



SHAREMED

First Capitalisation Workshop

*Designing the future system of observing systems to assess and address threats to the Mediterranean marine ecosystem
- State-of-the-art, needs and future direction*

Webinar: 14-15th December, 2020

Tim O'Higgins
Risk-based Approaches to Good
Environmental Status (RAGES)



Project name: RAGES

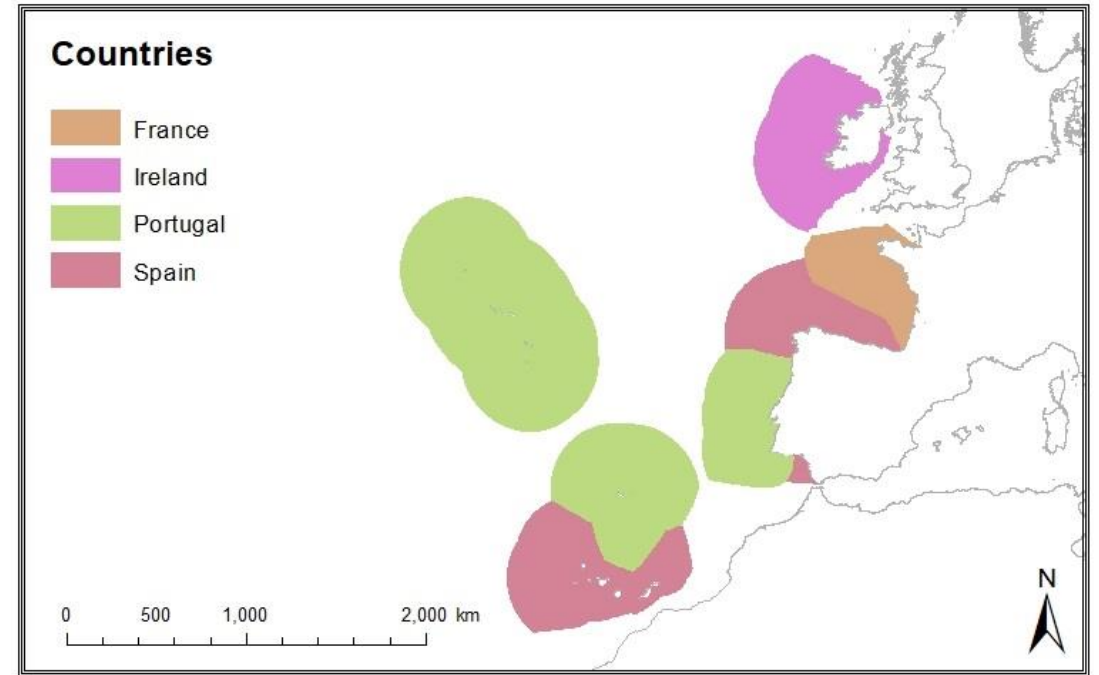
Project coordinator: Tim O'Higgins

Project duration: 2 Years + six month extension

Funding authority: DG Environment

Geographic extension: North East Atlantic, IE, FR, ES, PT (including Azores and Madeira),

Other useful information ?- Standard Risk-based approach to MSFD implementation



What are the main environmental threats or risks that your project is addressing?

Noise (continuous and impulsive) and Non-Indigenous Species

What kind of contribution to the above listed threats/risks does your project

Process based approach to enable standardisation accross MS. Including modelling of noise as well as ranking of species.



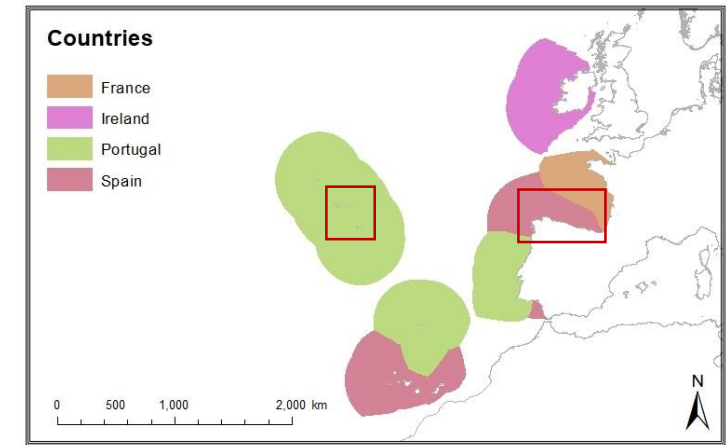
□ What kind of information/data is your project able to provide?

NOISE

- Regional (NEA) and local noise studies (Bay of Biscay, Azores)
- At what temporal scale- 1 year snapshots based on VMS/AIS data

NIS

- Regional scale (excluding Ireland)
- Based on time series of recorded species





Is your project addressing specific EU, international or regional regulations?
Directly focussed on MSFD all descriptors but with a focus on D2 and D11.


Which main bottlenecks need to be addressed in connection with environmental threats or pollution risks in the Mediterranean?

Modelling and standardisation of underwater noise modelling is a big. Data on cetacean and noise response also a major issue.

How did your project contribute to solve such bottlenecks?

Process based expert approach to species prioritisation

Some validated noise modelling for certain species

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- ❑ Which governance frameworks are needed to address such challenges more extensively?- Enhanced regional cooperation and capacity building.
 - ❑ Main take home messages from your project and suggestions for future project trajectories and/or integration with other research programs

Standard approaches are useful but there are still major data gaps in some areas of MSFD implementation which required continued efforts to enhance capacity at the regional scale