

SIMAtlantic Final Conference
Achieving cooperation and coherence in
European Atlantic MSP

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_background



➤ Bachelor in Naval and Nautical Architecture, Univeristy of Genova (Italy)



➤ Erasmus Mundus Joint Master Degree in Maritime Spatial Planning (EMMCMSp), Università IUAV di Venezia (Italy), Universidad de Sevilla (Spain) and Universidade dos Açores (Portugal)



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➤ Researcher & teaching assistant at Università IUAV di Venezia (Italy)

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➤ Consultant & project manager at CORILA (Consortium for coordination of research activities concerning the Venice lagoon system) – Italy



➤ Founder & president of Marine Planners (non-profit association) – Italy



➤ JPO Associated Expert at UNEP (UN environment programme) - Kenya



_MSP related projects



- ✓ Supporting Maritime Spatial Planning in the Eastern Mediterranean



- ✓ Supporting Maritime Spatial Planning in the Western Mediterranean



- ✓ Geoportal of tools & data for sustainable management of coastal and marine environment



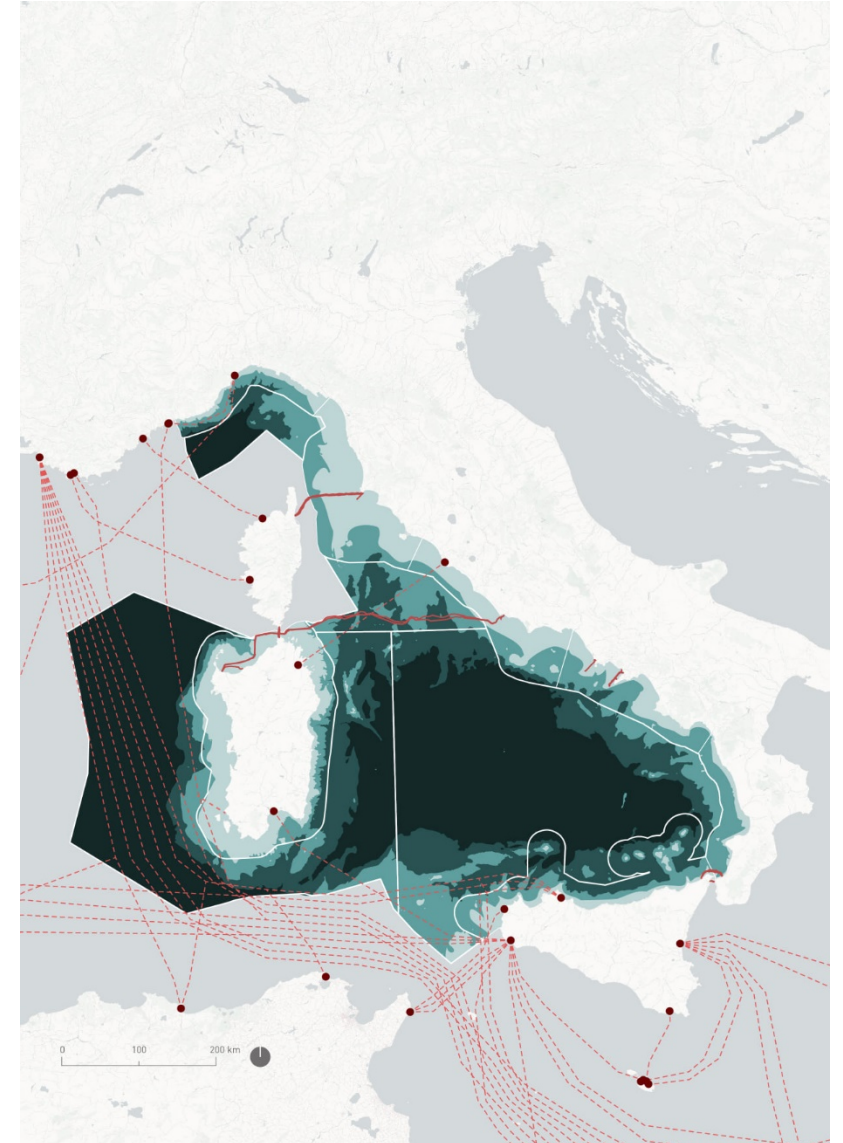
- ✓ Marine education and communication network on the Mediterranean



- ✓ Toward the operational implementation of MSP in our common Mediterranean Sea

_MSP implementation

- Italy's National MSP implementation process
- Technical assistance to the national competent authority
- Technical assistance to the national Technical Committee, Sub-Committees and Maritime Regional authorities
- Numerous activities also with external partners:
 - MSP Challenge Board Game (UNESCO-IOC)
 - MSP Challenge Adriatic Edition (Breda University)





Non-profit Association of young (or still young) researchers, practitioners and friends passionate about oceans, seas, coasts and everything with a marine prefix.

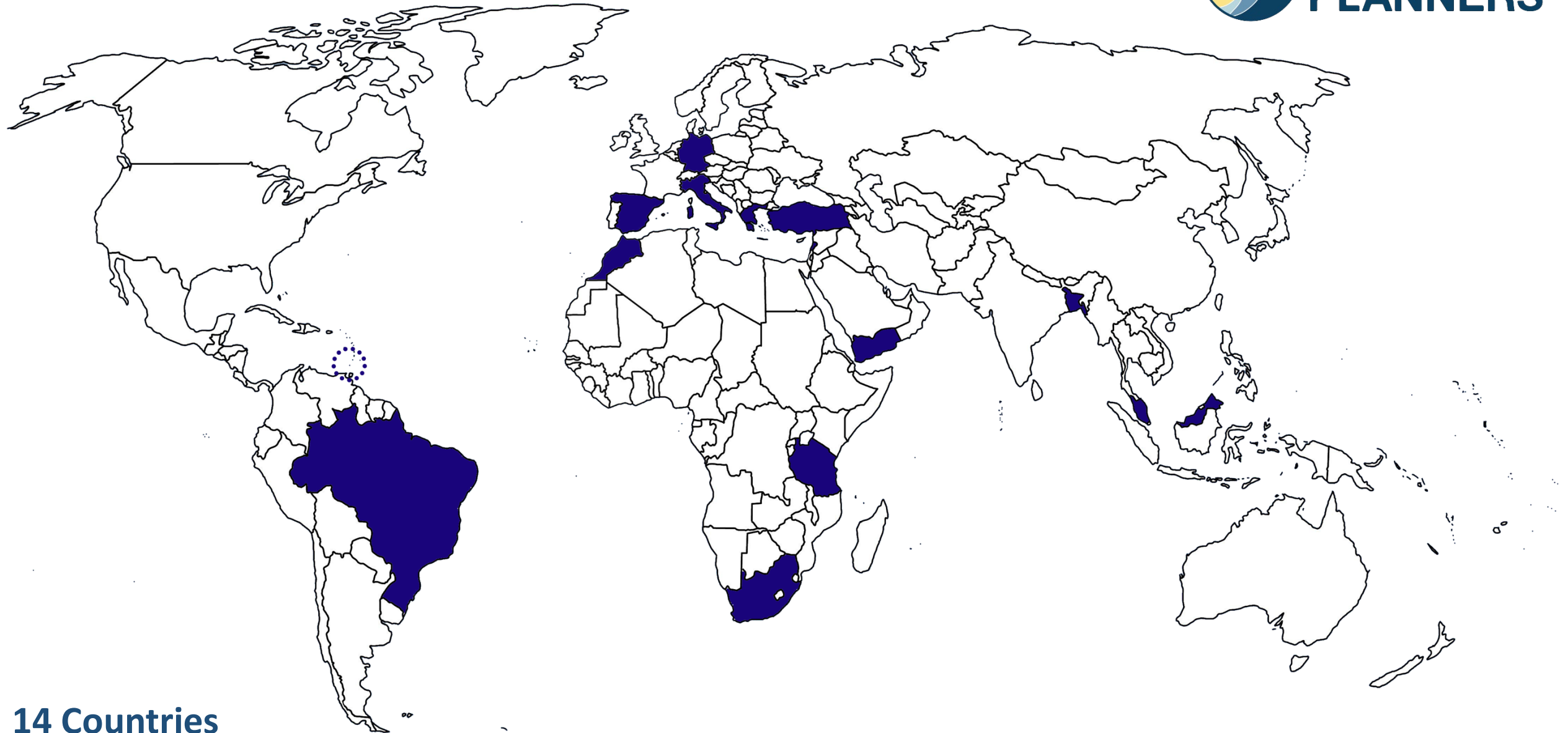
The Association is a **platform to exchange practices and experiences, a legal institution to work on projects independently**, a place to showcase our skills and works, **a place to jointly work on research**, an established international network involving experts, research institutes, NGOs, universities etc.



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www.marineplanners.eu

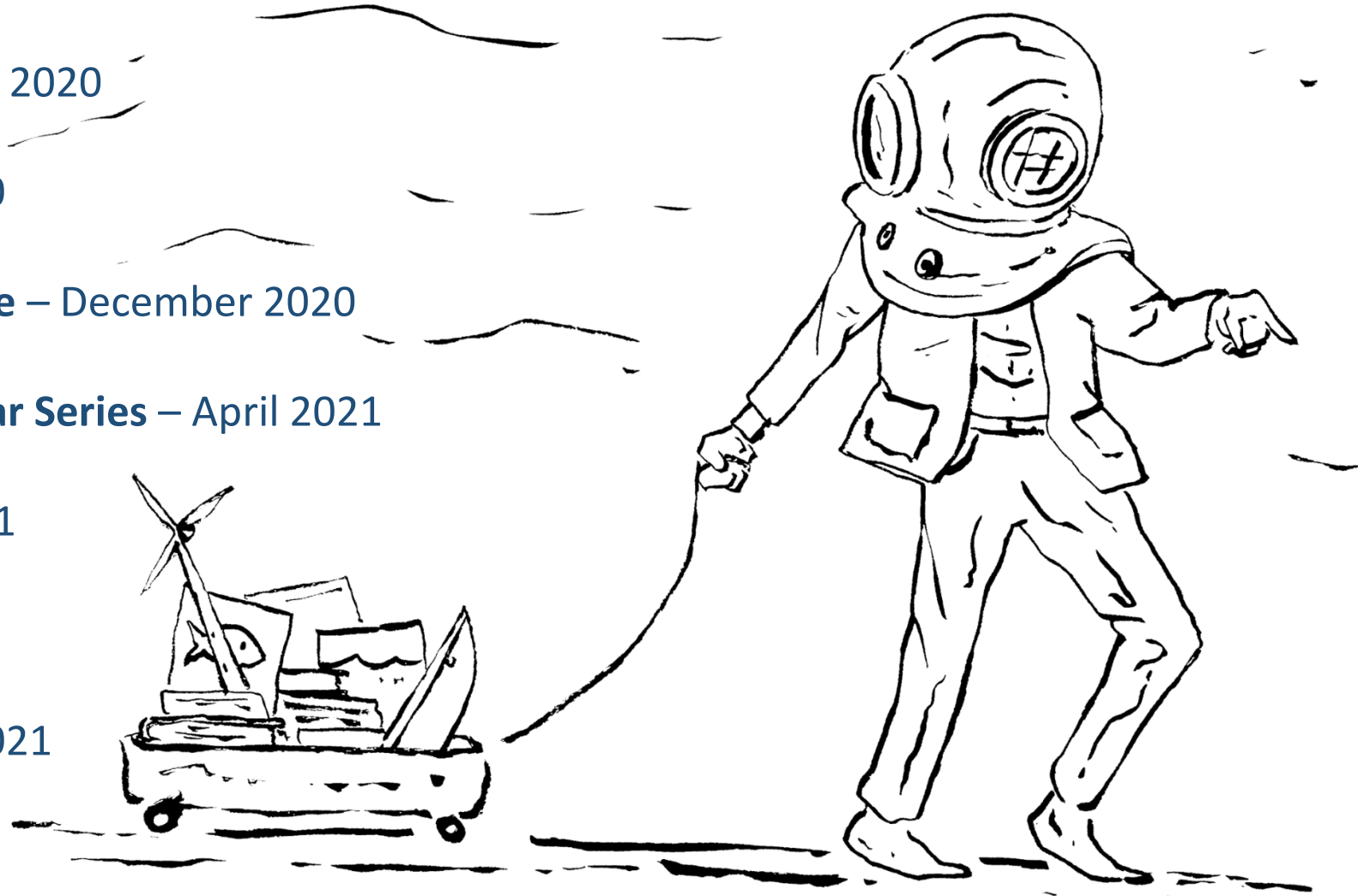
_where are we?



14 Countries

_past activities

- ✓ **Training Workshop in the Maldives – January 2020**
- ✓ **SSRC Call for proposal – March/April 2020**
- ✓ **Marine_Ecomed project – June 2020**
- ✓ **Maldives Marine Science Conference – December 2020**
- ✓ **Early Career Marine Planner Webinar Series – April 2021**
- ✓ **MSP Global Consultation – May 2021**
- ✓ **SMILO Call for proposal – May 2021**
- ✓ **Erasmus+ Call for proposal – June 2021**
- ✓ **Communication Plan – July 2021**



_training workshop in the Maldives



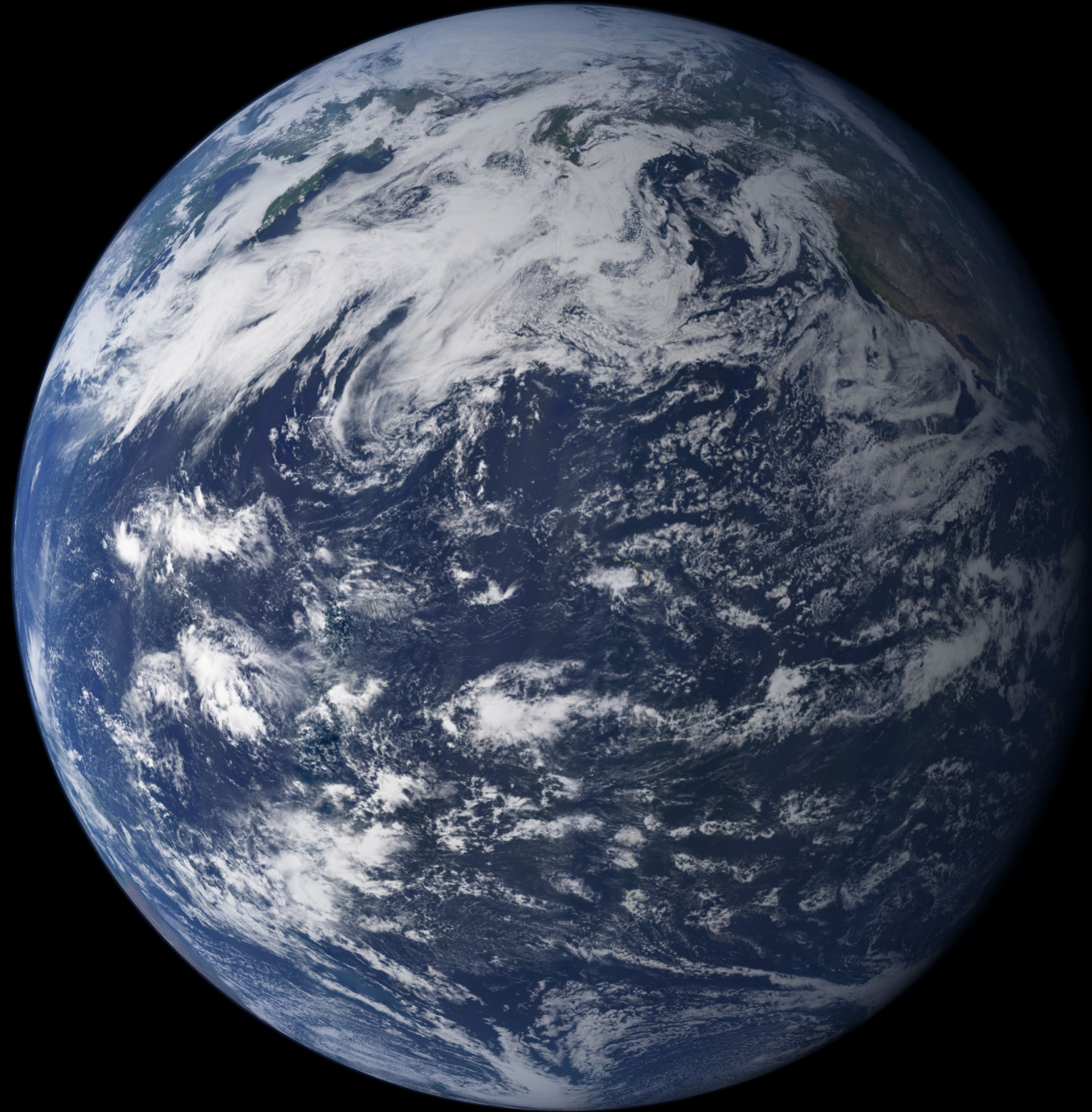
A 7-days intensive **MSP training workshop** took place in Magoodhoo, Faafu Atoll, at the premises of the **MaRHE Center**.

The training involved **MSP practitioners** belonging to diverse research fields (e.g. oceanography, marine biology, planning, environmental management) from all over the world.



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_why MSP?



**View of the pacific
ocean from space**

Source: Nasa

_why transboundary MSP?

The need for a transboundary approach when planning is widely acknowledged as much stronger in the marine space than on land, by many authors (Foley et al., 2010; Zaucha, 2015; Flannery et al., 2015). Adopting a transboundary approach when planning in the sea is imperative in order to:

- ✓ **avoid user – user conflicts**, and therefore, to ensure viability of marine economic activities;
- ✓ **avoid overexploitation** of marine living and non-living resources (fishes, fossils, etc);
- ✓ **avoid habitat fragmentation** of (transnational) marine natural ecosystems and achieve efficient preservation of valuable marine ecosystems;
- ✓ **effectively tackle pollution**, deriving from sea activities (and technological disasters related to them) as well as from land-based activities.

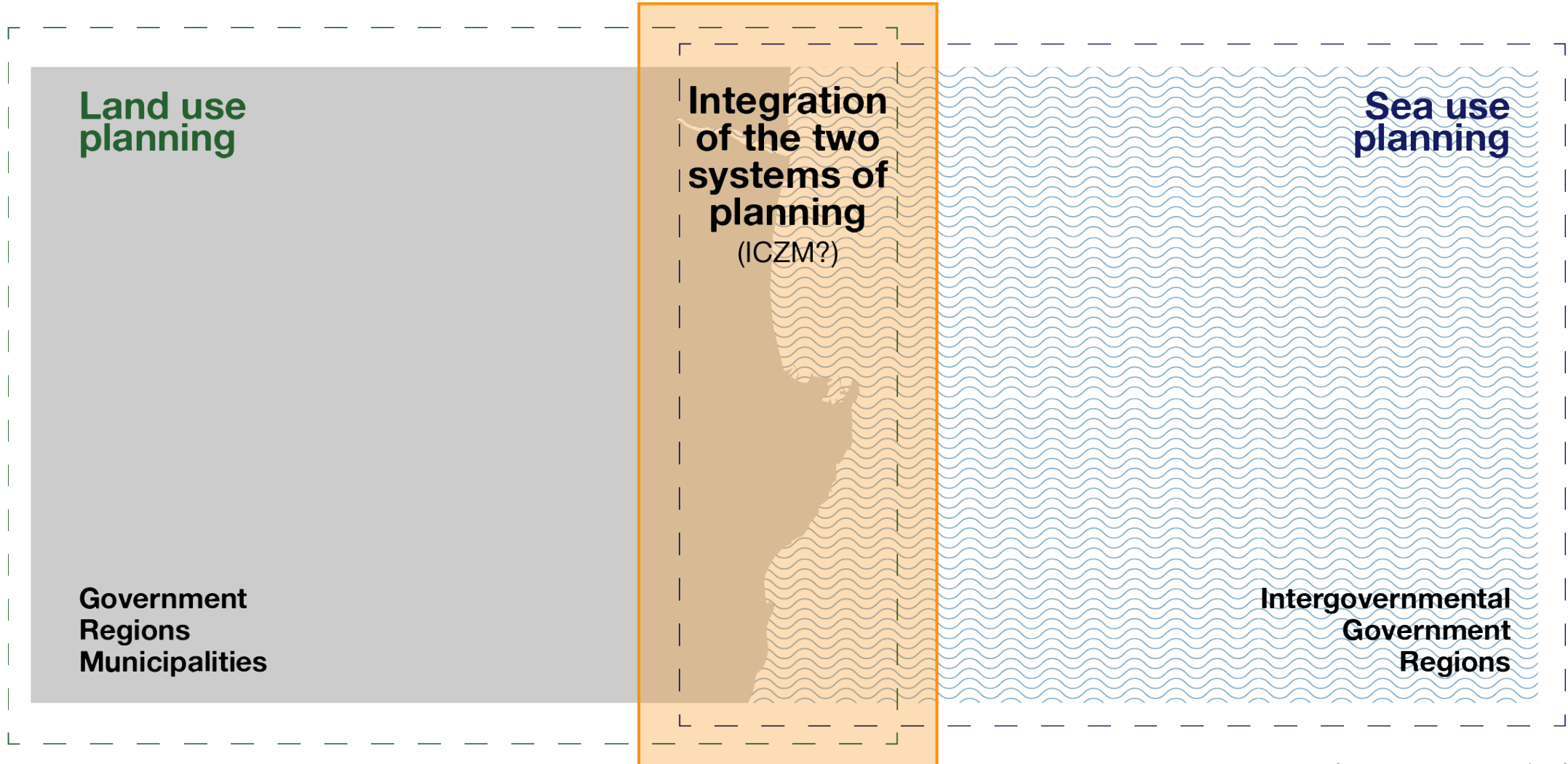
✓ **Highly dynamic**

✓ **Exchange of substances**

✓ **Borderless**

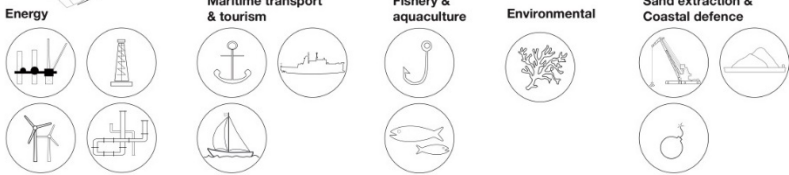
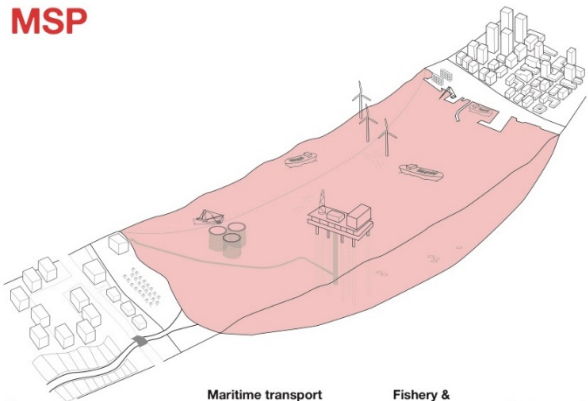
✓ **Political demarcation**

_planning interactions

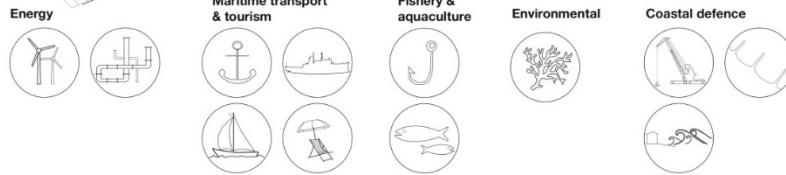
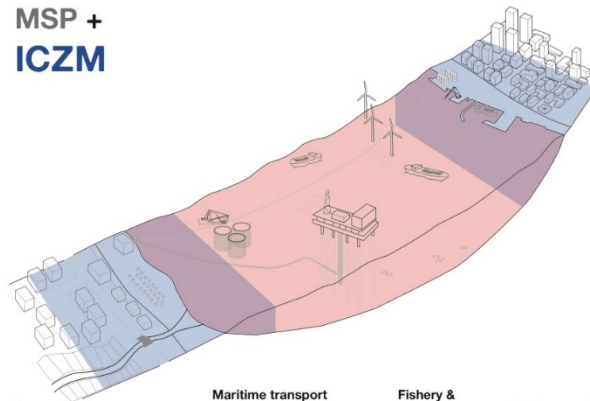


_planning interactions

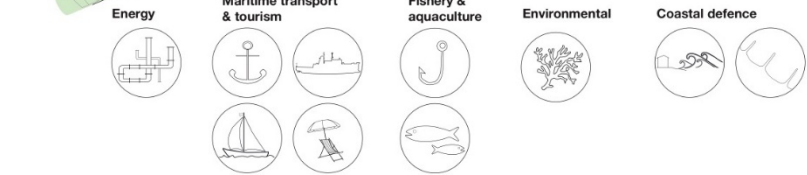
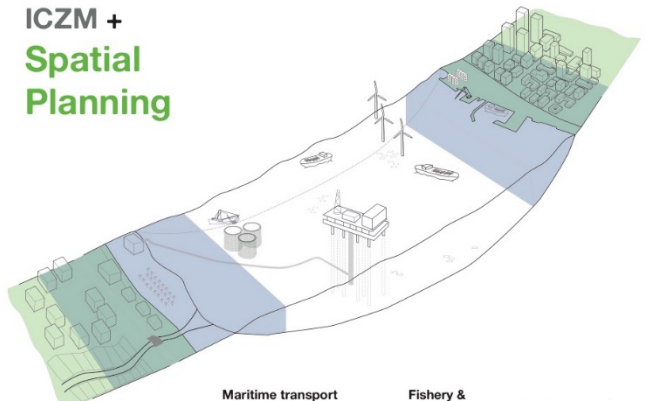
MSP



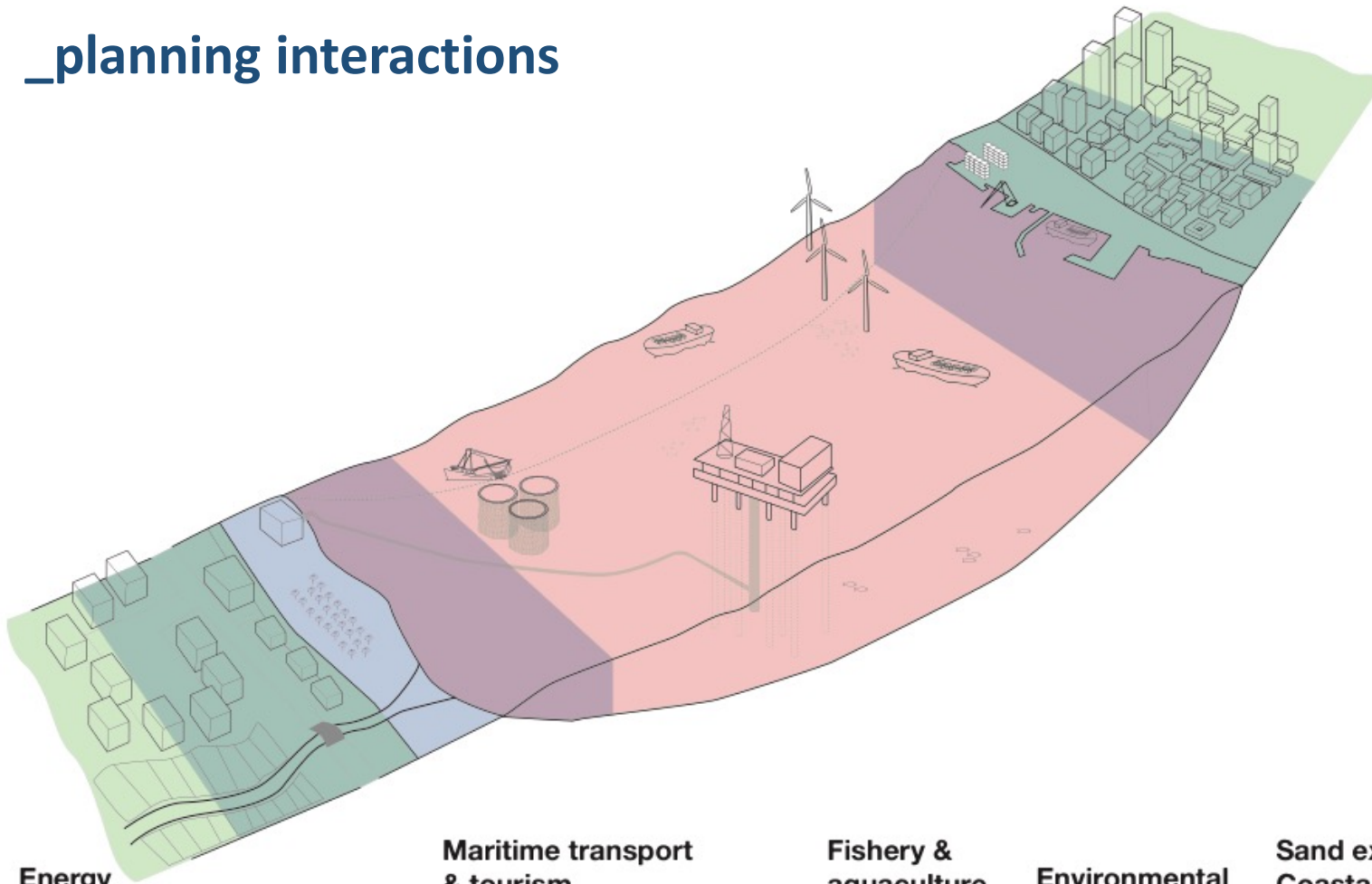
MSP + ICZM



ICZM + Spatial Planning

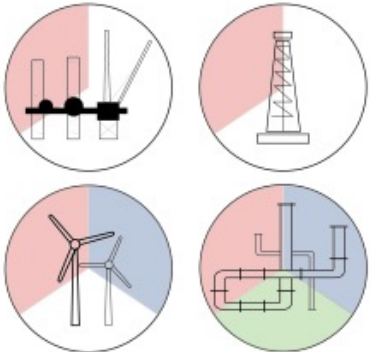


_planning interactions

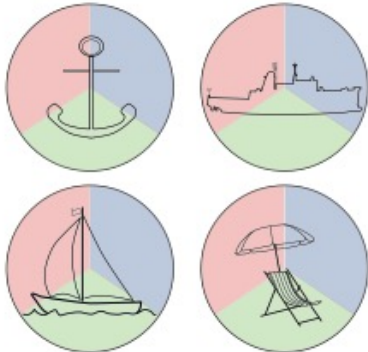


MSP + ICZM + Land Planning

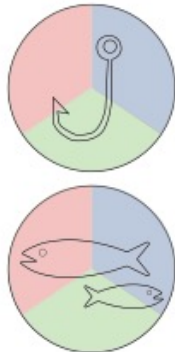
Energy



Maritime transport & tourism



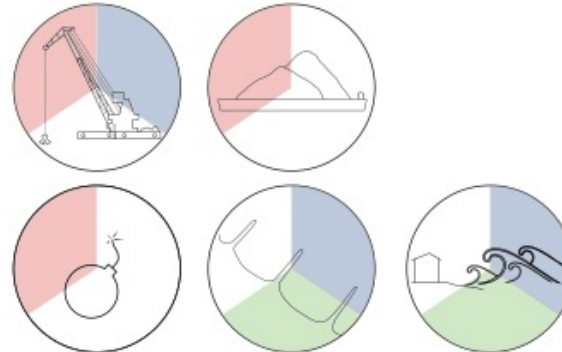
Fishery & aquaculture



Environmental



Sand extraction & Coastal defence



Author: A. Innocenti, PhD,
University Iuav of Venice

_a multi-scalar approach



- Planning at proper spatial scales (multi-scalar approach – **strategic vs high resolution**) for full coherence and concrete applicability, responding to real needs
- **Integrated planning and coherence of plans and policies:** coherence with large-scale vision, wider strategic plans, planning on land (LSI), wide range of policies
- **Ecosystem-Based Approach (EBA)** – Ecological coherence of analyses and measures: i.e. need to take into account “functional boundaries of the ecosystems” and impact / effectiveness of measures at larger scale

_some data gaps



- Knowledge gaps in the **fine scale distribution** of high valuable benthic habitats (e.g. coralligenous formations, rocky bottoms) for high resolution planning
- Knowledge gaps in the distribution of **high valuable pelagic species** (e.g. megafauna)
- Data gaps on the **soundscape and potential impacts**
- Spatial knowledge of the distribution and intensities of all the fisheries activities (i.e. small scale, recreational)
- Fine scale maps of maritime traffic with average routes intensities for each vessel type
- Improvement and integration of land-sea interactions (LSI) models, including Land-based sources and pollutant loads

- Problem scoping, different needs and different planning scales guide the planning process
- Best available knowledge is not a limit, but an opportunity to collect meaningful information, and not the readily available data
- Multiple types of planning actions and measures at multiple scales → need for operational planning at finer scale for more «crowded areas»
- Learning-by-doing process and knowledge sharing approach

**Thank you! Merci! ¡Gracias! Obrigado!
Go raibh maith agat! Grazie!**

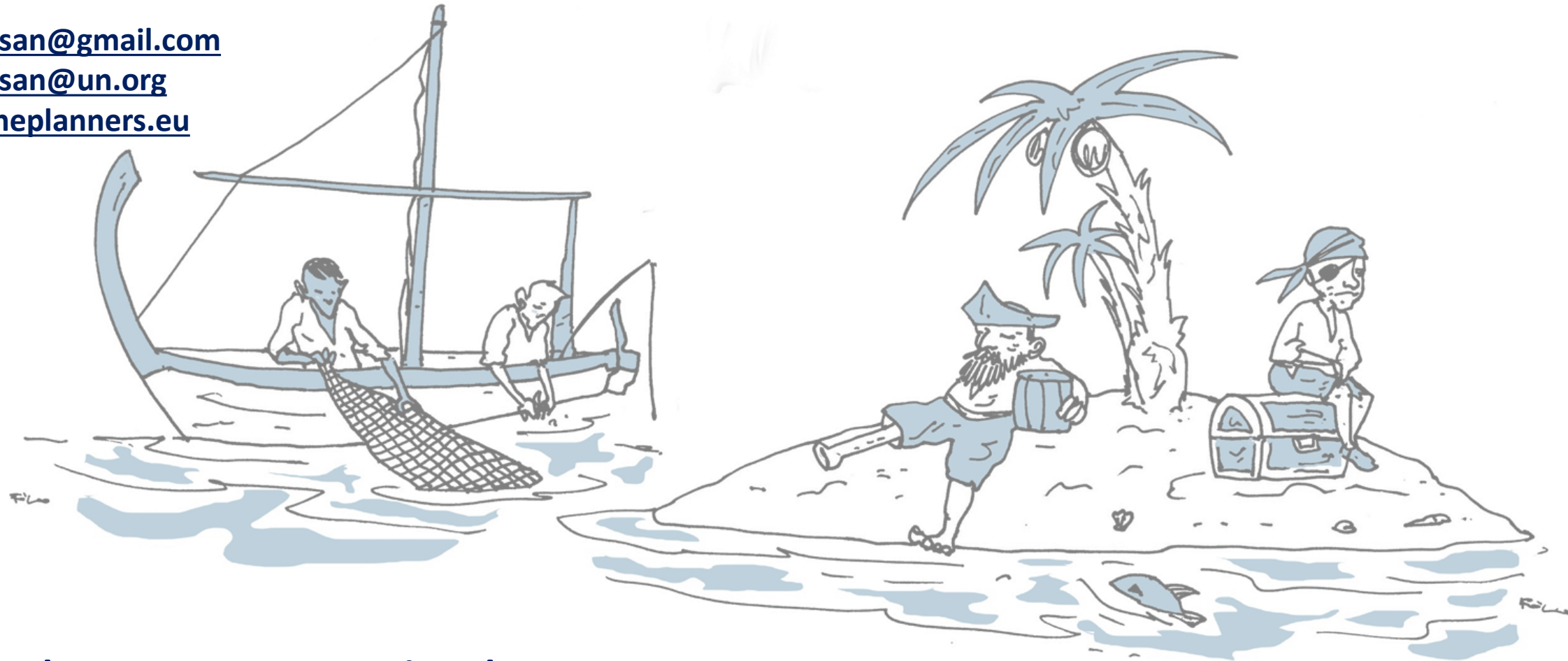


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