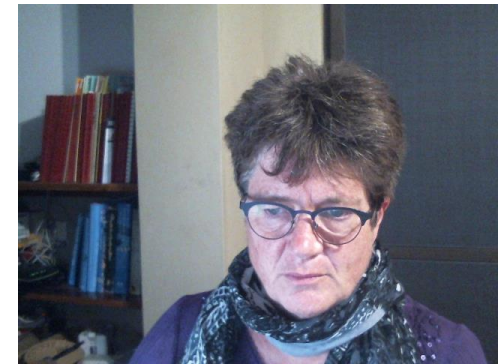




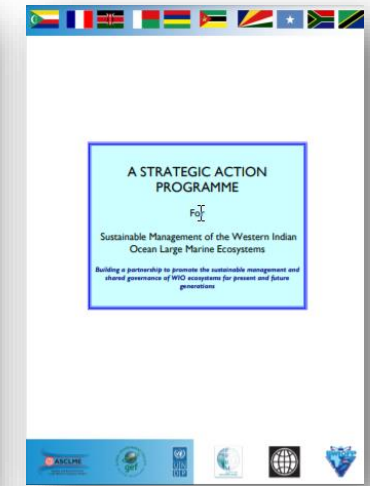
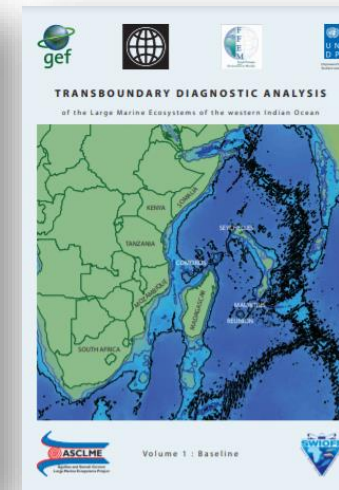
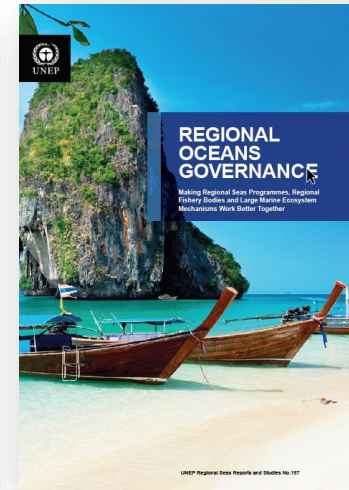
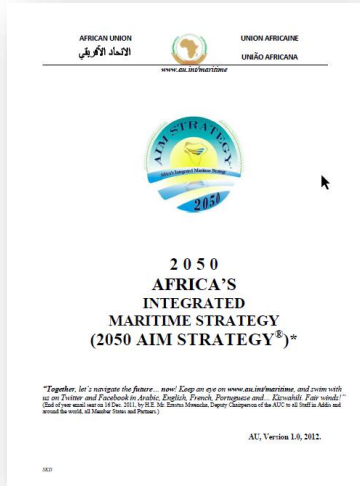
A regional Marine Spatial Planning Strategy for the Western Indian Ocean

Amanda T. Lombard, Jai K. Clifford-Holmes, Bernadette Snow, Victoria Goodall, Kaylee P. Smit,
Mia Strand, Hannah Truter and Vera Horigue

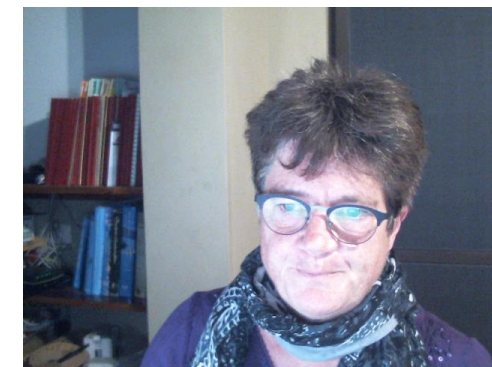


Need for a regional MSP strategy

Parties to the Nairobi Convention (NC) and partners, Dar es Salaam, March 2019 ... requested the Nairobi Convention Secretariat to work with partners to develop a regional strategy



Source	Title
African Union	Africa's Integrated Maritime Strategy 2050 (AIMS)
	Africa Blue Economy Strategy 2019
African Union Commission	Agenda 2063. The Africa we want
African Union, UNEP	African Strategy for Ocean Governance
UN Development Programme	Transboundary Diagnostic Analysis (TDA) of the Large Marine Ecosystems of the western Indian Ocean
	A Strategic Action Programme (SAP) for Sustainable Management of the Western Indian Ocean Large Marine Ecosystems



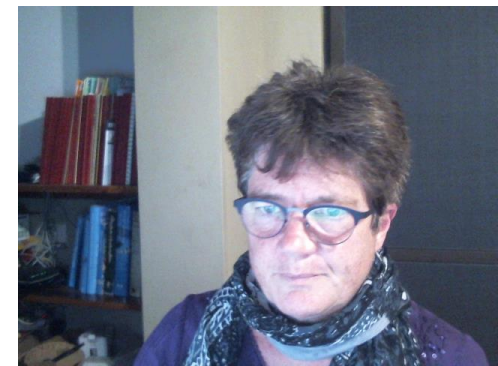
Definition of MSP



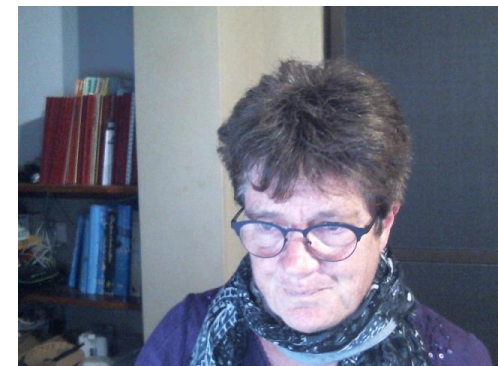
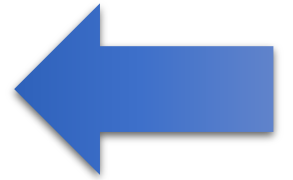
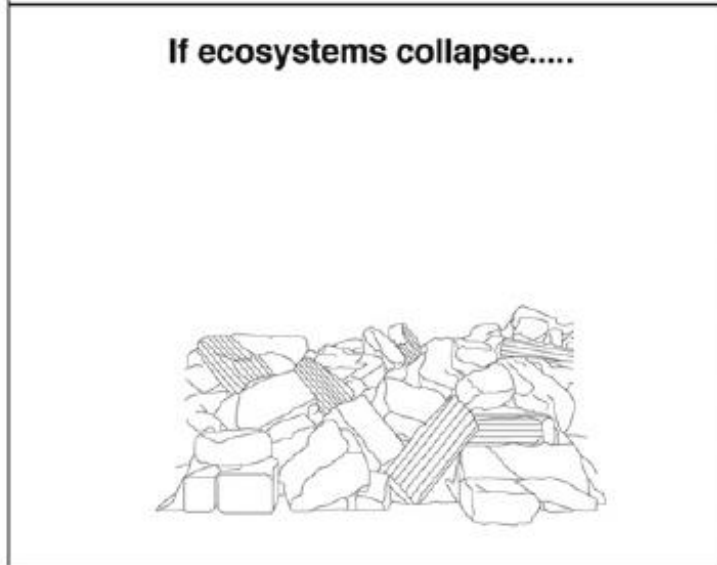
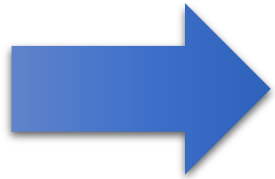
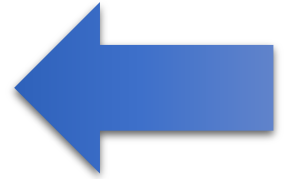
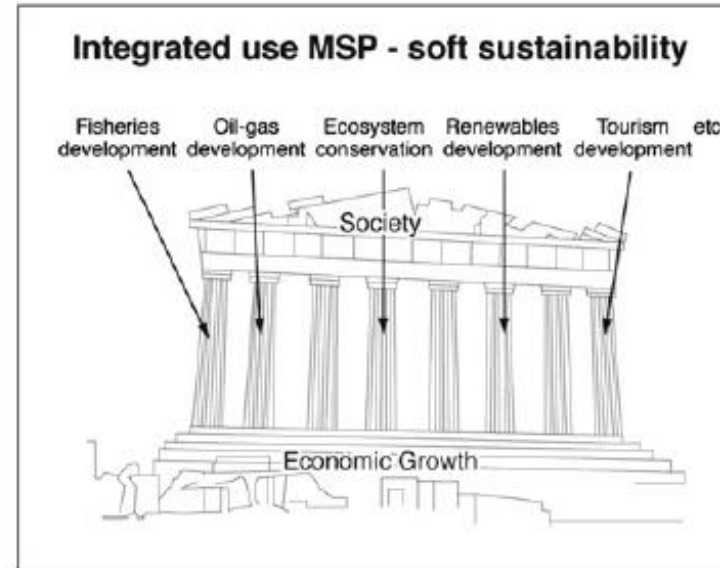
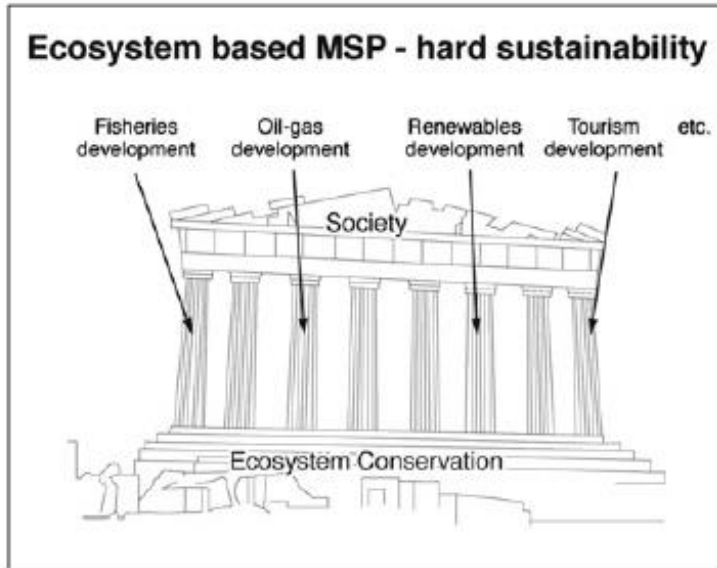
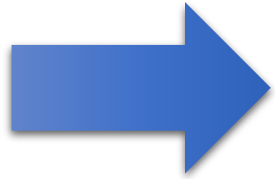
MSP is “a process of analyzing and allocating parts of three-dimensional marine spaces (or ecosystems) to specific uses or objectives, to achieve ecological, economic, and social objectives that are usually specified through a political process”

MSP is a process that is:

- ecosystem-based
- integrated across sectors & agencies
- area-based
- adaptive
- strategic and anticipatory
- and participatory



Ecosystem-based versus Integrated use MSP

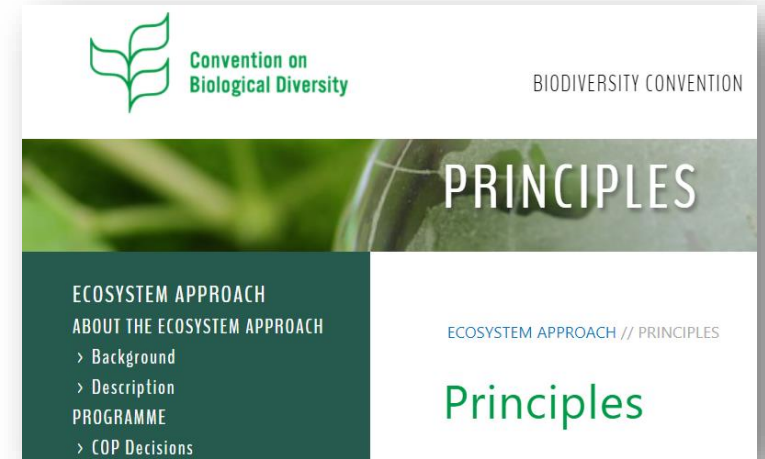


Guiding principles

UN SDGs

UNEP's proposed new Marine and Coastal Strategy (2020-2030)

UN Economic Commission for Africa (UNECA 2016)



- An ecosystem-based approach
- A Systems thinking approach
- A multi-stakeholder-based approach
- A sound evidence base for decision-making
- Transparency and accountability
- Policy coherence
- Cooperation
- Shared benefits and prosperity for all

Annex 1: Malawi Principles for the Ecosystem Approach

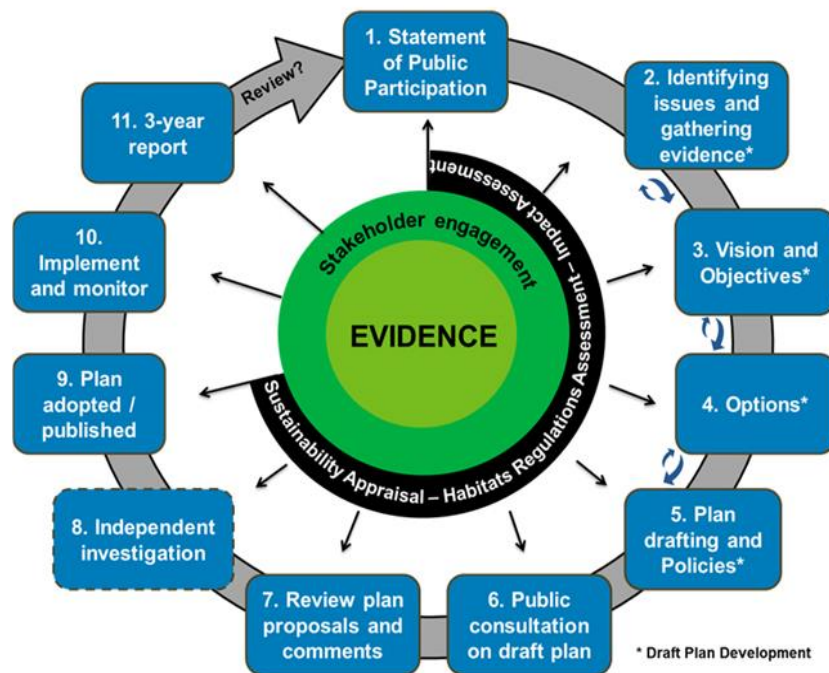
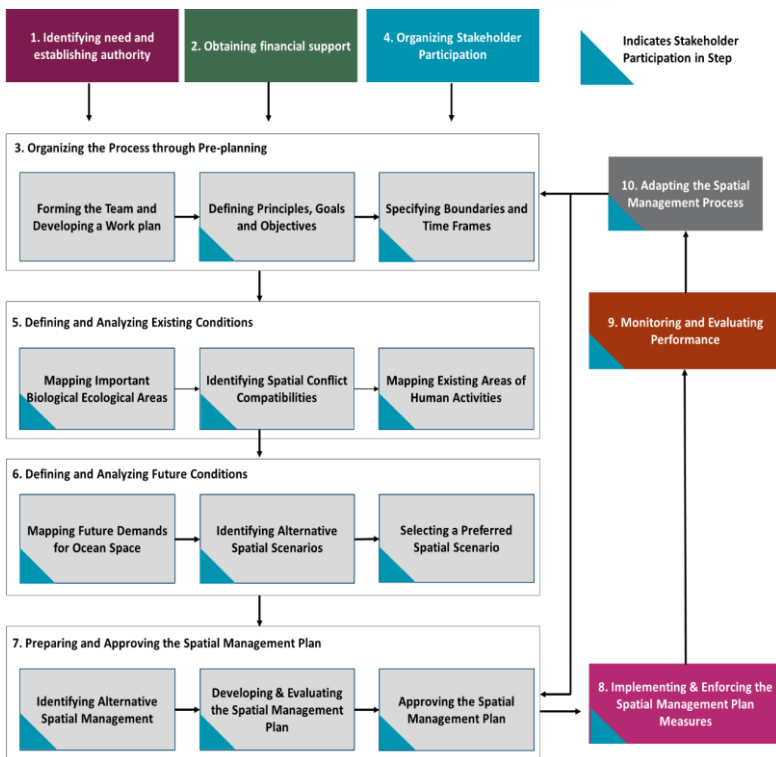
12



Best practice



Marine Plan Partnership
Pacific North Coast



Governance challenges

- Inefficient governance system
- Lack of integration
- Limited access to data
- Lack of funds & inefficient spending
- Limited technical and human capacity
- Lack of monitoring and evaluation
- User/stakeholder conflicts
- Outdated legal/regulatory frameworks
- Human population growth
- Regional issues not prioritised by nations

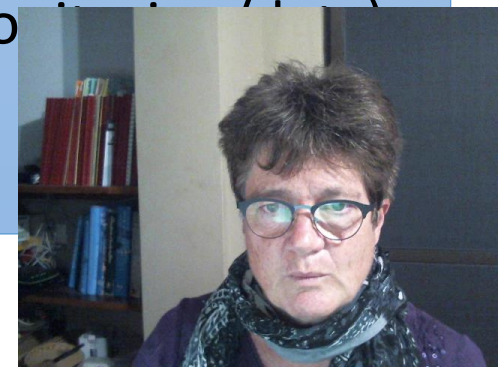
Threatening processes

- Biodiversity loss
- Habitat loss/destruction
- Unsustainable fishing
- Pollution & sedimentation
- Climate-driven changes
- Piracy/marine safety & security
- Poor management of ship traffic

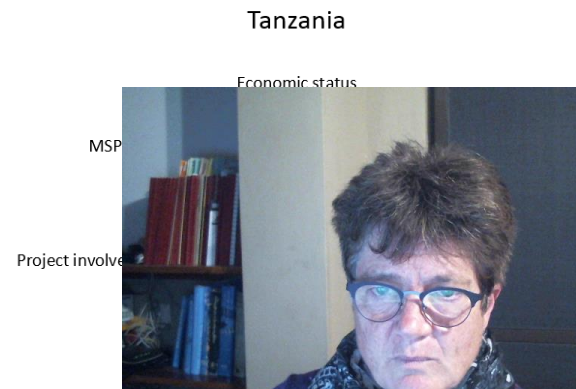
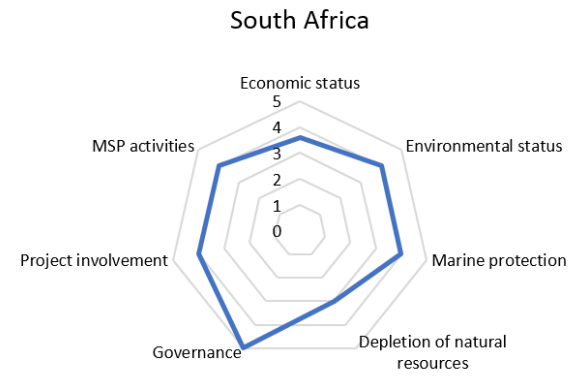
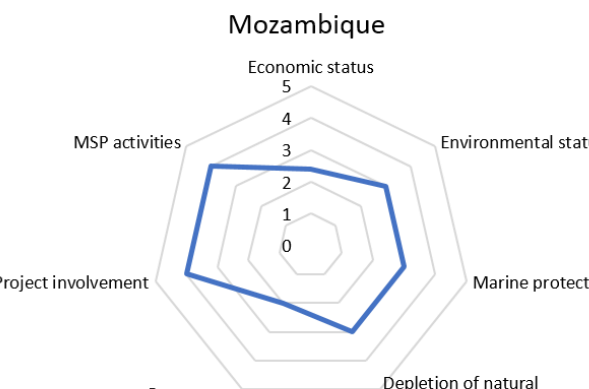
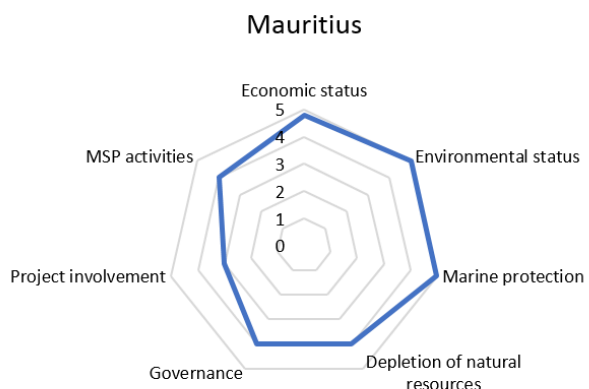
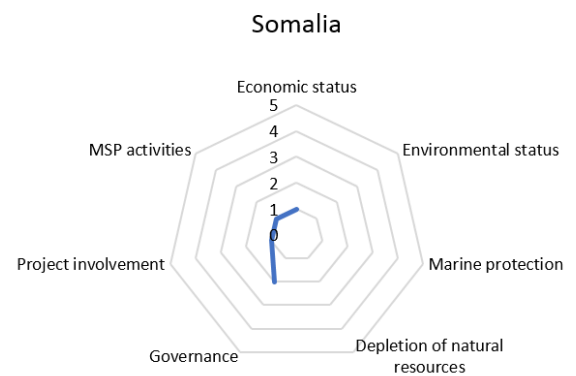
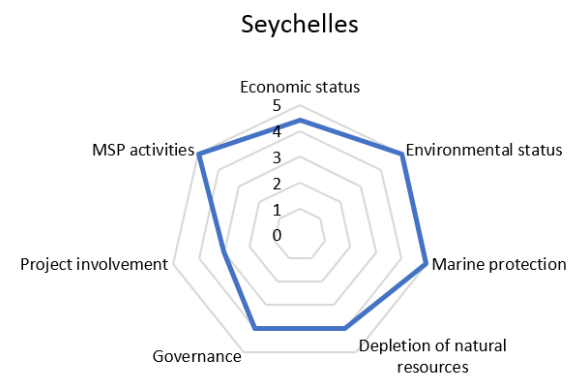
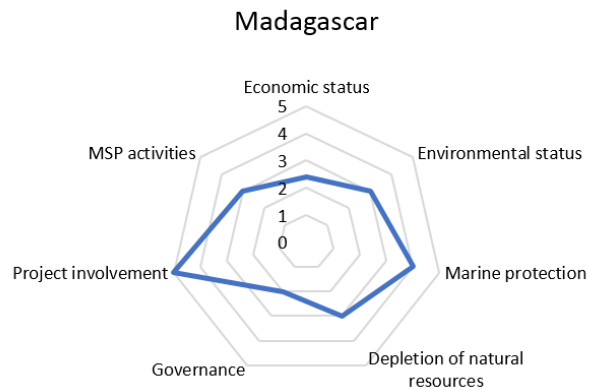
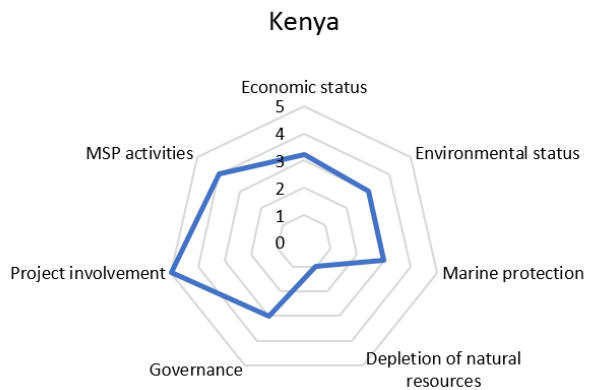
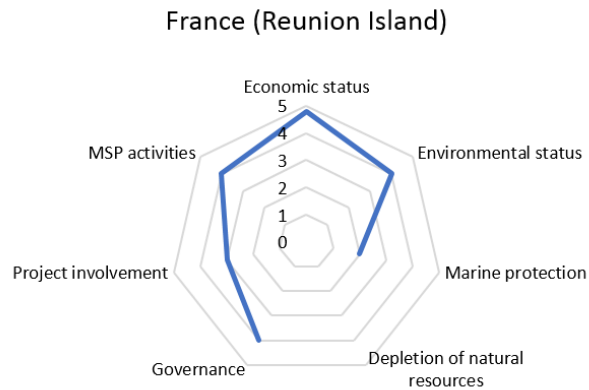
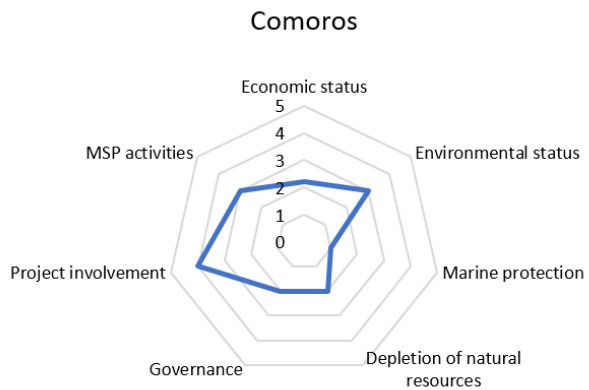


Benefits of regional MSP

- Increased resilience to climate change
- Effective management of marine ecosystems /processes
- Effective management of migratory marine species
- A reduction of overexploitation
- Improved understanding of regional ecosystem services
- Reduced habitat modification
- Improved water quality management
- Mitigation and reduction of pressures (*pollution)
- Conflict management
- Improved knowledge management (monitoring, assessment)
- Conservation of ABNJ
- Improved maritime safety & security



National MSP readiness in the WIO



Vision

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



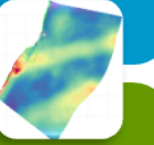




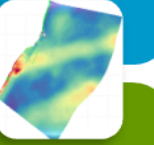


Goal

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

Objectives

Roadmap, principles and guidelines for EBA to regional MSP	Policy alignment	Multi-use & conflict management	Manage threatening processes	Sustainable & inclusive blue economies
Framework for EBA to National MSP	Clear institutional arrangements	Systems approach	Knowledge management	Tools for implementation
				Network of MPAs

Strategic Priorities

Stakeholder engagement processes that bring big industry & smaller interest groups together 	Contextualisation of the global blue economy narrative for the WIO region 	Improved mapping of biophysical environment & human activities 	Multilateral stock management plans 	Increased ocean protection 
Harmonisation of legal instruments for blue economy practices 	Cross sectoral governance 	Improved management of different sectoral activities & conflict 	Management & protection of ABNJ 	

Systemic perspective of strategic priorities

Implementation

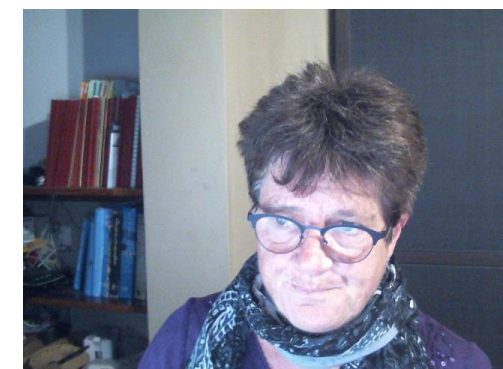
Adoption and implementation of the strategy	Binding multilateral agreements	Supporting Legal Framework	Capacity development for financial planning; communication; in-country MSP expertise; knowledge management	Guidelines and Tools
Political will, government transparency & accountability	Ecosystem-based approaches to support SGD achievement	Nested plans; co-development of area plans		Monitoring, Evaluation and Learning (MEL)
		Identification of Priorities		

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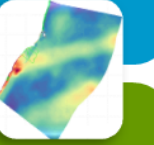




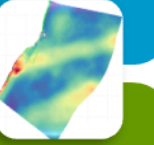


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Roadmap, principles and guidelines for EBA to regional MSP

Framework for EBA to National MSP

Manage threatening processes

Tools for implementation

Policy alignment

Systems approach

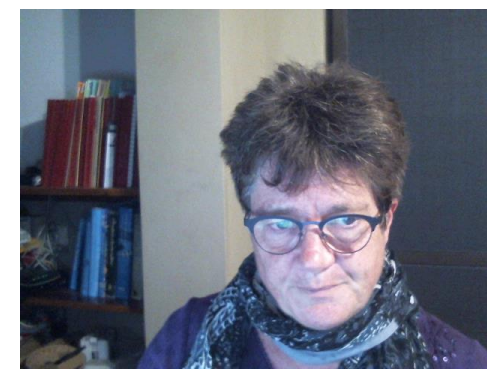
Clear institutional arrangements

Multi-use & conflict management

Sustainable & inclusive blue economies

Knowledge management

Network of MPAs



Vision

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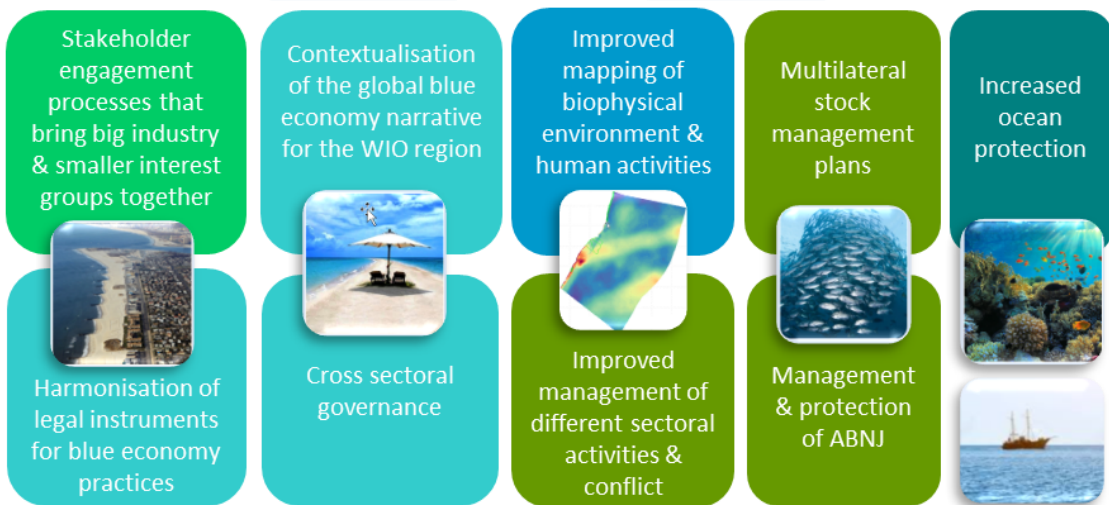
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Stakeholder engagement processes that bring big industry & smaller interest groups together

Contextualisation of the global blue economy narrative for the WIO region

Harmonisation of legal instruments for blue economy practices

Cross sectoral governance

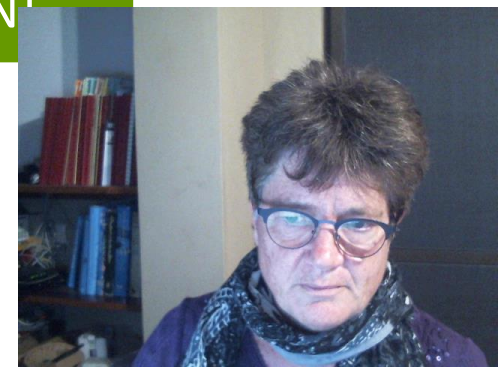
Improved mapping of biophysical environment & human activities

Multilateral stock management plans

Improved management of different sectoral activities & conflict

Management & protection of ABNJ

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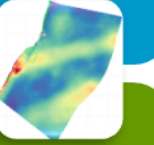



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Adoption and implementation of the strategy

Political will, government transparency & accountability

Ecosystem-based approaches to support SGD achievement

Nested plans; co-development of area plans

Capacity development

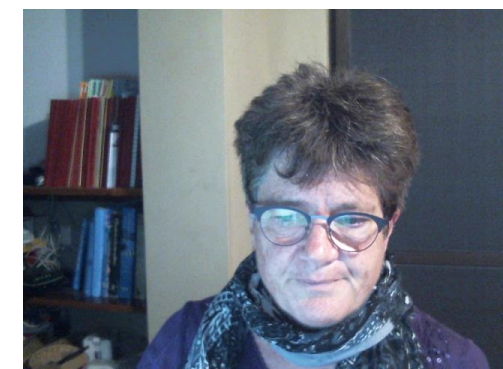
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Monitoring, Evaluation and Learning (MEL)

Binding multilateral agreements

Supporting Legal Framework

Identification of Priorities



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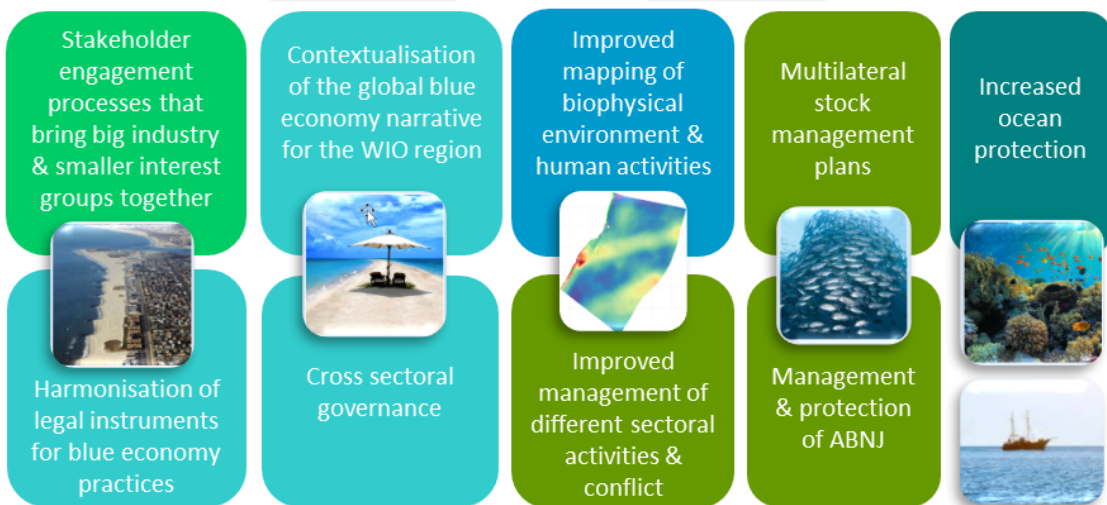
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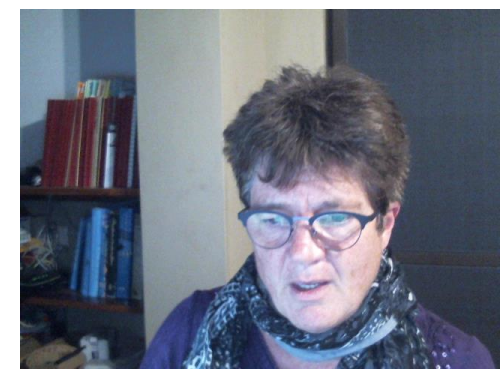
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Systemic perspective of strategic priorities

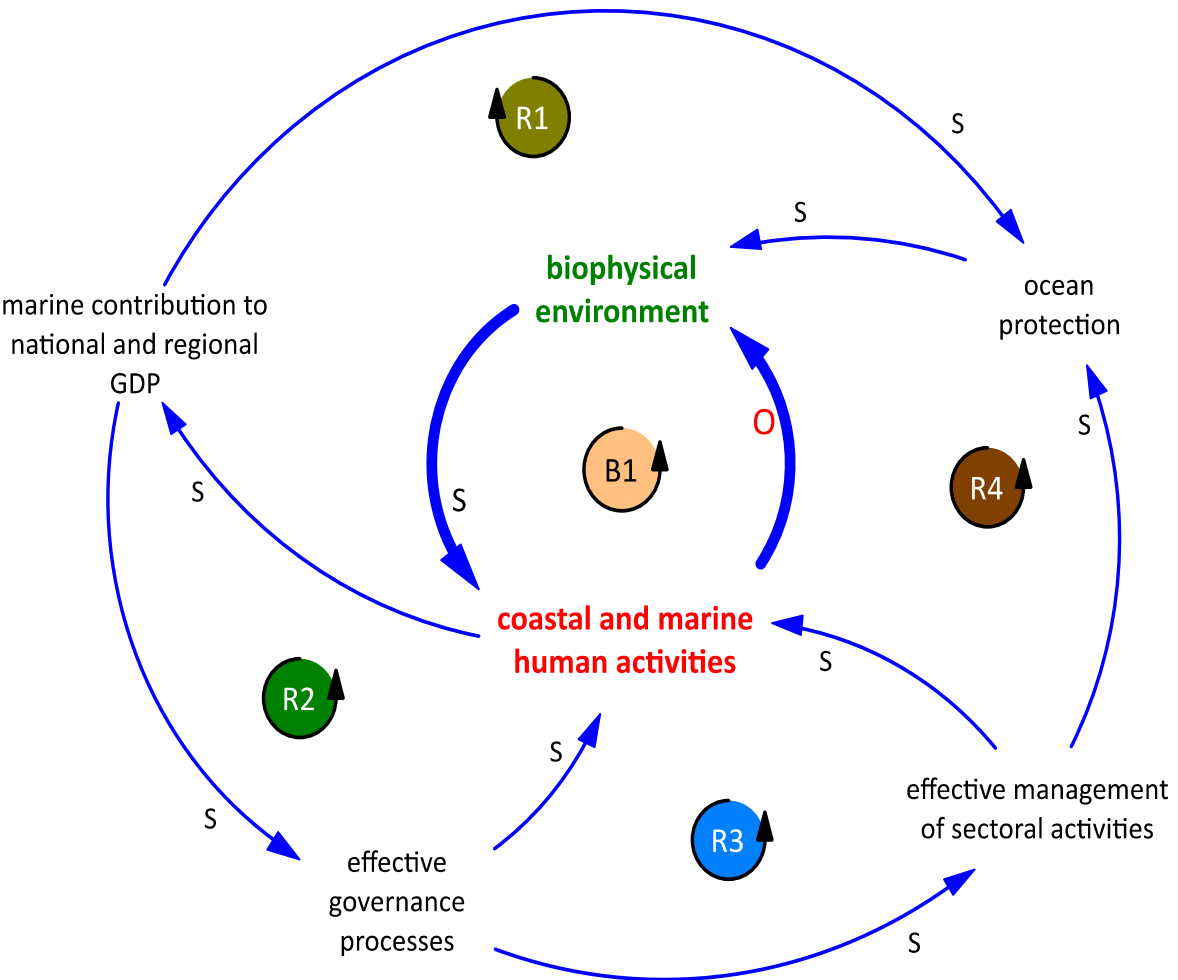
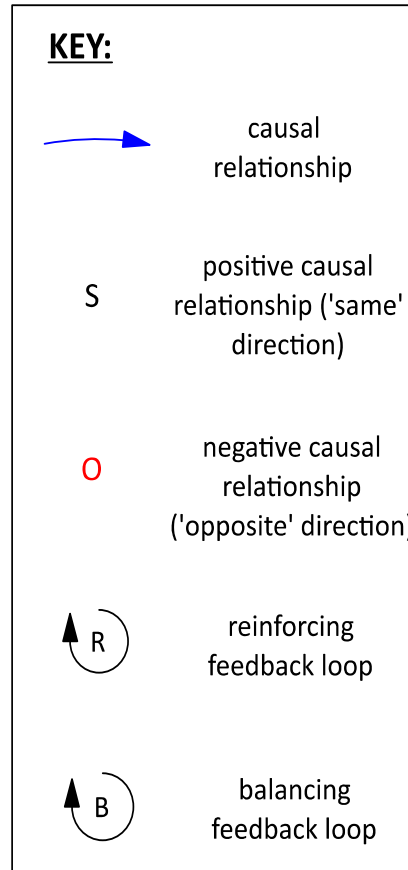
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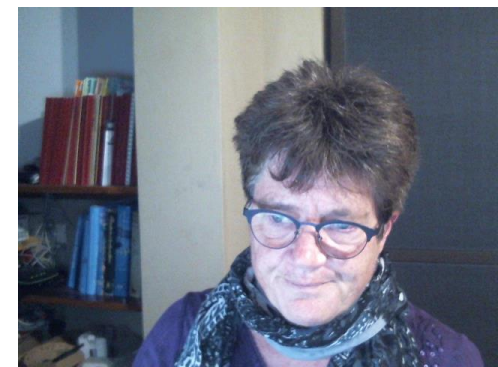
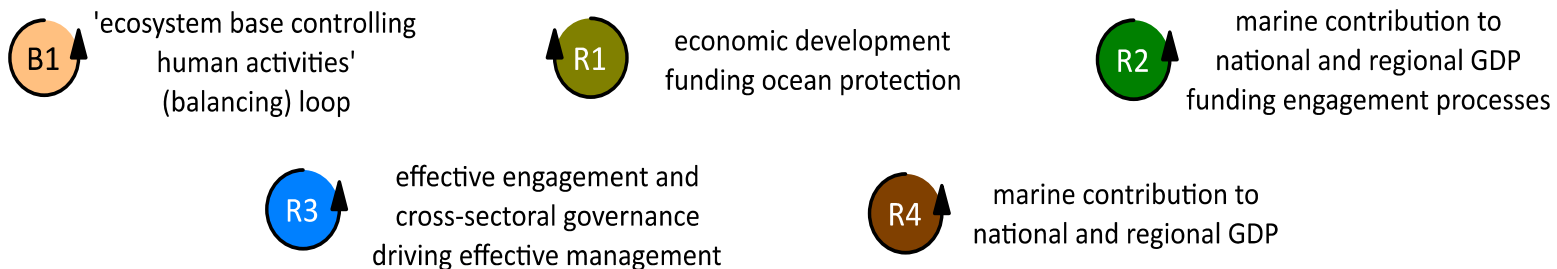


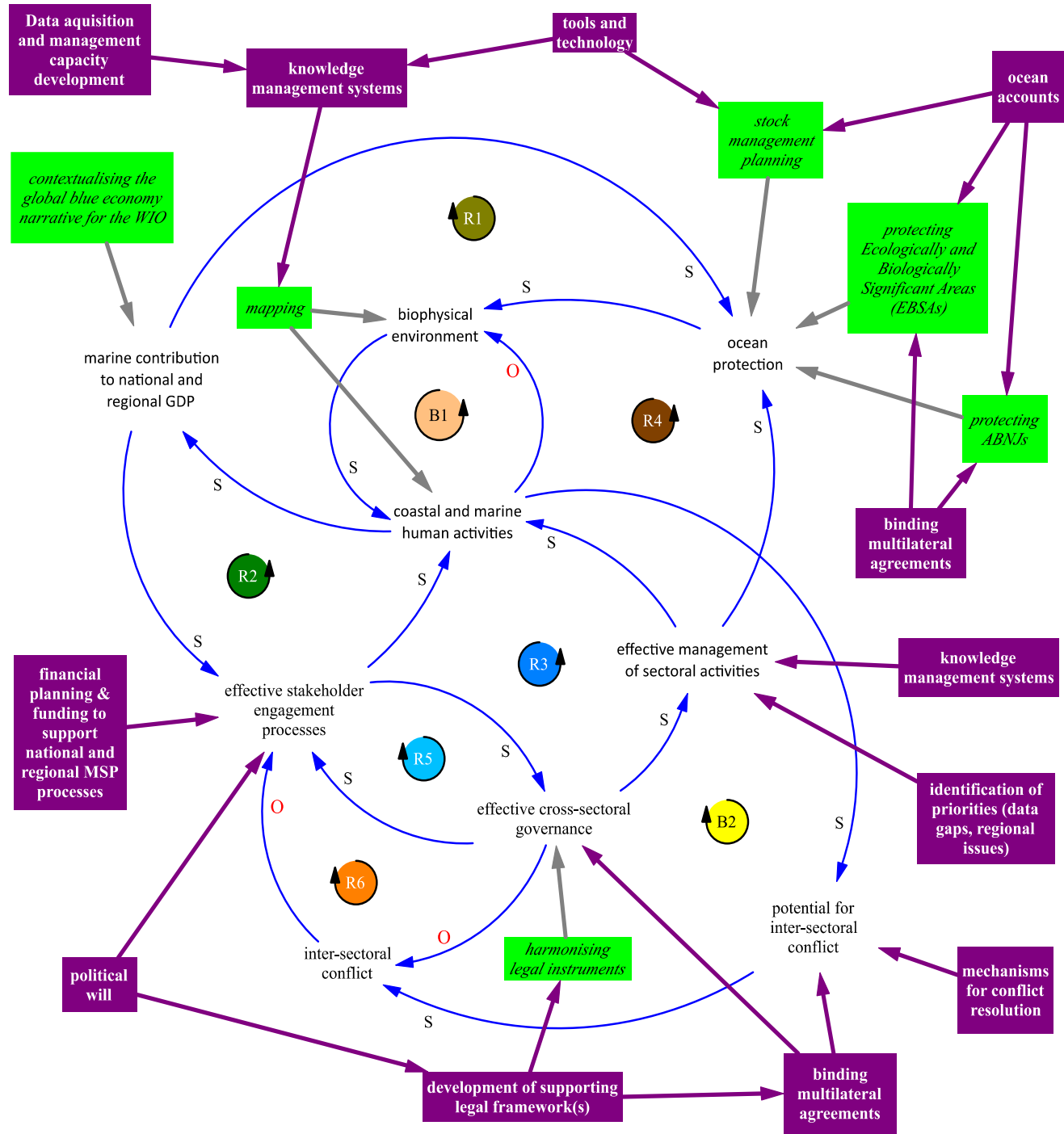
Systemic perspectives of strategic priorities

High-level causal loop diagram (CLD)



FEEDBACK LOOPS:





Expanded CLD with enabling mechanisms shown in relation to leverage points



Strategic Recommendations

1. Agree to ratify and adopt the strategy
2. Agree to harmonise in-country MSP development with strategy
3. Secure funding and develop capacity MSP
4. Develop regional partnerships (e.g. SADC, RFMOs, IOC, etc.)
5. Ensure that MSP follows an ecosystems-based approach (“Malawi Principles”)

Technical Recommendations

1. Promote an enabling policy environment for in-country MSP legislation.
2. Assist with establishment of in-country cross-sectoral forums/committees/working groups
3. Develop in-country knowledge management systems
4. Develop a communication and stakeholder engagement plan





THANK YOU



MACQUARIE
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