



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

Implementation of the SAP on Land-based Pollution

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

Outcome 2.1 Enhanced information-base for coastal habitat management, monitoring and action planning

Outcome 2.2 Effective integration of regional science in the management of land-based pollution

Outcome 2.3 Strengthened and harmonized national policies and laws, and supporting financial mechanism, for the management of habitats and land-based sources of pollution

2.1.2 Mechanism for collection and exchange of regional coastal habitat and pollution information and data established

- National: Provision of habitat data following site characterization forms, including pollution related parameters
- Regional: Online database developed and linked to other database; NOTE: link with habitats monitoring mechanism

Execution: RWG & National Focal Points on habitats & LbP

2.2.1 Updating the current scientific data and information on marine land based pollution for SCS marine basin

- National: Analysis and mapping of each countries monitoring programs, desk review of national LbP assessment and modelling
- Regional: Report on scientific data and information on marine land-based pollution for SCS marine basin and building a regional mechanism for monitoring and reporting on the marine and coastal environment (in partnership with regional organizations)

Execution: Consultancy work with information contribution from countries and other exercises (e.g. [UNEP Global Nutrient Project](#))

2.2.2 Regional level assessment of sources, flows, and impacts of marine pollution (incl. from coastal aquaculture): Support national surveys using recommended approaches and applying training to establish baselines and inform a regional assessment

- Regional: Develop methodology/guidelines on the assessment of sources, flows and impacts of key contaminants and quantification of effluent volumes and contaminant loadings for coastal aquaculture.
- National: Provision of data and information for regional assessment

Execution: Consultancy work with participation of RWG & National Focal Points on LbP

2.2.3. Quantification of effluent volumes and contaminant loadings from coastal aquaculture to the SCS marine basin

- National: Review of data and information on effluent and contaminant loading from culture operations (*plastic, nutrient...*) identified as key threat to dominant coastal biomes
- Regional: Report on impacts of key contaminants and quantification of effluent volumes and contaminant loadings for coastal aquaculture

Execution: Consultancy work with information contribution from countries and regional reviews by RWG-LbP

2.3.1. National best practices in waste water management, law enforcement, and community and industry participation in managing land-based sources of pollution and habitat management documented and shared

- National: Provision of best practices related to LbP management, including on Blue/Green and circular economy initiatives and Sustainable Consumption and Production
- Regional: Developing mechanism for sharing best practices, including building the catalogue

Execution: RWG & National Focal Points on habitats & LbP

2.3.2 Review of legislative and institutional frameworks for land-based pollution and habitat management in participating countries

- Regional & National: (1) Review of legislative and institutional frameworks for land-based pollution and habitat management; (2) Identification of gaps and needed reforms

Execution: RWG & National Focal Points on LbP and RTF & Focal Point on Legal Matters

2.3.3. Key principles agreed for harmonized national procedures for land-based pollution management

- National: Report on gaps and needs for land-based pollution management.
- Regional: Agreement on key principles for increased harmonisation of national processes for land-based pollution management

Execution: RWG & National Focal Points on LbP with support of the consultant

2.3.4. Support to countries in revising national/provincial policies and supporting regulations for land-based pollution and habitats

- National: National reports (output 2.6.5) to provide initial inputs on the policies and regulations proposed for revision.

Execution: RWG & National Focal Points on LbP and RTF & Focal Point on Legal Matters

2.4.2. Compilation of good examples, and identify recommendations to strengthen a blue economy (and circular economy) approach and innovative financing for pollution and habitat management

- National: Review and documentation of good examples, and recommendations to strengthen a blue economy & circular economy approach and innovative financing for pollution and habitat management
- Regional: Establishment of partnerships; (2) Incorporating blue economy & circular economy in the revised SAP

Execution: RWG & National Focal Points on habitats & LbP

2.5.1. Online catalogue of best practice management measures and technologies for sustainable use of SCS coastal habitats and land-based pollution management

- National: Provision of good practices from national and site levels
- Regional: (1) compilation of good practices from different sources and (2) updated best-practices online

Execution: RSTC, NTWG & Focal Points on habitats and LbP

2.5.2 Government officials, community leaders, and habitat and pollution managers exposed to on-going practices in rehabilitation, management, and pollution control and treatment via programme of training, study tours and exchange

- National: (1) Suggesting and conducting study tours with linkage with site managers; (2) Documentation of best practice example of community level
- Regional: (1) **Building partnerships**; (2) Organization of study tours

Execution: RWG & Focal Points on habitats & LbP

2.6.3 National and regional consultative process to develop updated Strategic Action Programme SAP for adoption at the Ministerial level including agreed monitoring and reporting mechanisms

- Regional: Methodology for NAPs and SAP update, considering incorporation of additional elements; (2) Draft, review & adoption of SAP
- National: Organization of national consultations

Execution: Consultancy work with participation of RSTC, PSC and IMC

2.6.1 National and regional level consensus on contemporary issues and problems and updated Transboundary Diagnostic Analysis (TDA)

- Regional: Guidelines for the update of the TDA, SAP, National Reports and NAPs, based on new TDA/SAP methodology
- National: Provision inputs for updated TDA

Execution: Consultancy work with participation of RSTC and National Technical Focal Points

2.6.4 Prioritization of national management actions for incorporation into national policies and plans, in particular for climate variability and change and blue economy

2.6.5 Updated and adopted National Action Plans for mangroves, coral reefs, seagrass and wetlands, and land-based pollution including enactment of supporting legislation where required

- Regional: Building methodology for NAP update
- National: (1) Prioritization of national management actions & (2) Conducting procedure for adoption of updated National Action Plans

Execution: Consultancy work with participation of IMC, NTWG, NWGs on habitats, LbP & EV, LM

M & E Matrix for tracking implementation progress

Outputs	Rating implementing progres				
	25%	50%	75%	100%	
2.1.2 Mechanism for collection and exchange of regional coastal habitat and pollution information and data established					
	Agreed site characterisation forms for the compilation of regionally comparable coastal habitat and pollution information and data				
		Collection of information and data at the site level by participating countries			
			Combilation od regionally camparative information and data		
			Online database developed and linked to other databases		
2.2.1 Updating the current scientific data and information on marine land based pollution for SCS marine basin					
	Consultant's guidance on scale, parameters, considering monitoring data				
		Review of existing scientific data and information on marine land based pollution nationally and regionally			
		RWG-LbP's review of status and gaps in monitoring, in line with regional and national commitments			
			Report on scientific data and information on marine land based pollution for SCS marine basin		
2.2.2. Regional level assessment of sources, flows, and impacts of marine pollution (incl. from coastal aquaculture): Support national surveys using recommended approaches and applying training to establish baselines and inform a regional assessment					
	Agreed guidance on data and information needed for regional level assessment and organization of training to establish and inform a regiona assessment				
		Overview of existing data and models on key contaminants, based on new national and regional research;			
			Review commitments to Global and regional obligations with regards to pollution and provide recommendations as contribution to TDA and SAP revision]		
			Reports on assessment of key contaminants and quantification of effluent volumes based on watershed assessments/modelling		

Outputs	Rating implementing progres				
	25%	50%	75%	100%	
2.2.3. Quantification of effluent volumes and contaminant loadings from coastal aquaculture to the SCS marine basin					
	Agreed guidance on data and information needed for quantification of effluent volumes and contaminant loadings from coastal aquaculture				
		National documentation of effluent from aquaculture and mariculture operations identified as key threat to dominant coastal biomes			
			Regional documentation and synthesis of key contaminants and effluent volumes and contaminant loadings from coastal culture		
				Regional report on impacts of key contaminants and quantification of effluent volumes and contaminant loadings from coastal aquaculture	
2.3.1. National best practices in waste water management, law enforcement, and community and industry participation in managing land-based sources of pollution and habitat management documented and shared					
	Agreement by national focal points on docuemntation of best practices in waste management, law enforcement , and community ad indistry prticipation				
		Draft documentation on best practices in waste management, law enforcement for review by RWG-LbP			
			National reports on best-practices in waste water management, law enforcement, etc.. and community and industry participation in managing land-based sources of pollution and habitat management		
				Combilation of best practices for exchange with national and regional partners	
2.3.2 Review of legislative and institutional frameworks for land-based pollution and habitat management in participating countries					
	National focal points for legal matters to agree time chedule and scale of the review				
		National working group on legal matters to review legislative and institutional frameworks for LbP and habitat management in the participating countries			
			Draft national report on the review of legislative and institutional frameworks for review by the RWG-LbP		
				National reports on the review of legislative and institutional frameworks for land-based pollution and habitat management	

	25%	50%	75%	100%
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2.3.3 Key principles agreed for harmonized national procedures for land-based pollution management

	Review of existing national rprocedures for LbP management			
		National consultations to agree on key principles for increased hamonisation of national processes for land-based pollution management		
			National report on gaps and needs for land-based pollution management.	
				Regional agreement on key principles for increased hamonisation of national processes for land-based pollution management

2.3.4. Support to countries in revising national/provincial policies and supporting regulations for land-based pollution and habitats

	Guidance by RTF-LM on procedure to support to countries in revising national/provincial policies and supporting regulatons for LbP and habitats			
		National review and consultation to propose revision of policies and suprtng regulation for LbP and habitats		
			RTF-LM to review initial inputs on the policies and regulations proposed for revision at the national and provincial levels of participating countries	
				National report on the policies and regulations for land-based pollution and habitats proposed for revision.

2.4.2. Compilation of good examples, and identify recommendations to strengthen a blue economy (and circular economy) approach and innovative financing for pollution and habitat management

	Agreed procedures to review good examples on blue economy approach and innovation financingfor pollution and habitat management			
		Natioal review of good examples on blue economy (and circular economy) approach and innovative financing for pollution and habitat mangement		
			RTF-EV's synthethis and compilation of regional good examples on blue economy (and circular economy) approach and innovative financing for pollution and habitat mangement	
				Report on good examples and recommendations on blue economy (and circular economy) approach and innovative financing for pollution and habitat management

Outputs	Rating implementing progres				
	25%	50%	75%	100%	
2.5.1. Online catalogue of best practice management measures and technologies for sustainable use of SCS coastal habitats and land-based pollution management					
	Development of template and review of good practices from published sources				
		Country partners to review good practices at the national levels			
			Edition of the latest version of best practice management measures and technology for sustainable use of SCS coastal habitats and land-based pollution management		
			Catalogue of best practices accessible online		
2.5.2 Government officials, community leaders, and habitat and pollution managers exposed to on-going practices in rehabilitation, management, and pollution control and treatment via programme of training, study tours and exchange					
	Working with relevant regional partners in preparing training courses and study tour				
		Training need assessment and identification of contacting points for training and study tour			
			Development of concept notes for training and study tours		
			Organizations of training program and study tour and exchange on habitat rehabilitation, management, and pollution control		

25%	50%	75%	100%
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2.6.1 National and regional level consensus on contemporary issues and problems and updated Transboundary Diagnostic Analysis (TDA)

Establishment of TDA team lead by TDA/SAP consultant with participation of related countries bordering the SCS

TAD team workshops and documentation of related data and information

Draft revised TDA and consultation for revision

Updated and regionally endorsed TDA for the SCS marine basin published and disseminated at national and regional levels

2.6.2. SCS State of Coastal Habitats report in line with global commitments (SDGs, CBD)

Review of existing reports such as PEMSEA reporting on "State of Coasts and Oceans"

Synthesis of National information, TDA and monitoring results

Drafting and consultation on SCS state of coastal habitat report

Joint publication on SCS state of coastal habitat report

2.6.3 National and regional consultative process to develop updated Strategic Action Programme (SAP) for adoption at the Ministerial level including agreed monitoring and reporting mechanisms

The consultant and TDA team to agree other elements and emerging issues, and additional inputs required for SAP revision

Revising and updating the existing SAP based on the guidelines developed, incorporating other elements and emerging issues

Conducting national and regional consultative process (RSTC, PSC, COBSEA IGM, methodology, etc)

Updated SAP for adoption at the Ministerial level including agreed monitoring and reporting mechanisms

Outputs	Rating implementing progres				
	25%	50%	75%	100%	
2.6.4 Prioritization of national management actions for incorporation into national policies and plans, in particular for climate variability and change and blue economy					
	Review of existing national management plan, considering policies and plans related to climate variability and change and blue economy				
		Draft recommendation on national actions and priorities in implementing the SAP and incorporation in national plans			
			The RSTC to review recomendations for SAP implementation at the national level and incorporation into national management plans		
			Recommendations, actions and project concepts for SAP implementation		
2.6.5 Updated and adopted National Action Plans for mangroves, coral reefs, seagrass and wetlands, and land-based pollution including enactment of supporting legislation where required					
	Review of existing national plans foa habitats and LbP				
		National consultations on procedures and appropriate modalities to update National Action Plans (NAPs)			
		Development of updated NAPs following agreed modalities			
			Adopted National Action Plans and sustainable financing strategies accessible online		

Potential for regional cooperation

- Data and information exchanges and development of knowledge management platform in the integration with COBSEA for long term use and update & data analysis for Updated TDA
- Expert exchange among the initiatives (WESTPAC Project, COBSEA RWG on Litters)
- Exchange of good practices and lessons learnt in plastic management, including study tours to sites

THANKS FOR YOUR ATTENTION

