

A transformative ocean governance to enable sustainability- (WIO)

James Mbugua, CORDIO

jmbugua@cordioea.net

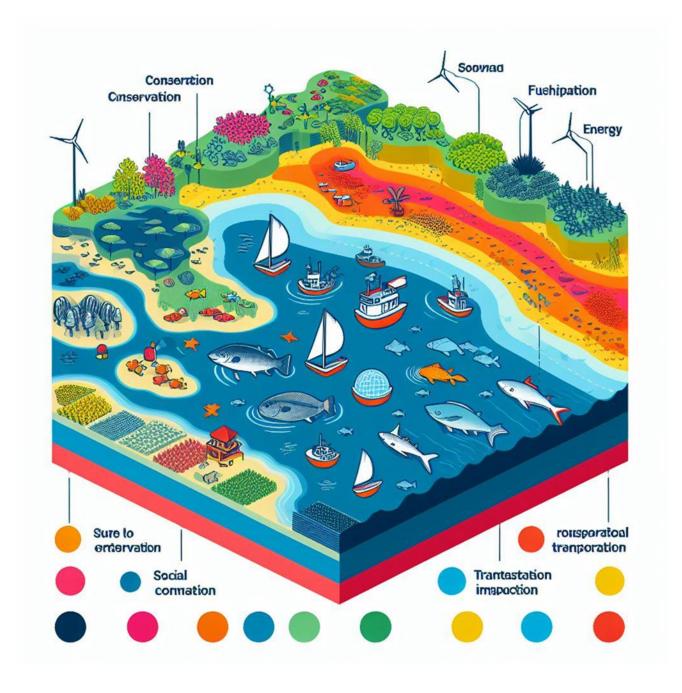
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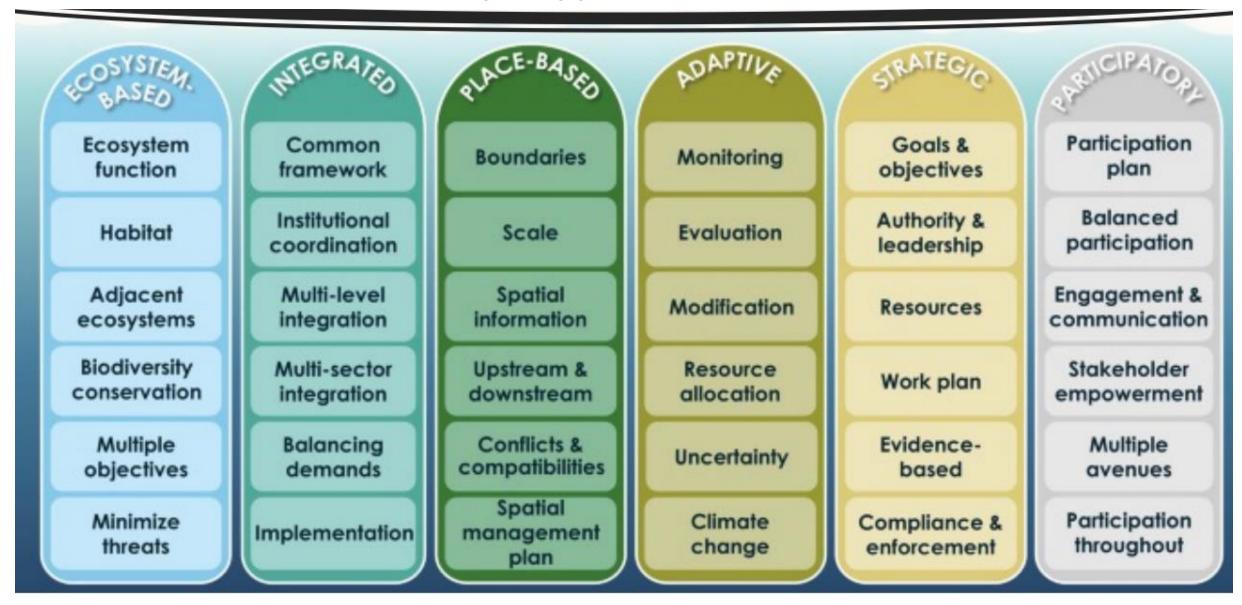


#### *Marine Spatial Planning* is defined as:

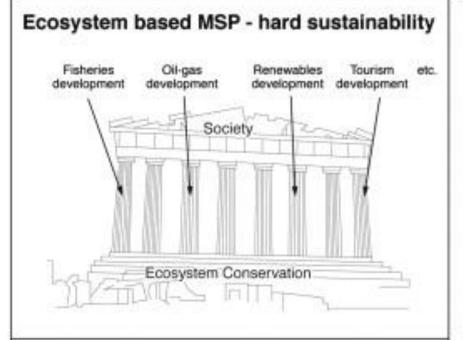
"a public process of analyzing and allocating the spatial and temporal distribution of human activities in marine areas to achieve ecological, economic, and social objectives that are usually specified through a political process"



### Multiple approaches to MSP



# Different views on sustainability in MSP



Ecosystem conservation is seen-as the foundation for MSP, and that irreversible collapse in marine ecosystems would eventually lead to collapses in the economic sectors that depend on such marine ecosystems.

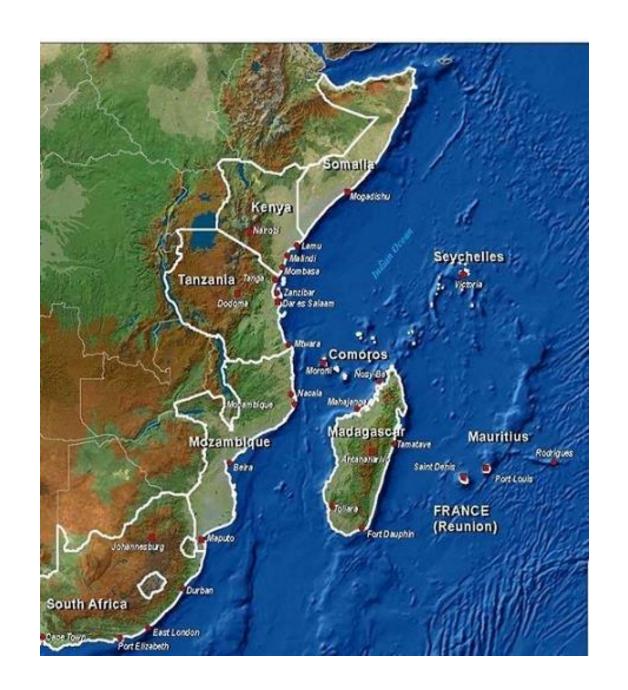


Economic growth is seen as the foundation of MSP, and the collapse of the 'environmental pillar' does not necessarily lead to the collapse of related socioeconomic structures.

Qiu, Wanfei & Jones, Peter. (2013). The emerging policy landscape for marine spatial planning in Europe. Marine Policy. 39. 182–190. 10.1016/i.marpol.2012.10.010.

### **Western Indian Ocean region**

- Administered by <u>UNEP</u>, the Nairobi Convention
- Signed
  by <u>Comoros</u>, <u>France</u>, <u>Kenya</u>, <u>Madaga</u>
  scar, <u>Mauritius</u>, <u>Mozambique</u>, <u>Seych</u>
  elles, <u>Somalia</u>, <u>Tanzania</u> and
  the Republic of South Africa
- Provides a platform for governments, civil society, and the private sector to work together for the sustainable management and use of the marine and coastal environment.



### **Western Indian Ocean region MSP Strategy**

- Strategy adopts an ecosystem-based approach to MSP,
- Based on eight guiding principles
- Defines a vision, a goal and 11 objectives
- Identifies Nine strategic priorities to be addressed with a systems thinking approach

UNEP-Nairobi Convention, WIOMSA, Nelson Mandela University, and Macquarie University (2021). A regional Marine Spatial Planning Strategy in the Western Indian Ocean. UNEP-Nairobi Convention, WIOMSA, Nelson Mandela University, and Macquarie University, 82 pp.

#### Vision

A WIO with inclusive and sustainable management of ocean and coastal ecosystem services for human wellbeing

#### Goal

An inclusive and holistic MSP process that produces a regional marine spatial plan to support the sustainable management of ocean and coastal ecosystems for all

Multi-use & Roadmap, principles Sustainable & inclusive Manage Objectives Policy and guidelines for conflict threatening blue economies alignment EBA to regional MSP management processes Tools for Clear implementation Knowledge Systems Framework for EBA institutional approach management to National MSP arrangements Network of MPAs Stakeholder Improved Contextualisation engagement mapping of Multilateral of the global blue Increased biophysical stock processes that Priorities economy narrative ocean environment & bring big industry management for the WIO region protection & smaller interest human activities plans groups together Strategic

Harmonisation of legal instruments for blue economy

Cross sectoral

Improved management of different sectoral activities & conflict

Management & protection of ABNJ

#### Systemic perspective of strategic priorities

Implementation

Support for and mainstreaming of the strategy

Political will, government transparency & accountability

Binding multilateral agreements

Ecosystembased approaches to support SGD achievement

Supporting Legal Framework

Nested plans; codevelopment of area plans

Identification of Priorities

Capacity development for financial planning; communication; in-country MSP

expertise; knowledge management Guidelines and Tools

Monitoring, Evaluation and Learning (MEL)

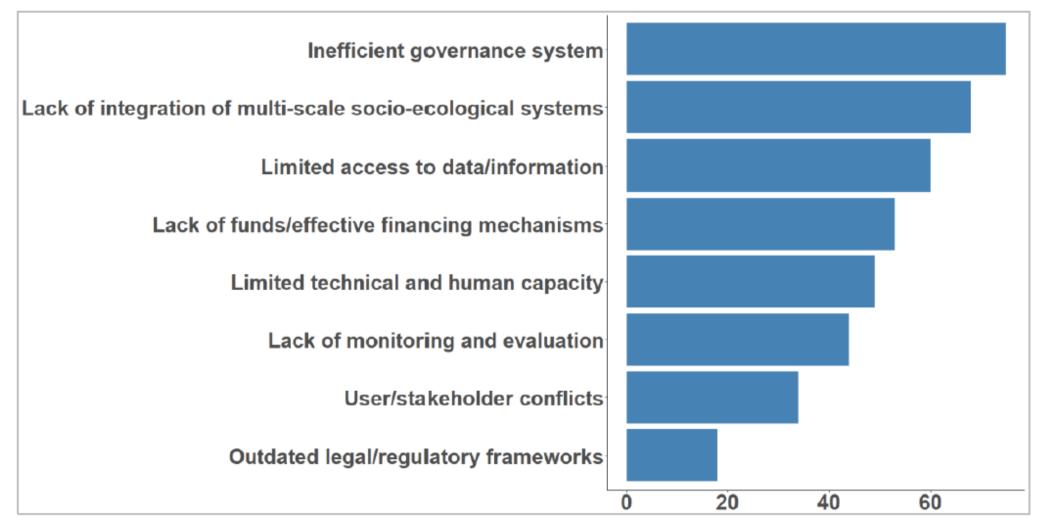
### **Enabling frameworks**

- AU Agenda 2063
- WIO region (full)
  - (SAPPHIRE) Strategic Action Programme Policy Harmonization and Institutional Reforms
  - (WIO-SAP)-Western Indian Ocean Strategic Action Programme Projects recognizes that a regional MSP strategy is vital to harmonize the different marine and coastal management and spatial planning initiatives in the countries of the WIO region.
- Sub-regional/National
  - South Africa Operation Phakisa
  - Seychelles Blue Economy and Debt for Adaptation (w. TNC)
  - Kenya-KEMSFED project and TNC
    - Sub-National County Spatial Plans

#### Many existing resources/opportunities

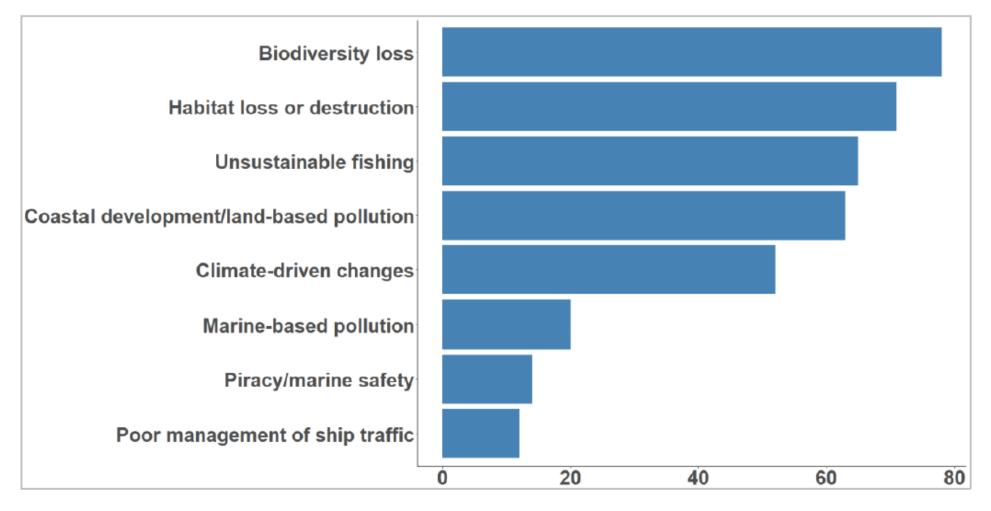
- UNESCO-IOC MSP programme
  - Manual and technical resources Ehler and Douvere
  - Africa Marine Atlas/ODINAFRICA
- CBD experiences and tools on MSP
  - EBSA data and capacity building
- Nairobi Convention
  - WIOSymphony tool-Cumulative pressure assessment tool
- NGO
  - Multiple NGOs, e.g. The Nature Conservancy
- Datasets and information
  - Africa Marine Atlas (UNESCO)
  - ASCLME
  - UNEP/GRID Arendahl
  - UNEP/WCMC
  - MASPAWIO
  - Other sources ...

#### Challenges to effective Ocean governance/MSP in the WIO



Weighted ranking (%) of surveys responses for all governance challenges

#### Challenges to effective Ocean governance/MSP in the WIO



Weighted ranking (%) of surveys responses for all threatening process

#### **Recap & Key Actions**

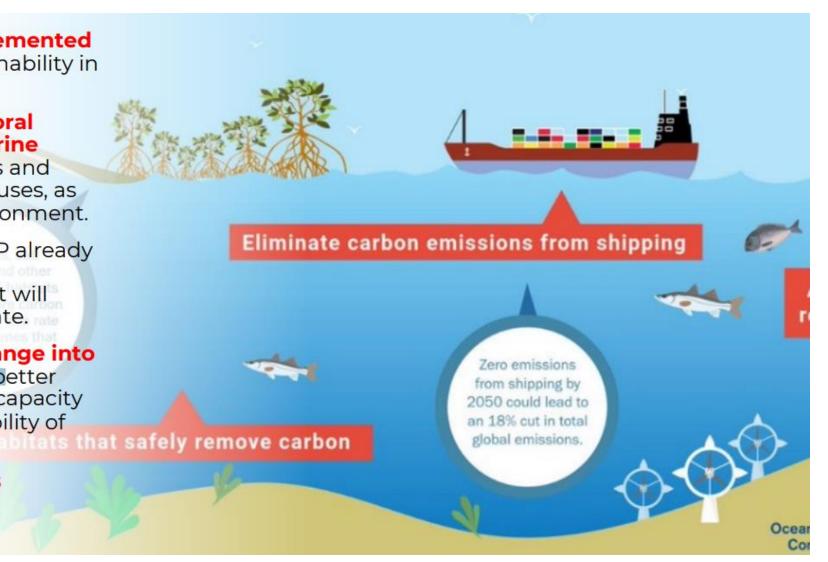
 MSP is being developed and implemented worldwide as a way to foster sustainability in ocean management and use.

 It deals with the spatial and temporal distribution of human uses in marine areas, striving to minimize conflicts and foster compatibilities among such uses, as well as between uses and the environment.

 On top of the many challenges MSP already faces (political, socioeconomic, environmental), in the near future it will need to deal with a changing climate.

 Properly incorporating climate change into the MSP framework will allow for better preparedness, improved response capacity and, ultimately, a reduced vulnerability of marine socio-ecological systems.

 Make use of Land Sea Interactions approach for analysing conflicts on nearshores



## Thank you







#### **WIO MSP Strategy:**

UNEP-Nairobi Convention, WIOMSA, Nelson Mandela University, and Macquarie University (2021). *A regional Marine Spatial Planning Strategy in the Western Indian Ocean.* UNEP-Nairobi Convention, WIOMSA, Nelson Mandela University, and Macquarie University, 82 pp.