

The role of MSP in supporting sustainable ocean Multi-Use and Blue Economy

1 June 2021 15.30 – 17.00h CEST

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SUBMARINER Network for Blue Growth EEIG

BALTIC 4th
FORUM MSP



1-2 JUNE 2021, ONLINE





Workshop agenda

15:30 **WELCOME** & Ocean Multi-Use State of Play informed by UNITED and MULTI-FRAME projects *Ivana Lukic and Laurine Tertre, SUBMARINER Network for Blue Growth EEIG*

SESSION 1: Examples of multi-use

15:45 Study for the industry (Orsted) on offshore wind and multi-use *Sophie Locke, Blue Marine Foundation*

15:55 Study for the European Parliament PECH Committee on the “Impact of offshore renewables on fisheries” *Vanessa Stelzenmuller, Thenen Institute of Sea Fisheries*

16:05 Multi-use in Sweden: Vattenfall offshore wind project and seaweed farming *Fredrik Groendhal, Swedish Royal Institute of Technology (KTH)*

16:15 Local cooperative ownership, wind farm siting and tourism *Hans Chr Soerensen, SPOK/ Middelgrunden Wind Farm Cooperative*

16:25 **SESSION 2:** Discussion *moderated by Ivana Lukic*

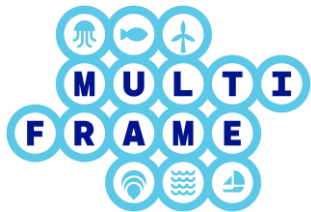
16:50 **FINAL REMARKS & WRAP UP**

Ocean Multi-Use State of Play

informed by UNITED and MULTI-FRAME projects



UNITED - Multi-Use offshore platforms demonstrators for boosting cost-effective and Eco-friendly production in sustainable marine activities



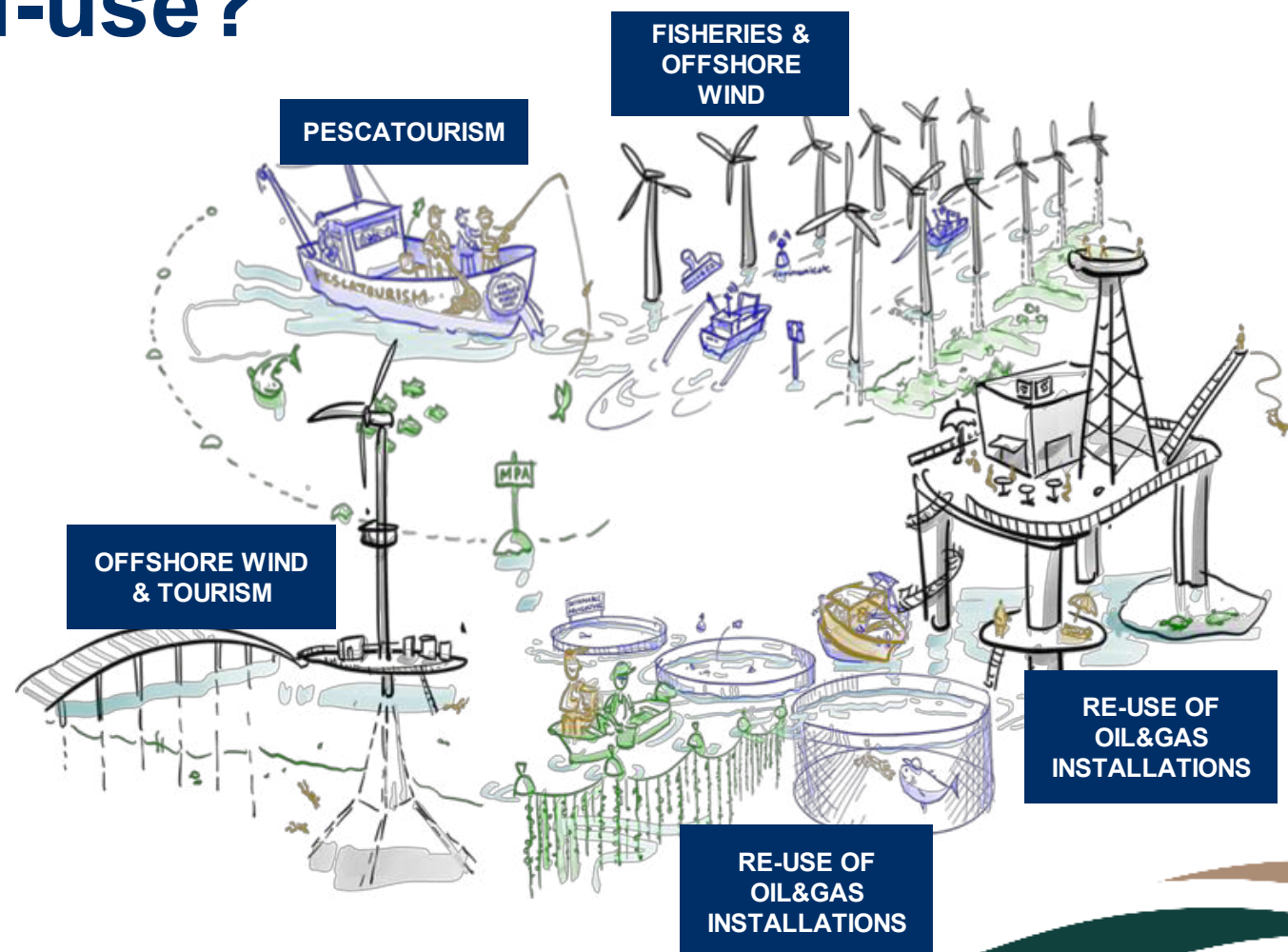
MULTI-FRAME - Assessment Framework for successful development of viable ocean multi-use systems



What is ocean multi-use?

- “...**intentional joint use** of resources (physical space, platforms, logistics, etc.) by two or more users.
- ...**a radical change** from the traditional concept of exclusive resource rights to inclusive sharing of resources by multiple users.”

More and more countries are moving from traditional sectoral management to a more coherent, holistic and integrated management of their marine activities.





Benefits of ocean multi-use

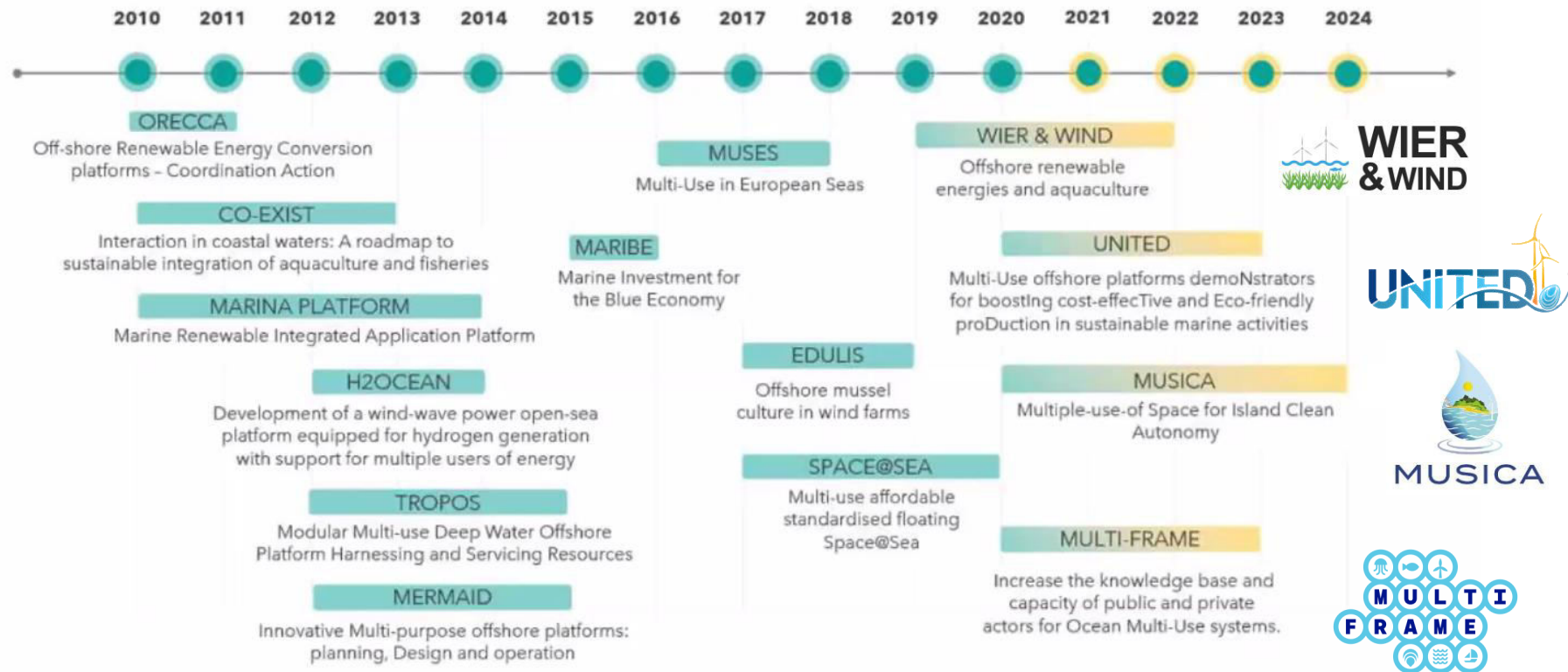
reduced
conflicts

efficient use
of ocean
space

environmental
benefits

socio-
economic
benefits

Building on past and ongoing research projects



· MU projects by the European Commission (@MSP AM)



UNITED project

Demonstrating the viability of ocean multi-use systems

- Horizon 2020-funded project
- 5 demonstration pilot tests conducted in the real marine environment
- Addressing current bottlenecks related to the large-scale installation of multi-use ocean infrastructure (e.g. safety of operations, technology gaps, regulatory requirements)

UNITED partners in the pre-operational phase



German pilot team starts offshore preparation with a sea survival training



Dutch seaweed cultivator at work in the North Sea



Flat oyster & restoration tables set out in the Belgian part of the North Sea



MULTI-FRAME project

Assessing the potential of ocean multi-use systems worldwide

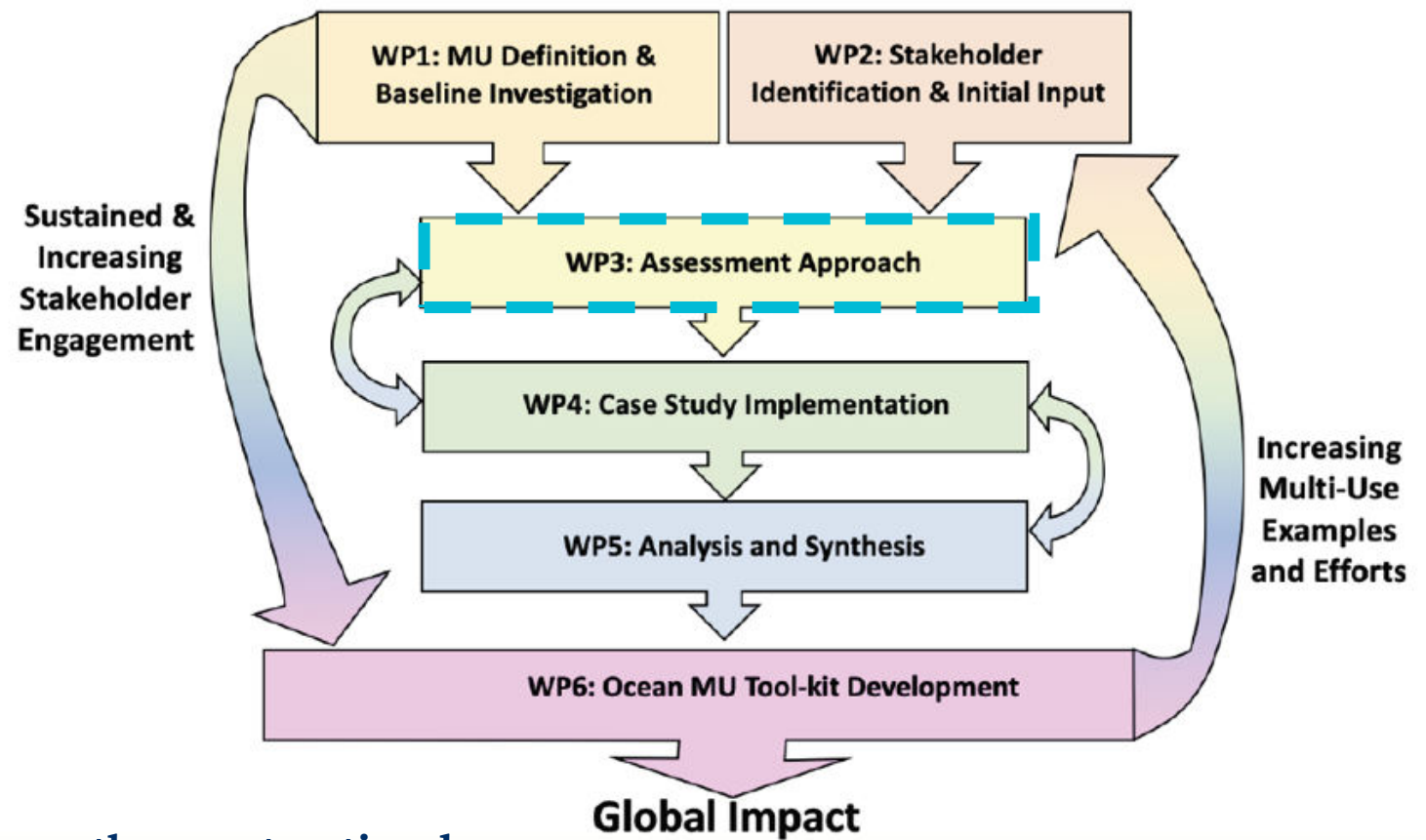
- Global multi-disciplinary partnership on four continents
- Near-future and far-future scenarios in 6 case studies (United States, Brazil, Mozambique, France, Norway, Sweden)
- Co-development approach to move beyond theoretical research

Multi-Use Assessment Approach

comprehensive and user-friendly approach to assess the potential of ocean multi-use worldwide

Expected key users

- **Planners and regulators** – when deciding on the most optimal combination of uses in a given space, when regulating the use of sea space
- **Developers** – for the project level planning and EIA
- **Policymakers** – for streamlining the concept of multi-use in different policies concerning the social, environmental and economic wellbeing of our oceans





How can MSP support ocean multi-use?

- **Multi-use goes beyond MSP** → it requires a more **proactive & synergetic** management of ocean resources in maritime spatial plans
- **Impacts of ocean multi-use remain so far uncertain** → **multi-use test sites within existing maritime spatial plans** should be identified to assess impacts and build confidence for ocean MU
- **Multi-use has to be a participatory process** → **permanent discussion forums** are needed to build ownership and identify collaboration opportunities across sectors
- **Multi-use can reduce conflicts over ocean space from the start** → sectors such as **tourism, aquaculture and fishing should be early involved in MSP** and offshore renewables planning processes



Multi-Use Knowledge Network

- Lack of long-term collaborative platform on ocean multi-use
- Aims to support the exchange of knowledge, good practices and opportunities on the topic of multi-use
- Better visibility of multi-use solutions and better uptake by relevant policy and planning processes
- Led by the SUBMARINER Network and the MULTI-FRAME project – global initiative!

Register [here](#) or get in touch with us directly: il@submariner-network.eu

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Delivering MSP
Interactions and Capacities
Across All Levels

Thank you!

