

ACHIEVEMENTS AS OF 31 OCTOBER 2022

Country Name: THAILAND

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>	<p>Status of formal designation, management plan adoption, and community engagement in implementation of agreed management measures, including enforcement, for priority sites</p>	<p>Adopted management plans</p>	<p>Management planning was already done via the cooperation between DOF and Fisheries <i>Refugia</i> Management Team for each site before considered and improved by National Scientific and Technical Committee. The plans will be reconsidered and adopted by Site-based Fisheries <i>Refugia</i> Management Board and Fisheries <i>Refugia</i> Management Team for each site in Nov 2022 (Ref: Report No 44, 47).</p>		
		<p>Regular reports of meetings of national and regional project management bodies.</p>	<p>Meeting reports of National Fisheries <i>Refugia</i> Committee, National Scientific and Technical Committee, and Site-based Management Board in each fisheries <i>refugia</i> site were regularly submitted (Ref: Report No 7, 9, 11, 12, 17, 18, 19, 20, 21, 22, 23, 32, 33, 34, 36, 37, 38, 41, 42, 46).</p>		
		<p>Reports of independent mid-term and terminal project evaluations</p>			
<p>Act.1.1: Developing fisheries and coastal habitat information and data collection programmes</p>	<p>Status of boundary delineation and agreement on proposed management interventions</p>	<p>Fisheries <i>refugia</i> profile reports, including maps and site characterisations, published for priority sites</p>	<p>The 2 fisheries <i>refugia</i> profile reports, including maps and site characterisations for Trat and Surat Thani Sites were published (Ref: Report No 25, 31).</p>	100	
<p>Act.1.2: Facilitating agreement among stakeholders on the boundaries of fisheries refugia</p>	<p>Status of adoption and implementation of the management plans. Total area of fisheries <i>refugia</i> (ha) under management</p>	<p>Published management plans and numbers of implementation reports</p>	<p>Management plans were prepared and included in the reports of the Workshop on Fisheries <i>Refugia</i> Operational Management at Trat and Surat Thani Sites (Ref: Report No 44, 47). Implementation report was the activity of fisheries <i>refugia</i> boundary marking at Surat</p>	100	

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			Thani Site (Ref: Report No 45).		
Act.1.3: Developing Community-Based Management Plans	Status and effectiveness of the management board and volunteer networks	Quarterly reports of network meetings and activities [including list of participants and results of work]	13 Network/stakeholder meetings and activities [including list of participants and results of work] to support development of management plan were regularly organized (Ref: Report No 1, 2, 3, 4, 5, 6, 13, 14, 26, 35, 44, 45, 47).	100	
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	There are 2 operational management plans including list of operational management committee at Surat Thani and Trat <i>refugia</i> sites (Ref: Report No 44, 47).	100	
Act.1.5: Strengthening civil society and community organization participation in the management of 14 fisheries <i>refugia</i> 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	Fisheries <i>refugia</i> project in Thailand has fully engaged civil society and community organization by the activities of site-based committee meetings and stakeholder consultations (Ref: Report No 5, 6, 13, 14, 18, 19, 23, 26, 34, 35, 41, 44, 45, 46, 47). There are 2 papers of socioeconomic aspects in Trat and Surat Thani <i>refugia</i> sites published (Ref: Report No 29, 30). Besides, There was “a training-workshop on socioeconomic study and value chain analysis of fisheries” for personnel involved in the task of socioeconomic of fishers in Thailand (Ref: Report No 24).	100	
Objective 2: Improving the management of critical habitats for fish stocks of	Status of enabling environment reform, including extent of	Endorsed polices and plans.	Management plans are to be endorsed at the upcoming Site-based Fisheries <i>Refugia</i> Management Board Meetings at Trat and Surat Thani Provinces in November 2022		

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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 Outcomes 2: Increased institutional capacity in the 6 participating countries for the designation and operational management of fisheries <i>refugia</i> via the transformation of enabling environments and the generation of knowledge for planning	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.	Regular reports of meetings of national and regional project management bodies. Reports of independent mid-term and terminal project evaluations	Meeting reports of National Fisheries <i>Refugia</i> Committee, National Scientific and Technical Committee, and Site-based Management Board in each fisheries <i>refugia</i> site were regularly submitted (Ref: Report No 7, 9, 11, 12, 17, 18, 19, 20, 21, 22, 23, 32, 33, 34, 36, 37, 38, 41, 42, 46).		
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	Endorsed revised policies for fisheries in Thailand which include the Fisheries <i>Refugia</i> Concept were the endorsed “Marine Fisheries Management Plan of Thailand 2020-2022” (Ref: Report No 28, 39).	100	
Act.2.2: Development of national guidelines on the establishment and operation of fisheries <i>refugia</i> and reflected in an updated regional <i>refugia</i> action plan	Status of endorsement of national guidelines	1 published national guidelines on establishing and operating fisheries <i>refugia</i>	National guidelines on establishing and operating fisheries <i>refugia</i> will be published by November 2022.	95	
Act.2.3: Reforming national and regional policy, legal and planning frameworks for demarcating boundaries and managing <i>refugia</i>	Status of endorsement of national fisheries <i>refugia</i> policies, enactment of supporting laws, and	Endorsed policy and executive orders, provincial/local ordinances and by-laws	There are 2 endorsements of national fisheries <i>refugia</i> policies/executive orders: Notifications of Ministry of Agriculture and Cooperatives for Fisheries <i>Refugia</i> in Trat Province; and Notification of Surat Thani Provincial Fisheries Committee for Fisheries <i>Refugia</i> in Surat Thani Province (Ref: Report No 44, 47).	95	

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	plan implementation	1 endorsed National Action Plans for the management of priority fisheries <i>refugia</i> and associated biodiversity	National Action Plans for the management of priority fisheries <i>refugia</i> and associated biodiversity are to be endorsed at upcoming Site-based Fisheries <i>Refugia</i> Management Board Meetings at Trat and Surat Thani Provinces in November 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	Data set of national fisheries management, fishery biology of significant species in the Gulf of Thailand, fish stocks and habitats, and fisheries statistics of Thailand are published online at the Thailand national web portal URL: https://inter.fisheries.go.th/fishrefugia	100	
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	Database of fisheries <i>refugia</i> in Thailand populated with datasets is created online at https://inter.fisheries.go.th/fishrefugia	100	
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	Status of location and management areas of fisheries <i>refugia</i> in Trat and Surat Thani Provinces are presented online in GIS format at the Thailand national web portal URL: https://inter.fisheries.go.th/fishrefugia . Site-based information are also provided online (Ref: Report No 25, 27, 29, 30, 31).	100	
Act.2.7: Strengthening the information base for the planning, monitoring and evaluation of management at priority fisheries <i>refugia</i> sites	Completeness of site characterisations for 14 priority <i>refugia</i>	Characterisations for <i>refugia</i> sites accessible online	Characterisations for 2 <i>refugia</i> sites in Thailand can be accessible online at Thailand national web portal URL: https://inter.fisheries.go.th/fishrefugia	100	
Act.2.8: Improving basin-wide	Status of modelling	1 regional modelling	This task was cancelled at PSC2.		

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understanding of linkages between ocean circulation patterns, nutrient/chlorophyll concentrations, and sources and sinks of fish larvae	system and extent of its use in decision-making and planning	system online			
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		
<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	<p>Routine communications on progress and lessons learned prepared and shared</p> <p>Annual results reports published and disseminated</p> <p>National and regional web portals for knowledge management and information exchange accessible online</p>	<p>Communications on progress and lessons learned in fisheries <i>refugia</i> including consultation on project implementation are regularly done (Ref: Report No 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 32, 33, 34, 36, 37, 38, 41, 42, 46).</p> <p>Knowledge management and information exchange are accessible online at Thailand national web portal URL: https://inter.fisheries.go.th/fishrefugia</p>		

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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	1 online national catalogue of best practice approaches and measures	1 Dataset of fisheries management for the areas and periods of egg-bearing, spawning, and larval rearing of aquatic animals in some parts of the fishing grounds in the Gulf of Thailand are provided online at https://inter.fisheries.go.th/fishrefugia	100	
	Number, scope and reach of communications to share best practices	4 communications on best practices published and syndicated	4 communications on best practices are included in stakeholder consultation workshops and local community consultation meetings at Trat and Surat Thani Sites (Ref: Report No 5, 6, 26, 35).		
	Demonstrable use of best practices in policy and planning				
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	4 awareness materials for fisheries <i>refugia</i> were published online in Thailand national web portal on fisheries <i>refugia</i> URL: https://inter.fisheries.go.th/fishrefugia	100	
		At least 4 reports of outreach programmes at each priority <i>refugia</i> locations, including tracking of extent of community acceptance	1. Report of the training-workshop on socio-economic study and value chain analysis of fisheries (Ref: Report No 24) 2. Report of the training-workshop on the introduction of Ecopath with Ecosim Program for the assessment and management of fisheries resources (Ref: Report No 40) 3. Report of the training-workshop on diving for coastal resources survey (Ref: Report No 43) 4. Report of the workshop on fisheries <i>refugia</i> boundary marking at Surat Thani Site (Ref: Report No 45)		
Act.3.3: Knowledge generated and experiences from establishing and operating	Status of national web portals	1 online national web portals on fisheries <i>refugia</i>	1 online Thailand national web portal on fisheries <i>refugia</i> were created as the URL: https://inter.fisheries.go.th/fishrefugia	100	

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fisheries refugia captured 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	Done		
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 management in the South China Sea and Gulf of Thailand Outcomes 4 Cost-effective and efficient	Extent and continuity of stakeholder participation in meetings of project management bodies, including the scope and uptake of joint management and planning decisions	Regular reports of meetings of national and regional project management bodies Reports of independent mid-term and terminal project evaluations	Meeting reports of National Fisheries <i>Refugia</i> Committee, National Scientific and Technical Committee, and Site-based Management Board in each fisheries <i>refugia</i> site were regularly submitted (Ref: Report No 7, 9, 11, 12, 17, 18, 19, 20, 21, 22, 23, 32, 33, 34, 36, 37, 38, 41, 42, 46).		

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coordination of national and regional level cooperation for integrated fisheries and environmental management					
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)	NFRC Terms of Reference was done (Ref: Notification of the Department of Fisheries No. 459/2564 (2021) Re: Appointment of Thailand's National Fisheries <i>Refugia</i> Committee). There were 9 NFRD meetings organized (Ref: Report No 7, 9, 12, 17, 20, 21, 33, 36, 42).	95	
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)	NTSC Terms of Reference was done (Ref: Notification of the Department of Fisheries No. 460/2564 (2021) Re: Appointment of Thailand's National Scientific and Technical Committee). There were 7 NFRD meetings organized (Ref: Report No 7, 22, 32, 37, 38, 49 (in preparing))	100	
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)	Site-based management board Terms of Reference was done (Ref: Notification of Trat Province No. 808/2564 (2021) Re: Appointment of Site-based Fisheries <i>Refugia</i> Management Board in Trat Province; and Notification of Surat Thani Province No. 2932/2564 (2021) Re: Appointment of Site-based Fisheries <i>Refugia</i> Management Board in Surat Thani Province). There were 6 Site-based management board meetings organized (Ref: Report No 18, 19, 23, 34, 41, 46).	95	
Act.4.4: Regional cooperation in the integration of scientific knowledge and research outputs with management and policy making	Status of the RSTC and the uptake of the scientific and technical advice it provides Continuity of	1 RSTC Terms of Reference and 4 annual meeting reports (documenting scientific and technical advice and participant lists)	(Input by PCU)		

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	participation of members in annual meetings				
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)		