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Code	Actions	Start date	End date	Status	Evidence
Action 1.1	Fisheries management plan for the trawl fishery in BRVT				
1.1.1	Review of current trawl fishery management policies, objectives (including Master plan objectives) and management measures in place in BVRT	Jan 1, 2022	Jun 15, 2023	From the beginning of 2023, the Fisheries Sub-Department of Ba Ria - Vung Tau province had to restructure management personnel. The reason for this problem is due to errors related to the registration of fishing vessels. By the time this report was made, the BVT Fisheries Sub-Department had not yet officially appointed a director. This has resulted in delays in activities involving provincial authorities. On August 24, 2023, the Fishmeal Association was finally able to send an official letter to the Department of Agriculture and Rural Development of BRVT province to request permission to establish the Multispecies FIP PPP team of BRVT. The main task of the team is to participate in the development of a trawl fisheries management plan for BRVT province (attached).	
1.1.1.1	Desk review of current trawl fishery management in BVRT in general and management		Jun 5, 2023	During the meeting with sub-DFish BRVT on May 30, 2023, it is clear that there is not a specific fishery management plan for the trawl fishery. The issues discussed in the meeting were as follows: 1. The Fisheries Sub-Department welcomes FIP Vung Tau in developing a trawl fishery management plan for BRVT province. 2. The current wishes of Vung Tau Fisheries Department are: a. Reducing fishing force. The plan is to reduce about 2,000 trawlers by 2025. Therefore, the problem that needs to be solved is converting fishermen's livelihoods. The idea of the Sub-Department for this issue is to consider two options: tourism and aquaculture. b. Restoration of coastal and inshore aquatic resources. The Sub-Department needs FIP to support experts in this field. For example, releasing artificial reefs like Ca Mau is doing. c. Plastic waste treatment. d. The Sub-department proposes to select a site for pilot implementation of the trawl fisheries management plan based on the co-management approach. e. How should domestic waste be treated in marine aquaculture? Lessons from other countries. 3. The Sub-department is willing to share the report on the survey of aquatic resources with FIP.	
1.1.1.2	Meeting with Sub-DOF BRVT about BVRT FMP from 2023 onwards		Jun 9, 2023		

1.1.1.3	Agreement with Sub-DoF		Jun 30, 2023	A follow up meeting with sub-DFish BRVT took place on August 15, 2023, details as follow: 1. The Sub-Department recommends that BRVT Fishmeal Association (the owner of FIP Vung Tau) shall send an official letter to DARD, cc Committee of People and sub-DFISH, to request the public-private collaboration in developing trawl FMP for BRVT. The letter shall define: (i) the co-management team (consisting of members from public and private sector); (ii) overall goals; (iii) key outputs/milestones; (iv) tentative partners. The letter was sent to DARD BRVT on August 24, 2023 (attached). 2. After receiving an acceptance letter from DARD, the FIPVT coordinator will work with sub-DFISH to form the trawl fishery co-management team. 3. After receiving an acceptance letter from DARD, the FIPVT coordinator will work with sub-DFISH to form the trawl fishery co-management team. Additional funds for activities of the team shall be raised. 4. Specific objectives of the trawl FMP and work plan of the co-management team will be discussed with the team and documented under a form of an agreement. 5. Mr Nguyen Bi - the manager of Fishery Section of Sub-DFISH also suggested that: a. Fundraising to implement electronic records for traceability from fishing ground to landing port, start with trawl fisheries. This can be a part of FIPVT or can be a separate project /component associated with FIPVT. b. FIPVT should help them to fortify the existing BRVT Fishery Association with good planning, so that the association can mobilise financial resources from fishery chain actors. He said fishing vessel owners will be willing to contribute, as long as goals and plans are clear to them.	1. The letter to DARD BRVT
1.1.2	BVRT trawl FMP is developed and adopted by BRVT Sub-DOF	Jan 1, 2023	Dec 31, 2024		HCMC 4. Photo of the PPP meeting in HCMC

1.1.2.1	Approach and propose key stakeholders and lead agency for the co-management team of the BVRT fishery	Jun 15, 2023	Co-management in aquatic resource management is not a new concept in Vietnam, however, the application of this approach in developing a management plan for a multi-species fishery, which is inherently complex, has not yet been a common practice. The role and ability of stakeholders to contribute to achieving responsible trawl fisheries (or any other multi-species fisheries) in Vietnam is not fully understood. FIP Advisor Derek James Staples is a former FAO expert in Bangkok, Thailand. Staples is known by many fisheries researchers in Vietnam. Years ago he was involved in the development of Thailand's fisheries management plan. The Thai FMP had been developed using the co-management approach. It is known as one of the key points to help Thailand lift the EC's IUU yellow card in 2019. His experience will therefore be very helpful for state agency's officers and fisheries researchers of Ba Ria - Vung Tau in developing a good and practical trawl fishery management plan for the province. A training course with lead agencies in marine fisheries was organized on Augist 01-02, 2023. So far, the co-management team to develop a trawl FMP for BRVT province has received verbal engagement from Mr Nguyen Bi (Fishery Section Manager of sub-DFISH BRVT, the group of researchers from South Research Sub-Institute for Marine Fisheries (SORESIMF), an owner of several trawl fishing vessels (from Phuoc Tinh hamlet, Long Dien district), a leader of Fishery Union of Phuoc Tinh hamlet (Long Dien district) and IUCN Vietnam. Other stakeholders (as listed in the letter to DARD Vung Tau, dated August 23, 2023) will be approached after the FIP receives approval from the DARD.	1. Presentation 2. Participant list 3. Photo
1.1.2.2	Develop operational documents for the co-management team	May 31, 2023	Delay until the having the approval letter from DARD BRVT. New end date: 12/2023	
1.1.2.3	Develop a draft FMP template	Jun 28, 2023	A draft of 'Trawl Fisheries Management Plan for Ba Ria – Vung Tau trawl fishery' has been developed with outlines of aspects that should be covered by the trawl FMP.	Draft of Trawl Fisheries Management Plan for Ba Ria – Vung Tau
1.1.2.4	Form a trawl fisheries co-management team	Jun 29, 2023	The letter, to request for forming a Multispecies FIP PPP team of BRVT, was sent to DARD BRVT on August 24, 2023. New end date: 12/2023	Letter to request for forming a Multispecies FIP PPP team of BRVT
1.1.2.5	Follow up with signing operational documents	Jul 17, 2023	New end date: 12/2023	
1.1.2.6	Develop a workplan on developing a FMP that links with all the other FAP actions	Jun 20, 2023	New end date: 12/2023	
1.1.2.7	Analyse trawl fishery data	Aug 30, 2024	Not yet started	
1.1.2.8	Conduct workshops with co-management team	Aug 30, 2024	Not yet started	
	Conduct workshops with stakeholders	Aug 30, 2024	Not yet started	
1.1.2.10	Develop a first version of the Fisheries Master Plan and/or FMP	Aug 30, 2024	Not yet started	
1.1.2.11	Propose the Sub-DOF BRVT incorporate the trawl fishery FMP in the Provincial Fisheries Master Plan	Dec 31, 2024	Not yet started	

Action 1.2	Mechanism for fisheries information sharing with DARD, Sub-DOF BRVT and BRVT Port authorities			The biggest challenge in recent times for FIP Vung Tau is to receive access to trawl fishing data and information, sufficiently and timely. These data and information are collected and maintained by various parties, including the Sub-Department of Fisheries, the Management Board of Fishing Ports, the Sub-Department of Statistics, the Research Institute of Marine Fisheries and the Southern branch of the institute. This challenge becomes more serious in the context that the EC continues to maintain the IUU yellow card for Vietnam's fishing. Therefore, an initial meeting for the public-private partnership in FIP implementation is crucial. The meeting is where Vietnam's highest fisheries regulator, coastal provincial governments and the private partners of FIP Vung Tau come together to share and understand how Vietnam's marine fishing chain can continue its long-term participation in the seafood export value chain.	
1.2.1	Study about options for FIP Vung Tau to have trawl fishery data from the existing official fishery data system in Vietnam	Apr 1, 2022	Aug 31, 2022	Completed in 2022.	
1.2.1.1	Map existing fisheries information owners and sources of data among stakeholders and assess the current mechanisms for sharing data and information		Aug 31, 2022	Completed in 2022.	
1.2.1.2	Workshop for researchers to have an overview about collecting multispecies fishery data and sharing among stakeholders		Aug 31, 2022	Completed in 2022.	
1.2.2	Develop agreements/MOU between FIP Vung Tau and key stakeholders about trawl fishery data sharing/collecting mechanism	Apr 1, 2022	Dec 29, 2023		
1.2.2.1	Meetings to develop shared agreement for data sharing		Dec 8, 2023	On July 27, 2023, a stakeholder engagement meeting with businesses that are interested in FIP Vung Tau and provincial authorities took place on July 27, 2023 with participation of Department of Agriculture & Rural Development of BRVT province, sub-Department of Fisheries of BRVT and South Research Sub-Institute for Marine Fisheries. The intention of the meeting is firstly to engage more interested parties to join FIP Vung Tau, or even initiate more FIPs in Vietnam, so that FIP can raise its voice and impact. The secondary intention is to build up understanding with provincial authorities about FIP Vung Tau and how FIP can assist the province to develop its trawl FMP. Agreement for data sharing will be covered in the workplan of the co-management team, if DARD BRVT	stakeholder engagement meeting on 27/7/2023
1.2.2.1	Develop and share agreements/MOUs about data sharing		Dec 20, 2023	pproves. A pre-assessment of MarinTrust IP of Phuc Loc was conducted on August 14, 2023 by NSF Thailand. The	3. Photo of the meeting 4. Pre-assessment report

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1.2.3	Develop the BRVT trawl fishery portal		Oct 31, 2023	production and sale of fishmeal, the entire process is described, from fishing to fishmeal delivery at the feed	FIPVT Fishery Database Process
1.2.3.1	Develop the BRVT trawl fishery portal		Oct 31, 2023	factory (see attachment). The raw database is built and is now tested. The next step would be to have the fishmeal factories enter the data into the database using forms. At the same time we will work on improving the quality of the data, better ways of collecting and visualization of the data so it can be used as management information. New end date: 30/06/2024	Report consultant on data collection and visualization
Action 2.1	Collection of fisheries data				
	Develop guidance on data needs for assessing and monitoring the fish resources	Mar 1, 2022	Jul 29, 2022	Completed in 2022.	
2.1.1.1	Provide guidance on "Data needs for assessing and monitoring the fish resources in the multispecies trawl fisheries in BRVT"		Jul 29, 2022	Completed in 2022	
2.1.2	Develop a trawl fishery sampling plan		Mar 1, 2024	Many meetings between SORESIMF and Kim Delta took places from March to May to make sure that the sampling plan would not duplicate other works done by the province. The contract was signed in May 2023.	
2.1.2.1	Develop sampling plan and contract SORESIMF to collect data		Mar 31, 2023	Ria - Vung Tau port. Mr Nguyen Viet Nghia, the Vice Director of Research Institute of Marine Fisheries	The sampling service contract including ToR and forms First month sampling results
2.1.3	Collect trawl data	May 1, 2023	Jun 28, 2024		
2.1.3.1	Collect trawl data		Jun 28, 2024	First sampling batch (10 vessels) was started in June.	First month sampling results
Action 2.2	Status and management of fisheries stocks				
	Assess the impact of the trawl fishery on the fishery resource	May 1, 2023	Jul 31, 2024		

2.2.1.1	Provide guidance on "Stock assessment methods for multispecies fisheries' and "Review of past stock assessments results related to the BRVT trawl fishery"		May 26, 2023	past stock assessments results related to the BRVT trawl fishery' The aim of the guidance was to set the background for (i) a workshop to identify gaps in the past assessments and plan future assessments, (ii) conduct stock assessments based on existing and new	Stock Assessment Methods For Multispecies Fisheries Review of past stock assessments results related to the BRVT trawl fishery
2.2.1.2	Conduct workshop to identify gaps in the assessments and agree on: the groups to be used aggregated assessment methods; a set of set of indicator species based on a PSA analyses (high risk, medium risk and low risk species) that will be used to guide management (10-15 species); how to assess the impact on juvenile fish of high-value species; target reference point (TRP) for the aggregate catch and limit reference point(s) (LRP) for the high-risk/vulnerable species		Aug 3, 2023	The training 'Fishery management in the multispecies fisheries improvement program' was organised in Can Tho from August 01-02, 2023. This training covered the topic 'Assessing the status of the fishery resource – review of past assessments and gaps in the assessments'. Participants are staff of Ba Ria - Vung Tau (BRVT) Fisheries Sub-Department, Southern Seafood Research Sub-Institute in BRVT, and universities in Can Tho and Kien Giang. Can Tho university is the regional university that has trained resources for Mekong for both authorities and business. Kien Giang and Ca Mau is one of 5 key fishing grounds of Vietnam. Diversity in class composition ensures the inclusiveness and feasibility of BRVT trawl FMP in the future. One follow up action of the training is a possibly further workshop to introduce fishery researchers to new dynamic models (that are used recently in the stock assessment) in Thailand, by November 2023.	Training invitation Training presentation List of particiapnts Photo
2.2.1.3	Conduct stock assessments based on existing and new data and input into the FMP		Jul 31, 2024	Not yet started.	
2.2.2	Develop mitigation measures as input into the FMP		Aug 30, 2024	Not yet started.	
2.2.2.1	Share results with the trawl fishery co-management team		Aug 30, 2024	Not yet started.	
2.2.2.2	Prepare results for input into stakeholder consultations and input into the FMP		Aug 30, 2024	Not yet started.	
	Status and management of the reduction component of the catch				
2.3.1	Assess the impact of the trawl fishery on the reduction component of the catch	Jul 1, 2023	Aug 1, 2024	Not yet started.	

2.3.1.1	Analyse collected data by SORESIMF and draw conclusions about the status of the different categories of the reduction component of the catch for: aggregate by-product fish; aggregate trash fish catch and; stock assessments /risk assessments for indicator species		Jul 31, 2024	The report about 'Assessment of fishing activities status impacts to marine fisheries resources in the coastal and inshore waters of Ba Ria - Vung Tau province' by the Southern Seafood Research Sub-Institute, published on 27/04/2022 shows that: Out of the total of 12 surveyed fisheries, it was found that the type of fishery has a proportion of juvenile fish (not reaching the first spawning size Lm50) in the catch: - The highest is nghề te xiệp - accounting for 100% (for gold stripe sardinella - Sardinella gibbosa); - Next is nghề pha xúc - 74% (for gray mullet, goldstripe sardinella-Sardinella gibbosa and Miyakea nepa); - The trawl, pair trawls, surrounding nets, floating gillnets, bottom gillnets, stick falling nets, draping accounted for 53-67%; - Bottom gillnets account for 49%. - Hooks and lines, which has the lowest percentage of juvenile fish, accounts for 27% of the total catch (mainly yellowtail scad and torpedo scad). Finding of this report, together with landing data of 12 months will be used as inputs to develop the trawl FMP for Ba Ria - Vung Tau province.	1. Science report 'Assessment of fishing activities status impacts to marine fisheries resources in the coastal and inshore waters of Ba Ria - Vung Tau province'
	Develop a monitoring program for tracking the species composition of the reduction catch, at annual intervals		May 31, 2024	Not yet started.	
2.3.2	Develop mitigation measures as input into the FMP	May 1, 2024	Aug 30, 2024	Not yet started.	
2.3.2.1	Share analysis results with the trawl fishery co-management team for feedback		Aug 30, 2024	Not yet started.	
2.3.2.2	Prepare results for input into stakeholder consultations and input to the FMP		Aug 30, 2024	Not yet started.	
Action 2.4	Status and management of ETPs				
2.4.1	Assess impact of the trawl fishery on the ETPs	Aug 1, 2023	Aug 30, 2024		
2.4.1.1	Develop a list of ETPs for the BRVT based on IUCN, CITES, national lists etc		Jul 31, 2023	Research about 'Research and propose a list of endangered seafood species in coastal and inshore areas of Ba Ria - Vung Tau province' by the group of researchers of South Research Sub-Institute for Marine Fisheries was published in November 2022. Abstract: From the results of collecting data on fisheries in Ba Ria - Vung Tau province at fishing ports in 2020-2021, it shows that the number of occupations engaged in fishing in coastal waters and inshore areas has 10 groups of fishing occupations. The number of species encountered in all occupations is 432 species belonging to 236 genera, 107 families. Comparing and contrasting with the list of threatened species of IUCN (2021), Ministry of Agriculture and Rural Development - MARD (2017) and Vietnam Red Book (2007) shows that, there are 16 species are threatened (of which 11 species are according to IUCN (2021) and CITES (2021) criteria; 05 species are according to the the Red Book of Vietnam 2007), from near threatened level (NT) to threatened level (EN). In addition, the research results also suggest adding 71 marine species to the threatened group that needs to be protected in coastal waters and near shore areas of Ba Ria - Vung Tau province, from near threatened level (NT) to critically endangered level (CR) according to the criteria of IUCN (2021) and Vietnam Red Book (2007). This is a scientific and practical basis, serving the management, planning and economic development of the province's fisheries with high efficiency and sustainability. The result will be used as input for developing the provincial trawl FMP.	1. Science report 'Research and propose a list of endangered seafood species in coastal and inshore areas of Ba Ria - Vung Tau province'

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2.4.1.2	Analyses data collected by SORESIMF - (i) observer data, (ii) interviews with fishers, (iii) landing site inspections and (iv) fish meal inspections		Aug 30, 2024	Started in June 2023.	
2.4.1.3	Conduct risk-based assessments of the impact of trawling on ETPS – direct impact and indirect (lost gear)		Aug 30, 2024	Not yet started.	
2.4.2	Develop mitigation measures as input into the FMP	May 1, 2024	Aug 30, 2024	Not yet started.	
	Share analysis results with the trawl fishery co-management team for feedback		Aug 30, 2024	Not yet started.	
2.4.2.2	Prepare results for input into stakeholder consultations and input to the FMP		Aug 30, 2024	Not yet started.	
Action 2.5	Status and management of critical habitats				
2.5.1	Assess the impact of the trawl fishery on critical habitats	May 1, 2023	Aug 30, 2024	Not yet started. In the actual implementation of FIP, priorities were given to: - Implement activities to promote public-private partnership initiatives in FIP implementation. The aim is to facilitate the development of a trawl fishery management plan in Ba Ria - Vung Tau province based on the principle of co-management Complete guidance on multispecies fishery stock assessment. This activity will be implemented by early September at the latest, first through access to the biodiversity assessment recently conducted by IUCN Viet Nam.	
	Scientific desk review about the nature, distribution and vulnerability of the commonly encountered critical habitats in BRVT, including baselines of past distribution and habitat quality		Jul 28, 2023	New end date: March 2024	
2.5.2.2	Risk-based assessment of the impact of trawling on critical habitats including direct impact of trawling and indirect impact of garbage and lost gear		Aug 30, 2024	Not yet started.	
2.5.2	Develop mitigation measures as input into the FMP	May 1, 2024	Aug 30, 2024	Not yet started.	
2.5.2.1	Share analysis results with the trawl fishery co-management team for feedback		Aug 30, 2024	Not yet started.	
2.5.2.2	Prepare results for input into stakeholder consultations and input to the FMP		Aug 30, 2024	Not yet started.	
Action 2.6	Status and management of ecosystem structure and function				

	Assess the impact of the trawl fishery on the structure and function of the ecosystem	May 1, 2023		Not yet started. In the actual implementation of FIP, priorities were given to: - Implement activities to promote public-private partnership initiatives in FIP implementation. The aim is to facilitate the development of a trawl fishery management plan in Ba Ria - Vung Tau province based on the principle of co-management Complete guidance on multispecies fishery stock assessment.	
2.6.1.1	Scientific desk review on the changes in ecosystem structure (species composition) based on historic trawl surveys		Jul 28, 2023	New end date: March 2024	
2.6.1.2	Review and describe any existing ecosystem models (e.g. Ecopath with Ecosim) that could be used to model the ecosystem dynamics of the BRVT marine ecosystem		Aug 30, 2024	Not yet started	
2.6.2	Develop mitigation measures as inputs into the FMP	May 1, 2024	Aug 30, 2024	Not yet started.	
2.6.2.1	Share analysis results with the trawl fishery co-management team		Aug 30, 2024	Not yet started.	
2.6.2.2	Prepare results for input into stakeholder consultations and development of the FMP		Aug 30, 2024	Not yet started.	