

Supporting Marine Spatial Planning (MSP)

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Unprecedented national and international development in MSP

Opportunities that combine Blue Growth and Blue Economy

- Multiuse of space
- Socio economic context

Solving MSP information needs.

- MPAs in NE Atlantic, Caribbean and East Pacific
- Survey for industry and government clients
- Internationally certified scientific diver training

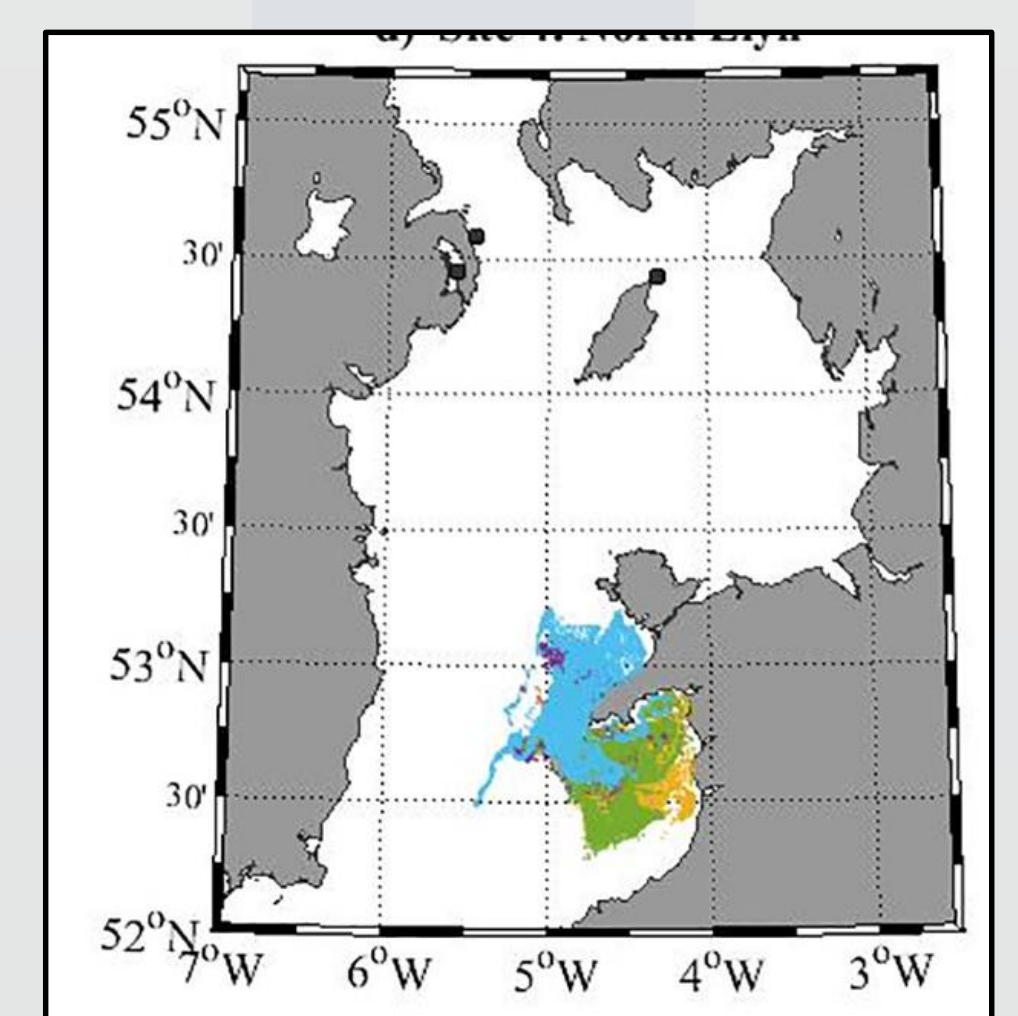
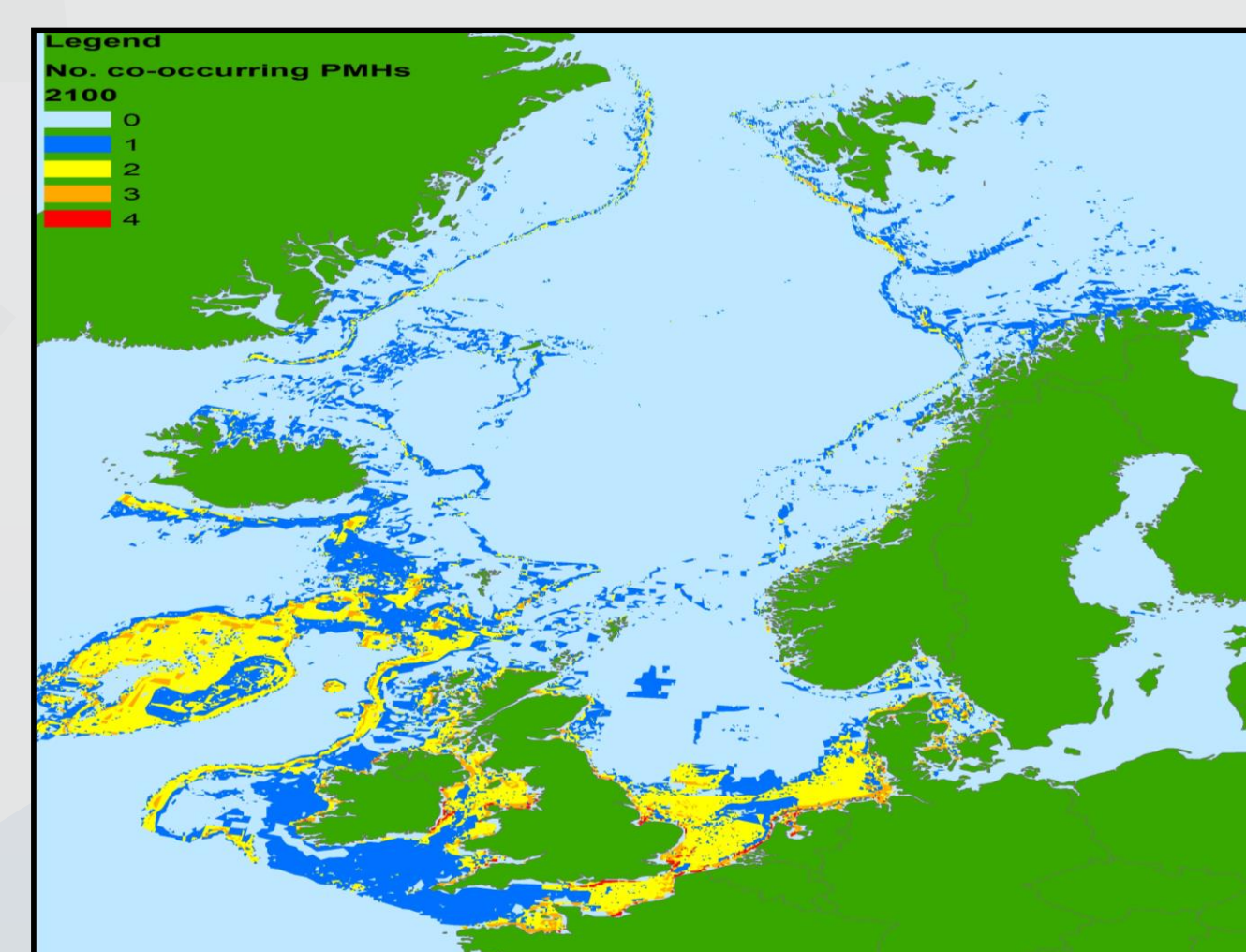
Spatial management into the future

- Habitat and connectivity models

Providing advice to government and other stakeholders



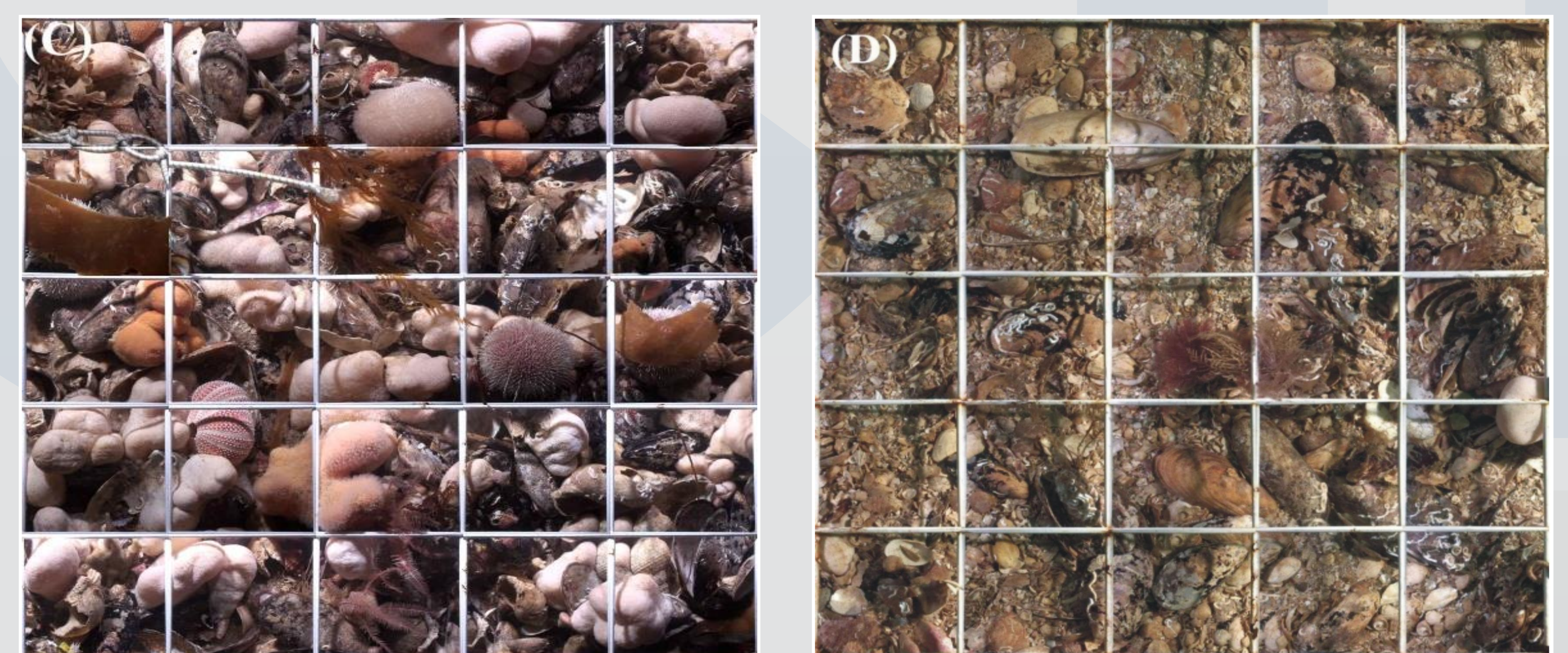
Fifty year track-record of survey and scientific diving support industry and government's spatial management information needs.



To underpin Marine Protected Area networks, models predict future niches and the connectivity of protected habitats in a changing climate (Gormley et al. 2015a,b, Mcwhinnie et al., 2015).



HWU is a partner in *MARIBE*, a Horizon2020 project that aims to unlock the potential of multi-use of space in the offshore economy



Before and after: Incompatibility of trawling with a protected habitat type shows spatial management needs throughout MPA network (Cook et al. 2013)

References

- Cook et al. (inc. Porter and Sanderson), 2013. PLOS ONE, 8.
- Gormley et al. (inc. Porter & Sanderson), 2015a. PLOS ONE, 10.
- Gormley et al. (inc. Porter, Bell, Sanderson), 2015b. Marine Policy, 53.
- Gormley et al. (inc. Porter, Fernandes, Sanderson), 2014. Mar Policy, 47.
- Mcwhinnie et al. (inc. Fernandes), 2015. Ocean and Coastal Manag., 103.