

# Implementing the Strategic Action Programme for the South China Sea and Gulf of Thailand (SCS SAP Project)

First Meeting of the Regional Working Group on Coral Reefs

Teleconference, 2 December 2021

# PLAN FOR SAP IMPLEMENTAION IN THE SCS SAP PROJECT, CORAL REEF FOCAL AREA, 2021-2023









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#### 1. INTRODUCTION

The objective of the Strategic Action Programme for the South China Sea and Gulf of Thailand (SCS SAP Project) is:

"To assist countries in meeting the targets of the approved Strategic Action Programme (SAP) for the marine and coastal environment of the South China Sea (SCS) through implementation of the National Action Plans in support of the SAP, and strengthening regional co-ordination for SCS SAP implementation."

This will be achieved through the cooperation of participating countries, intergovernmental organizations, regional organizations, public-private sectors partnerships, civil society and non-governmental organizations (NGOs), leading scientists from the region. The project will also contribute to global targets such as the Sustainable Development Goals and Agenda 2030 and the Convention on Biological Diversity (CBD) Post 2020 Biodiversity Framework.

The three components of the project correspond each to three main objectives:

- Component 1. Reducing habitat degradation and loss via national and local reforms to achieve Strategic Action Programme targets for coastal habitat management in the South China Sea;
- Component 2. Strengthening knowledge-based action planning for the management of coastal habitats and land-based pollution to reduce environmental degradation of the South China Sea; and
- Component 3. Facilitating regional and national level integration and cooperation for implementation of the South China Sea Strategic Action Programme

Related to coral reef management under the component 1, the expected outcome is 110,430 ha of coral reef at 46 priority sites managed sustainably, including a reduction in the decadal rate of degradation in live coral cover from 16 to 5%. To meet this outcome, activities at the site and national levels will include: supporting building management capacity (number/levels human resources, facilities and equipment, and sustainable financing mechanisms) for 46 coral reef sites, improving management approaches (integrated, community-based, multiple use) at 46 coral reef sites, developing management tools (licensing and permit systems, seasonal closures, zoning) in support of legal and regulatory reforms to address key threats at priority sites, and establishing mechanisms for monitoring management, ecological and socio-economic indicators at 46 coral reef sites.

This document summarizes the plans for implementing the SAP for coral reef focal area at the national level during 2021 - 2023. This will be used for follow-up activities and their outputs in next 2 years and wrap up the implementation of the SAP at the regional level.

# 2. PLANNED SAP IMPLEMENTATION AT THE NATIONAL LEVEL (2021-2023)

# 2.1. CAMBODIA

#### **Updated Sites and Targets**

The table below summarizes the original and revised sites and targets as included in the NIR

Table 1. Summary of original and revised coral reef targets and sites

	SAP	SCS SAP Project			
Output	Proposed sites/ Targets	Site 1 Koh Kong archipelago	Site 3 Koh Rong archipelago	Site 3 Koh Tonsay archipelago	Total (ha)
1.2.1 Management capacity (number/levels human resources, facilities and equipment, and sustainable financing mechanisms) built for 6 coral reef sites	Koh Kong archipelago Koh Sdach archipelago Koh Rong archipelago, Koh Takiev archipelago,	602	426	52	1,080
1.2.2 Management approaches (integrated, community-based, multiple use) improved at 6 coral reef sites		602	426	52	1,080
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	Koh Tang archipelago Prek Ampil, Koh Pou archieplago	602	426	52	1,080
1.2.4 Established mechanism for monitoring management, ecological and socio-economic indicators at 6 sites [based on SAP results framework]		602	426	52	1,080
Target for management through the SCS SAP project	2,260	602	426	52	1,080

Below is a summary of justification for any revision in the sites and targets

Table 2. Brief justification on any revision of sites

Site	Brief justification on selection
Koh Tonsay archipelago	Only elaborate if not an original SAP selected site. Justification may include 1) that the site requires urgent support due to unsustainable land-use 2) There has been significant habitat degradation over the last 10 years 3) National plans and/or projects will prioritize this site and will complement the SCS SAP funding to ensure sustainability 4) any other reasons as appropriate
Koh Sdach archipelago	As above
Koh Takiev archipelago	As above
Koh Tang archipelago	As above
Prek Ampil	As above
Koh Pouh archieplago	As above

Description of proposed activities per site

The full description of activities per site are included in the NIR. The subsequent table is a summary of main activities per site

Table 3. Summary of planned per site and cross cutting activities

Regional Output	Site 1 Koh Kong archipelago	Site 2 Koh Rong archipelago	Site 3 Koh Tonsay archipelago	Cross cutting activities (national level)	PCU Comments
	Training need assessment,	Training need assessment,	Training need assessment,	To be completed	
1.2.1 Management capacity built	conducting training on coral	conducting training on coral	conducting training on coral		
for 46 coral reef sites	reef management with	reef management with	reef management with		
	participation of aid	participation of aid	participation of aid		
	agencies/NGO	agencies/NGO	agencies/NGO		
	Building community-based	Building community-based	Building community-based	To be completed	
1.2.2 Management approaches	management committees,	management committees,	management committees,		
and policy, legal & institutional	Development of locally	Development of locally	Development of locally		
reforms (integrated, community-	appropriate learning materials	appropriate learning materials	appropriate learning materials		
based, multiple use) improved at	and strategies to facilitate	and strategies to facilitate	and strategies to facilitate		
46 coral reef sites	knowledge exchange on best	knowledge exchange on best	knowledge exchange on best		
	practice	practice	practice		
	Causal chain analyses for	Causal chain analyses for	Causal chain analyses for	To be completed	
	prioritizing management	prioritizing management	prioritizing management		
1.2.3 Management tools	measures, Development and	measures, Development and	measures, Development and		
(licensing and permit systems,	adoption of management plans	adoption of management	adoption of management		
seasonal closures, zoning)	by local authorities and	plans by local authorities and	plans by local authorities and		
	enactment of regulatory	enactment of regulatory	enactment of regulatory		
developed and utilized to	reforms, Development and	reforms, Development and	reforms, Development and		
address key threats at priority	implementation of	implementation of	implementation of		
sites	collaborative observer and	collaborative observer and	collaborative observer and		
	enforcement programs at the	enforcement programs at the	enforcement programs at the		
	site	site	site		
	Developing guidelines and	Developing guidelines and	Developing guidelines and	To be completed	The guidline will be
	conducting annual training on	conducting annual training on	conducting annual training on	_	developed specifically for
124541111 1 1 1 6	the collection of indicator data	the collection of indicator	the collection of indicator		each site or generally for all
1.2.4 Established mechanism for	based on coral reef	data based on coral reef	data based on coral reef		sites?
the monitoring of management,	management results	management results	management results		
ecological and socio-economic	framework, Establishment of a	framework, Establishment of	framework, Establishment of		
indicators at 46 sites	network of coral reef scientists	a network of coral reef	a network of coral reef		
	for collection of regionally	scientists for collection of	scientists for collection of		
	comparable data	regionally comparable data	regionally comparable data		

#### 2.3. INDONESIA

#### **Updated Sites and Targets**

The table below summarizes the original and revised sites and targets as included in the NIR

Table 4. Summary of original and revised coral reef targets and sites

	SAP	SCS SAP Project			
Regional Output		Site 1-	Site 2 –	Site 3 –	Total
1.2.1 Management capacity built for 46 coral reef sites		XX	XX	XX	XX
1.2.2 Management approaches and policy, legal and institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	Anambas Bangka Belitung Karimata Senayang	XX	XX	XX	XX
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	Lingga	XX	XX	XX	XX
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	1,000210	XX	XX	XX	XX
Target for management through the SCS SAP project	18,100	XX	XX	XX	XX

Below is a summary of justification for any revision in the sites and targets

Table 5. Brief justification on any revision of sites

Site	Brief justification on selection
Site 1 – Name	Only elaborate if not an original SAP selected site. Justification may include 1) that the site requires urgent support due to unsustainable land-use 2) There has been significant habitat degradation over the last 10 years 3) National plans and/or projects will prioritize this site and will complement the SCS SAP funding to ensure sustainability 4) any other reasons as appropriate
Site 2 – Name	As above
Site 3 - Name	As above

#### Description of proposed activities per site

The full description of activities per site are included in the NIR. The subsequent table is a summary of main activities per site.

Table 6. Summary of planned per site and cross cutting activities

Regional Output	Site 1 –	Site 2	Site 3 –	Cross cutting activities (national level)	PCU Comments
1.2.1 Management capacity built for 46 coral reef sites	To be completed	To be completed	To be completed	To be completed	
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community- based, multiple use) improved at 46 coral reef sites	To be completed	To be completed	To be completed	To be completed	
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	To be completed	To be completed	To be completed	To be completed	
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	To be completed	To be completed	To be completed	To be completed	

#### 2.4. PHILIPPINES

#### **Updated Sites and Targets**

The table below summarizes the original and revised sites and targets as included in the NIR

Table 7. Summary of original and revised coral reef targets and sites

	SAP			SCS SA	P Project	
Output	Proposed Sites	Site 1- Masinloc, Zambales	Site 2-El Nido, Palawan	Site 3 – Bolinao/Li ngayen Gulf	Site 4 – Batangas Bay, Maricaba n Strait	Total
1.2.1 Management capacity built for 46 coral reef sites		XX	XX	XX	XX	XX
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	Batangas Bay, Maricaban Strait Puerto Galera, Mindoro Calamianes Group of Islands El Nido, Palawan Port Barton Balabac	XX	XX	XX	XX	XX
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites		XX	XX	XX	XX	XX
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites		XX	XX	XX	XX	XX
Target for management through the SCS SAP project	12,500	748	1,920	1,384	354	4,406

Below is a summary of justification for any revision in the sites and targets

Table 8. Brief justification on any revision of sites

Site	Brief justification on selection
Site 1 – Batanes	Only elaborate if not an original SAP selected site. Justification may include 1) that the site requires urgent support due to unsustainable land-use 2) There has been significant habitat degradation over the last 10 years 3) National plans and/or projects will prioritize this site and will complement the SCS SAP funding to ensure sustainability 4) any other reasons as appropriate
Site 2 – Puerto Galera, Mindoro	As above
Site 3 – Calamianes Group of Islands	As above
Site 3 – Port Barton	As above
Site 3 - Balabac	As above

# Description of proposed activities per site

The full description of activities per site are included in the NIR. The subsequent table is a summary of main activities per site.

Table 9. Summary of planned per site and cross cutting activities

Regional Output	Site 1 – Masinloc, Zambales	Site 2 – El Nido, Palawan	Site 3 – Bolinao/Lingayen Gulf	Site 4 – Batangas Bay, Maricaban Strait	Cross cutting activities (national level)	PCU Comments
1.2.1 Management capacity built for 46 coral reef sites	Capacity Building for DENR Region III, PENRO, CENRO Masinloc & LGU Masinloc and Palauig Technical Staff including key stakeholders	Capacity building for PAMB members, PAMO staff and PA stakeholders	Capacity Building for DENR 1, CRMO & MAO Technical Staff including key stakeholders	Capacity building for re-tooling of Bantay Dagat members in Mabini and Tingloy; Training and deputization; Provision of logistical support (patrol boat, equipment,	To be completed	
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	Strengthening the Implementation of the LGUs' Municipal Fisheries Ordinance Integration of MOBPLS Management Plan, Response Plan, Water Quality Monitoring Plan, Ecotourism Management Plan, Coastal Resource Management Plan	Draft proposed policy on the mandatory utilization of mooring buoys in ecotourism sites with critical coral reef areas	MOA Signing with LGU Bolinao and LGU Anda; Strengthening the Implementation of the LGUs' Municipal Fisheries Ordinance Mainstreaming of ICM to CLUP	Support for the review and amendment of RESOLUTION NO. 88 – 2015 "RESOLUTION ADOPTING AND APPROVING MUNICIPAL ORDINANCE NO. 02 ENTITLED "AN ORDINANCE ENACTING THE COASTAL RESOURCE MANAGEMENT CODE OF THE MUNICIPALITY OF MABINI, BATANGAS AND FOR OTHER PURPOSES"; Support to the formulation of CRM Plan for Mabini and establishment of a CRM Office	To be completed	
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	Strengthening of Management Board of the MOBPLS	Draft carrying capacity for island ecotourism sites in ENTMRPA  Draft accreditation policy for motorized boats engaged in fishing and eco-tourism activities within ENTMRPA.	Green Fins accreditation of dive resort operators; Re-assessment of the established MPAs per LGU; Strengthening of Management Board of the MPAs		To be completed	

#### SCSSAP RWG-CR.1/5

Regional Output	Site 1 – Masinloc, Zambales	Site 2 – El Nido, Palawan	Site 3 – Bolinao/Lingayen Gulf	Site 4 – Batangas Bay, Maricaban Strait	Cross cutting activities (national level)	PCU Comments
		Registration of motorized boats engaged in fishing and eco-tourism activities within ENTMRPA.				
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	Conduct Coral Habitat Monitoring; Conduct Extraction of COTs and Coral bleaching Watch; Conduct Management Effectiveness Tracking Tool; Conduct SEAMS within the PA; Convergence with LGU in Patrolling and Monitoring Activities within the PA	Conduct of METT assessment	Conduct of regular BAMS for corals	Annual conduct of MEAT for locally established MPAs in Mabini and Tingloy	To be completed	

# 2.5. THAILAND

# **Updated Sites and Targets**

The table below summarizes the original and revised sites and targets as included in the NIR

Table 10. Summary of original and revised coral reef targets and sites

	SAP			SA	P SCS Pro	oject		
	Proposed Sites	Site 1 – Si Chang Island Group	Lan and	Site 3 – Koh Tao Island Group	Ko Kra	Site 5 – Losin Island	Site 6 – Mak Island	Total (ha)
1.2.1 Management capacity built for 46 coral reef sites	Mu Koh Chumporn	XX	XX	XX	XX	XX	XX	XX
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	Mu Koh Chang Mu Koh Ang Thong Mu Koh Samui Mu Koh Samet Sichang Group	XX	XX	XX	XX	XX	XX	XX
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	Sattaheep Group Lan and Phai Group Chao Lao Prachuab Koh Tao Group	XX	XX	XX	XX	XX	XX	XX
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	Song Khla Koh Kra Losin	XX	XX	XX	XX	XX	XX	XX
Target for management through the SCS SAP project	72,200	XX	XX	XX	XX	XX	XX	XX

Below is a summary of justification for any revision in the sites and targets

Table 11. Brief justification on any revision of sites

Site	Brief justification on selection
Mak Island	Only elaborate if not an original SAP selected site. Justification may include 1) that the site requires urgent support due to unsustainable land-use 2) There has been significant habitat degradation over the last 10 years 3) National plans and/or projects will prioritize this site and will complement the SCS SAP funding to ensure sustainability 4) any other reasons as appropriate
Mu Koh Chumporn	As above
Mu Koh Chang	As above
Mu Koh Ang Thong	As above
Mu Koh Samui	As above
Mu Koh Samet	As above
Sattaheep Group	As above
Chao Lao	As above
Prachuab	As above
Song Khla	As above

# Description of proposed activities per site

The full description of activities per site are included in the NIR. The subsequent table is a summary of main activities per site

Table 12. Summary of planned per site and cross cutting activities

Regional Output	Site 1 – Si Chang Island Group	Site 2 – Lan and Phai Islands Group	Site 3 – Koh Tao Island Group	Site 4 - Ko Kra Archipelago	Site 5 – Losin Island	Site 6 – Mak Island	Cross cutting activities (national level)	PCU Comments
1.2.1 Management capacity built for 46 coral reef sites  1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	N/A  Prepare the MSP policy and measurement	N/A  Conduct meetings to revise and adjust relevant law and policy on marine conservation area including MSP; Set up the committee to identify and develop MSP in 3 main zones	Increase management capacity to generate sustainable financial mechanism and finance solution for rehabilitation and restoration of coral reef  Strengthen capacity to develop the strategic plan for the management and enforcement of Article 22; Organize public hearings and awareness raising activities on the strategic plan for the management and enforcement of the Article 22	Build and strengthen capacity to manage and enforce the Article 20 of the Promotion of Marine and Coastal Resources Management Act B.E. 2558 (2015) including key organizations  Conduct research and review the effectiveness on the management and enforcement of Article 22 of the Promotion of Marine and Coastal Resources Management Act B.E. 2558 (2015); Develop M&E system to monitor and evaluate the	Build and strengthen capacity to manage and enforce the Article 20 of the Promotion of Marine and Coastal Resources Management Act B.E. 2558 (2015) including key organizations  Conduct research and review the effectiveness on the management and enforcement of Article 22 of the Promotion of Marine and Coastal Resources Management Act B.E. 2558 (2015); Develop M&E system to monitor and evaluate the	Support the capacity, facility and equipment for the replantation of coral reef  Strengthen capacity to develop the strategic plan for the management and enforcement of Article 22; Organize public hearings and awareness raising activities on the strategic plan for the management and enforcement of the Article 22	To be completed  To be completed	
				effectiveness and efficiency of Article 20; Establish partnership with Royal Thai Navy	effectiveness and efficiency of Article 20			
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to	Conduct research and set-up working group on MSP to identify and establish the MSP process (zoning on	Conduct meetings and workshops on MSP in 3 zones; Implementation of MSP in 3 zones	Develop campaign and organize activities for coral reef rehabilitation with the local community; Support	Conduct and monitor awareness raising event (eco- tourism campaign); Develop training kit and conduct	Conduct and monitor awareness raising event (eco- tourism campaign); Develop training kit and conduct training	Develop training kit and conduct training for tourist guide and tour operator; Organize activities and events on	To be completed	
and utilized to	conservation and		community, Support	training for tourist	and conduct training	marine debris;		

#### SCSSAP RWG-CR.1/5

Regional Output	Site 1 – Si Chang Island Group	Site 2 – Lan and Phai Islands Group	Site 3 – Koh Tao Island Group	Site 4 - Ko Kra Archipelago	Site 5 – Losin Island	Site 6 – Mak Island	Cross cutting activities (national level)	PCU Comments
address key threats	utilization), conduct		participate on the	guide and tour	for tourist guide and	Provide support for		
at priority sites	public hearing on		management of	operator	tour operator	mooring buoy		
	MSP policy and		mooring buoy			maintenance;		
	recommendation					Establish		
						partnership with key		
						stakeholders		
1.2.4 Established	Establish	Conduct activities	Establish	Establish	Develop Coastal and	Establish	To be completed	
mechanism for the	management	to monitor the	management	management	Marine SMART	management		
monitoring of	mechanism	management and	mechanism	mechanism	Patrolling Plan;	mechanism		
management,	(including M&E);	enforcement of	(including M&E);	(including M&E);	Establish	(including M&E);		
ecological and	Strengthening on-	MSP; Establish	Strengthening on-	Strengthening on-	management	Strengthening on-		
socio-economic	site management,	management	site management,	site management,	mechanism	site management,		
indicators at 46 sites	coordination and	mechanism	coordination and	coordination and	(including M&E);	coordination and		
	communication	(including M&E);	communication	communication	Strengthening on-	communication		
		Strengthening on-			site management,			
		site management,			coordination and			
		coordination and			communication			
		communication						

# **2.6. VIET NAM**

#### **Updated Sites and Targets**

The table below summarizes the original and revised sites and targets as included in the NIR

Table 13. Summary of original and revised coral reef targets and sites

		SCS SAP Project			
Regional Output	<b>Proposed Sites</b>	Site 1-	Site 2 –	Site 3 –	Total
1.2.1 Management capacity built for 46 coral reef sites	Cu Lao Cham	XX	XX	XX	XX
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community-based, multiple use) improved at 46 coral reef sites	Nha Trang bay Con Dao Phu Quoc Ninh Hai	XX	XX	XX	XX
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites		XX	XX	XX	XX
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	Tra Bach Long Vi	XX	XX	XX	XX
Target for management through the SCS SAP project (ha)	5,570	XX	XX	XX	XX

Below is a summary of justification for any revision in the sites and targets

Table 14. Brief justification on any revision of sites

Brief justification on selection
Only elaborate if not an original SAP selected site. Justification may include 1) that the site requires urgent support due to unsustainable land-use 2) There has been significant habitat degradation over the last 10 years 3) National plans and/or projects will prioritize this site and will complement the SCS SAP funding to ensure sustainability 4) any other reasons as appropriate
As above
As above

#### Description of proposed activities per site

The full description of activities per site are included in the NIR. The subsequent table is a summary of main activities per site.

Table 15. Summary of planned per site and cross cutting activities

Regional Output	Site 1 –	Site 2 –	Site 3 –	Cross cutting activities (national level)	PCU Comments
1.2.1 Management capacity built for 46 coral reef sites	To be completed	To be completed	To be completed	To be completed	
1.2.2 Management approaches and policy, legal & institutional reforms (integrated, community- based, multiple use) improved at 46 coral reef sites	To be completed	To be completed	To be completed	To be completed	
1.2.3 Management tools (licensing and permit systems, seasonal closures, zoning) developed and utilized to address key threats at priority sites	To be completed	To be completed	To be completed	To be completed	
1.2.4 Established mechanism for the monitoring of management, ecological and socio-economic indicators at 46 sites	To be completed	To be completed	To be completed	To be completed	