

ACHIEVEMENTS AS OF 31 OCTOBER 2022

Country Name: < CAMBODIA >

1. Logical/Result Framework

Objectives / Outcomes / Activities	Indicators	Means of Verification	Progress and outputs	% Progress	Problem/ How to solve?
<p>Objective 1: Identification and management of fisheries and critical habitat linkages at priority fisheries refugia in the South China Sea and Gulf of Thailand</p> <p>Outcomes 1: Reduced stress on fish stocks and coastal habitats via improved national management of key anthropogenic threats to fisheries and critical habitat linkages in the South China Sea and Gulf of Thailand</p>	Status of formal designation, management plan adoption, and community engagement in implementation of agreed management measures, including enforcement, for priority sites	<p>Adopted management plans</p> <p>Regular reports of meetings of national and regional project management bodies.</p> <p>Reports of independent mid-term and terminal project evaluations</p>	<p>5-year management plan for marine fisheries management area and blue swimming crab refugia in Kep province adopted by Provincial Governor and Director General of FiA since 2019.</p> <p>Other management plans for fisheries refugia in Koh Kong, Preah Sihanouk, and Kampot provinces are in process, especially the management plan in Koh Kong province has been finalized with national consultant.</p> <p>Regular reports were made during site base management boards meetings, stakeholder consultation meeting, field trip for dissemination, monitoring and patrolling in Kep, Koh Kong, and Kampot provinces</p>		Pushing up stakeholder consultation meeting to prepare final draft of management plan for fisheries refugia in Preah Sihanouk province and
Act.1.1: Developing fisheries and coastal habitat information and data collection programmes	Status of boundary delineation and agreement on proposed management interventions	Fisheries <i>refugia</i> profile reports, including maps and site characterisations, published for priority sites	Three fisheries refugia profiles were done and the boundary of fisheries refugia in Kep and Koh Kong were approved by relevant stakeholders at provincial and national, however the boundary of fisheries refugia in Kampot has been in process and reach to finalize with provincial governor this year.	100	Data and information collection, compilation, and analysis was done

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Act.1.2: Facilitating agreement among stakeholders on the boundaries of fisheries refugia	Status of adoption and implementation of the management plans. Total area of fisheries <i>refugia</i> (ha) under management	Published management plans and numbers of implementation reports	<p>There are four management plans for fisheries refugia in Kep, Koh Kong, Kampot, and Preah Sihanouk provinces being proposed.</p> <p>Only one management plan for fisheries refugia in Kep province was completed, but the management plan for fisheries refugia in Koh Kong has been finalized with national consultant, Kampot province does not start to process it yet, and the management plan for fisheries refugia in Preah Sihanouk province is in process</p>	97	<p>The management plan for fisheries refugia in Koh Kong province has been discussed with national consultant to complete in December 2022.</p> <p>The management plan for fisheries refugia in Kampot will start to discuss with relevant stakeholders at local and provincial level in December 2022 meanwhile the fisheries refugia in Kampot province will be endorsed in December.</p> <p>For the management plan for fisheries refugia in Preah Sihanouk province, it will discuss with national consultant to complete in December 2022</p>
Act.1.3: Developing Community-Based Management Plans	Status and effectiveness of the management board and volunteer networks	224 quarterly reports of network meetings and activities [including list of participants and results of work]	There were 14 stakeholder meetings supporting the development of management plan for fisheries refugia in Kep and Koh Kong provinces.	90	Fisheries refugia in Kampot wait for approval from the Royal Government of Cambodia

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					Preah Sihanouk province accelerates stakeholder meetings and the task of national consultant to complete the management plan for fisheries refugia in December 2022
Act.1.4: Establishing operational management	Increase in the proportion of target community members [minimum of 30 percent women] participating in <i>refugia</i> management, including enforcement, at the site level	Operational enforcement programmes at priority sites	<p>So far, there are two operational management committee of Fisheries Refugia in Kep and Koh Kong provinces,</p> <p>There are two types of MFMA and Fisheries Refugia in Kep province naming:</p> <ol style="list-style-type: none"> 1) Provincial Management Committee chaired by Provincial Governor and its memberships are from Provincial Administration, Fisheries Administration, Provincial Department of Agriculture, Forestry, and Fisheries, Provincial Department of Environment, Provincial Department of Land Management, Provincial Department of Public Works and Transports, Provincial Department of Tourism, Provincial Police, Provincial Military Police, Maritime Police No. 430, and Maritime Open Committee 2) Technical Working Group chaired by Provincial Deputy Governor and its memberships are from Provincial 	95	<p>Not available of operational management committee in Kampot and Preah Sihanouk province</p> <p>Being finalized the new boundary of MFMA and Fisheries Refugia with Kampot Provincial Governor this month and Fisheries Refugia in Kampot province is expected to be approved this year</p> <p>Discussing with provincial leader to support and establish operational management committee of fisheries refugia in Preah Sihanouk and then stakeholder</p>

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			<p>Administration, Fisheries Administration, Provincial Department of Agriculture, Forestry, and Fisheries, Provincial Department of Environment, Provincial Department of Land Management, Provincial Department of Public Works and Transports, Provincial Department of Tourism, Provincial Police, Provincial Military Police, Maritime Police No. 430, Maritime Open Committee, Private Sector, NGOs (MCC, IUCN, and FFI), and Community Fisheries</p> <p>There is one type of operational management committee of fisheries refugia in Koh Kong province naming: Technical Working Group for Marine Fisheries Resource Management chaired by Provincial Deputy Governor and its memberships are from Provincial Administration, Fisheries Administration, Provincial Department of Agriculture, Forestry, and Fisheries, Provincial Department of Environment, Provincial Department of Land Management, Provincial Department of Tourism, Provincial Police, Provincial Military Police, Maritime Police No. 269, Maritime Open Committee, and NGOs (WCS and FFI)</p>		consultation meeting will be conducted to accelerate this committee
Act.1.5: Strengthening civil society and community organization participation	Number of GEF Small Grants Programme projects commissioned and	Reports of <i>Refugia</i> -SGP partnership	Project is closely working with MCC, WEA, FFI, IUCN, FACT, and CFIs to ensure effective fisheries refugia and habitat management, focusing on:	100	

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in the management of 14 fisheries refugia sites	implemented in support of <i>refugia</i> management objectives		<ol style="list-style-type: none"> 1) Deploying concrete blocks to prevent illegal fishing, to protect and improve marine habitat as well as fish larvae stages and endangered animal species 2) Raising public awareness to the stakeholders and communities at all levels to understand the fisheries refugia approach and their roles for sustainable management of fisheries at the site level. 3) Providing materials and equipment (lifejacket, GPS and boats) to community fisheries for patrolling at refugia site 		
<p>Objective 2: Improving the management of critical habitats for fish stocks of transboundary significance via national and regional actions to strengthen the enabling environment and knowledge-base for fisheries <i>refugia</i> management in the South China Sea and Gulf of Thailand</p> <p>Outcomes 2: Increased institutional capacity in the 6 participating countries for the designation and operational management of fisheries refugia via the transformation of enabling environments and the generation of knowledge for planning</p>	Status of enabling environment reform, including extent of behavioural change among small-scale fisherfolk at priority sites. Extent of use of available environmental state and socio-cultural information in policy and planning frameworks.	<p>Endorsed polices and plans.</p> <p>Regular reports of meetings of national and regional project management bodies.</p> <p>Reports of independent mid-term and terminal project evaluations.</p>	<p>Fisheries refugia in Kep, Koh Kong, and Preah Sihanouk provinces were endorsed by the Royal Government of Cambodia, but fisheries refugia in Kampot province is not adopted yet (it is expected to adopt in December of this year.</p> <p>All meeting reports were made during stakeholder consultation meeting related to proclamation and management plan</p>		<p>Wait for being amended law on fisheries to expect to be adopted this year</p> <p>Fisheries refugia in Kampot province will be adopted this year</p>

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Act.2.1: Enhancing policy guidance for improved management of the effects of fishing on critical habitats	Status of policy revision and endorsement	1 endorsed revised policies	Fisheries Refugia Concept has been already integrated into amended law on fisheries	100	Wait for being amended law on fisheries to expect to be adopted this year
Act.2.2: Development of national guidelines on the establishment and operation of fisheries refugia and reflected in an updated regional refugia action plan	Status of endorsement of national guidelines	1 published national guidelines on establishing and operating fisheries <i>refugia</i>	National guideline on fisheries refugia has been finalized with the National Consultation.	98	Speed up with national consultant to complete it in December 2022
Act.2.3: Reforming national and regional policy, legal and planning frameworks for demarcating boundaries and managing refugia	Status of endorsement of national fisheries <i>refugia</i> policies, enactment of supporting laws, and plan implementation	Endorsed policy and executive orders, provincial/local ordinances and by-laws 1 endorsed National Action Plans for the management of priority fisheries <i>refugia</i> and associated biodiversity	Fisheries refugia in Kep, Koh Kong, and Preah Sihanouk provinces were endorsed by the Royal Government of Cambodia, but fisheries refugia in Kampot province is not adopted yet (it is expected to adopt in December of this year. National action plan for fisheries refugia has been finalized with nation consultant and being expected to complete in December 2022	95	Finalizing the new boundary of MFMA including fisheries refugia in Kampot province with provincial governor and it will be expected to adopt in December 2022
Act.2.4: Enhancing access to information relating to status and trends in fish stocks and their habitats in waters of the SCS marine basin	Volume of new and additional information compiled on biomass trends; recruitment; fish size; fish habitat area and quality; and volume and value of landings by fishing area and fishing gear use	Quarterly and annual reports on fish stocks and habitats published online	FiA lacks resource person to develop access to information and data related to the status and trends in fish stock, but FiA has closely collaborated with FFI, MCC, and WEA to conduct assessment of Marine Habitat in the whole coastal area. The result will be documented by December 2022	85	Sharing marine habitat reports with other countries and SEAFDEC/PCU when FiA receive the reports from development partners

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Act.2.5: Improved national and regional-level management and sharing of information and data on fish early life history	Status of national and regional databases and the number of datasets contained therein	1 databases online and populated with datasets	<p>The analysis of fish larvae data was completed and the report was shared with other countries through regional fisheries refugia website.</p> <p>Moreover, two fisheries officers from IFReDI/FiA have been nominated to attend the training course on fish larvae from 16 November to 3rd December 2022 in TD, Thailand.</p>	95	Cambodia is still available of fish larvae samplings and these samplings will be collected for the participation of training course on fish larvae in TD, Thailand
Act.2.6: Enhancing access to information relating to the locations and status of coastal habitats and management areas	Status of the national and regional GIS and the number of sites presented and characterised	1 national Geographical Information System online and populated with site-based information	<p>FiA has been working with development partners (FFI, WEA, MCC, and FAO) to assess coastal habitat and management area in the whole coastal area.</p> <p>FiA will plan to share this report at provincial and national level through the meeting of TWG for Fisheries, stakeholder's consultation, and site base management board and posted by online</p>	95	FiA need to consult with CSOs to post this report by online
Act.2.7: Strengthening the information base for the planning, monitoring and evaluation of management at priority fisheries refugia sites	Completeness of site characterisations for 14 priority <i>refugia</i>	Characterisations for <i>refugia</i> sites accessible online	The reports on management plan of fisheries refugia in Koh Kong and Preah Sihanouk provinces and national guideline and action plan for fisheries refugia will be shared with SEAFDEC/PCU in December 2022	85	<p>Management plan for fisheries refugia in Koh Kong and Preah Sihanouk provinces will be completed in December 2022, and Management plan for fisheries refugia in Kampot is in process in December 2022.</p> <p>National guideline and action plan for fisheries refugia management will be</p>

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					completed in December 2022
Act.2.8: Improving basin-wide understanding of linkages between ocean circulation patterns, nutrient/chlorophyll concentrations, and sources and sinks of fish larvae	Status of modelling system and extent of its use in decision-making and planning	1 regional modelling system online	This task was cancelled at PSC2.		
Act.2.9: Regionally and locally appropriate best practices generated to address the effects of trawl and push net fishing on seagrass habitat, and the capture of juveniles, pre-recruits and fish in spawning	Status of demonstration activities Number of best practice fishing methods and practices demonstrated	4 published reports of the results of demonstrations	FiA closely worked with FiACs, CSOs, and Community Fisheries to build and deploy concrete boxes into fisheries refugia sites to prevent trawlers and other illegal fishing gears and to protect fish larvae stage, and maire habitat. So far, 345 concrete boxes in Kep, 50 concrete boxes in Koh Kong, and other 50 concrete boxes in Kampot were deployed into the refugia sites.	95	FiA need to discuss with CSOs (MCC and WEA) to build more concrete boxes for deploying these boxes into other places of refugia site.
Objective 3: Information Management and Dissemination in support of national and regional-level implementation of the fisheries <i>refugia</i> concept in the South China Sea and Gulf of Thailand Outcomes 3: Strengthened knowledge management and information sharing and access for enhanced	Extent of demonstrable use of examples of good practice in guiding the replication, scaling-up and mainstreaming of good practices	Routine communications on progress and lessons learned prepared and shared Annual results reports published and disseminated National and regional web portals for knowledge management and information	Progress report and the achievement of fisheries refugia project were disseminated and distributed to relevant stakeholders at local, provincial, and national level during site base management board meeting and national fisheries refugia committee meeting, organized provincial administration and fisheries administration. Moreover, these reports were shared with other countries through the regional website of fisheries refugia project.		

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uptake of good practice in integrating fisheries management and biodiversity conservation in the design and implementation of fisheries and environmental management systems, including Marine Spatial Planning		exchange accessible online	In particular, FiA of Cambodia also exchanged knowledge and experiences of fisheries refugia management and establishment with DOF of Thailand from 12-14 September 2022 in Kep and Kampot provinces.		
Act.3.1: Enhancing uptake of best practices in integrating fisheries management and biodiversity conservation	Number of best practice approaches and measures tested and codified Number, scope and reach of communications to share best practices Demonstrable use of best practices in policy and planning	1 online national catalogue of best practice approaches and measures 4 communications on best practices published and syndicated	Three fisheries refugia sites in Kep, Koh Kong, and Preah Sihanouk provinces were endorsed by the Royal Government of Cambodia. Management measures of fisheries management and biodiversity conservation are taken to deploy concrete boxes, disseminate closing season, patrol, and install mooring buoys for the demarcation of the boundary	95	Quarter technical field reports were shared with other countries through the regional fisheries refugia website.
Act.3.2: Improving community acceptance of area-based approaches to marine management	Extent of community acceptance of the use of fisheries <i>refugia</i> in coastal fisheries management	At least 4 awareness materials published online At least 4 reports of outreach programmes at each priority refugia locations, including tracking of extent of community acceptance	All established refugia accepted by community as well as participated in preparation for 5year-action plan of the refugia management, raising public awareness of fisheries refugia, and patrolling refugia sites	95	FiA need to discuss with development partners furthermore to increase knowledge to community fisheries related to dissemination and patrolling
Act.3.3: Knowledge generated and experiences from establishing and operating fisheries refugia captured	Status of national web portals	1 online national web portals on fisheries <i>refugia</i>	Experiences on fisheries refugia establishment and management has been shared at national and provincial level as well as at Faculty of Fisheries	95	Reports on establishment and operation of fisheries refugia were shared

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and shared nationally, regionally, and globally	Status of publication of GEF IW experience notes	1 published GEF IW experience notes on application of fisheries <i>refugia</i> in the South China Sea and Gulf of Thailand	Science in the Royal University of Agriculture. Recently, FiA exchanged the experiences and knowledge on fisheries refugia establishment and management in Kampot and Kep provinces of Cambodia with the Department of Fisheries of Thailand.		through regional website of fisheries refugia.
Act.3.4: Information and Education Campaigns for small-scale fisherfolk on the links between fisheries, habitats and biodiversity coordinated regionally through a Regional Education and Awareness Centre	Status of the Regional Education and Awareness Centre at SEAFDEC Volume of information and education material compiled, produced and made accessible	Information and education materials accessible at SEAFDEC and online	(Input by PCU)		
Act.3.5: Standardised methods for collection and analysis of information and data for use in assessing impacts of refugia and design appropriate indicators for the longer-term operation of the regional system of fisheries refugia	Status of regional agreements Extent of demonstrated use of the agreed procedures in operation of site-level information and data collection programmes	1 regionally endorsed report published online	(Input by PCU)		
Objective 4: National and regional cooperation and coordination for integrated fish stock and critical habitat	Extent and continuity of stakeholder participation in meetings of project	Regular reports of meetings of national and regional project management bodies	All meeting reports were made during each NFRC, NSTC, and Site Base Management Board Meeting and these		

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management in the South China Sea and Gulf of Thailand Outcomes 4 Cost-effective and efficient coordination of national and regional level cooperation for integrated fisheries and environmental management	management bodies, including the scope and uptake of joint management and planning decisions	Reports of independent mid-term and terminal project evaluations	reports were shared with participants at those meetings.		
Act.4.1: Strengthened cross-sectoral coordination in the establishment and operation of fisheries refugia in the participating countries	Extent and continuity of national government agency participation in National Fisheries <i>Refugia</i> Committee meetings	1 NFRC Terms of Reference and Numbers of meeting reports (joint management decisions and participant lists)	There were Six NFRC meetings reports and 120 participants in those meetings. The meetings were conducted in FiA to share project progress report with Technical Working Group for Fisheries chaired by Director General of FiA and were attended from relevant departments under FiA, Fund Donor, and International and National Organization. Moreover, NFRC plays a main role in guiding and supporting fisheries refugia operation and management in Kep, Koh Kong and Kampot provinces.	95	Need more meetings with NFRC
Act.4.2: Harnessing national scientific and technical expertise and knowledge to inform policy, legal and institutional reforms for fisheries refugia	Status of the NTSC's and the uptake of the scientific and technical advice they provide	1 NTSC Terms of Reference and 96 quarterly meeting reports (scientific and technical advice and participants lists)	There were 12 NSTC meeting reports and 180 participants in those meeting. The meetings were conducted in FiA to share project progress report with Sub-Technical Working Group for socioeconomic and conservation chaired by Deputy Director General of FiA and participants were from relevant departments under FiA, and International and National Organization.	95	Need more meetings with NSTC

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			NSTC plays an important role in providing a scientific and technical information to NFRC for consideration in policy and legal reform on marine fisheries conservation and habitat management		
Act.4.3: Catalyzing local community action via establishment and operation of site-based management boards at priority refugia sites	Continuity of participation of community stakeholders in the planning, monitoring and evaluation of fisheries <i>refugia</i> management	Management Board Terms of Reference Quarterly meeting reports (joint management decisions and participant lists)	24 Site base management board meetings and were organized regularly in Kep and Koh Kong provinces, chaired by Provincial Governor or Deputy Governor. Site base management board has main duties as follow: 1) Managing and operating fisheries refugia; 2) Organizing and implementing a management plan; 3) Preparing a patrolling group, 4) Defining and demarcating the boundary of fisheries refugia; 5) Installing mooring buoys around the refugia sites; 6) Educating and disseminating closing season and importance of fisheries refugia; 7) Participating meeting to coordinate and solve all issues happening during the project implementation; 8) Studying technical and research, 9) Surveying and monitor biological status of fisheries species	95	No available of site base management board meeting in Kampot province due to fisheries refugia in Kampot not to be adopted. FiA needs to discuss with provincial governor to approve the new boundary of MFMA and fisheries refugia site.
Act.4.4: Regional cooperation in the integration of scientific knowledge and research	Status of the RSTC and the uptake of the scientific and	1 RSTC Terms of Reference and 4 annual meeting reports	(Input by PCU)		

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outputs with management and policy making	technical advice it provides Continuity of participation of members in annual meetings	(documenting scientific and technical advice and participant lists)			
Act.4.5: Regional cooperation in the establishment and operation of a regional system of fisheries refugia	Status of the PSC Continuity of participation of members in annual meetings	1 PSC Terms of Reference and 8 annual meeting reports (documenting joint decisions and participant lists)	(Input by PCU)		
Act.4.6: Effective coordination of regional and national-level activities and reporting requirements of UNEP and GEF satisfied	Program coordination unit recruited, and staff retained	Terms of Reference and contracts for project coordination unit staff	(Input by PCU)		