

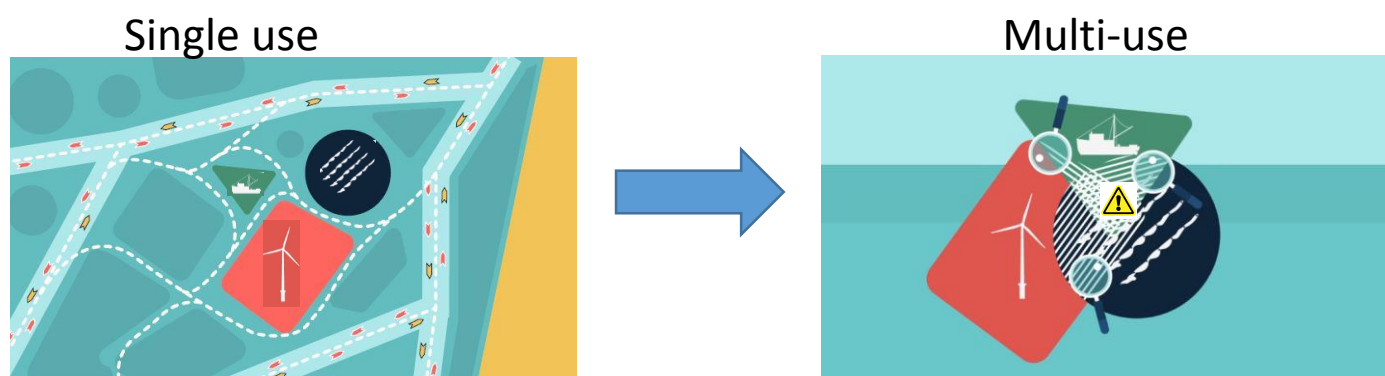
Safe production Of Marine plants and use of Ocean Space



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By 2050, an estimated 10 billion people will inhabit our planet. We will need safe food, drinking water, and sustainable energy.

As our seas cover 71% of Earth, we should use this area and its resources efficiently to tackle this challenge.



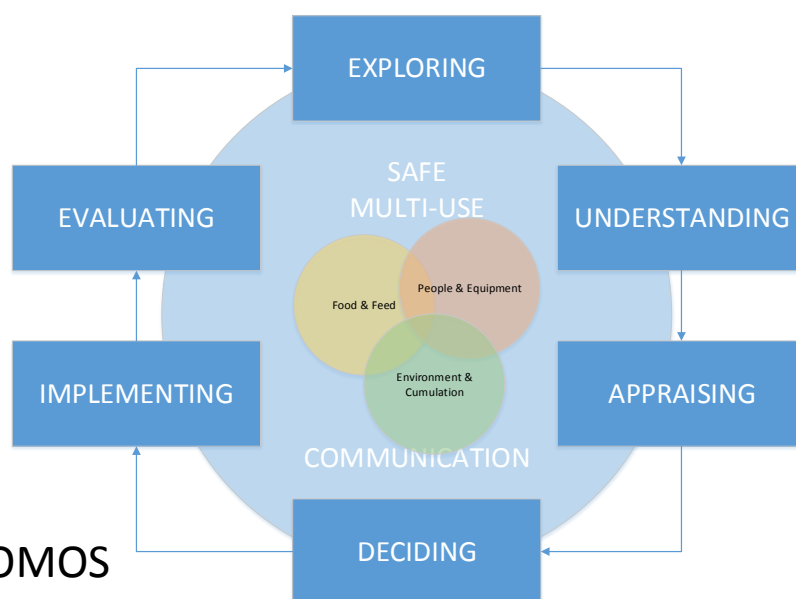
Our seas are more intensively used for production of food, energy, tourism and transportation. Multi-use, combining activities in a single place, is needed to avoid competition for space.

Is multi-use at sea safe?

Safety from three perspectives:



A framework to assist in assessing hazards and measures to ensure safe multi-use.



Conclusions:

Combining the three perspectives in our SOMOS framework, in a multi-use safety assessment:

- you need information about specific factors which you don't need in a single use
- bringing together different cultures of stakeholders and their involvement is needed
- methods (like multi criteria analysis) and tools are available to appraise multi-use
- multi-use is possible, but safety given a multi-use perspective should be continually evaluated.