



Food and Agriculture
Organization of the
United Nations



Area-Based Planning in ABNJ

Sustainable fisheries management and biodiversity conservation of deep-sea living marine resources and ecosystems in the Areas Beyond National Jurisdiction

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Overview

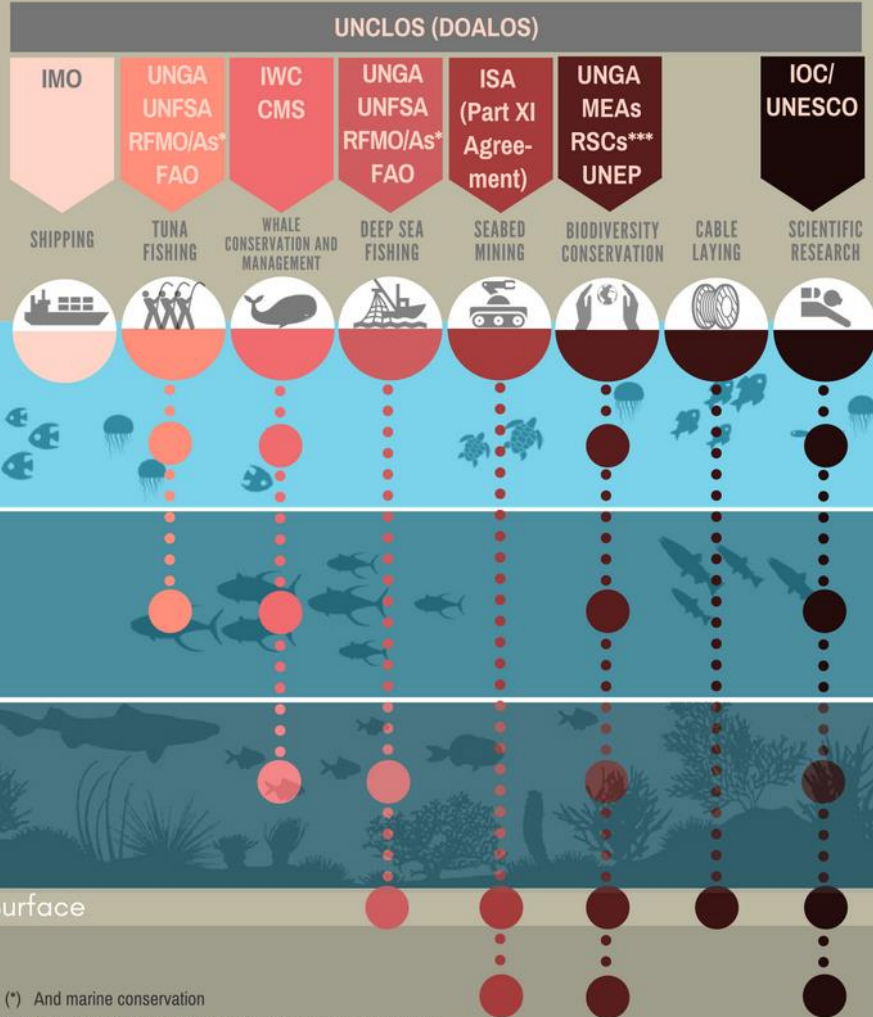
- * Overview of activities in ABNJ
- * Consideration of a planning process
- * Compatibility of activities and co-location of activities

WIO countries party to global and regional institutions and agreements

Western Indian Ocean countries/ Nairobi Convention Parties	Global institutions and agreements									Regional institutions and agreements			
	UNCLOS	IMO	MARPOL	ISA	UNFSA	IWC	CBD	CMS	CITES	SIOFA	IOTC	SWIOFC	IOC
Comoros	✓	✓	✓	✓			✓		✓		✓	✓	✓
Kenya	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Madagascar	✓	✓	✓	✓			✓	✓	✓		✓	✓	✓
Mauritius	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mozambique	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	
Réunion (FR)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Seychelles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Somalia	✓	✓		✓			✓	✓	✓			✓	
South Africa	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Tanzania	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	

MULTIPLE OCEAN USES*

AND EXAMPLES OF INSTITUTIONS**
RELATED TO ABNJ



(*) And marine conservation

(**) Selected intergovernmental institutions and/or conventions

(***) Selected

@ Legal Atlas [2016]



Fisheries

- Regional Fisheries Management Organisations (RFMOs)
 - Biomass removal
 - Seabed disturbance
 - By-Catch



Shipping

- International Maritime Organization (IMO)
- Conventions
 - Pollution
 - Marine mammal collisions



Deep Sea Mining

- International Seabed Authority (ISA)
 - Disturbance or loss of seabed habitats
 - Sediment plumes

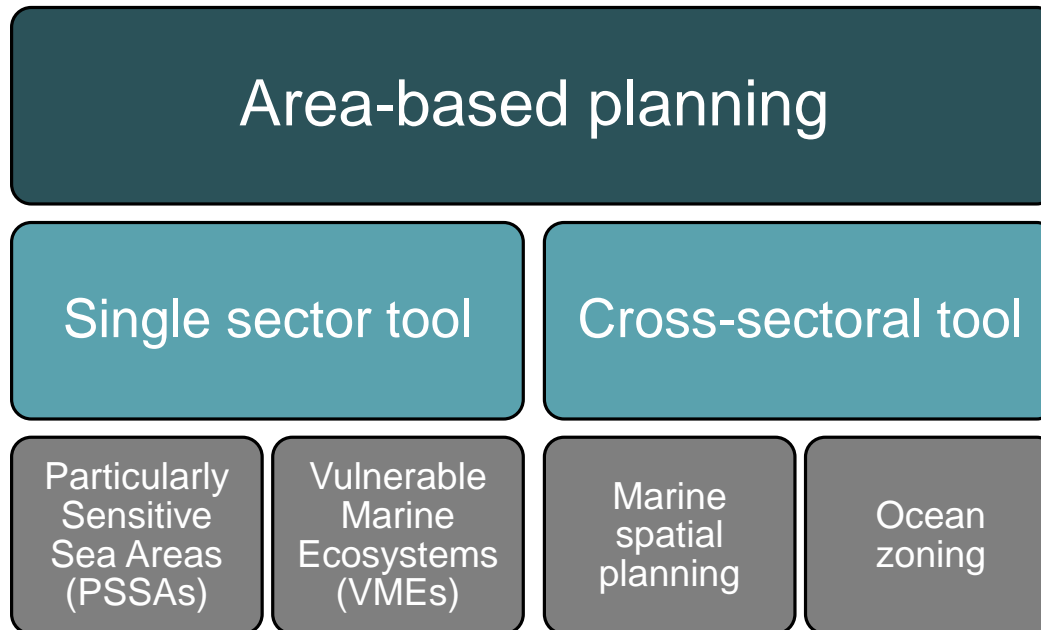


Cable Laying

- No international governance body
- Managed by States
 - Localised seabed disturbance

Why area-based planning?

- Sector-specific activities and planning approaches



- Interaction between sectoral activities and planning approaches unclear in the future
- Ambition under a new implementing agreement to “not undermine” other processes and frameworks in ABNJ

Today we are going to...

- Identify marine activities relevant to both EEZ and ABNJ
- Specify which ones extend into ABNJ and why are these relevant to you
- Identify which activities may be compatible or incompatible

Some examples.....

OVERLAPPING INTERESTS BY COUNTRY (E.G. PL VS. DE) / STATUS: A=EXISTING B=CLAIM C=PLANNED	STATUS: CONFLICT, COEXISTENCE, OR COMPETING	DESCRIPTION OF CONFLICT ANALYSIS	POSSIBLE/PROPOSED SOLUTION
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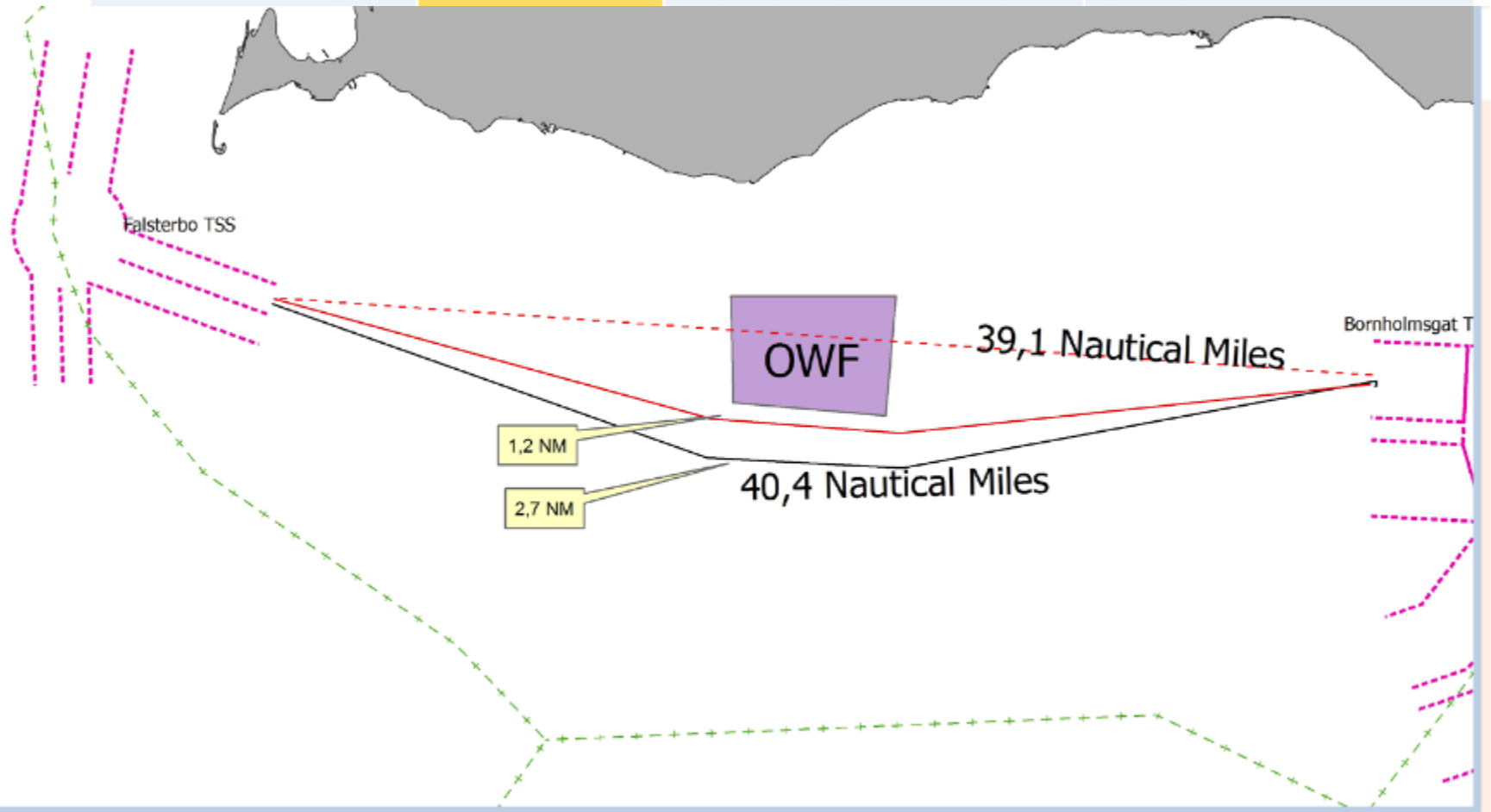



Figure 23: Example of rerouting options in the Southwest Baltic sea

 (SE) Maritime Transport Routes (A)		Klaipeda route.	
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Examples:

- **Fisheries** in EEZ extends to ABNJ.
- When you use Skype – the call runs on **cables** that cross ABNJ
- **Shipping vessels** from EEZ to ABNJ
- What types of activities are incompatible and why?

Exercise: Compatibility Matrix

USE	Deep sea fisheries (trawling)	Shipping	Deep sea mining	Cable laying	Biodiversity conservation
Deep sea fisheries (trawling)					
Shipping			Score <i>Why?</i>		
Deep sea mining					
Cable laying					
Biodiversity conservation					

Incompatible	Partly compatible	Need more information	Likely compatible	Compatible
-2	-1	0	+1	+2

Questions to consider

- What are the risks associated with a sectoral approach to management?
- How might understanding of the activities of other sectors be improved?
- If activities in ABNJ increases, is there likely to be a greater or less need for planning?
- How could changes in the management of one sectoral activity generate potential socio-economic benefits for another (otherwise known as 'co-benefit generation')? What are these benefits?
- A simple matrix evaluates two activities together. However, it is entirely possible to have 3 or more activities competing for the same location. What are ways to manage this?

Additional resources



giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

<https://www.youtube.com/watch?v=HZu4QSRis7U>

WEBINAR: Tools for Areas Beyond National Jurisdiction (ABNJ)
28 February 2019



Category: Deep Seas & Biodiversity

Type of document: Miscellanea

This webinar discusses a range of planning and management tools for use in areas beyond national jurisdiction: - Available area-based planning tools for ABNJ; - Key features that enable them to be used for cross-sectoral area-based planning in support of the conservation and sustainable use of marine biological diversity in ABNJ; - Recommendations based on analysis undertaken to guide the development of a dedicated area-based planning methodology. Also available in Spanish.



<http://www.fao.org/in-action/commonoceans/en/>

<https://www.youtube.com/watch?v=VCMY77N-QVg>

Thank you

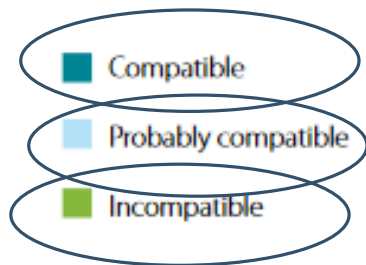


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<https://www.unep-wcmc.org/resources-and-data>



Identifying compatible uses



	Commercial Fishing: Nets	Commercial Fishing:	Commercial Fishing: Pots/traps	Commercial Fishing: Spears/hapoons	Commercial Fishing: Trawls/dredges	Commercial Fishing: Seine nets	Commercial Fishing: Beach seines	Commercial Fishing: Purse seines	Offshore Aquaculture/Mariculture	Recreational Fishing: Hook/line Fishing	Recreational Fishing: Pots/traps	Recreational Fishing: Shellfishing	Recreation: Sailing	Recreation: Boating	Recreation: Personal watercraft	Recreation: Scuba diving/snorkelling	Recreation: Wildlife watching	Marine transportation	Port & harbor operations	Port & harbor dredging	Dredged material disposal	Offshore airports	Offshore industrial production facilities	Offshore liquified natural gas terminals	Offshore oil & gas exploration	Offshore oil & gas development	Cables, pipelines, transmission lines
Marine transportation	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
Port & harbor operations	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Port & harbor dredging	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Dredged material disposal	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Offshore airports	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Offshore industrial production facilities	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Offshore liquified natural gas terminals	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Offshore oil & gas exploration	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Probably compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Offshore oil & gas development	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible

Marine transportation and offshore oil exploration

Trawling and offshore oil and gas development