Special EU Programmes Body
Comhlacht na gClár Speisialta AE
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Interreg
Northern Ireland - Ireland - Scotland
European Regional Development Fund

SPECIAL EU PROGRAMMES BODY

Project Case Study: Collaborative Oceanography and Monitoring for Protected Areas and Species (COMPASS)

THEME:

Environment: Manage Marine Protected Areas & Species

FUNDING (ERDF+MATCH:

€6,289,181.25

MATCH FUNDING:

Department of Agriculture, Environment and Rural Affairs & The Department of Housing, Local Government and Heritage

LEAD PARTNER:

The Agri-Food and Biosciences Institute (AFBI)

PROJECT PARTNERS:

Marine Scotland Science, Marine Institute, Scottish Association for Marine Science, Inland Fisheries Ireland

Start Date: 01/01/2017

End Date: 30/09/2022

compass-oceanscience.eu/

@Compass_MPA

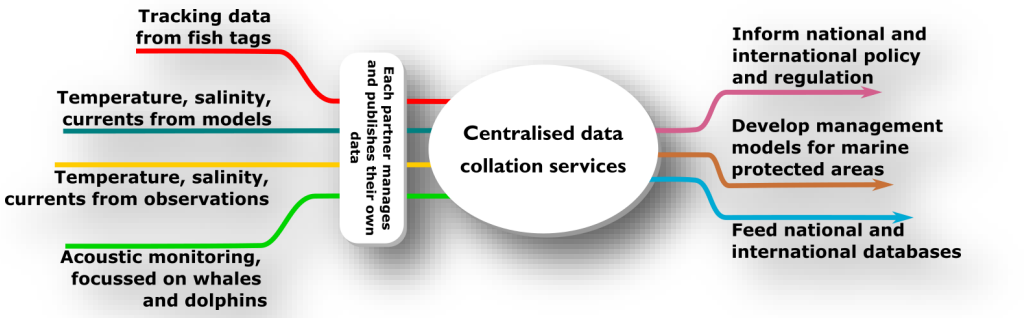
Agri-Food and Biosciences Institute

Agri-Food and Biosciences Institute

Data Management

The COMPASS project is collecting water temperature, salinity and pH data from a number of sites around Ireland, Northern Ireland and Scotland. It is also collecting data about migratory routes of salmon and trout from tagged fish passing close to receiver buoys; monitoring the acoustics in the sea in particular to focus on whales and dolphins; and modelling temperature, salinity and currents across the region.

In many projects, this data would have been sent to a central database for aggregation. In COMPASS, however, a different approach has been taken to enable each partner organisation to develop its Data Management capability - particularly when it comes to making data available online. Each partner is responsible for managing their own data stores and making the appropriate information available via web services.



Through a centralised website this data is then presented as a coherent whole to be used in a variety of ways including informing national policy and regulation; and feeding the development of models showing the impacts of change in marine protected areas. The data is also made findable through the Irish Spatial Data Exchange and MEDIN in the UK. Data has also been submitted to EMODnet where it feeds into European level assessments of the ocean.