

# Ocean Multi-Use Action Plan

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# Why an Action Plan?

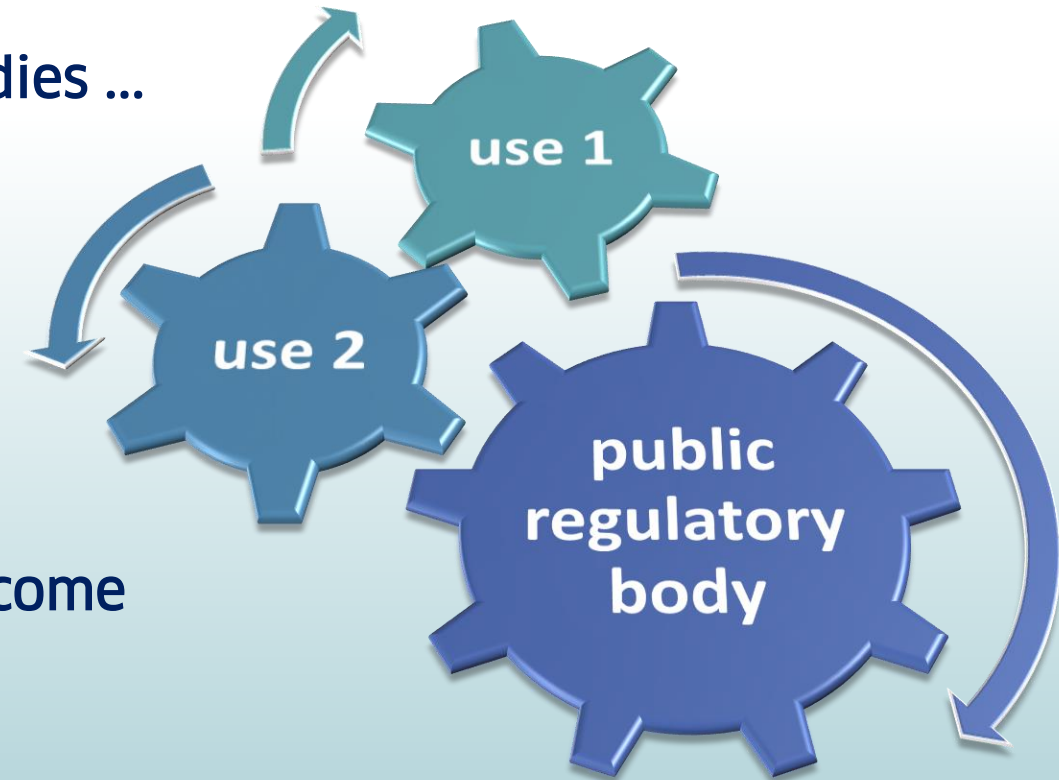
- ❖ Provides **actions** and **recommendations** on
  - what should be done
  - by whom and where
  - in order to further develop the MU concept
- ❖ Comes at the **right time**
  - MSP Directive
  - Blue Investment
  - SDGs 14
- ❖ Address barriers **not only** in relation **to technology**:
  - regulatory
  - financing
  - liability issues
  - environmental concerns
  - stakeholder perceptions
  - capacity building

# Actors for MU Development

A MU does NOT only involve TWO sectors ....  
e.g. commercial enterprises BUT regulatory body / bodies ...  
and insurance, finance, stakeholders !

MU implies a **radical change** → backed by the willingness of  
policy makers, governmental authorities, businesses and  
other MU actors

For a MU to happen, interest needs to come  
from at **least two sides/ both uses**  
or  
**one use and the regulatory body**



# Multi Uses covered in Action Plan

- ❖ Multi-use (MU) development is not possible everywhere  
--> conditioned by local characteristics
- ❖ Action Plan focuses on **9 MU combinations**  
**BUT**  
there is a much wider range of MU opportunities

MU	Eastern Atlantic	North Sea	Baltic Sea	Mediterranean Sea	Black Sea
OWF & Fisheries		✓			
OWF & Aquaculture		✓	✓	✓	
OWF & Tourism		✓	✓		
OWF & Wave energy		✓			
Wave energy & Aquaculture	✓	✓		✓	
Tourism & Aquaculture	✓			✓	
Tourism & Fisheries	✓			✓	✓
Tourism & UCH & Environmental protection	✓		✓	✓	✓
Re-use of O&G decommissioned installations		✓		✓	

# MUSES Ocean Multi-Use Action Plan

- ❖ Definition/Scope of the MU
- ❖ State of Development/Future Potential
- ❖ Drivers/Benefits, Barriers/Negative Imp
- ❖ Logical Framework
- ❖ Objectives
- ❖ Actions/Recommendations



# Systematic Research & Stakeholder input



195  
INTERVIEWS  
+  
2 WORKSHOPS  
IN 5 EU SEA BASINS  
+  
1 WORKSHOP  
IN THE NORTH SEA

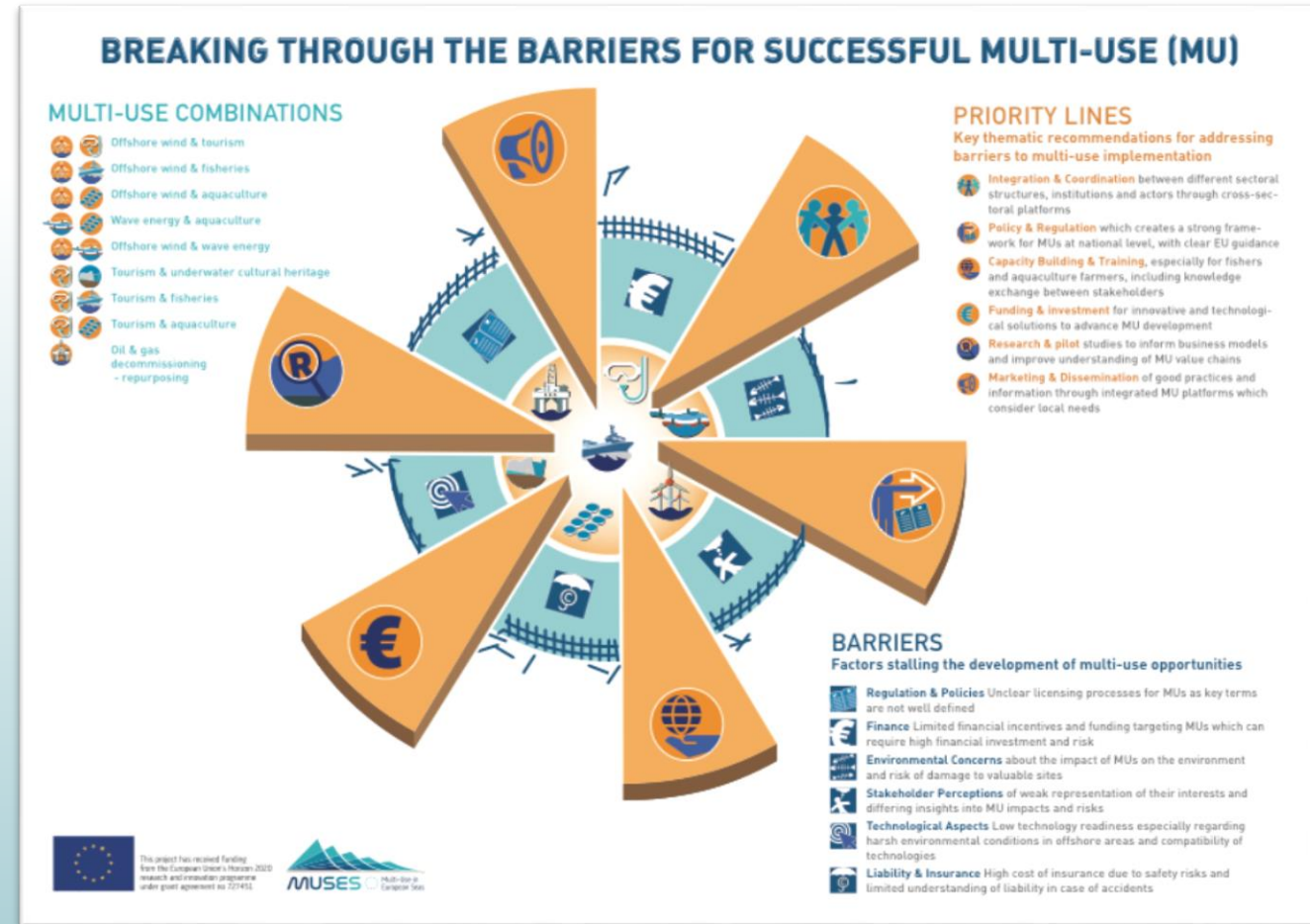
117  
INTERVIEWS  
+  
1 FOCUS GROUP  
+  
1 WORKSHOP  
IN 10 MUSES CASE  
STUDY LOCATIONS



OCEAN MULTI-USE  
ACTION PLAN



# Cross Cutting Issues/Actions





# Integration and Coordination

## Issues

- ❖ MU concept still novel for many actors
- ❖ Institutions & structures designed towards sectoral solutions
- ❖ Integration needed at horizontal & vertical level

## Actions

- ❖ Set up or promote the use of inter ministerial/sectoral committees
- ❖ Engage & involve new MU actors & uses at an early stage
- ❖ Exchange knowledge via cross sectoral forums



FLAGS, North Sea (e.g. NL / BE)





# Policy, Regulation & MSP

## Issues

- ❖ Unclear policies & regulations as key aspects are not well defined
- ❖ Fragmented processes & structures
- ❖ Environmental & safety risk are perceived differently by MU actors



Pescatourism legislation (Greece/Italy),  
FLOWW guidance UK, sites open for multi-use research in BE offshore

## Actions

- ❖ Develop clear guidance & direction on integrating operational issues such as insurance (liability), safety, tax regimes
- ❖ MSP offers an opportunity to identify suitable MU sites & comprehensive policies together with sectors



# Capacity Building

## Issues

- ❖ Specific capacity needs is especially important for MU actors at the project level
- ❖ Service oriented skills needed for tourism related MU
- ❖ Initial advanced capacity needed for OWF related MU

## Actions

- ❖ Develop comprehensive training manuals & train MU actors
- ❖ Encourage professional & personal networks between stakeholders



Lapland FLAG (Finland)



# Marketing & Dissemination

## Issues

- ❖ Small scale/local MUs are less visible e.g. tourism related MU
- ❖ MU business cases, good practices and benefits not well known

## Actions

- ❖ Promote good practices & disseminate information about the benefits of MU
- ❖ Develop marketing strategies within MU projects & business cases
- ❖ Create an integrated platform to promote MUs that reflect local needs



MarGalaica (Spain), South  
Baltic OFFER – marketing  
South Baltic as a unique  
offshore wind tourism  
destination



# Funding

## Issues

- ❖ Limited funding/incentives targeting MU
- ❖ Early developers are bearing the cost of environmental characterization for potential combined use

## Actions

- ❖ Encourage targeted incentives and adjust sector focused funding to consider MU
- ❖ Targeted funding for small scale/local MUs
- ❖ Create new financial instruments, business models



Wave and Wind in Scotland  
(Katanes project by Floating Power Plant and DP Energy)



# Research

## Issues

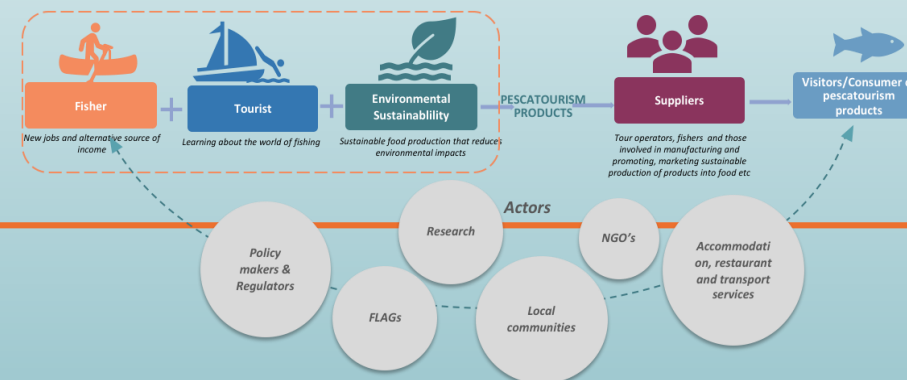
- ❖ In-depth understanding of the appeal and readiness of MU for target market influences its success
- ❖ Research must go beyond only technology



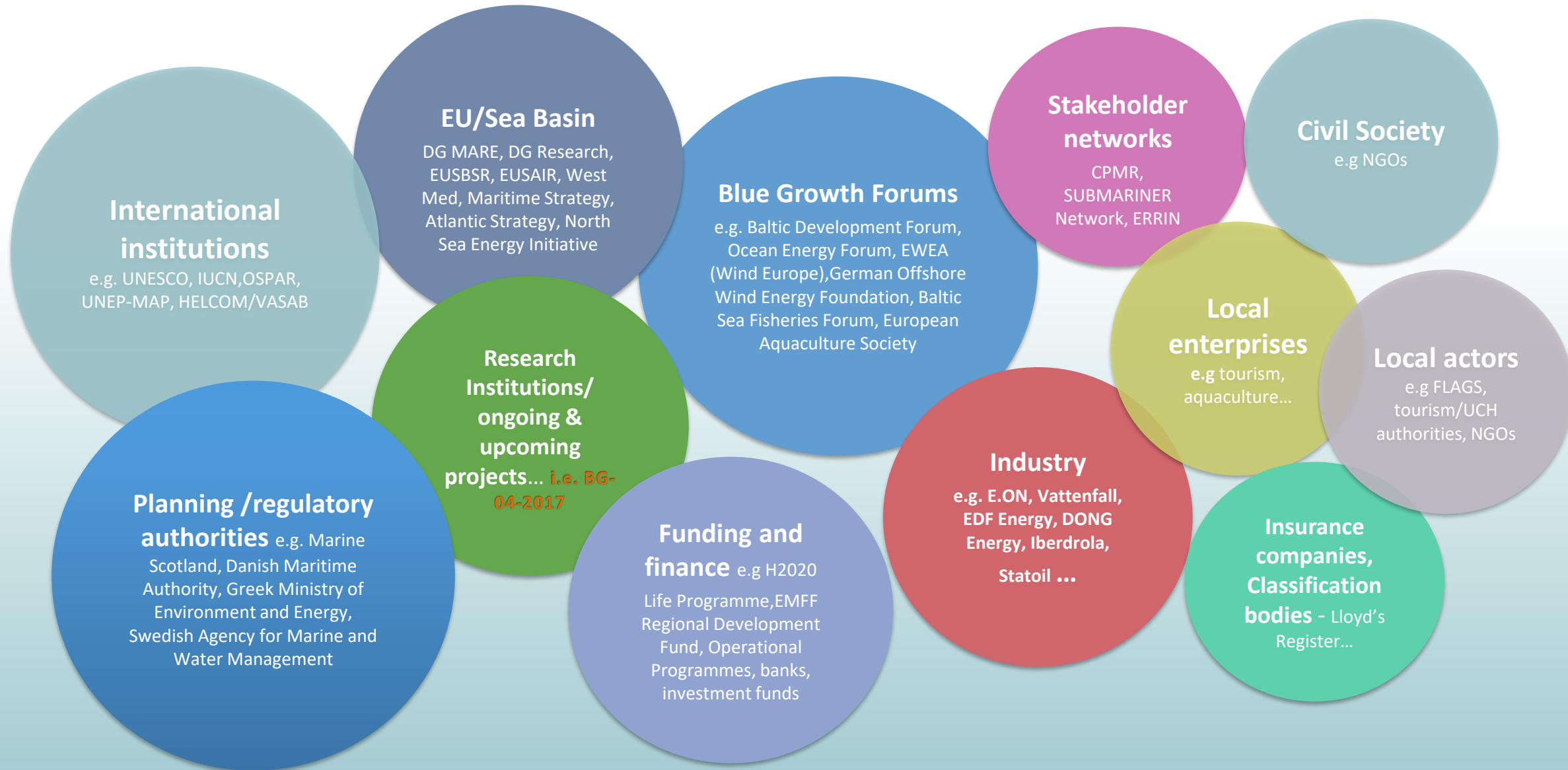
Multiple EU-wide FP7, H2020 and national research projects on technology development

## Actions

- ❖ Undertake site specific assessment & pilot cases
- ❖ Undertake research to understand the value chain/full life cycle/benefits of MU



# Action Plan targeted actors/institutions





# Concluding Remarks

- ❖ A much **wider range of opportunities** for creating synergies among different maritime uses exist compared to what has been previously associated with the MU concept
- ❖ A wider **recognition and active promotion of small scale/local MU** is needed to advance their function as tangible & beneficial MU
- ❖ Build confidence and pave the way for more advanced multi-use solutions, which afford **joint development from the onset**
- ❖ MSP provides an opportunity to foster interaction between different MU actors. **But MSP is one out of many tools and actions**
- ❖ Substantial efforts are needed in capacity building, changes in underlying legal frameworks, funding structures and research—all of which are not designed towards **multi-disciplinary work**

# Where to find the Action Plan?

Short and a long version are:

- ❖ Available online  
: <https://musesproject.eu/downloads/>
- ❖ Also available in print

Easy to read & well designed document  
that aims to inspire MU actors  
to take up these recommendations and actions  
to advance the development of MU.



# Advancing the MU concept

MU Actions  
& Recommendations



*Time to discuss with  
colleagues in the next  
session*

# Thank you!

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