

ACHIEVEMENTS AS OF 31 OCTOBER 2022

INDONESIA

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>	(Describe briefly align with Means of verification)		
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	<p>(Describe briefly include numbers of Refugia profiles, agreed maps by stakeholders)</p> <p>Fisheries refugia profile for both sites in Indonesia already reviewed and finalized. This profile document including comprehensive information such as characteristic of the refugia sites, delineated area of the refugia and recommended management measures for both sites.</p>	100%	
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	Published management plans and numbers of implementation reports	<p>(Describe briefly include numbers of Management plan for each refugia site)</p> <p>The fisheries Refugia team under the Agency of Marine and Fisheries Research and Human Resources has</p>	100 %	

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	fisheries <i>refugia</i> (ha) under management		<p>been produces several policy papers which contained required information to develop management plan based on fisheries refugia concept. The papers are:</p> <ol style="list-style-type: none"> 1) Academic draft for establishing fisheries refugia management plan in West Kalimantan; 2) Academic draft for establishing fisheries refugia management of Bangka Belitung Province. 3) Policy brief of establishing fisheries refugia in West Kalimantan Province. 4) Policy brief of establishing fisheries refugia in Bangka Belitung Province. <p>These papers will be basis for other agency to develop management plan and regulation regarding fisheries refugia.</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]	<p>(Describe briefly include numbers of networking meetings or stakeholder consultation meetings to support development of management plan)</p> <p>In order to enhance community and policy maker' acceptance on fisheries management based fisheries refugia concept, therefore, several meetings that engaged stakeholders have been conducted during the project implementation such as inception meeting, expert hearing and coordination meeting.</p>		

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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	(Describe briefly including list of operational management/enforcement committee at each refugia site) Participation of the targeted community members during the process for establishing fisheries refugia based recommendation has been facilitated through socialization programme. The community engagement during the initiation of establishing fisheries refugia system in Indonesia is essential to enhance community acceptances.	100%	
Act.1.5: Strengthening civil society and community organization participation in the management of 14 fisheries refugia sites	Number of GEF Small Grants Programme projects commissioned and implemented in support of <i>refugia</i> management objectives	Reports of <i>Refugia</i> -SGP partnership	(Describe briefly on how the project engage Civil society and community organization (CSO) including number of technical papers on socioeconomic aspects from CSO or the project.) The small grants program project not implemented, however, an effort to strengthen civil society and community organization participation in the management of fisheries refugia has been initiated through community involvement in survey for establishing FR in both sites. Note: The community involvement has been conducted, the reports still on drafting	70 %	the Indonesia Fisheries refugia team still completing the reports
Objective 2: Improving the management of critical habitats for fish stocks of transboundary significance via national and regional actions to	Status of enabling environment reform, including extent of behavioural change among small-scale	Endorsed polices and plans. Regular reports of meetings of national	(Describe briefly align with Means of verification)		

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<p>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>	<p>fisherfolk at priority sites. Extent of use of available environmental state and socio-cultural information in policy and planning frameworks.</p>	<p>and regional project management bodies.</p> <p>Reports of independent mid-term and terminal project evaluations.</p>			
<p>Act.2.1: Enhancing policy guidance for improved management of the effects of fishing on critical habitats</p>	<p>Status of policy revision and endorsement</p>	<p>1 endorsed revised policies</p>	<p>(Describe briefly the recently revised policy that includes the Fisheries Refugia Concept)</p> <p>An effort to revise the existed fisheries management policy was not possible to be conducted during the project time frame. Nevertheless, a document required to revise a policy and supplement a policy by involving the fisheries refugia concept has been prepared. This fisheries refugia review documents provided several information regarding the regulation of fisheries management and marine spatial management.</p>	<p>100</p>	
<p>Act.2.2: Development of national guidelines on the establishment and operation of fisheries refugia and reflected in an updated regional refugia action plan</p>	<p>Status of endorsement of national guidelines</p>	<p>1 published national guidelines on establishing and operating fisheries <i>refugia</i></p>	<p>(Describe briefly the progress on National Guidelines)</p> <p>national guideline on establishing and operating fisheries refugia has been finalized and will be submitted the authorized agency to be used as</p>	<p>100</p>	

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			document for supporting fisheries management in Indonesia especially for Fisheries Management Area 711.		
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	(Describe briefly the endorsed Fisheries Refugia either in form of the Provincial Order, Proclamation, etc., including status of the National Action Plans). The fisheries refugia team has produced academic draft for establishing fisheries refugia management plan in West Kalimantan and Bangka. This document can be used by the national/provincial authorized agency to endorsed policy and to formulate National Action plans for fisheries refugia management which will be in line with the MMAF national programme. The academic draft for establishing fisheries refugia in West Kalimantan has been received by the provincial government to endorsed policy and to formulate regulation based on fisheries refugia.	80%	The academic draft of establishing fisheries refugia for Bangka Belitung Province and National authority will be delivered before the end of this month.
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	(Describe briefly how country feedback to this, country may link to the fisheries statistics at national and regional levels) The information about fish stock and critical habitat were acquired during the survey, and several comprehensive studies have been conducted within two years (2020-2021) regarding population structure, biological aspect	100	

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			and habitat condition of the species target, as well as postharvest industry, oceanography, socioeconomic condition to provide the condition of the species target and its critical habitat. Therefore, the technical report from comprehensive studies has produced and uploaded to the website FR Indonesia.		
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 database online and populated with datasets	<p>Describe briefly the progress)</p> <p>The fisheries refugia team formulated all information that will be shared on the database and are designing databased layout to be more informative for user. This database will be available online before the end of November and will be accessible via Indonesia fisheries refugia website.</p>	50	
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>Describe briefly the progress</p> <p>National Geographical Information system has been developed and accessible online.</p>	100	
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	<p>(Describe briefly the progress, be noted that the PCU complied theses information from country and creates link to regional website)</p> <p>Characterisations for refugia sites has been upload in FR website.</p>	100	
Act.2.8: Improving basin-wide understanding of linkages between ocean circulation patterns,	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.		

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nutrient/chlorophyll concentrations, and sources and sinks of fish larvae					
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	Describe briefly, the progress The fisheries refugia team has identified selective fishing gears in the proposed fisheries refugia area. To support fisheries refugia implementation there were four reports which were being prepared to inform regarding existing fishing gears and as well as the appropriate fishing gears to be operated in both site.	50	
<p>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</p> <p>Outcomes 3: Strengthened knowledge management and information sharing and access for enhanced 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</p>	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 exchange accessible online	(Describe briefly align with Means of verification)		

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Act.3.1: Enhancing uptake of best practices in integrating fisheries management and biodiversity conservation	<p>Number of best practice approaches and measures tested and codified</p> <p>Number, scope and reach of communications to share best practices</p> <p>Demonstrable use of best practices in policy and planning</p>	<p>1 online national catalogue of best practice approaches and measures</p> <p>4 communications on best practices published and syndicated</p>	<p>Describe briefly, the progress</p> <p>The paper about the process of establishing fisheries refugia in Indonesia is being prepared by the Indonesia fisheries refugia team.</p>	30	
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	<p>At least 4 awareness materials published online</p> <p>At least 4 reports of outreach programmes at each priority refugia locations, including tracking of extent of community acceptance</p>	<p>Describe briefly, the progress</p> <p>The awareness materials to improve community acceptance have been produced and disseminated through several outreach meeting. This awareness materials were also published in FR Indonesia website.</p> <p>The outreach program has been conducted during the project,</p>	80	
Act.3.3: Knowledge generated and experiences from establishing and operating fisheries refugia captured and shared nationally, regionally, and globally	<p>Status of national web portals</p> <p>Status of publication of GEF IW experience notes</p>	<p>1 online national web portals on fisheries <i>refugia</i></p> <p>1 published GEF IW experience notes on application of fisheries <i>refugia</i> in the South China Sea and Gulf of Thailand</p>	<p>Describe briefly, the progress</p> <p>Indonesia has developed national web portal on fisheries refugia. The fisheries refugia team has drafted experience notes on application of fisheries refugia.</p>	100	
Objective 4:	Extent and continuity of stakeholder	Regular reports of meetings of national	Describe briefly		

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<p>National and regional cooperation and coordination for integrated fish stock and critical habitat management in the South China Sea and Gulf of Thailand</p> <p>Outcomes 4 Cost-effective and efficient coordination of national and regional level cooperation for integrated fisheries and environmental management</p>	<p>participation in meetings of project management bodies, including the scope and uptake of joint management and planning decisions</p>	<p>and regional project management bodies</p> <p>Reports of independent mid-term and terminal project evaluations</p>			
<p>Act.4.1: Strengthened cross-sectoral coordination in the establishment and operation of fisheries refugia in the participating countries</p>	<p>Extent and continuity of national government agency participation in National Fisheries <i>Refugia</i> Committee meetings</p>	<p>1 NFRC Terms of Reference and</p> <p>Numbers of meeting reports (joint management decisions and participant lists)</p>	<p>Describe briefly, including numbers of NFRD meeting</p> <p>NFRC meeting has been conducted routine at least twice in year.</p>	100	
<p>Act.4.2: Harnessing national scientific and technical expertise and knowledge to inform policy, legal and institutional reforms for fisheries refugia</p>	<p>Status of the NTSC's and the uptake of the scientific and technical advice they provide</p>	<p>1 NTSC Terms of Reference and 96 quarterly meeting reports (scientific and technical advice and participants lists)</p>	<p>Describe briefly, including numbers of NTSC meeting</p> <p>NSTC meeting has been conducted routine at least twice in year.</p>	100	
<p>Act.4.3: Catalyzing local community action via establishment and operation of site-based management boards at priority refugia sites</p>	<p>Continuity of participation of community stakeholders in the planning, monitoring and evaluation of fisheries <i>refugia</i> management</p>	<p>Management Board Terms of Reference</p> <p>Quarterly meeting reports (joint management decisions and participant lists)</p>	<p>Describe briefly, including numbers of Site-based management board meeting.</p> <p>Management Board meeting has been conducted at least one in a year.</p>	100	