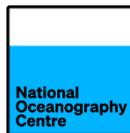


# An introduction to



# the hub for UK marine data

Dr Clare Postlethwaite



# What is MEDIN?

*“Measure once, use many times”*

*Long-term, open partnership*

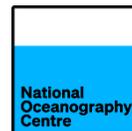
*Funded by 16 sponsors*

*Hosted at the National Oceanography Centre*

*National framework for managing UK marine data*

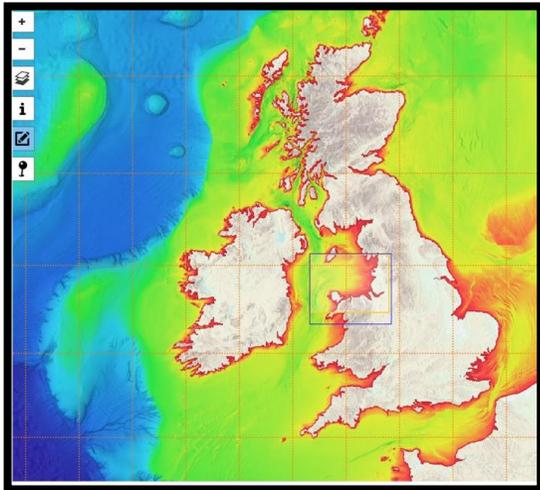
*Group of organisations, tools and resources that make it easier to share UK marine data*

Established 2008

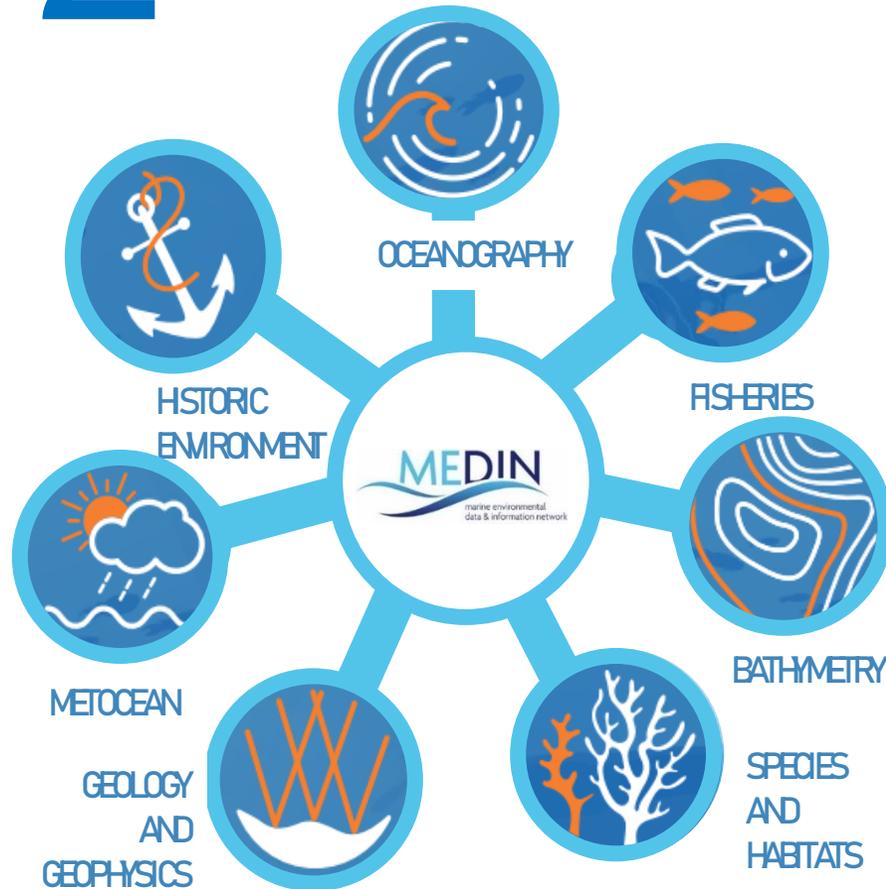


# MEDIN resources open to all

1 A single place to find and access UK marine data



2 A network of accredited, thematic Data Archive Centres



Data Archive Centres

3 A metadata standard and suite of data guidelines



Standard

Community derived and supported

# What is the scope of MEDIN?

Marine environmental data and information

Met ocean

Oceanography

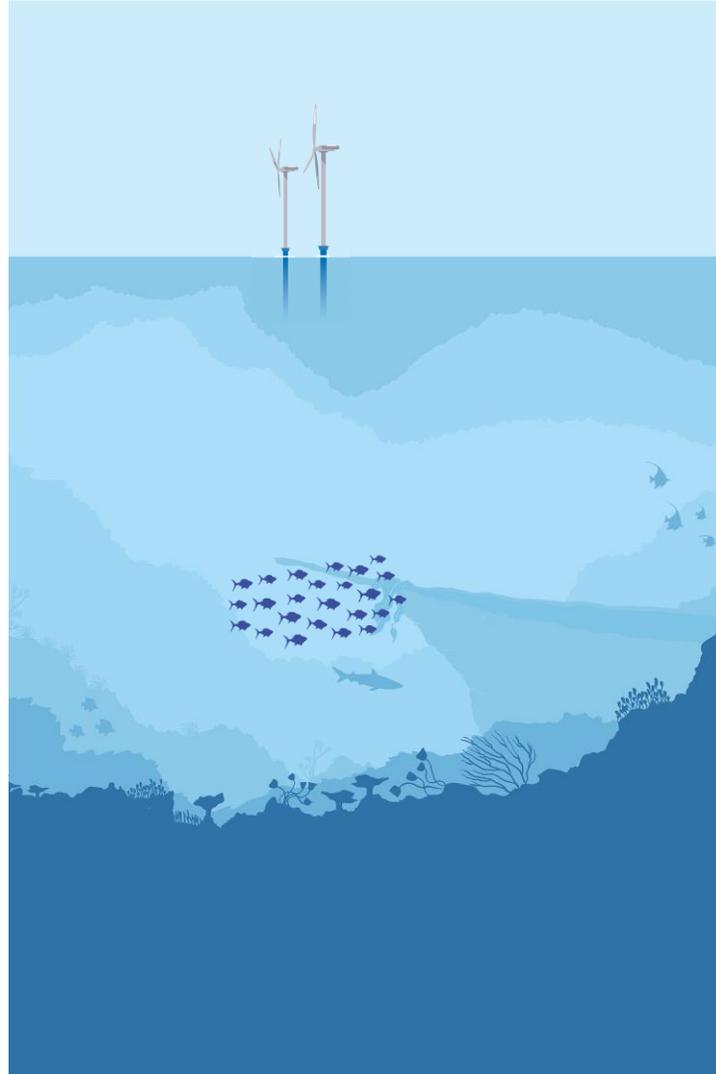
Fisheries

Species and habitats

Historic environment

Bathymetry

Seabed and sub-seabed geology and geophysics



Predominantly UK territorial waters  
Also some on a global scale



# Officially launch the new MEDIN Business Plan



## ***Business Plan***

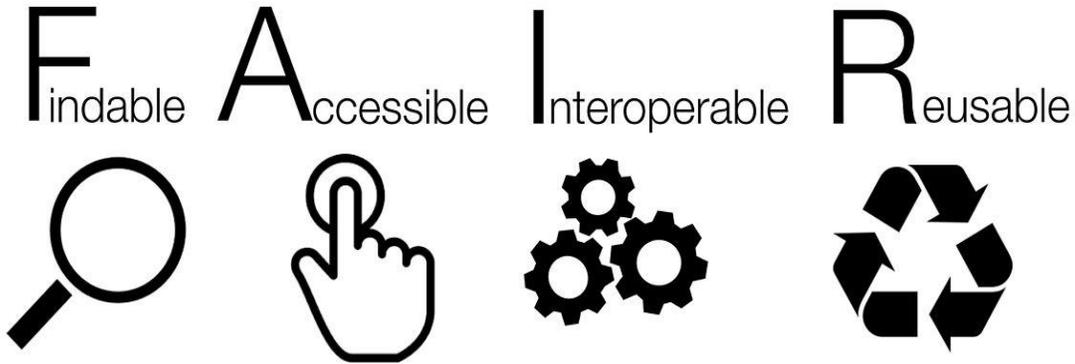
***2024-2029***

*Measure once, use many times*

Authors: Clare F Postlethwaite, Rohan Allen, Chelsea Bradbury, Graeme Duncan, Gaynor Evans, Laura Hanley, Laura Hewson, Dan Lear, Kieran Millard, Charlotte Miskin-Hymas, Roseanna Wright



# Our vision and three strategic goals



We deliver our vision for all of the UK marine community



We deliver the technical infrastructure to ensure UK's marine data are FAIR



We foster an open and constructive data management culture



# User focused

Image credit: Marine Directorate,  
Scottish Government

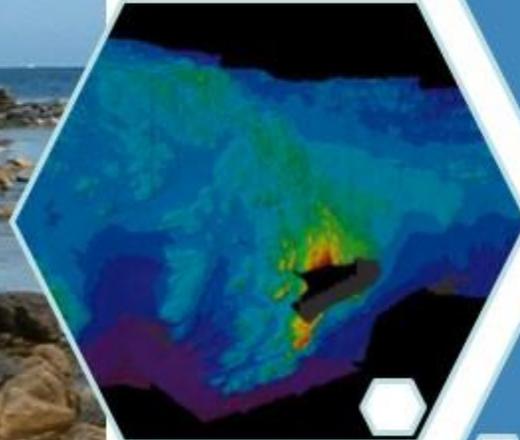


Image credit: Marine Directorate,  
Scottish Government

Free and open access to UK marine data

Tools, training and support

Make data FAIR

Agnostic of sector



Image credit: MBA



Image credit: NOC



Image credit: MBA



# What to expect?

---

- Robust, mature marine data infrastructure
- Ongoing support and training
- UK hub for marine data
- Agility to respond to challenges and opportunities

## We will seek funding to develop our services

- Provide direct access to marine data
- Incorporate non-spatial marine data
- Convening experts and proactively publishing position papers
- Support new UK data flows to international & interdisciplinary systems

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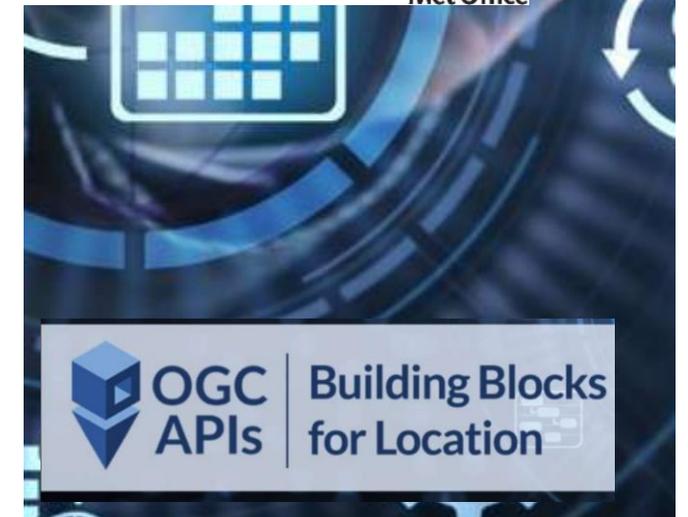
- Provide direct access to marine data
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## Build on pilot study



Open  
Geospatial  
Consortium

Met Office



OGC  
APIs

Building Blocks  
for Location

# What to expect?

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## Share new data

e.g.

Non-spatial social science

Species traits

DNA sequences

Histology

Mathematical models



# What to expect?

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## Position papers

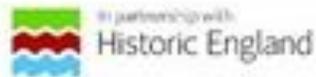
In response to e.g.



We are the leading voice in UK marine data management across governmental and nongovernmental sectors



# MEDIN Partners – currently 60 organisations ...



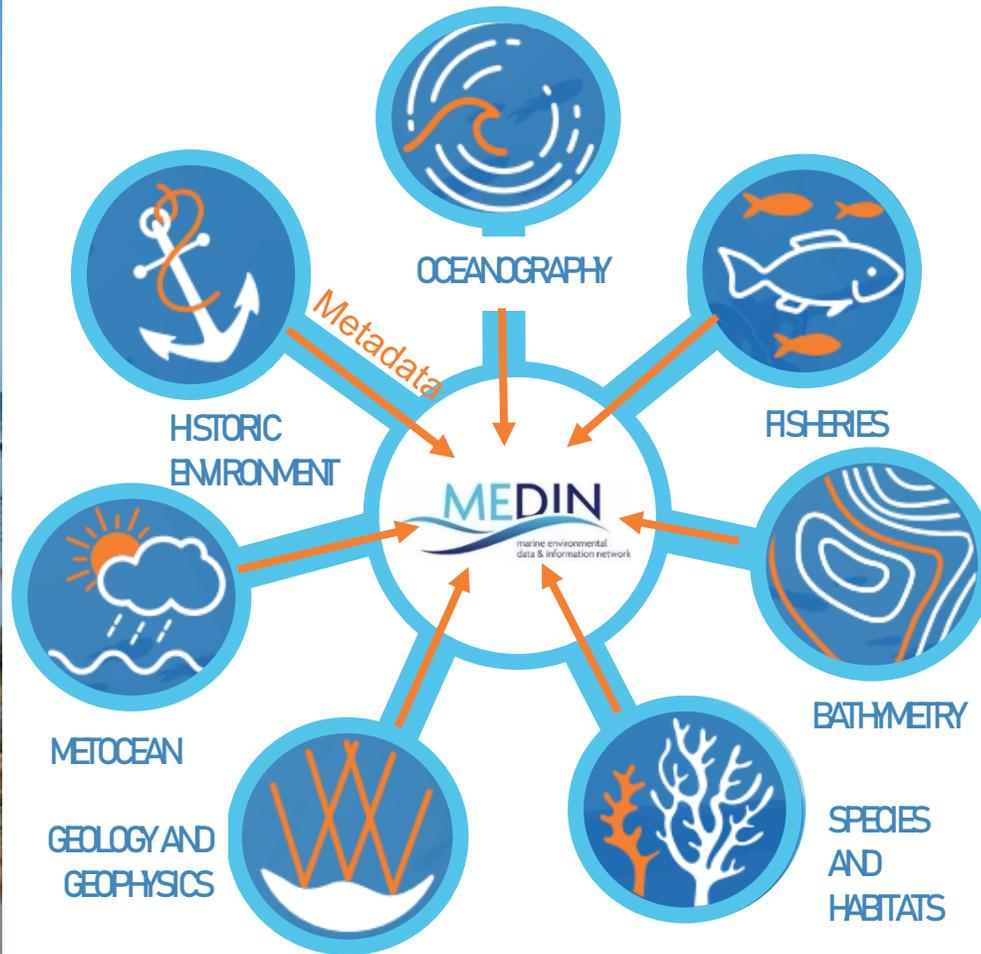
# ... helping to deliver MEDIN's vision



**PARTNER**



# Summary



MEDIN is the hub for UK marine data

Supports UK input to international hubs  
*Google Dataset Search, Ocean InfoHub etc*

Launched our ambitious Business Plan

Open invitation

- to join the network
- follow our social media  
@MEDIN\_marine
- Subscribe to Marine Data News  
<https://medin.org.uk/news>