 51st Meeting of SEAFDEC Council, and to the ASEAN through the 21st Meeting of the Fisheries Consultative Group of the ASEAN-SEAFDEC Strategic Partnership (FCG/ASSP).

SEAFDEC PROGRAMS AND PROJECTS FOR THE YEAR 2018-2019

I. Program of Activities under FCG/ASSP Mechanism

Strategy/Project Title	Lead Department	2018	2019
Strategy I: Securing the sustainability of fisheries to contribute to food security, poverty alleviation and livelihood of people in the region			
1. Human Resource Development for Sustainable Fisheries	TD	Y	Y
2. Optimizing Energy Use/Improving Safety Onboard in Fishing Activities	TD	Y	Y
3. Promotion of Sustainable Fisheries Resources Enhancement Measures in Critical Habitats/Fishing Grounds in Southeast Asia	TD	Y	Y
4. Enhancement of Sustainability of Catadromous Eel Resources in Southeast Asia	IFRDMD	Y	Y
5. Promotion of Responsible Utilization of Inland Fisheries in Southeast Asia	IFRDMD	Y	Y
6. Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management	MFRDMD	Y	N
7. Promotion of Countermeasures to Reduce IUU Fishing Activities	TD	Y	Y
8. Establishment and Operation of a Regional System of Fisheries <i>Refugia</i> in the South China Sea and Gulf of Thailand	TD	Y	Y
9. Offshore Fisheries Resources Exploration in Southeast Asia	TD	Y	Y
10. Enhancing the compilation and Utilization of Fishery Statistics and Information for Sustainable Development and Management of Fisheries in Southeast Asian Region	TD	Y	Y
11. Comparative Studies for Management of Purse Seine Fisheries in the Southeast Asian Region	MFRDMD	Y	Y
12. Research for Enhancement of Sustainable Utilization and Management of Sharks and Rays in the Southeast Asian Region	MFRDMD	Y	Y
13. Enhancing Sustainable Utilization and Management Scheme of Tropical Anguillid Eel Resources in Southeast Asia	SEC	Y	Y
14. SEADFDEC-EU/CITES Sharks Project Phase II	SEC	Y	Y
15. Strengthening the Effective Management Scheme with GIS (Geographic Information System) & RS (Remote Sensing) Technology for Inland Fisheries and Aquaculture at AMS ¹	TD	N	Y
Strategy II :Supporting the sustainable growth of aquaculture to complement fisheries and contribute to food security, poverty alleviation and livelihood of people in the region			
16. Environment-friendly, Sustainable Utilization and Management of Fisheries and Aquaculture Resources	AQD	Y	Y
17. Reinforcement and Optimization of Fish Health Management and the Effective Dissemination in the Southeast Asian Region	AQD	Y	Y
Strategy III :Ensuring the food safety and quality of fish and fishery products for the Southeast Asian region			
18. Chemicals and Drug Residues in Fish and Fish Products in Southeast Asia – Biotoxins (ASP, AZA and BTX) and Harmful Algal Bloom (HABs) in the ASEAN Region	MFRD	Y	Y
Strategy IV: Enhancing trade and compliance of the region's fish and fishery products with market requirements			
19. Cold Chain Management for Seafood	MFRD	Y	N
20. Combating IUU Fishing in the Southeast Asian Region through Application of Catch Certification for Trading of Fish and Fishery Products	MFRDMD	Y	Y

¹ This project was approved in 2018 and will be implemented in 2019.

Strategy/Project Title	Lead Department	2018	2019
Strategy V: Addressing cross-cutting issues, such as labor, gender and climate change, where related to international fisheries			
21. Assistance for Capacity Building in the Region to Address International Fisheries-related Issues	SEC	Y	Y
Strategy VI: Empowering SEAFDEC to strengthen its roles in the region and to improve its services to Member Countries			
22. Fisheries Resource Survey & Operational Plan for M.V. SEAFDEC 2	TD	Y	Y
23. Strengthening SEAFDEC Network for Sustainable Fisheries	SEC	Y	Y
Special Projects			
24. Fisheries and Habitat Management, Climate Change and Social Well-being in Southeast Asia	SEC	Y	Y
25. The Oceans and Fisheries Partnership (USAID Oceans)	SEC	Y	Y

II. Departmental Programs

Project Title	Department	2018	2019
1. Quality Seed for Sustainable Aquaculture	AQD	Y	Y
2. Healthy and Wholesome Aquaculture	AQD	Y	Y
3. Maintaining Environmental Integrity Through Responsible Aquaculture	AQD	Y	Y
4. Adapting to Climate change Impacts	AQD	Y	Y
5. Meeting Social and Economic Challenges in Aquaculture	AQD	Y	Y
6. Priority and Special Projects	AQD	Y	Y
7. Promotion on Strengthening of SEAFDEC Visibility and Image	TD	Y	Y*
8. Tailor-made Training Programs	TD	Y	
9. Improvement of Fisheries Technology and Reduction of the Impact from Fishing	TD	Y	Y
10. Collaboration research between JIRCAS and SEAFDEC/MFRDMD	MFRDMD	N	Y
11. Stock Assessment and Fish Production Potential of Inland Fisheries	IFRDMD	Y	Y
12. Center of Excellence for Fisheries Management on Inland Waters	IFRDMD	Y	Y

* In 2019, the “Tailor-made Training Programs” would be merged with the “Promotion on Strengthening of SEAFDEC Visibility and Image” under the new title of “Promotion on Strengthening of SEAFDEC Visibility and Enhancing Human Capacity Building”

III. Other Programs

Project Title	Department	2018	2019
1. Implementing the Lower Mekong Fish Passage Initiative in Cambodia, Thailand, and Viet Nam	TD	Y	Y

IV. Pipeline Projects

Project Title	Lead Department	Period
1. Development of Stock Assessment Method and Strengthening of Resources Management Measures on Tropical Anguillid Eels in ASEAN Region	SEC	-
2. Second Phase of Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management	MFRDMD	-

Remarks:

Y = Program implemented during the year

N = Program not implemented during the year