



WestMED National Event – Italy

Italian National Hub and National Coordinator

Roundtable Maritime Spatial Planning (MSP)

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Initiative - WestMED Pilot

WESTMED
blue economy initiative



National Research Council
INSTITUTE OF MARINE SCIENCES



The bare necessity of Maritime Spatial Planning in the Mediterranean Sea

Andrea Barbanti, PhD – CNR-ISMAR Venice, Italy

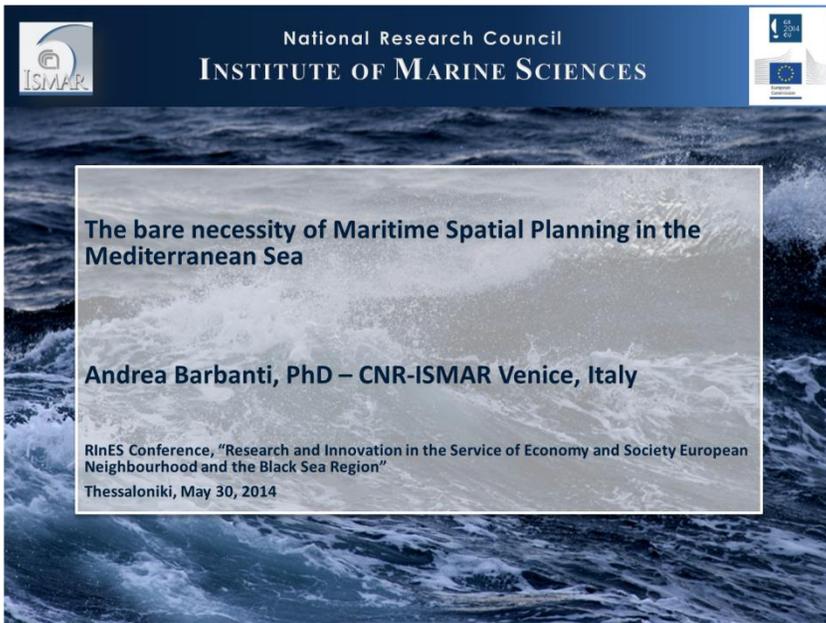
RInES Conference, “Research and Innovation in the Service of Economy and Society European Neighbourhood and the Black Sea Region”

Thessaloniki, May 30, 2014

This was in May 2014

Now, the question is:
was there and is there a
**«BARE NECESSITY OF
MSP IN THE
MEDITERRANEAN
SEA»?**

Benefits, added value,
key enabler?



The easy answer may be:

There is a necessity because we now have an obligation, i.e. we have the MSP Directive

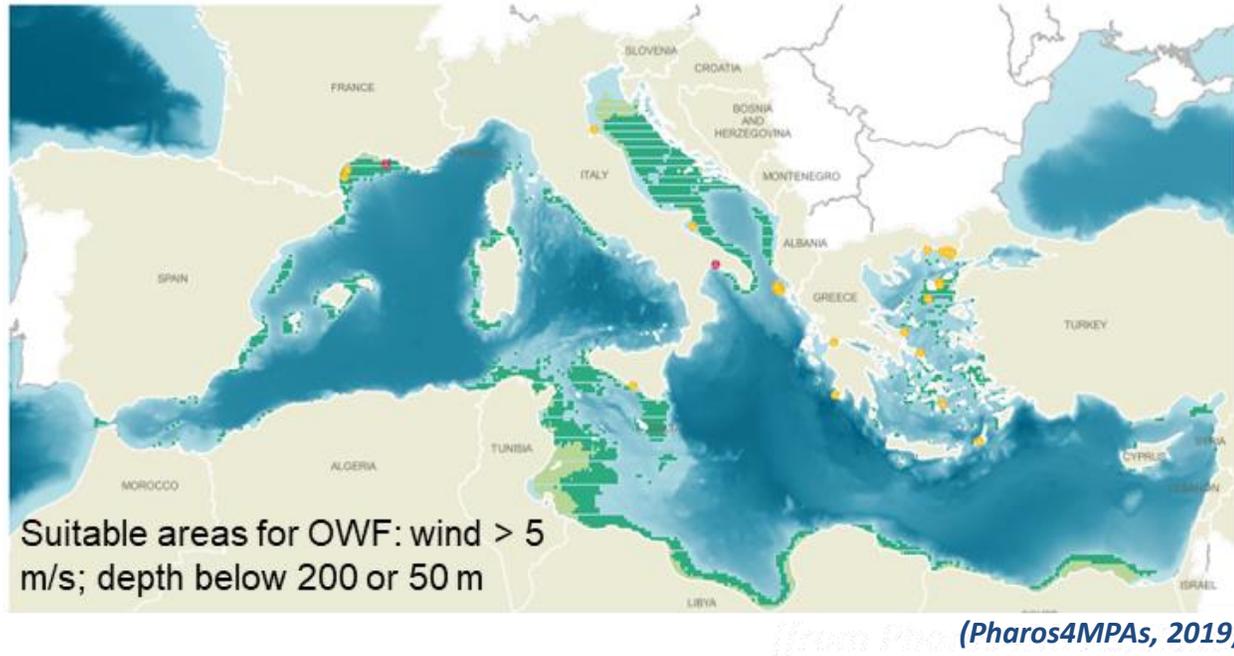
How can MSP foster a sustainable blue economy in Italy?

Selected outcomes from the MSPglobal National Training in Italy, October 2019.

- ✓ **Strategic thinking** in the medium-long term, at national and transnational scale
- ✓ **Raise awareness** on potentials and risks, connect stakeholders, enhance social cohesion
- ✓ **Harmonization** and **coexistence** of sea and coastal uses
- ✓ **Overexploitation of resources** and reduction of single and **cumulative impacts**
- ✓ Room for **innovative uses** and technologies
- ✓ Reduce **administrative burdens**, encourage **investments** and improve **governance**



Space for wind farms, MRE, multi-use combinations



Quotidiano nazionale
Direttore: Fabio Tamburini

Il Sole 24 ORE

12-GIU-2020 da pag. 15
www.datastampa.it

ENERGIA PULITA
Eolico, maxi parco a Rimini
Jacopo Gilberti — a pag. 15

Eolico, a Rimini il maxi parco da 1 miliardo in mezzo al mare

il Resto del Carlino
RIMINI

Parco eolico davanti alla costa Italia Nostra alza le barricate: «Questa è una mostruosità»

RINNOVABILI OFFSHORE

Nascerà in Sicilia il primo parco eolico galleggiante del Mediterraneo

Investimento da 740 milioni di euro della danese Copenhagen Offshore Partners al largo di Marsala: tecnologia in espansione

di Elena Comelli

Space for aquaculture

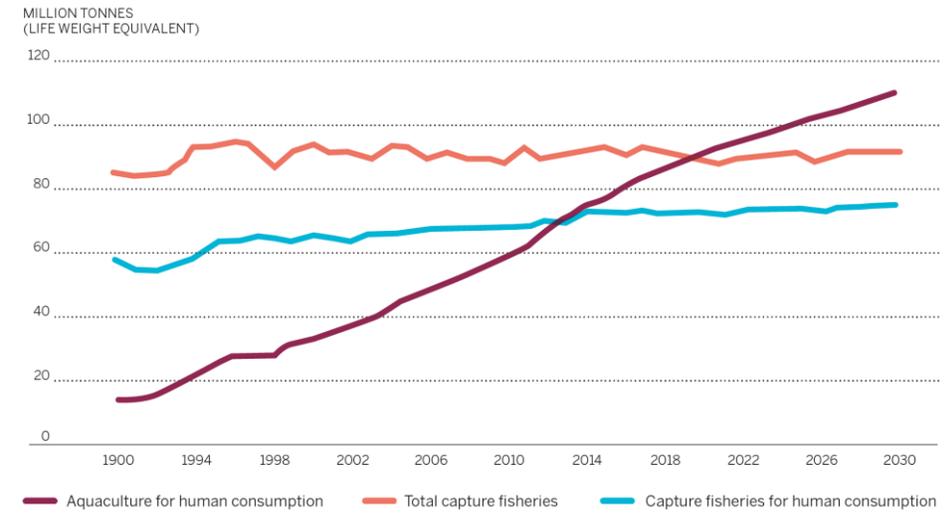
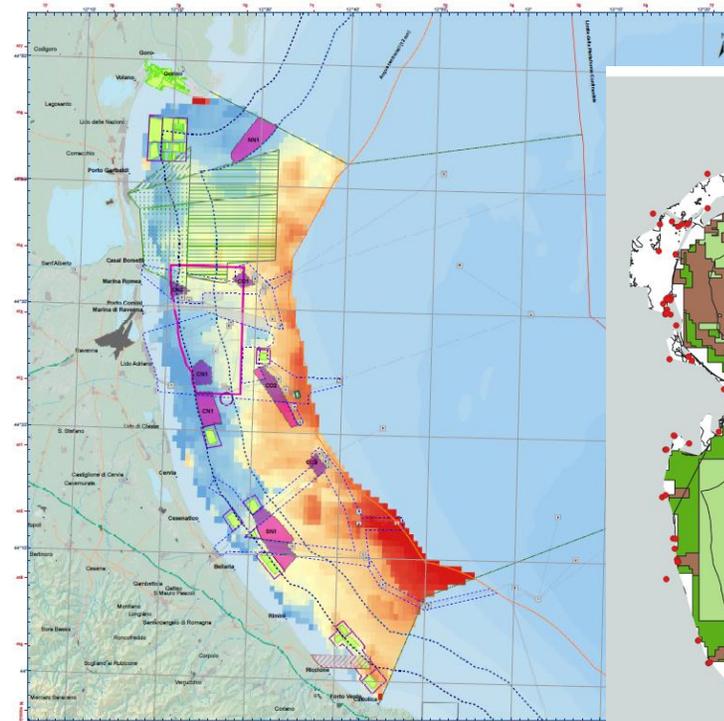


FIGURE 1. World capture fisheries and aquaculture production (FAO, 2018)

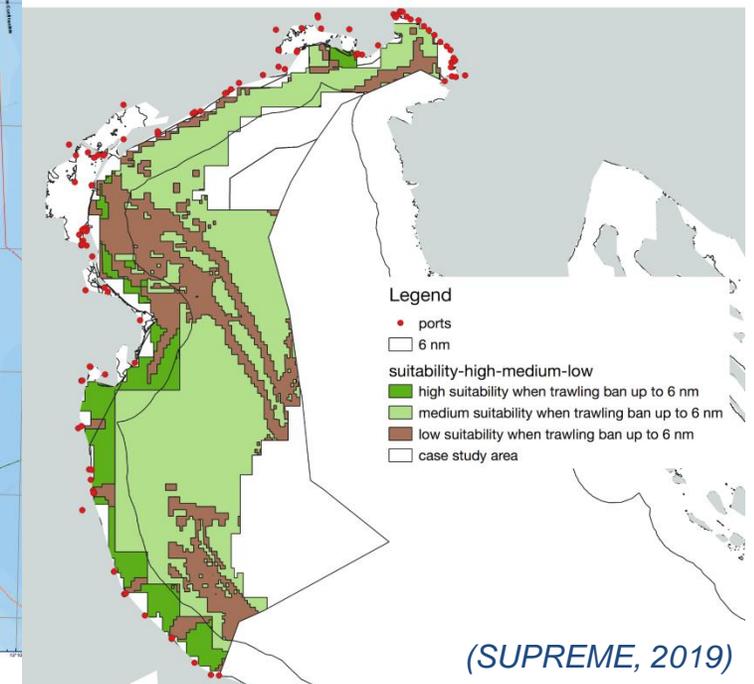
AZA: DEFINITION

An AZA is a marine area where the development of aquaculture is prior to other uses and which is dedicated to aquaculture, recognized by physical or spatial planning authorities that would be considered as a priority for local aquaculture development^[34].

Marine sites with good productivity, minimum impact on the environment, best coexistence with other uses

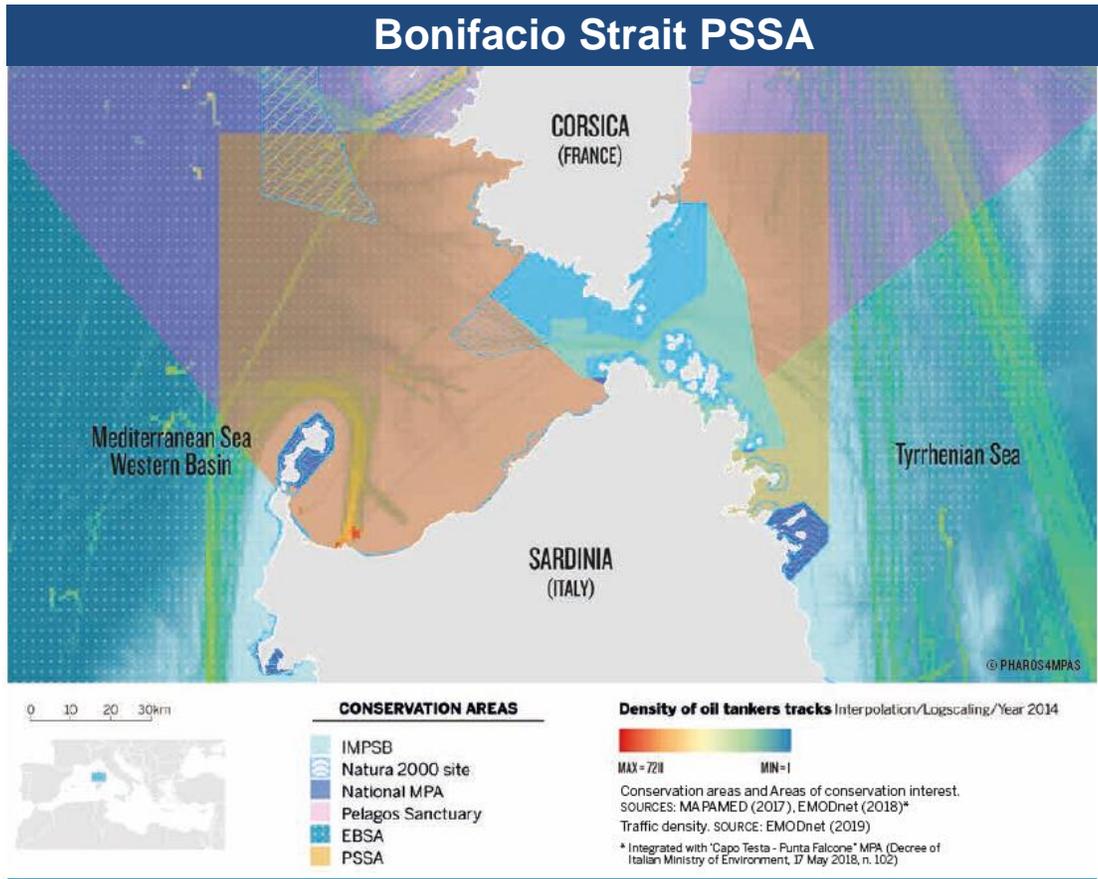


(Barbanti & Perini, 2018)

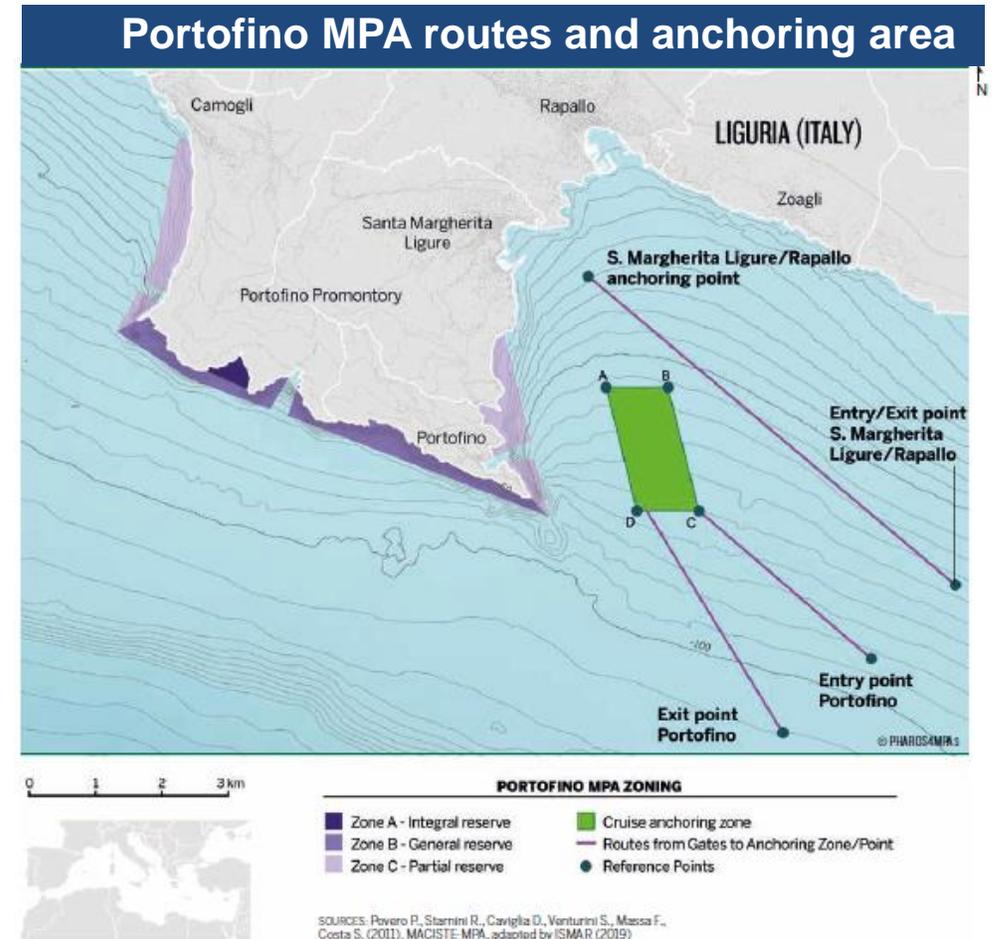


(SUPREME, 2019)

Maritime transport and MPAs



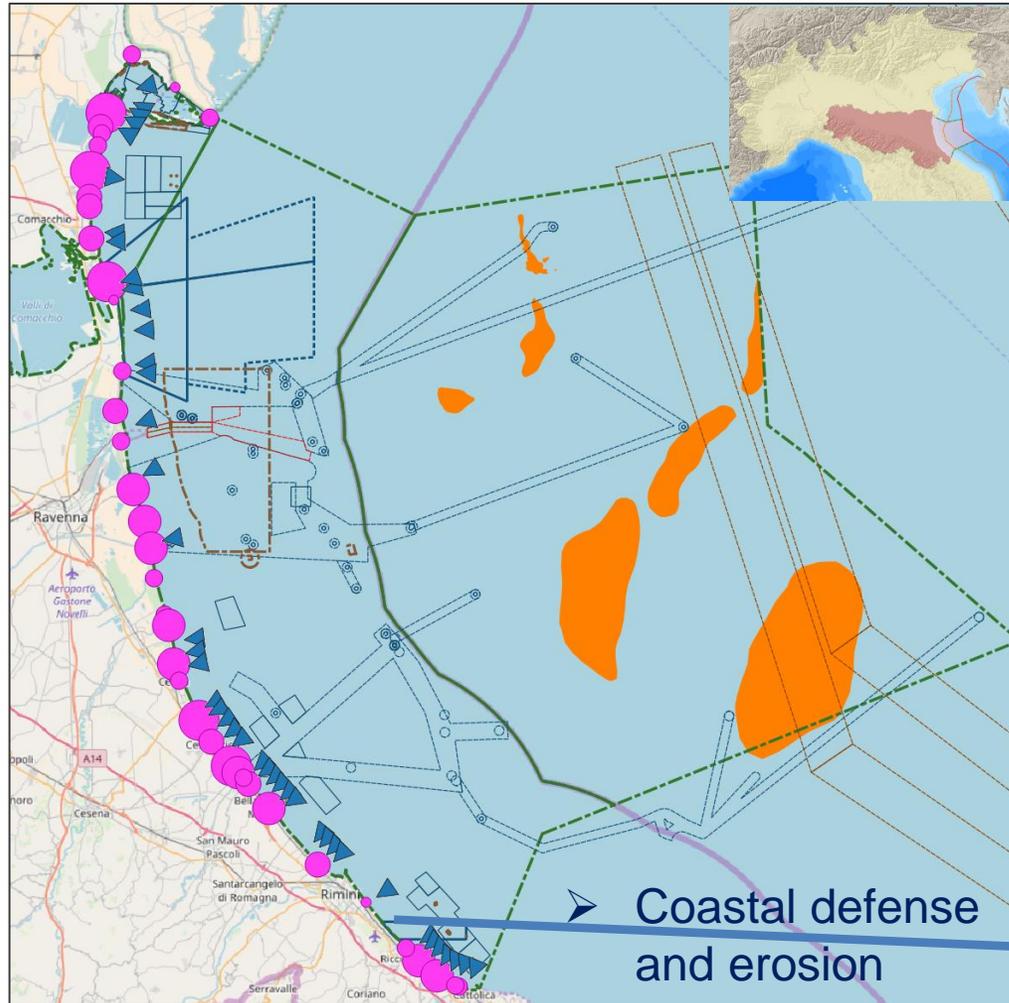
Make use of PSSAs, ATBAs and TSSs to protect MPAs from the risks of maritime traffic accidents and reduce the chances of collisions with cetaceans



Set specific routes and anchorage zones for cruise ships to allow passengers controlled access to MPAs

Recommendations

LSI and coherence between terrestrial and maritime planning



(Barbanti & Perini, 2018)

Parco del Mare – Rimini (Italy)

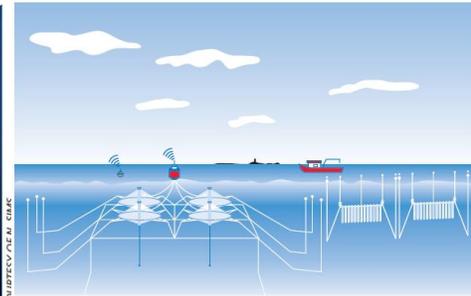
Urban regeneration in coastal areas (15 km waterfront) combining tourism, landscape, coastal defence and CCA, wastewater management and bathing water quality



Future uses of our Seas



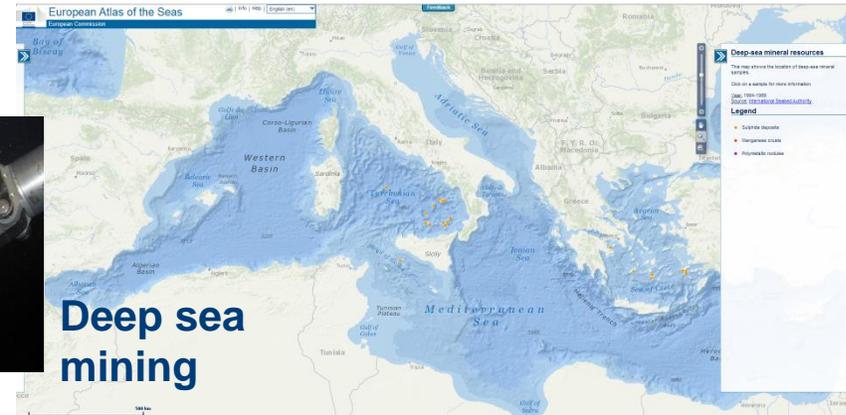
Wave energy farms



Multi-trophic and offshore aquaculture



Floating cities



Deep sea mining

Multipurpose platforms



Artificial islands





The **easy answer** may be:

There is a necessity because we now have an obligation, i.e. we have the MSP Directive

The **real answer** is that the first MSP Plans (March 2021) are a great opportunity, not to be missed, despite, or precisely because, of these COVID times.

But just as a first step...

Thank you for your attention



www.blued-med-initiative.eu

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