



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 Wetlands

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PLAN FOR SAP IMPLEMENTATION IN THE SCS SAP PROJECT, WETLAND FOCAL AREA, 2021-2023



UNOPS

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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

Under the component 1, the wetland component of the Strategic Action Programme focused on five specific types of wetlands, namely intertidal mudflats, estuaries, lagoons, peat swamps and non-peat swamp aiming the expected outcome to be “Integrated management of 783,900 ha of coastal wetland at 19 sites, including habitat restoration and protection strengthened at priority locations”. This will be achieved through three outputs which will be executed fully at the national level through national contracts through UNOPS and are fully detailed in the National Implementation Reports prepared during the Inception Phase. The three outputs include:

- 1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)
- 1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites).
- 1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation

This document summarizes the plans for implementing the SAP for wetland 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. Cambodia summary of original and revised mangrove targets and sites

Output	SAP Proposed sites and Targets	SCS SAP Project			
		Site 1 – Koh Kapik Ramsar	Site 2 – Chumpu Khmao	Site 3 – Kampong Trach	Total
1.4.1 Integrated management plans developed and under implementation for at least 1 estuary (12,000) and associated policy, legal and institutional reforms	Koh Kapik Ramsar (Estuary)	12,000	XX	XX	12,000
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites).		N/A	1,522	7,500	1,522
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation [based on SAP results framework]		XX	XX	XX	
Total wetland area in the 19 target sites (ha)	12,000	12,000	1,522	7,500	21,022

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
Site 2 - Chumpu Khmao	<i>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</i>
Site 3 - Kampong Trach	<i>As above</i>

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 Kapik Ramsar	Site 2 – Chumpu Khmao	Site 3 – Kampong Trach	Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Biodiversity surveys and monitoring; Habitat mapping through remote sensing and ground-truthing; Develop spatial management information (SMART) to store data on biodiversity and human activities; Institutional strengthening of management structure; Training and capacity building on law instrument and policy, patrolling and enforcement; Exchange visits and peer to peer learnings on marine and coastal zone management; Public awareness raising campaigns; Development of integrated management plan	Review existing management plans; Biodiversity surveys and monitoring; Habitat mapping through remote sensing and ground-truthing; Institutional strengthening of management structure; Capacity building on law instrument and policy on marine and coastal zone management; Public awareness raising campaigns; Development of integrated management plan	Review existing management plans; Biodiversity surveys and monitoring; Habitat mapping through remote sensing and ground-truthing; Institutional strengthening of management structure; Capacity building on law instrument and policy on marine and coastal zone management; Public awareness raising campaigns; Development of integrated management plan	To be completed	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	N/A	Review the existing legal framework of wetland policy and regulation including the potential for designing non-hunting area, nature reserve, protected area, or Ramsar site; Declaration of wetland areas with protection status under the national and provincial level; Development of Wetland management plan	Review the existing legal framework of wetland policy and regulation including the potential for designing non-hunting area, nature reserve, protected area, or Ramsar site; Declaration of wetland areas with protection status under the national and provincial level; Development of Wetland management plan	To be completed	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	Compile data and information on wetlands; Development of manual for standardization of techniques for wetland resource assessment; Conduct socio-economic surveys on economic valuation studies	Compile data and information on wetlands; Development of manual for standardization of techniques for wetland resource assessment; Conduct socio-economic surveys on economic valuation studies	Compile data and information on wetlands; Development of manual for standardization of techniques for wetland resource assessment; Conduct socio-economic surveys on economic valuation studies	To be completed	

Regional Output	Site 1 – Koh Kapik Ramsar	Site 2 – Chumpu Khmao	Site 3 – Kampong Trach	Cross cutting activities (national level)	PCU Comments
	and cultural assessments; Development of guidelines on wetland classification and mapping for estuaries and mudflats area; Development of regional map of peat swamps, non-peat swamp and coastal lagoons; Development and implementation of guidelines on estuarine monitoring scheme.	and cultural assessments; Development of guidelines on wetland classification and mapping for estuaries and mudflats area; Development of regional map of peat swamps, non-peat swamp and coastal lagoons; Development and implementation of guidelines on estuarine monitoring scheme.	and cultural assessments; Development of guidelines on wetland classification and mapping for estuaries and mudflats area; Development of regional map of peat swamps, non-peat swamp and coastal lagoons; Development and implementation of guidelines on estuarine monitoring scheme.		

2.1. CHINA

Updated Sites and Targets

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

Table 4. China summary of original and revised mangrove targets and sites

Regional Output	SAP Proposed Sites and Targets	SCS SAP Project				
		Site 1	Site 2	Site 3	Site 4	Total
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Pearl river estuary Beilun river estuary Wenchang lagoon	XX	XX	XX	XX	XX
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	Shantou tidal flat Danzhou tidal flat	XX	XX	XX	XX	XX
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	Hepu tidal flat	XX	XX	XX	XX	XX
Total wetland area in the 19 target sites (ha)	20,276	XX	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
<i>Site 1 – Name</i>	<i>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</i>
<i>Site 2 – Name</i>	<i>As above</i>
<i>Site 3 - Name</i>	<i>As above</i>

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

Output	Site 1 - Name	Site 2 - Name	Site 3 - Name		Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	

2.3. INDONESIA

Updated Sites and Targets

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

Table 7. Indonesia summary of original and revised mangrove targets and sites

Regional Output	SAP Proposed Sites and Targets	SCS SAP Project				
		Site 1	Site 2	Site 3	Site 4	Total
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Sembilang Estuary	XX	XX	XX	XX	XX
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)		XX	XX	XX	XX	XX
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation		XX	XX	XX	XX	XX
Total wetland area in the 19 target sites (ha)	387,500	XX	XX	XX	XX	XX

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
<i>Site 1 – Name</i>	<i>Only elaborate of 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</i>
<i>Site 2 – Name</i>	<i>As above</i>
<i>Site 3 - Name</i>	<i>As above</i>

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

Output	<i>Site 1 - Name</i>	<i>Site 2 - Name</i>	<i>Site 3 - Name</i>		Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	

2.4. PHILIPPINES

Updated Sites and Targets

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

Table 10. Philippines summary of original and revised mangrove targets and sites

Regional Output	SAP Proposed sites and Targets	SCS SAP Project			
		Site 1 – Malampaya Sound	Site 3 – Manila Bay	Site 3 – Maragondon Estuary	Total
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Malampaya Sound estuary Pansipit River Estuary Manila Bay Tidal Flat	XX	XX	XX	XX
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)		XX	XX	XX	XX
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation		XX	XX	XX	XX
Total wetland area in the 19 target sites (ha)	54,515	52,112	10,759	34,674	97,545

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
Site 1 – Maragondon Estuary	<i>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</i>
Site 2 – Pansipit River Estuary	<i>As above</i>
Site 3 - Name	<i>As above</i>

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

Output	Site 1 – Malampaya Sound	Site 2 – Maragondon estuary	Site 3 – Manila Tidal flat	Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Updating of MSPLS PA Management Plan; Capacity building of PAMB members and PA staff on PA management & stakeholders; Awareness raising campaign on the importance of PA and Malampaya Wetlands ecosystems goods and services; Improvement of aquatic environment for fisheries and biodiversity	Development, adoption and implementation of the integrated management plan for Maragondon Estuary	Formulation of a management plan for Bataan’s Balanga Wetland and Nature Park; Support to the updating/implementation of different plans covering the Pampanga area (SBMCHEA Management Plan, ICM, ICRMP etc) including support for capacity building, enforcement, research and monitoring and upgrading of facilities; Capacity building on Tidal Flat Management and Protection	<i>To be completed</i>	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	Designation of MSPLS as critical habitat for the conservation of Irrawaddy Dolphin or Wetland of International Importance	Biodiversity assessment; Mapping and validation of conservation targets; Identification of conservation actions	Support the Designation of Critical Habitat areas in Pampanga	<i>To be completed</i>	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	Participate in the development regional estuary monitoring scheme; Support to periodic monitoring of estuary and water quality	Information dissemination on the implementation framework and the estuary monitoring schemes; Support to regular estuary monitoring	N/A	<i>To be completed</i>	

2.5. THAILAND

Updated Sites and Targets

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

Table 13. Thailand summary of original and revised mangrove targets and sites

Regional Output	SAP Proposed Site and Target	SCS SAP Project	
		Site 1 - Don Hoi Lot Mudflat	Total
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Wetlands in Thale Noi Wildlife Non-hunting Area	XX	XX
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	Khao Sam Roi Yot National Park	XX	XX
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation		XX	XX
Total wetland area in the 19 target sites (ha)	55,508	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

Site	Brief justification on selection
Site 1 – Don Hoi Lot Mudflat	<i>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</i>
Site 2 – Thale Noi Wildlife Non-hunting Area	<i>As above</i>
Site 3 - Khao Sam Roi Yot National Park	<i>As above</i>

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

Output	Site 1 - Don Hoi Lot Mudflat	Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Study and assess the quality, process and measure on the law enforcement in prevention and suppression; Adopt and promote the sustainable use and harvest of razor clam	<i>To be completed</i>	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	Develop and adopt regulation for the sustainable utilization of the area; Establish Don Hoi Lot razor clam conservation group in cooperation with DMCR; Develop campaign on the sustainable harvest of razor clam; Conduct marine conservation activity and promote local fishery activity including planting of mangroves in pilot area	<i>To be completed</i>	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	Survey and collect information on the status and population of the wetland birds and migrant birds in the pilot area; Conduct mangrove survey and study on biodiversity and mangrove ecosystem of Don Hoi Lot; Conduct awareness raising activity on resource management and environmental conservation; Set up the conservation group in the pilot area and monitor the conservation and change of mangrove ecosystem; Establish management mechanism (including M&E) and strengthening on-site management, coordination and communication.	<i>To be completed</i>	

2.6. VIETNAM

Updated Sites and Targets

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

Table 14. Vietnam summary of original and revised mangrove targets and sites

Regional Output	SAP Proposed Sites and Targets	SCS SAP Project				
		Site 1	Site 2	Site 3	Site 4	Total
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	Balat Estuary Tien River Estuary Dong Nai River Estuary Tien Yen	XX	XX	XX	XX	XX
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	Estuary Tam Giang-Cau Hai Lagoon Ca Mau Southwest Tidal Flat	XX	XX	XX	XX	XX
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation		XX	XX	XX	XX	XX
Total wetland area in the 19 target sites (ha)	283,848	XX	XX	XX	XX	XX

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

Table 17. Brief justification on any revision of sites

Site	Brief justification on selection
<i>Site 1 – Name</i>	<i>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</i>
<i>Site 2 – Name</i>	<i>As above</i>
<i>Site 3 - Name</i>	<i>As above</i>

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 18. Summary of planned per site and cross cutting activities

Output	Site 1 - Name	Site 2 - Name	Site 3 - Name		Cross cutting activities (national level)	PCU Comments
1.4.1 Integrated management plans developed and under implementation for at least 3 lagoons (26,818 ha), 9 estuaries (614,680 ha), 5 tidal flats (96,903 ha), 1 peat swamp (45,700 ha) and 1 non-peat swamp (9,808 ha)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.2 Declaration of at least 7 wetland areas with protection status (i.e. non-hunting area, nature reserves, protected areas, Ramsar Sites)	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	
1.4.3 Adoption of a regional estuary monitoring scheme and its national implementation	<i>To be completed</i>	<i>To be completed</i>	<i>To be completed</i>		<i>To be completed</i>	