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Predictive habitat mapping rationale

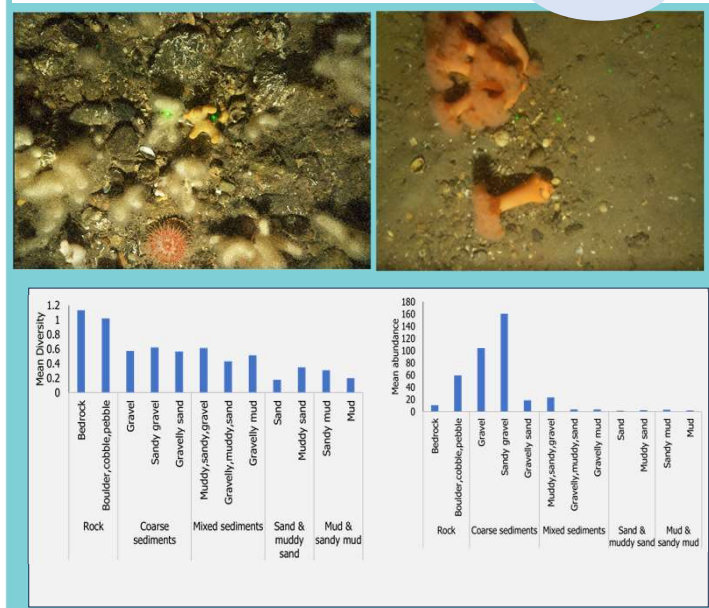
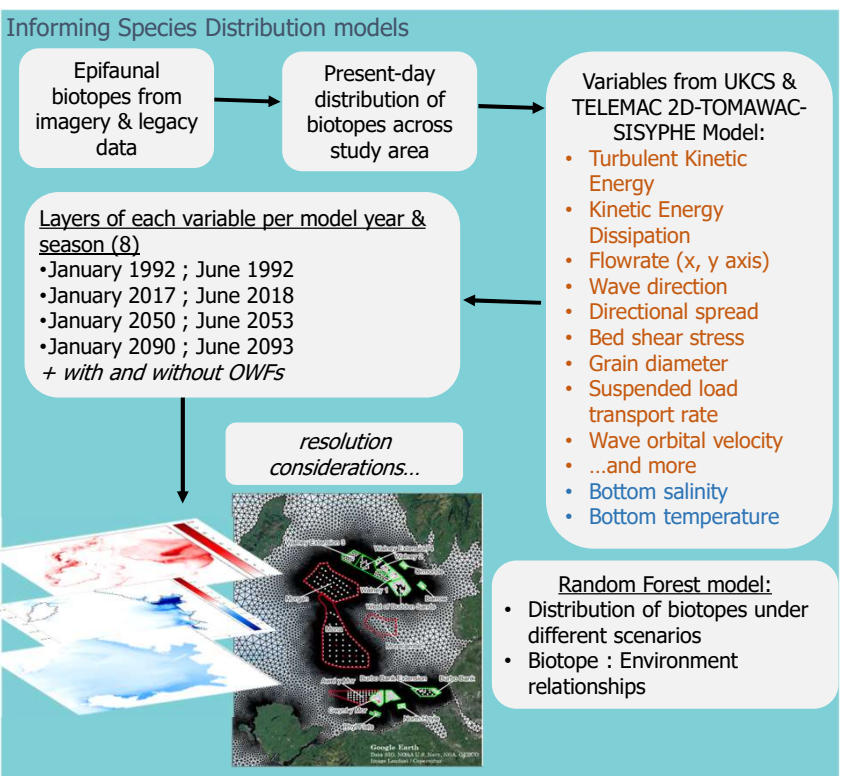
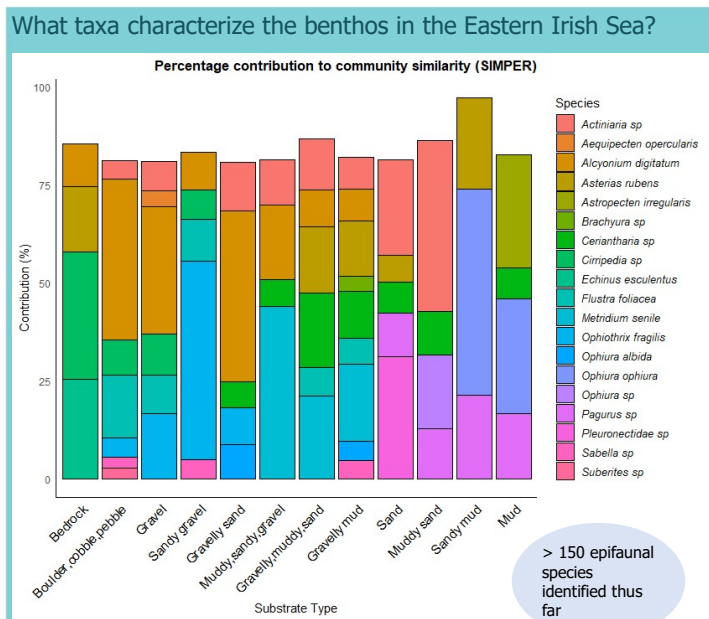
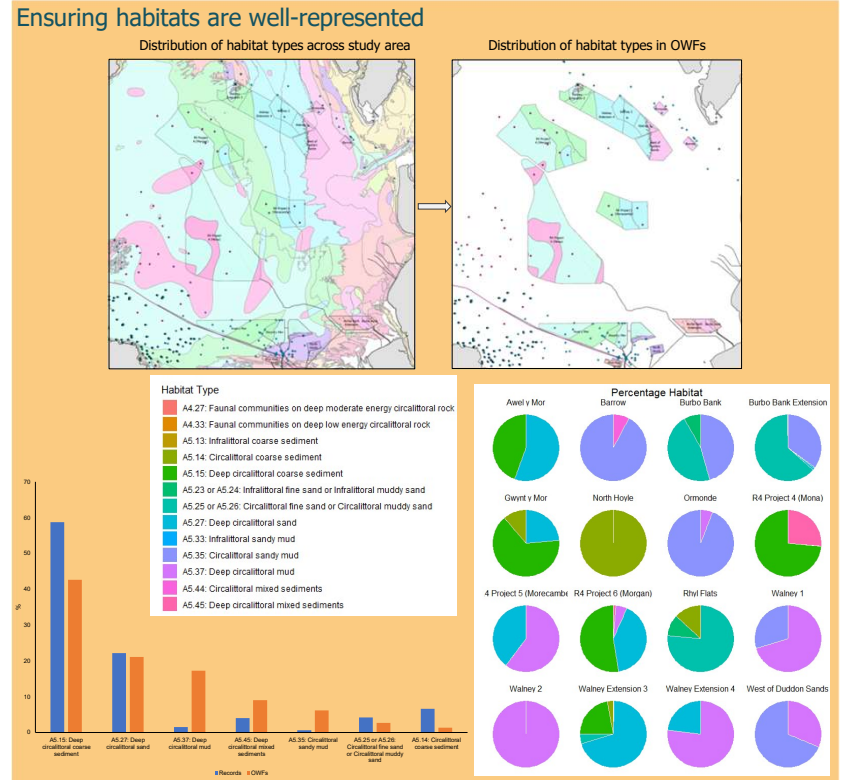
- How will changes in bed stress affect seabed communities, and the Ecosystem Services they represent?
- How do we incorporate fine-scale environmental changes in predictive modelling and translate it regional scales?

Data collection

- Legacy datasets (20 years)
- 2 x Fieldwork campaigns (2023, 2024)
- > 19 000 seafloor images!

Characterize seabed communities across the Eastern Irish Sea

- Substrate types
- Characteristic fauna



Upcoming outputs:

- Predictive biotope maps for modelled future climate scenarios (estimated delivery: early 2025)
- Ecosystem services associated with modelled biotopes, fed into Asset Service Matrices to produce lists of Natural Capital Assets (JNCC)