EU MISSIONS
RESTORE OUR OCEAN & WATERS

EDITO European Digital Twin Ocean
in cooperation with
EMODnet European Marine Observation and Data Network
Copernicus Marine Service
MERCATOR OCEAN INTERNATIONAL
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Monitoring water quality in support of oyster aquaculture and biodiversity restoration

A case of Galway Bay, Ireland

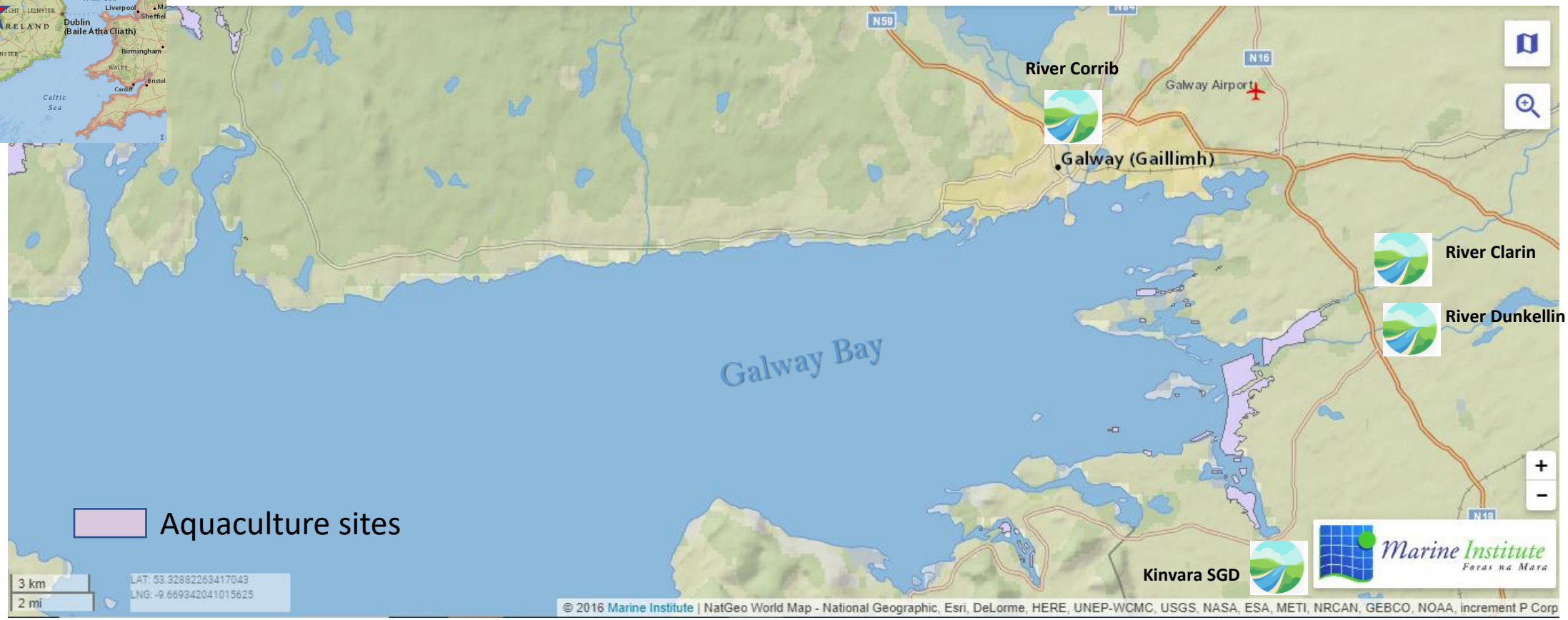

© Anais Dyckmans (Seascape Belgium)

Marine Institute
Foras na Mara

now Systems

COPERNICUS MARINE SERVICE USER ENGAGEMENT PROGRAMME 2022-2028

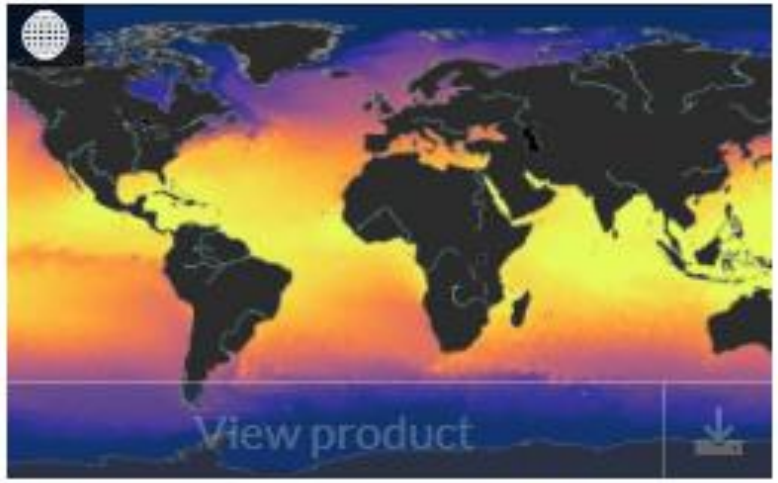
Galway Bay



The service supports:

- sustainable aquaculture
- biodiversity restoration
- informs policy and supports its implementation

Galway Bay - coastal scale model



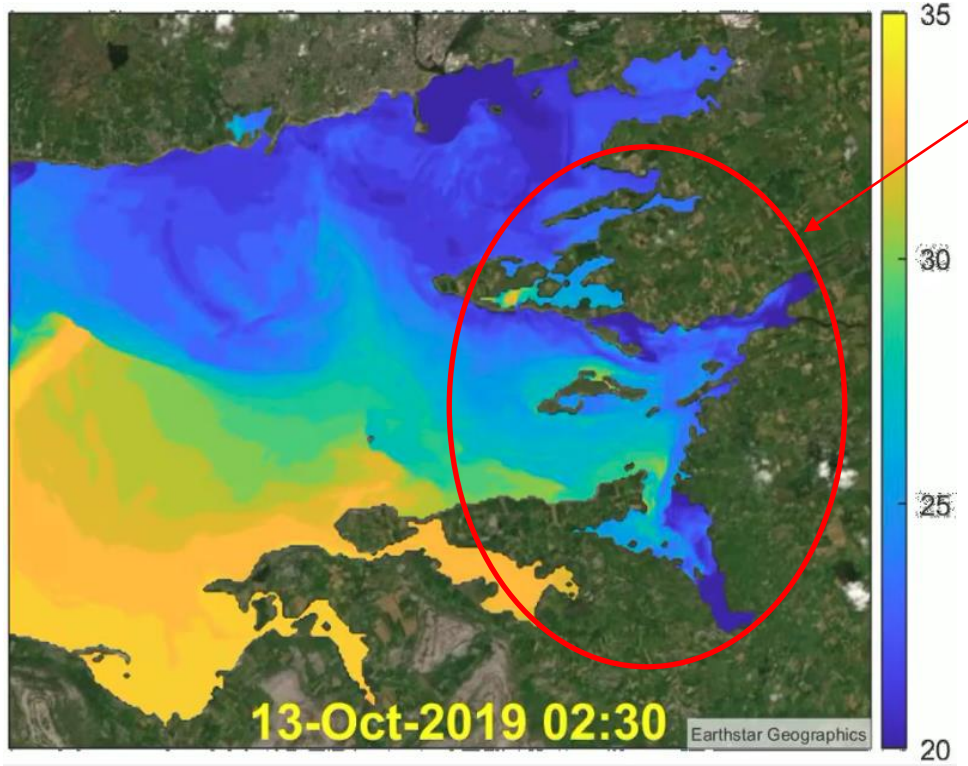
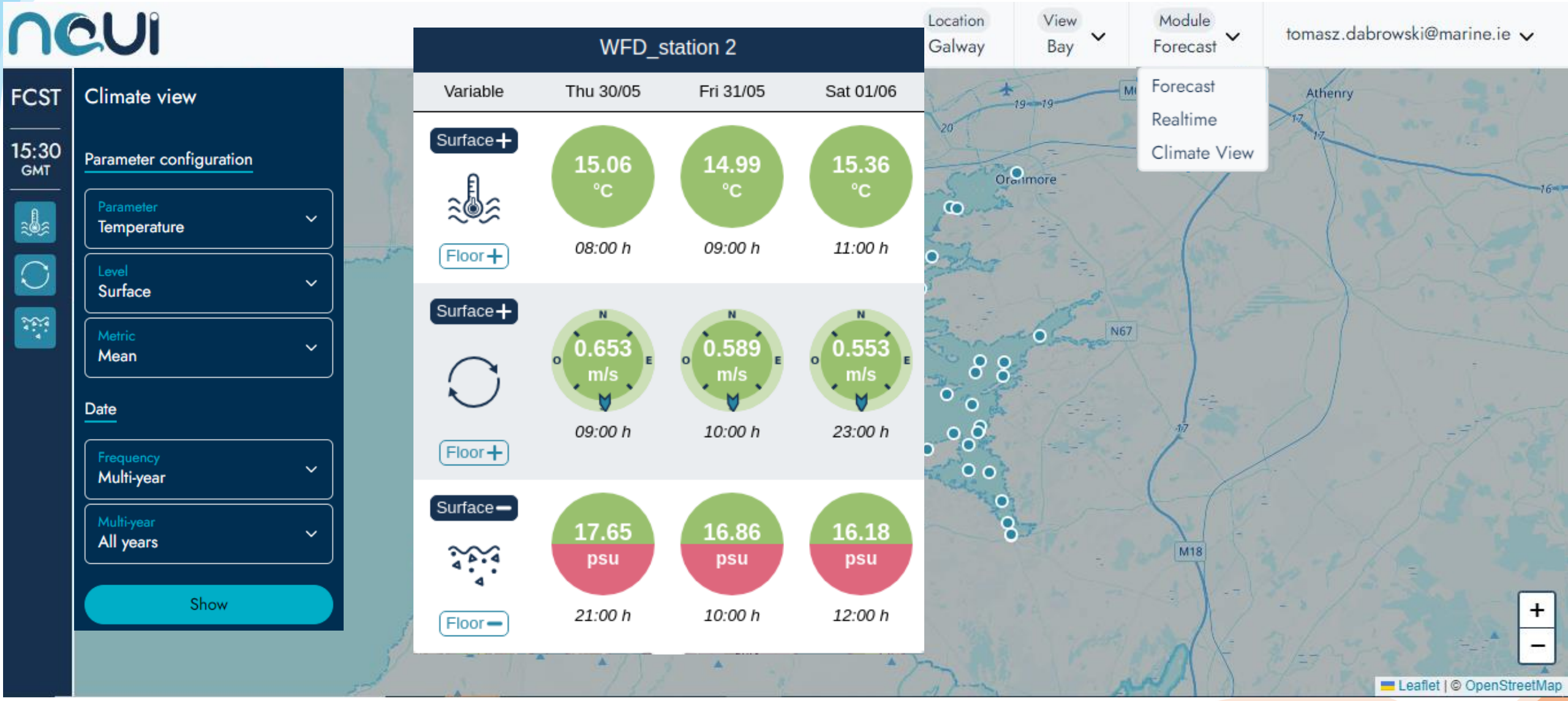


Fig. Low salinity event in Galway Bay, which poses threat to the health of oysters

BIODIVER-COAST service application



Integration with European Digital Twin Ocean

- A faster service
- Extended to new geographical locations, e.g. nationwide

Users and added value

- Cuan Beo (an environmental NGO)
- Oyster farmers
- Environmental Protection Agency (WFD monitoring, OSPAR)

Acknowledgements

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