

## Science to Policy Forum in the Western Indian Ocean (WIO) Region Venue: Durban, South Africa: Date: 9-11 July 2018

#### **SUMMARY ACTION ITEMS**

#### 1. Primary Objectives of the Mission

The Nairobi Convention Secretariat through the Project on the 'Implementation of the Strategic Action Programme for the protection of the Western Indian Ocean from land-based sources and activities' (WIOSAP) in partnership with the Western Indian Ocean Marine Science Association (WIOMSA) and the Indian Ocean Commission (IOC) held the 2018 Science to Policy Forum for the Western Indian Ocean (WIO) region in Durban S. Africa from the 9<sup>th</sup> to the 11<sup>th</sup> of July 2018. The Forum serves as an intermediary body to bridge the gaps between science, policy and practice and facilitates the interface between regional research agenda and priorities that could inform policy developments by member states towards a sustainable WIO region.

The Forum was held against a backdrop of successive Conference Of Parties (COP) Decisions that have expressed and reinforced the Parties' desire to reinforce the science policy dialogue:

- ❖ Decision CP 4/9. (Strengthening Partnerships and the Institutional Mechanism of the Nairobi Convention, 2004) directed the Secretariat to take up the offer of WIOMSA to establish the Forum for Heads of Academic and Research Institutions (FARI)
- Decision CP7/17 (Science to Policy Engagements, 2012) requested the Secretariat to hold and encourage partners to support regular science to policy dialogues to provide continuous interaction\ between the scientists, civil society, private sector, policy and decision makers.
- Decision CP 8/12 (Establishment of a Platform for Science to Policy Dialogue) agreed to establish a dialogue platform to strengthen the links between science, policy and action and mandated the Forum of the Heads of National Academic and Research Institutions to act as the technical and advisory body of the platform

The objectives of this year's Forum were to:

- i. Discuss the role of the Forum for Academic and Research Institutions (FARI) in the Science-Policy platform,
- ii. Discuss relevant scientific themes aligned to the Nairobi Convention priorities as identified in the various Strategic Action Programmes (SAPs), Convention Work-Programme and Climate Change Strategy and
- iii. Recommend proposed policy decisions to the 9<sup>th</sup> Conference of Parties to be held in Kenya in August 2018.

#### 2. Key Observations and Conclusions

The meeting was attended by over 60 participants ranging from contracting parties to the Convention, universities, research institutions, conservation organizations (e.g. IUCN, WCS and CORDIO among others), SADC, UNDP, WIOMSA and the Indian Ocean Commission with the latter 2 being co-sponsors to the meeting. The high number of participants some who even sponsored themselves to attend the meeting is a show of interest and confidence partners have had in the Forum and the desire by experts/scientists in the region to contribute towards policy development and implementation.



Some of the emerging themes presented in the meeting include: Collaborative management of ABNJs using relevant area based planning tools; delivery of the 2030 Agenda on Sustainable Development in the region using SDG 14 as the entry point; Influencing infrastructural developments towards sustainability focusing on ports and coastal cities; the impact of ocean noise on marine biodiversity; incorporating Blue Carbon in the countries' Nationally Determined Contributions (NDCs) when they are due for review in 2020; application of mitigation hierarchy and Biodiversity Offsets as tools to achieve sustainable development in the WIO and innovative solutions in marine litter management. The discussions were divided between plenary and break-out sessions and stimulating discussions held to give further technical recommendations and identification of potential areas of decisions for consideration during COP 9. Policy recommendations from the Forum either reinforced past decisions, currently proposed decisions for COP 9 or brought up entirely new decisions. The latter will be subjected to a legal drafting process in readiness for COP 9 next month.

#### I. Key meetings

1. Sibongile Mavimbela (Senior Programme Officer, Southern Africa Development Community – SADC) We discussed progress made in development of an MOU between SADC and Nairobi Convention; and an opportunity for collaboration in the development of a Blue Economy Strategy for SADC in partnership with the Abidjan Convention. This was a follow up meeting to one held between the Head of the Nairobi Convention Secretariat and Director Food, Agriculture and Natural Resources – SADC and a subsequent one between the Senior Programme Officer and Project Manager - WIOSAP

#### **FOLLOW UP ACTIONS**

- Nairobi Convention to provide comments on MOU and revert to SADC
- SADC to share with Nairobi Convention an action plan for development of the Blue Economy Strategy for identification of areas of collaboration.
- 2. Jacquis Rasoanaina (Focal Point Madagascar), Alexandre Bartolomeu (Focal Point Mozambique) We discussed about the need to expedite the validation process of the countries' MPA chapters and processing of the No Objection Letters in support of the GCF Concept Note to be submitted by the Secretariat on behalf of the Parties. We also discussed about the need for close contact as partners in respective countries develop concepts in response to the WIOSAP call for demo projects.

#### **FOLLOW UP**

- They promised to expedite the validation process and acquisition of the NOLs.
- They also committed to reach out to the Secretariat on any concerns which may come up from partners incountry as they respond to the call for concepts under WIOSAP currently underway.

# 3. Lisolomzi Fikizolo and Yamkela Mngxe (Focal Point and Alternate S. Africa)

They invited the Project Manager WIOSAP to plan and present the Project during 2 high level meetings in S. Africa between 23<sup>rd</sup> and 24<sup>th</sup> July. This is a follow up to an earlier decision during the Focal Points in Madagascar in April 2018, when countries requested for in-country sensitization of stakeholders on the Project. The meetings will be technical and policy oriented respectively.

Jared Bosire to travel to S. Africa between 21st and 25th July 2018 for these meetings.



#### 4. Critical Habitat Outlook Authors and WIOMSA

We discussed proposed indicators to be applied in establishing baselines on various critical habitats in the region in respect to SDG 14.2. The selected indicators discussed are from the UNEP Environment Live Database and WWF-Global Database of Indicators. The indicators will guide the authors in terms of the information and data to be captured during the drafting phase and the same indicators will be used in latter assessments to determine progress made in the region towards achieving SDG14.2 Target.

- Jared to share the list of indicators with the Lead Editor of the Outlook who didn't manage to attend the meeting.
- Authors to identify their data needs in respect to the indicators and seek for help where they may not have or access requisite data.

#### II. Contact Persons Related to the Outcome of the Mission

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#### III. Annexes

- 1. Science to Policy Forum agenda
- 2. List of participants/organizations
- 3. Indicators presentations at the side meeting of Critical Habitats Outlook

12/07/2018



### Annex 1

Science to Policy Forum for the UNEP/Nairobi Convention for the Protection, Management and Development of the Marine and Coastal Environment of the Western Indian Ocean

Durban, South Africa 9-11 July 2018

### **Provisional Programme**

Monday, 9	July 2018		
Time	Event	Responsible	
08:00 -	Registration of Participants	Nairobi Convention	
08:55		Secretariat/WIOMSA	
Session 1: 0	Official Opening of the Meeting	Facilitator: UNEP	
09:00	Calling the meeting to order	Nairobi Convention Secretariat	
09:10	Opening statement	WIOMSA	
09:20	Opening statement	COI	
09:30	Opening statement	Nairobi Convention Secretariat	
09:45	Opening Speech	Government of South Africa	
10.00	Participants Introduction		
10:05	Adoption of the Agenda	Nairobi Convention Secretariat	
10:15 –	Group Photo/Coffee Break		
10.45	· ·		
Facilitator:	IOC		
11:00	Introduction to the Workshop	Nairobi Convention Secretariat	
Session II: A	A regional approach to delivering SDGs	•	
11:20	MPA Outlook	WIOMSA/Nairobi Convention Sec	
11:40	Critical Habitats Outlook	WIOMSA/Nairobi Convention Sec	
12:00	A regional approach to SDGs WIOMSA/Nairobi Convention		
Session Fac	cilitator: South Africa Government	•	
Session III:	Ocean Governance and SDGs		
12:20	Ocean governance	IMS	
12.40	The establishment of MPAs on high	IRD-Reunion	
	and deep seas		
13.00	Using scenarios and voluntary	CORDIO	
	commitments to guide policy and		
	practice to achieve Sustainable		
	Development Goal 14 in the Western		
	Indian Ocean		
13.00 - 14.0			
Facilitator:			
14:45	Group Discussion I: A regional appro	ach to delivering SDGs and Ocean	
	Governance (5 Groups)		
15.30	Plenary Discussions	Nairobi Convention Secretariat	
15:30 -	Coffee/Tea Break		
15.50	MAII O M O A		
Facilitator:		AT IN	
	Areas Beyond National Jurisdiction (ABI		
16.10	WCMC – GEF Project on ABNJ	WCMC	
16.30	Marine connectivity related to Areas	WIOMSA/Nairobi Convention	
	Beyond National Jurisdiction (ABNJ) in		
10.50	WIO region		
16.50	Closing Discussions		
17:00	End of the Day		



Tuesday, 1	0 July 2018					
Time	Event	Responsible				
09:00	Recap of the First Day					
	Facilitator: WIOMSA					
	/: Climate Change Adaptation and Mitigation					
09.10	Role of mangroves and seagrass beds in climate change mitigation	WIO Mangrove Network				
09.30	Ocean Acidification	WIOMSA/ Nairobi Convention/Future Earth				
Facilitator:	WIOMSA					
Session VI developme	: Managing WIO resources amid increasing urbarent	nization and infrastructural				
09:50	Building partnership for coastal cities in WIO region	WIOMSA/ Nairobi Convention Sec				
10:10	Sustainable port development	JKUAT				
10.10 - 10:30	Coffee/Tea Break					
11.15	Group Discussion II: Discussions on decisions on ABNJ, Climate Change Adaptation and Mitigation; and Managing WIO resources amid increasing urbanization and infrastructural development					
11:45	Plenary Discussions	Nairobi Convention Secretariat				
Facilitator:	Nairobi Convention Secretariat	Coordanat				
	I: Management of Marine Litter and Municipal Wa	stewater in the Western				
Indian Oce						
12.05	Marine litter strategy	IMS				
12:25	Promoting Innovation and Reuse: Opportunities for the Nairobi Convention	WIOMSA				
12.25 - 14:00	Lunch Break					
Facilitator:	Nairobi Convention Secretariat					
Session VI	II: Threatened and Endangered Marine Species/E	cosystems				
14:20	Conservation and management of chondrichthyans (sharks, rays and chimaeras) in the Western Indian Ocean	WCS				
14:40	Reporting and supporting coral reef sustainability in the Western Indian Ocean					
15.00	*Integrated management of the marine and coastal resources of the Northern Mozambique Channel					
	Session IX: Emerging issues					
15.20	Threats posed to Marine Life in the Western Indian Ocean from Anthropogenic Ocean Noise and Shipping, including Ship strikes	WCS				
15.40	No Net Loss of Biodiversity and Ecosystem Services; Applying the Mitigation Hierarchy and Biodiversity Offsets as tools to achieve sustainable development in the WIO	WCS				
15:40 - 16.00	Coffee/Tea Break					

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16:45	Group Discussion III: Discussions on decisions on Management of Marine Litter, Threatened and Endangered Marine Species/Ecosystems and Emerging Issues	
17.15	Plenary Discussions/End of Day 2	Nairobi Convention Secretariat

Time	Event	Responsible		
09:00	Recap of the Second Day			
Facilitator	: Nairobi Convention Secretariat	ı		
Session X	: New partnerships and WIO Coral Reefs Report L	aunch.		
09:10	Strengthening the role of FARI in Science to Policy Platform	WIOMSA		
09:50	UN Habitat: Urban Agenda in Coastal Cities of Africa	UN Habitat		
10:20	Impact of the 3rd Global Coral Bleaching Event on then Western Indian Ocean in 2016: Report Launch			
10.20 - 10:40	Coffee/Tea Break			
Facilitator	: Government of Kenya	•		
Session X	I: Nairobi Convention Work-programme			
11:00	Work Programme for 2018-2022: Invitation of partners inputs to the Work-programme	Nairobi Convention Secretariat		
11:30	Discussion on how to monitor and report implementation of the Work-programme	Nairobi Convention Secretariat		
12:00	A partnership for ocean governance and fisheries management in the Western Indian Ocean region	Nairobi Convention Secretariat		
12.30	General Plenary Discussions			
12:30 <b>–</b> 14.00	Lunch Break			
14:30	Presentation of proposed decisions (from group discussions)	Nairobi Convention Secretariat		
15:00	General discussions			
15:30	Closing ceremony			
15:30 <b>–</b> 16.00	Coffee/Tea Break			
Side Meet	ings			
16.00	Critical Habitats Authors Meeting	Nairobi Convention/W		



Annex 2
List of participants at the Science to Policy Forum

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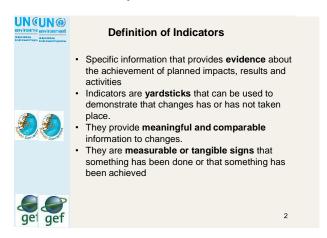
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#### Annex 3: Indicators presentation at the Critical Habitats Outlook Authors' meeting





#### Types of Indicators

- Indicators are either qualitative or quantitative criteria used to check whether planned changes have taken place as intended.
- They are designed to provide a standard against which to measure or assess or even show the success or progress of a programme or interventions against stated targets (GTZ&ITHOG 1989, Feuerstein 1986).







#### Types of Indicators

#### **Quantitative indicators**

- Should be reported in terms of a specific number (number, mean, or median) or percentage.
- Assessing the significance of an outcome requires data on both number and percent.



#### **Qualitative indicators**

- · Qualitative statements
- Measure perceptions
- · Measure attitude, behavior



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#### **Quantitative Indicators**

- Number of
- Proportion of
- · Percentage of
- Amount of
- · The ratio of



- · Length of distance
- · Weight of
- Size of
- Areas of/spread of
- Value of.....



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#### **Qualitative Indicators**

- · Level of
- · Presence of
- Evidence of
- Availability of
- Quality of
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  - Accessibility of
  - · Existence of
  - Sustainability of
  - Improvement of Ability to (e.g. skills)
  - Potential of



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#### **Proxy Indicators**

"better be approximately correct than precisely wrong".

Proxy indicators are needed when

- it is difficult to measure the outcome indicator directly.
- data on the direct indicator is not available.data collection is expensive.
- it is not feasible to collect data at regular intervals.



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#### Levels of Indicators

- Impact indicators that show to what extent the project has contributed towards its goals
- Result (Outcome and Output) indicators indicators that show to what extent planned results (outputs and outcomes) have been achieved



- Activities (Process indicators) indicators that show what activities have been completed
- Input indicators indicators that show what resources have been used by the project

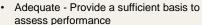


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#### Qualities of a good Indicator

The "CREAM" of good performance indicators.

- · Clear- Precise and unambiguous
- Relevant Appropriate to the subject at hand
- · Economic Available at a reasonable cost



 Monitorable - Amenable to independent validation

Equal to SMART



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#### Weaknesses in indicator design

- Indicators are usually discussed and defined late in the planning process (especially when this is confined to workshops).
- Indicators are designed to meet scientific research needs and are therefore less appropriate and meaningful for the beneficiaries.



- They are often not measurable in terms of costeffectiveness.
- There are usually too many indicators.
- Indicators which are easy to measure are preferred.
- Quantitative indicators are favoured to produce 'hard and reliable' statistic



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#### Objective of the Outlook

- Establish a baseline for SDG 14.2 Target
- By 2020, <u>sustainably manage</u> and <u>protect</u> marine and coastal ecosystems to avoid significant adverse impacts, including by <u>strengthening their resilience</u>, and take action fortheir <u>restoration</u> inorder to achieve <u>healthy</u> and productive oceans
- Indicator: Proportion of national exclusive economic zones managed using ecosystembased approaches



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### Objective of the Outlook

 Companion to the MPA Outlook – SDG 14.5 Target



By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information



Indicator: Coverage of protected areas in relation to marine areas

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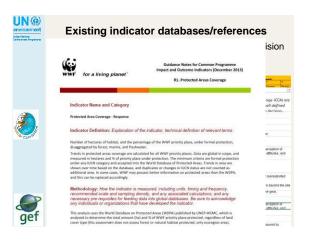






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#### **Selected MPA Indicators**

- Coastal/marine protected area ha/km sq
- Coastal/marine protected area in %
- Management effectiveness scores
- Marine KBAs covered by protected areas
- Community indicators: access to wildlife resources, quantity of- and perception of benefits, level of equitable distribution, percent positive change in community attitudes,





#### Proposed Indicators from above sources

#### Selected habitat Indicators

- · Habitat cover in ha/km2 (loss/gain)
- Spatial-temporal cover changes (ha/km sq/%)
- · Areas and percentage of habitat under formal protection
- Area of habitat undergoing restoration
- · Area and percentage of habitat credibly certified or credibly verified as well-managed
- Number of people/households who are employed by habitat-dependent industries disaggregated by gender
- · Productivity of habitats







#### Proposed Indicators from above sources

#### Selected species Indicators

- Species population/density
- Species richness/diversity
- Level of endemism
- No of invasive/alien species
- Poaching levels, levels of illegal products in trade
- Red List Index



