

## SEYCHELLES MARINE SPATIAL PLAN (MSP) INITIATIVE

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**Phase 2 Inception Workshop**  
MSP Workshop #14  
Thursday 8 March 2018  
9:00 AM – 4:00 PM  
Location: Savoy Hotel, Beau-Vallon, Mahé

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### Minutes

#### Meeting Objectives:

1. To launch Phase 2: objectives, outputs, stakeholder engagement, timeline and work-plan
2. To discuss areas of consideration for Phase 2 zoning design and reaching next milestone for MSP
3. To draft objectives to address climate change adaptation and to support the Blue Economy

#### Present:

Alain De Comarmond - PS Environment, Ministry of Environment, Energy & Climate Change  
Andrew Grieser-Johns -PCU Programme Coordinator/Chief Technical Advisor  
Andy Rylance- GoS UNDP GEF PA Finance Project  
Annie Simeon- Coastal Project Coordinator, MEECC  
Bernice Elizabeth- Dept. of Tourism  
Betty Victor- Adaptation Fund Project  
Brad Auer- Consultant (GEF-6)  
Chris Mason-Parker- Global Vision International  
Daig Romain- GoS-UNDP-GEF PA Finance Project  
David Rowat - Marine Conservation Society Seychelles  
Elke Talma- Mangroves for the Future  
Emmanuel Chassot- ARCT Project  
Eugenie Khani- UniSey  
Jan Robinson- Ministry of Finance - SWIOFISH3  
Jeanne Mortimer - Turtle Action Group Seychelles ; ICS  
Joachim Valmont - DG - Seychelles Maritime Safety Administration  
Joanna Prosper - GoS UNDP GEF Outer Island Project Manager  
Johnny Louys- Seychelles Fishing Authority  
Justin Prosper - GIS Unit- MEECC  
Kelly Hoareau- UniSey  
Mariliana Leotta- Green Islands Foundation  
Mark Zimring- TNC Indo-Pacific Tuna Fisheries Programme  
Patrick Samson – PetroSeychelles  
Peter Brinn- GCCA Project  
Peter Purvis- Industrial Tuna Fisheries Purse Seine  
Philippe Michaud- Blue Economy department  
Pierre-Andre Adam- Science Coordinator, ICS  
Pughazendhi Murugaiyan- Actng Director (Coastal Adaptation Management Services)

Rich Baxter- Fregate Island Private  
Rodney Govinden- Seychelles Fishing Authority  
Rodney Quatre - GCCA project  
Selvan Pillay- Director General – (Climate Change Division)  
Stephanie Theresine- Seychelles Coast Guard  
Tony Imaduwa- Seychelles Energy Commission  
Veronica Alphonse- Seychelles Fishing Authority  
Vincent Lucas- Seychelles Fishing Authority  
Wills Agricole – Principle Secretary Climate Change & Energy, MEECC

**MSP Core Team:**

Joanna Smith - Science and Process lead, Seychelles MSP initiative, TNC Canada  
Helena Sims - Project Manager, Seychelles MSP initiative, TNC  
Vania Robert – MSP/SeyCCAT Executive Assistant

**Minutes;**

Agenda Item Number	Agenda Item	Notes/Comments/Advice	Action_Response (with initials for who provides response)
1	Welcome	A short welcome was delivered by the MSP Core Team.	
1	Opening	Opening Remarks were made by the Principle Secretary for Energy and climate Change and co chair of the MSP steering committee, Mr. Wills Agricole.	
1	Agenda Review	The agenda was review and adopted.	
1	Round-table of introductions	A round table of introductions followed with details including member's; <ul style="list-style-type: none"> <li>- Name, affiliation, sector</li> <li>- Updates since Sept/Oct 2017</li> <li>- Future Activities</li> </ul>	
2	Completing Phase 1	A presentation was made which included a summary of; <ul style="list-style-type: none"> <li>- Integration with strategies, policies and projects.</li> <li>- Phase 1 milestones and areas gazetted on 21 Feb 2018 as zone 1 and zone 2.</li> <li>- Areas of support and/or agreement 2017</li> <li>- Phase 1 outputs</li> <li>- Phase 2 timelines, milestones, outputs and draft work-plan</li> <li>- Stakeholder engagement and consultations</li> </ul>	Request for copy of MSP policy draft. H.S.
2	Stakeholder engagement	A proposal was made to revise the Technical Working Groups of the MSP. Changes include the formation of the following groups for MSP Phase 2 - Marine ecology – Chair and Vice Chair Terrestrial Ecology- Chair and Vice Chair Maritime Security- Chair and Vice Chair (NICSC Tech Com ; Port Authority, Fisheries, Coast Guard) Energy & Infrastructure- Chair and Vice Chair Fisheries- Chair and Vice Chair (keep as a separate TWG; incl. mariculture) Tourism- Chair and Vice Chair Financing & Implementation- Chair and Vice Chair  The chair and vice chair of each group would also sit on the MSP Steering committee.	Nominations for TWGs will be required and can be done by e-mail.
2		Query: Where does shipping (maritime security) & sand mining/extraction sit?	Energy and Infrastructure Group was proposed. J.S., H.S.
2		A proposal was made to add a financing and implementation Group	J.S., H.S
2		It was proposed that the National Maritime Security Technical Committee (NISCC) represent the Maritime Security TWG of the MSP.	H.S., J.S. Propose to add maritime security to Ports. JS

2		Query: Where does petroleum exploration and extraction sit in the TWG and MSP?	<ul style="list-style-type: none"> <li>- Under Energy</li> <li>- Petroleum exploration is driven by National Policy as is the MSP J.S.</li> </ul>
2		Query: A financing and implementation Blue Action Fund (BAF) proposal went out and queries as to whether TNC applied to this call.	TNC had submitted to BAF but was not successful. J.S, H.S.
	Coffee Break		
3	Break out Groups	There were two break out Groups. Their main aim was to develop SMART objectives for the MSP- Climate Change and Blue Economy objectives of the MSP.	
5	Blue Economy: SMART objective(s); integrating with Blue Economy Roadmap (break out groups)	Blue Economy (see annex 2 for summary of group work report).	
5		Query: Why is there a goal of 2030 for implementation and financing?	To align to the SDG and BE roadmap.
5		How are spaces allocated for the Blue Economy objective?	<p>Z2 is linked to sustainable use and hence the Blue Economy objective. H.S.</p> <p>In one iteration Z2 was named the BE zone J.S.</p> <p>The entire MSP exercise is comprehensive and contributes to the BE. A.D.</p> <p>A proposed indicator was added in response to this query (see annex 2).</p>
5		A proposal was made to change the tourism goal to 2030	H.S., J.S.

3	Climate change adaptation: SMART objective(s); integrating with other climate change projects (break out groups)	Group 2 developing Climate Change SMART Objectives- see Annex 3 for summary of group work report.	
3		The National CC strategy is being revised. The NDC states a target of 100% renewables by 2050.	
3		NDC does not give specific target/indicator to CC though MSP is mentioned, as it is focused by mitigation.	
3		Seychelles Energy Policy has a target of 15% renewable energy by 2030 and best to target this.	
3		Protecting and preserving potential carbon sinks is a goal of Seychelles and MSP should identify these in Phase 2 (seagrass and reefs).	MSP core team to link activities to SWIOFISH3 project that funds Carbon Sink activities. J.S., H.S.
3		Seychelles Energy Commission (SEC) and British (OTEC) are working to develop maps of renewable agency using satellite imagery to project wind patterns etc.	MSP team to meet with SEC to follow up. H.S.
3		MSP team to wordsmith the objectives and send to MSP EC and SC for further input.	Target September 2018 to be finalised.
4	Review of zoning design Phase 1 and areas for consideration for Milestone 2	The areas for consideration for Milestone 2 were presented and a review of the participant packages and maps for use in the afternoon was carried out (Annex 4).	
	Lunch		
4	Review of zoning design Phase 1 and areas for consideration for Milestone 2	<p>The MSP core team presented on the following components for a review of the MSP Phase 1 zoning design and points for discussion for MSP Phase 2 areas;</p> <ul style="list-style-type: none"> <li>- Review of zoning process</li> <li>- MPA network design principles.</li> <li>- Recap of best practices; ecological criteria, social, economic and governance criteria.</li> <li>- Spatial data catalogue</li> <li>- Scale and scope of MSP</li> <li>- MSP zoning framework (Zone A to E)</li> <li>- Revised zoning framework (April 2015)</li> <li>- Stakeholder preferences</li> </ul>	

		<ul style="list-style-type: none"> <li>- MSP Planning tools (compatibility matrix)</li> <li>- Marine Biodiversity – Marxan with zones multiple scenarios (TNC 2015-2016).</li> <li>- GoS-UNDP-GEF Outer islands Project has four areas for sustainable use areas; Farquhar, Desroches, Poivre and Alphonse. Total area of 726km sq. Fit in Z2.</li> </ul>	
		Participants re-iterated the importance of considering developing a protected area <u>network</u> in the design including representation, replication and connectivity (as a whole/broader functioning).	
		Query: Can individuals access the data of the spatial data catalogue?	Data is made available through a GeoPDF and the updated format can be made available to stakeholders. J.S.
		Query: What are the constraints to the licenced blocks for seismic surveys for Petroleum.	Existing and proposed licenced blocks are included in the MSP layer Spatial layer. The direction from GoS on Petroleum policy and MSP has been requested from Cabinet. A decision making process has been proposed for the way forward. Public consultation/ decision framework process is required under the EIA process. J.S.
		It was pointed out that it is important to consider how the MSP process is supporting the estimated values of ecosystem services which is a gap in the Spatial Data Catalogue (non-monetary values).	
		Members were informed that a project has been carried out (approx. 2012) with permit section of Min of Environment to develop a numeric and financial evaluation of ecosystem goods and services of an area to make these areas quantifiable for the EIA process. This is not currently being used. It can be adapted to marine areas (scores and grades these habitats and estimates of change following development).	TNC has a team on ecosystem services (mapping ocean wealth) for recreation, fisheries, and coral reef ecosystem services model. MSP team to look at closing this data gap. J.S.
		Source for tourism and recreation- exit survey by NBS (20% of tourists leaving country) giving stats on	This data is not spatial but MSP can investigate the

		expenditure and area visited. It is updated every quarter.	potential use of the data. J.S.
		Query: Why is the Amirantes basin not being picked up as a z1 whereas as per irreplaceability these areas are high priority?	Due to the fishery impact (artisanal and industrial) this area was proposed as sustainable use area. J.S.
		Proposal to update all fisheries layers before updating the zoning design.	Formal request to be made to SFA (Calvin Gerry) for updated fishing layers. J.S., H.S.
		Query: Why is Aldabra not being selected as a top priority?	On a large scale the atoll is selected but not outside the reef as the habitat in that group is more 'diverse' in the Providence area. J.S.
		Query: Why is Farquhar being proposed as Z2? Area around Farquhar is being picked as high biodiversity area constantly by the model but it is also being proposed as a Z2 in OIP. Discussions on nested areas.	BE bias selects Farquhar as well as Economic bias. This is an important area for fishing, tourism, charter. J.P. OIP looking at zones within 1km from the reef flat. There may be zone 1 within this area. OIP is very fine scale and relative zone further out needs to be discussed by MSP. J.P.
		Clarification regarding the Coco de Mer seamount was sought as it is proposed as a Z1 but it is mostly outside the EEZ.	The area shows Marxan irreplaceability, a high degree of endemism, supports rich biodiversity of marine life. The idea was to have a fishing zone within this area. J.S.
	Break-out Groups	Group work was carried out to propose priority areas for 7.5%- small groups to propose priority areas including existing PAs and any inner island groups.	
4		Reporting from group work priority areas (See Annex V for compiled ranking of all areas discussed).	

		Priority areas for zone 1 (5%) Farquhar (all groups requesting change to Z1), Denis, Bird, Aldabra East (PSSA)= 4.27% (% includes removing Farquhar sustainable use areas of the OIP). Priority Zone 2 Aldabra North (2.83%)	
6		Wrap-up, next steps and next meeting.	
	AOB	ITF group to be updated and provide feedback on MSP Phase 2 areas Vincent-	P.P
		MSP core team to write officially to technical committee to invite as TWG Group.	J.S., H.S.
		SFA to assist with consultations with stakeholders from FBOA and revert.	V.L.
		Meeting adjourned at 1600 hrs	
		Next meetings in May 2018.	



Minutes submitted by: Helena Sims on 21 March 2018

## Annex I: Agenda

# MSP Stakeholder Workshop

Phase 2 Inception Workshop

MSP Workshop #10

Thursday 8 March 2018

9:00 AM – 4:00 PM

Location: Savoy Hotel, Beau-Vallon, Mahé

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## Draft Agenda

### Meeting Objectives:

4. To launch Phase 2: objectives, outputs, stakeholder engagement, timeline and work-plan
5. To discuss areas of consideration for Phase 2 zoning design and reaching next milestone for MSP
6. To draft objectives to address climate change adaptation and to support the Blue Economy

#	Time	Topic
	8:30	Registration of Participants
1	9:00	Official Opening of Phase 2 <ul style="list-style-type: none"><li>• Welcome and Agenda review</li><li>• Roundtable introductions and sector updates</li></ul>
2	9:30	MSP Phase 2 Inception <ul style="list-style-type: none"><li>• Completing Phase 1 outputs: Marine Spatial Plan, MSP Atlas, InfoPak</li><li>• Phase 2 timeline, milestones, outputs and draft workplan (2018 and 2020)</li><li>• Stakeholder engagement and consultation: areas for improvement</li><li>• Implementation arrangements (Draft)</li></ul>
	10:15	Coffee/Tea break
2	10:45	MSP Phase 2 Inception, continued
3	11:15	Climate change adaptation: SMART objective(s); integrating with other climate change projects (break out groups)
	12:15	Lunch
4	1:15	MSP Phase 2 Zoning Design <ul style="list-style-type: none"><li>• Review of zoning design Phase 1 and areas for consideration for Milestone 2</li><li>• Review MSP spatial data catalogue: data needs and gaps, priority data sets</li><li>• Integration with other projects in Seychelles</li></ul>
5	3:15	Blue Economy: SMART objective(s); integrating with Blue Economy Roadmap (break out groups)
6	3:45	Any other business, wrap-up, next steps and next meeting.
	4:00	Adjourn

## **Annex II: Group work discussion Summary group 1 Blue economy**

*A comprehensive marine spatial plan is completed by 2020 and resourced with sufficient funding such that its ongoing implementation supports the Blue Economy Roadmap for healthy and productive oceans, shared prosperity, and sustainable wealth.*

### SMART Objective Examples;

- Fisheries- Adherence to international best practices (e.g code of conduct for responsible fisheries Ecosystem Approach to Fisheries EAF) (follow-up; characterize existing gaps, set realistic interim and 2030 goals)
- Tourism- Adherence to international best practices (i.e. WTO code of ethics) (follow-up; characterize existing gaps, set realistic interim and 2020 goals).
- Finance- Marine Spatial Plan implementation budget fully-funded)(follow-up; Characterize existing gaps, set realistic interim and 2030 goals).
  - *Do we need to have a spatial indicator here?*
  - *SMART action for biodiversity*
  - *SDG and Blue Economy Roadmap through 2030*

Message is that the 30% and 70% are supporting the Blue Economy.

## **Annex III: Group work discussion Summary group 2 Climate Change (CC)**

*A comprehensive marine spatial plan is completed by 2020 that is informed by an understanding of climate change consequences and possible actions and responses in support of Seychelles' climate change strategies (e.g., Seychelles Climate Change Strategy SCCS)*

### Topics for SMART Activities Examples

- *Monitoring (long term and spatial)*
- *Carbon sinks (e.g., Blue Carbon: protect carbon sinks (e.g., seagrass and mangroves)*
- *Impacts and adaptation*
- *Adaptive capacity*
- *15% by 2030 renewable energy*
- *Spatial zones to support marine renewable energy (e.g., OTEC - maps for wind energy on land)*

*Nationally Determined Contributions (NDC) - not specific*

## **Annex IV: Participant Package Content**

SEYMSP workshop 10, Phase 2 Inception agenda  
SEYMSP Shallow water area statistics tables v4.0  
SEYMSP Zone Design V4.0 showing 30% EEZ in Z1 and Z2  
SEYMSP Zone Statistics Summary Tables for v4.0  
SeyMSP Initiative governance structure  
SEYMSP Consolidated Workplan for 2018

**Annex V; Summary of Group work MSP Phase 2 areas**

**ZONE 1 (5%)**

- 10 – Farquhar \*\*\*\* [OIP]
- 2 – Bird + Denis \*\*\*
- 11 – Aldabra E \*\* (PSSA) -4.27
- 16 – Coco de mer \*
- 7 – Amirantes \*
- 5 – Mascarene \*
- 1 – Inner Island (N. I) \*\*
- 8 – Alphonse \* [OIP]
- 15 – WIOMER \*
- 12 – Cosmoledo & Astove \*

**ZONE 2 (2.5%)**

- 14 - Aldabra N \*\*
- 12 – Cosmoledo & Astove \*
- 11 – Aldabra E \*
- 10 – Farquhar (ocean)\*
- 1 – Inner Islands \*
- 7 – Amirantes \*
- 16 – Coco de mer \*
- 5 – Mascarene \*



