



DiadSea

Transnational cooperation to improve the management and conservation of diadromous fish at sea

EAPA_0011/2022

Project Presentation to Stakeholders

Kickoff meeting, 13 May 2024

DiadSea - Transnational cooperation to improve the management and conservation of diadromous fish at sea (EAPA_0011/2022)

Partnership:

- 9 Beneficiary partners (Lead Partner – University of Évora)
- 28 Associated partners

Dates: November 2023 to October 2026

Total Budget:

- 3,4 M €

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Atlantic Area



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IPMA Instituto
Português
do Mar e da
Atmosfera



Foras na Mara
Marine Institute



Inscach Iníre Éireann
Inland Fisheries Ireland



Associated Partners

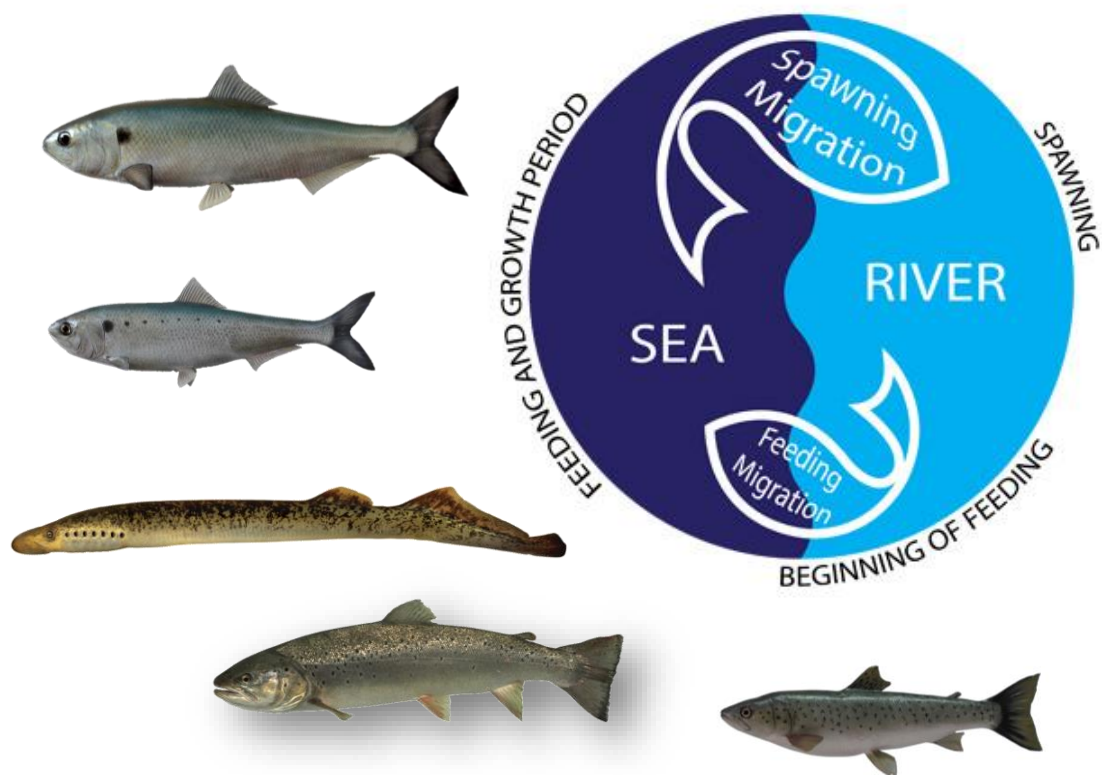


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► Diadromous species across the Atlantic Area targeted in DiadSea

ANADROMOUS SPECIES



CATADROMOUS SPECIES



Problematic and main objectives

- ❑ DiadSea will focus on the **marine environment** where there are serious **knowledge gaps and where fewer management and conservation actions directed to diadromous fish take place.**
- ❑ Diadromous fish occur along the Atlantic Area (AA) but there is a **lack of joint solutions to mitigate common threats exacerbated by climate change.**
- ❑ DiadSea will foster a **transnational cooperation in the AA**, to enhance the sustainable management and conservation of diadromous fish in marine habitat.

Specific objectives

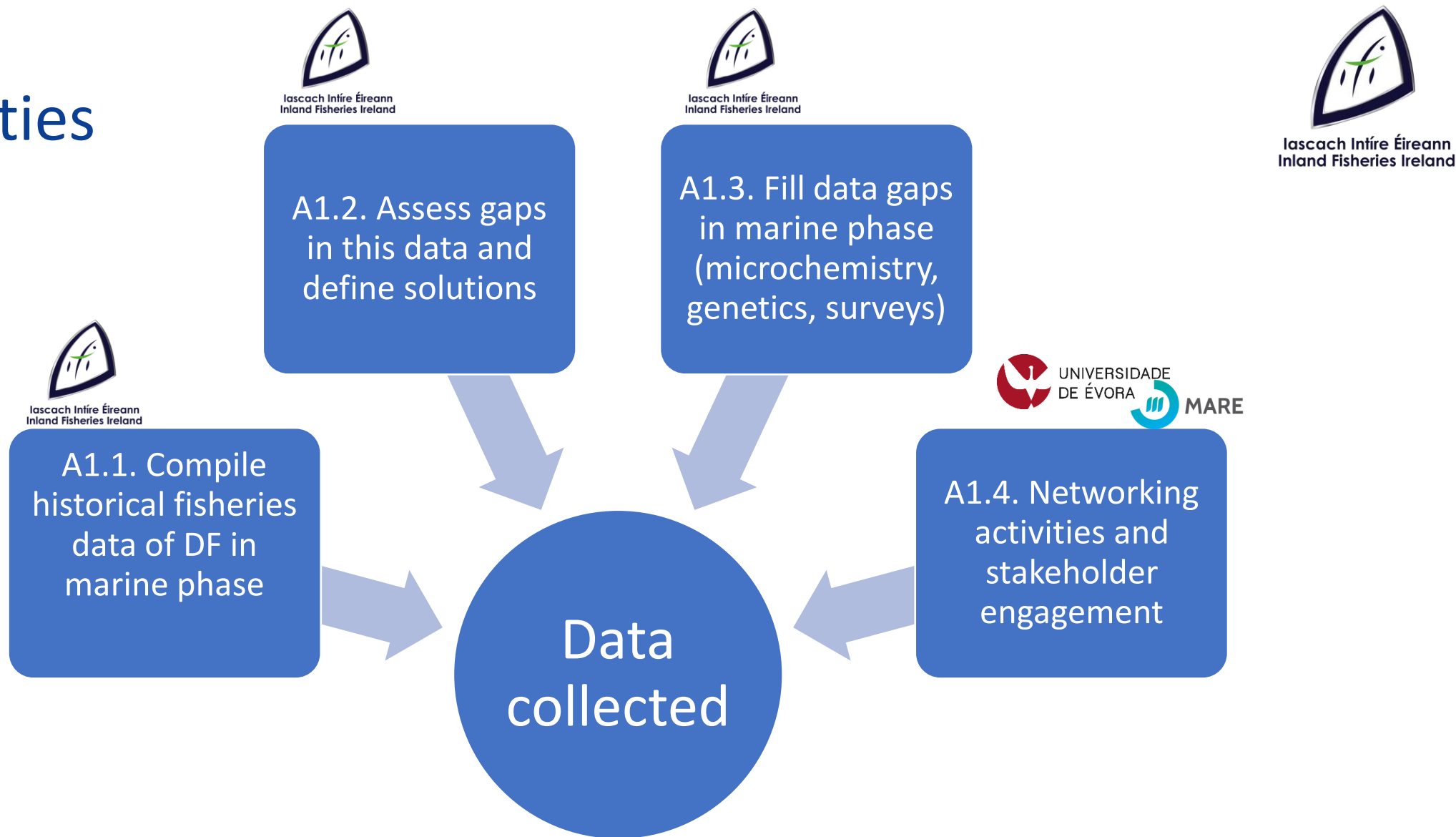
- 1) Identify and fill knowledge gaps in diadromous fish marine habitat;
- 2) Anticipate the distribution range shifts of diadromous fish due to climate and oceanographic changes;
- 3) Develop innovative cooperative solutions to protect biodiversity and the common resources that are diadromous fish in marine habitat and, subsequently, in freshwater habitat.

► WP1 - Biological data collection

- Compilation of historical fisheries-dependent and independent data on diadromous fish (DF) marine phase; assessment of data gaps and definition of required solutions; and filling data gaps on the DF marine and estuarine phase.

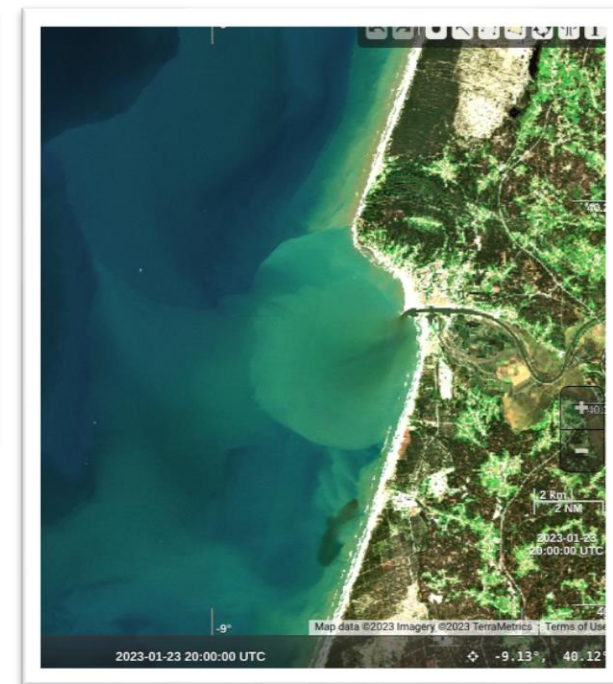


► Activities

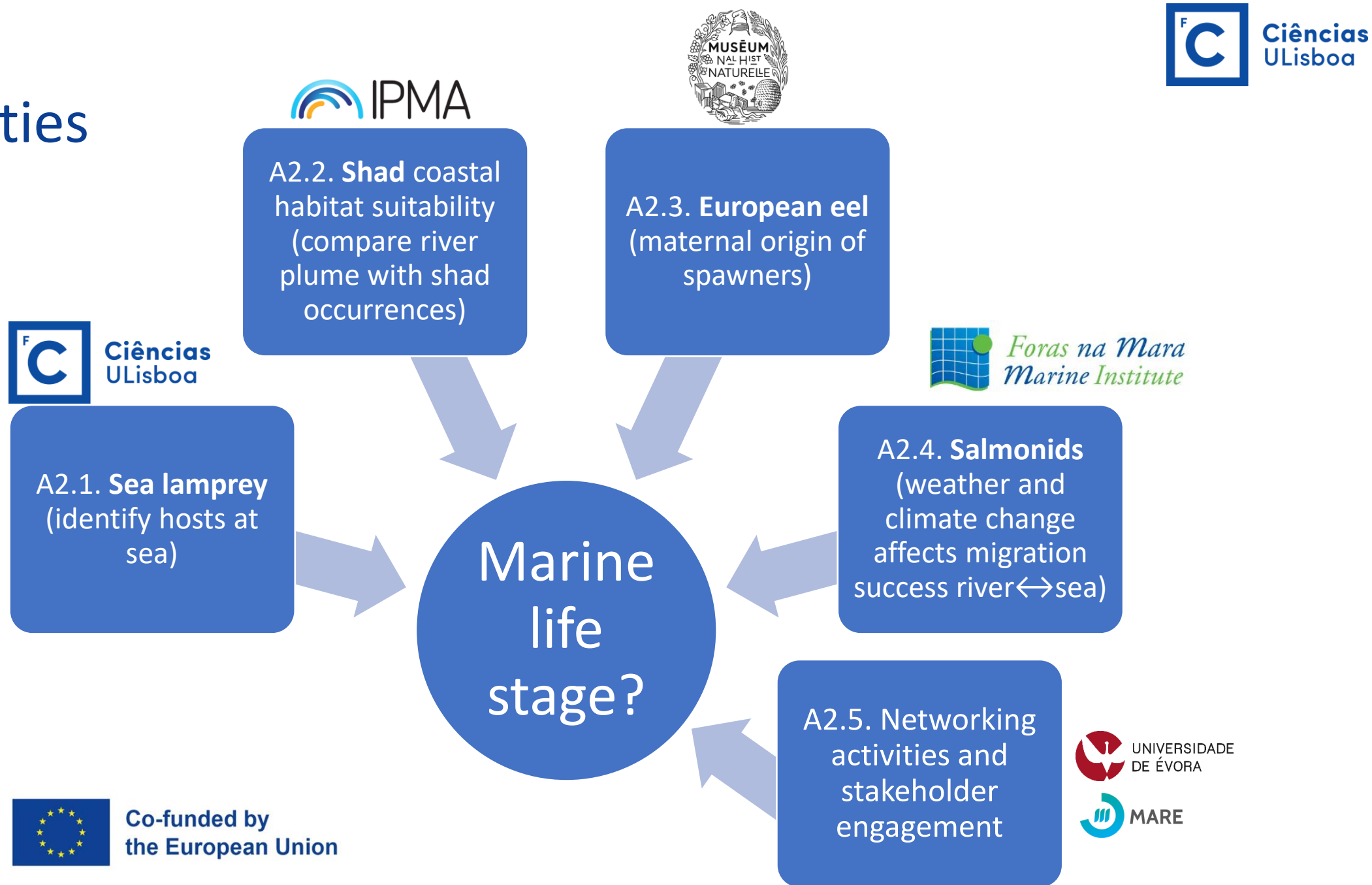


► WP2 - Innovative Methods to fill Gaps in Data-poor Species

- Focus on assessing novel methodological approaches targeting data poor DF to obtain information on the marine life stage of their life cycles.

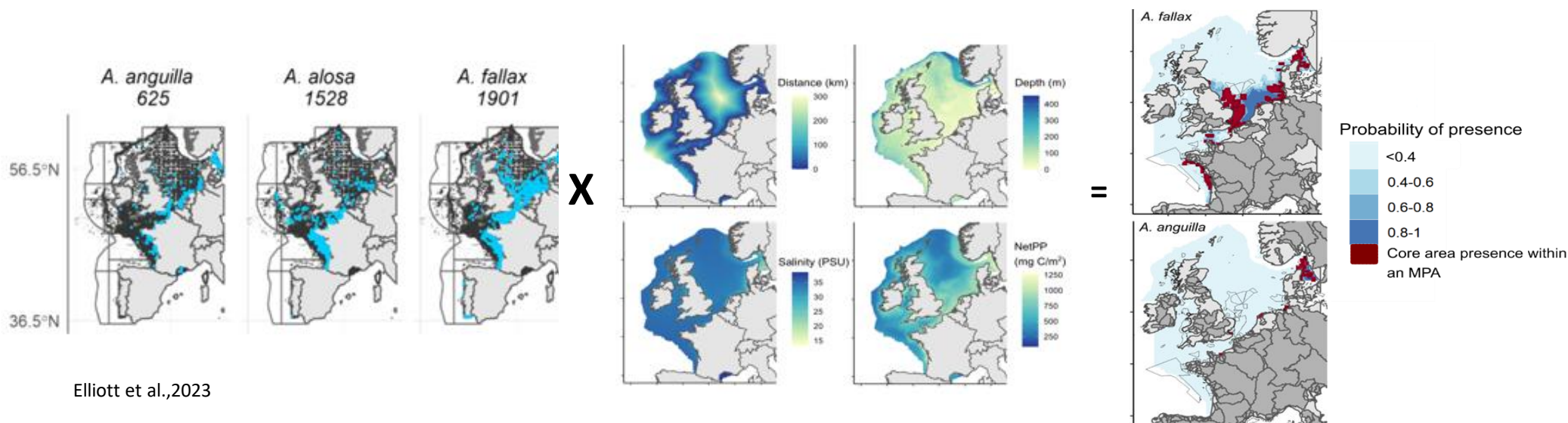


► Activities

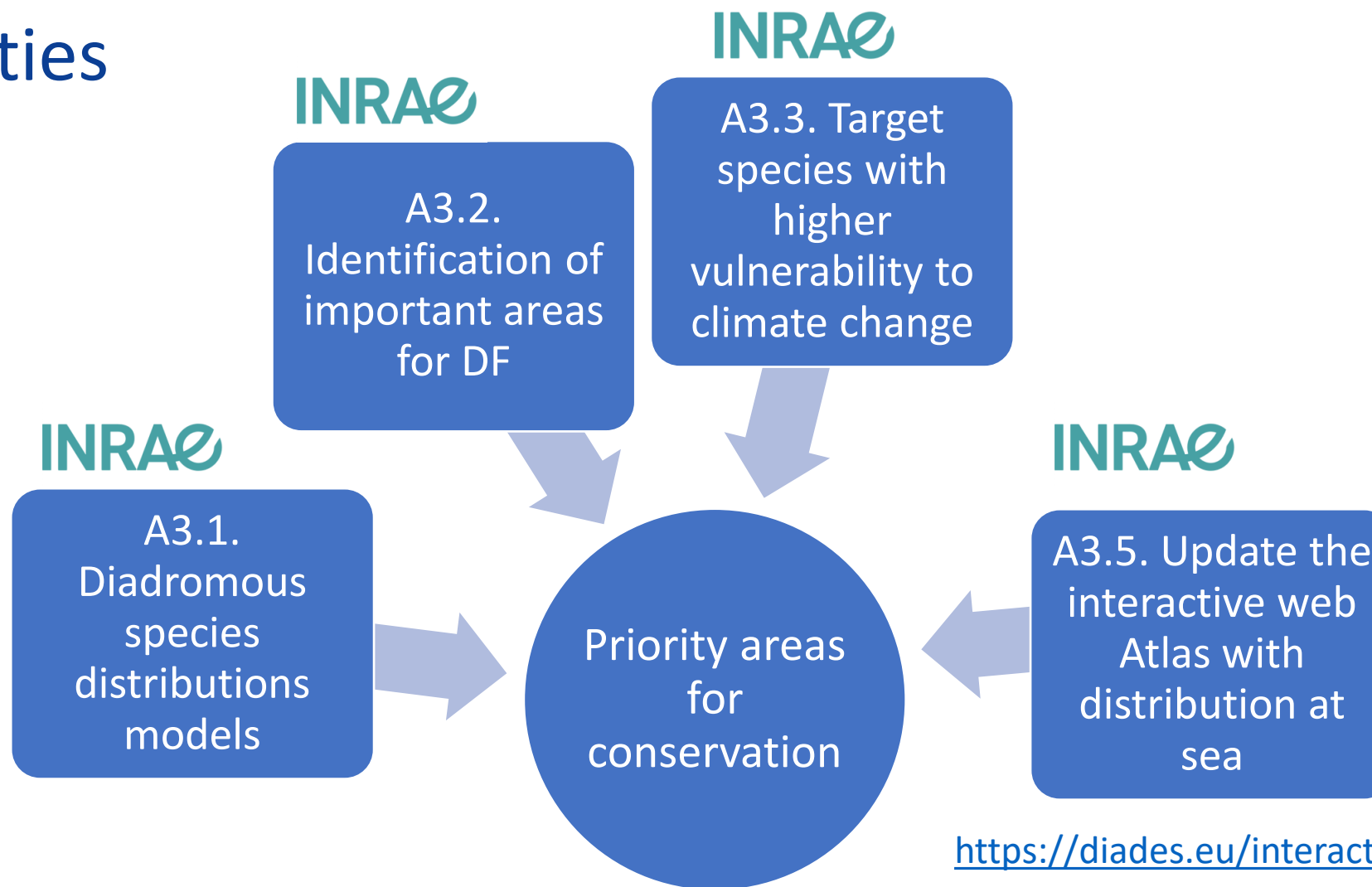


► WP3 - Assessment of priority areas for conservation

- Develop new tools to predict the effect of climate change on DF marine distributions in terms of habitat suitability and connectivity at a large scale and for all the species targeted by the project.



► Activities



<https://diades.eu/interactive-web-atlas/>

► WP4 - Transnational management of diadromous fishes

- Focus on transnational approaches for the management of diadromous fishes, under climate change, to efficiently mitigate threats, which are common throughout DF distribution range in the Atlantic Area.



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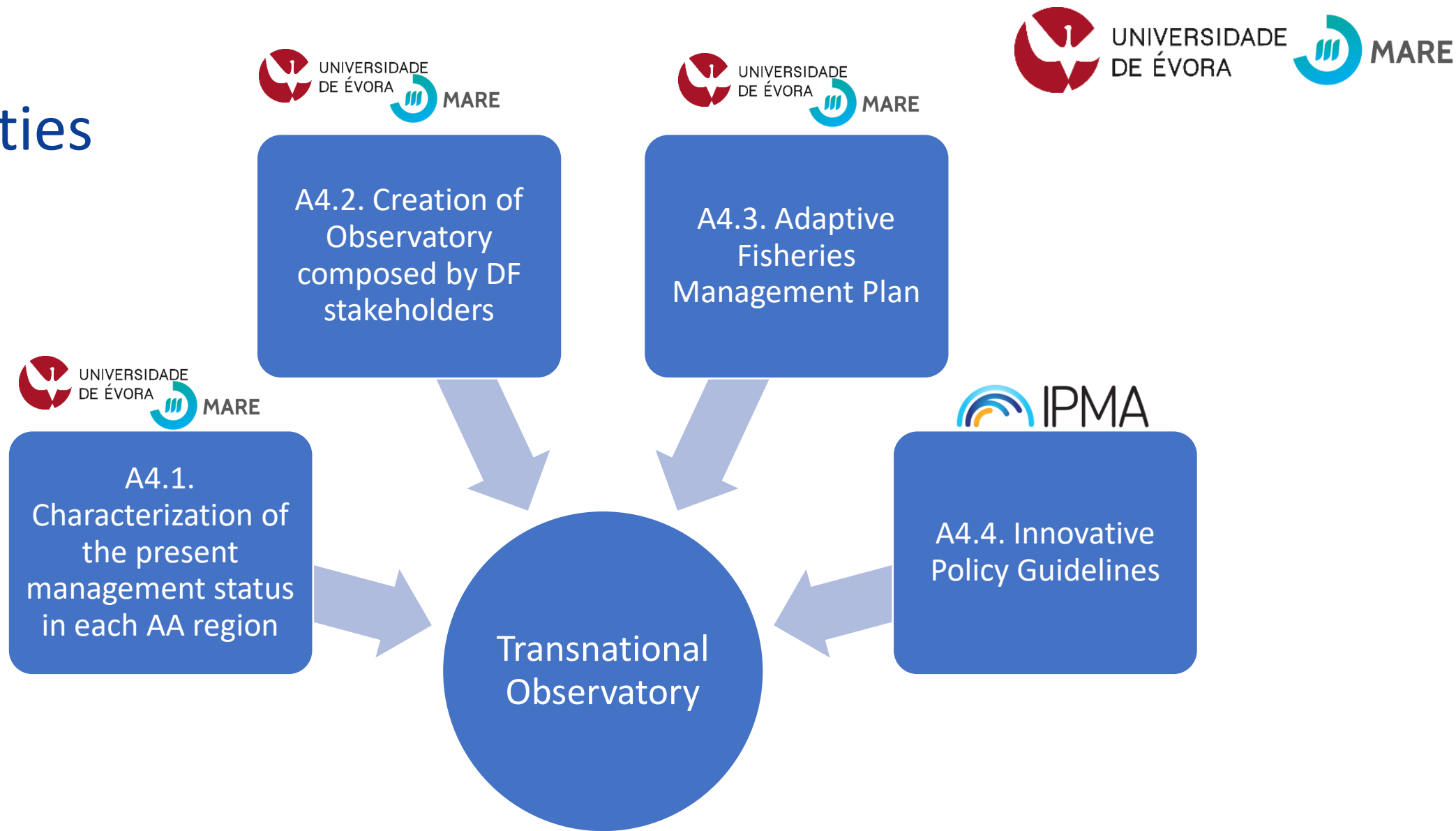
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► Activities



► WP5 – Tools for Capacitation and Capitalization towards DF Sustainability

- Ensure the delivery of sustainable long-term benefits regarding DF species management and conservation through the application of a capitalization strategy involving all partners (beneficiaries and associated) and other stakeholders.



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Agnatha Minho
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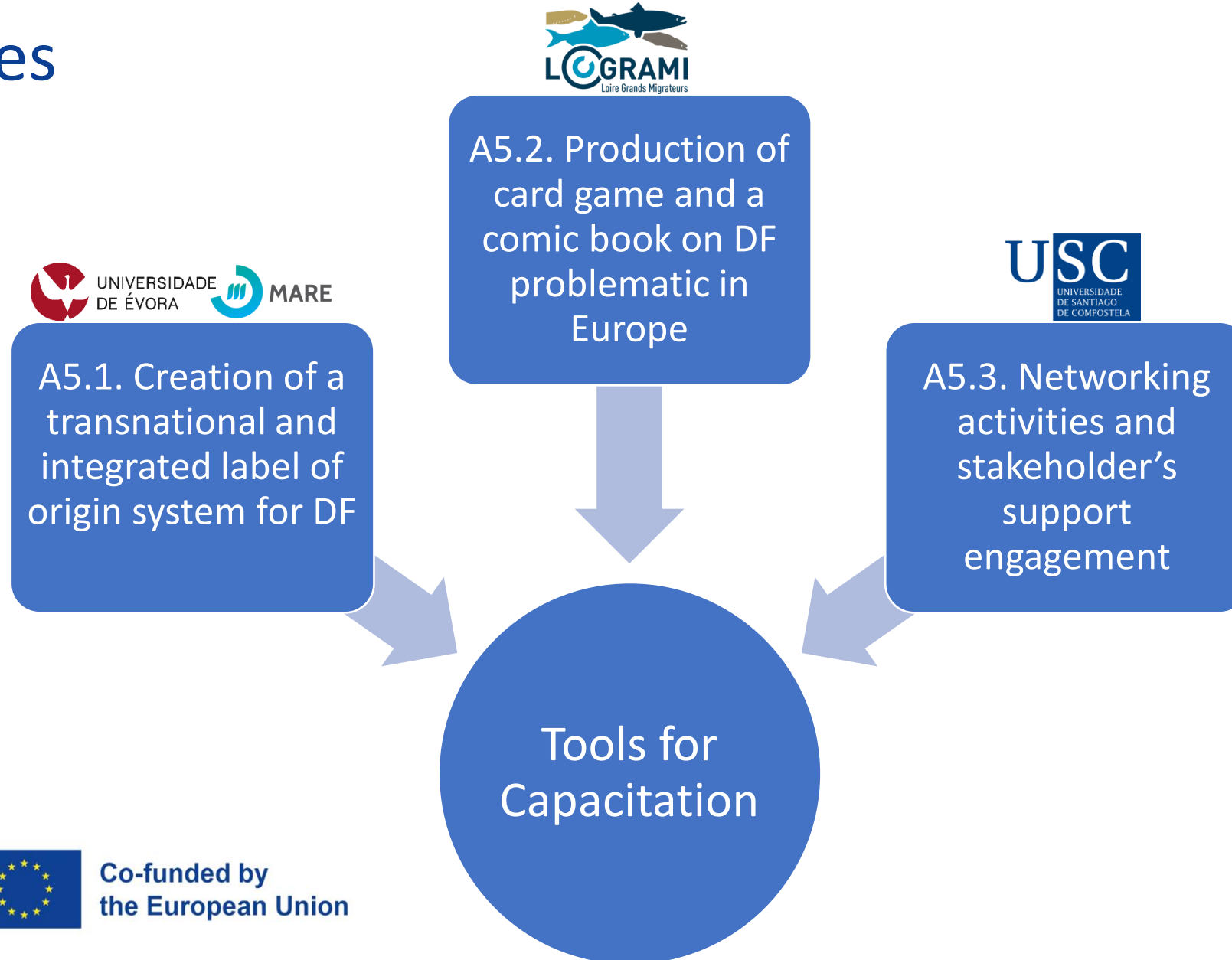
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Cefas



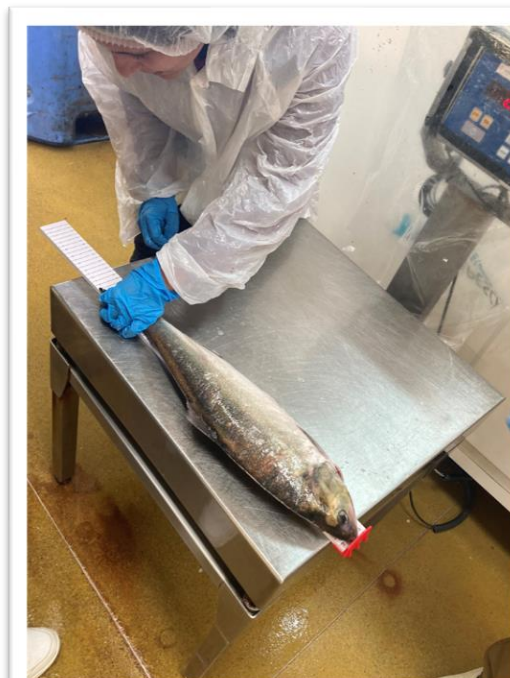
DOCAPESCA
PORTOS E LOTAS, s.a.

► Activities



► Some activities and results achieved so far

- ❑ Meetings for data collection discussion, data gathered and compiled (WP1- WP3).
- ❑ Sampling campaigns for data collection.



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 **Carlos M. Alexandre**
@CarlosMAlexand

Another morning looking out for Atlantic salmon and sea trout at Minho and Mouro rivers, with the help of local anglers! [@univdeevora](#) [@MARE_centre](#) [@AtlanticArea](#) [@NASCO_Sec](#) [#smoltrack](#) [#salmonlink](#) [#DiadSea](#)



 Sara Silva

8:26 AM · Oct 31, 2023 · 875 Views

► Some activities and results achieved so far

- ❑ Participation in the **XI River Minho Symposium** – 17 November 2023, Vila Nova de Cerveira.

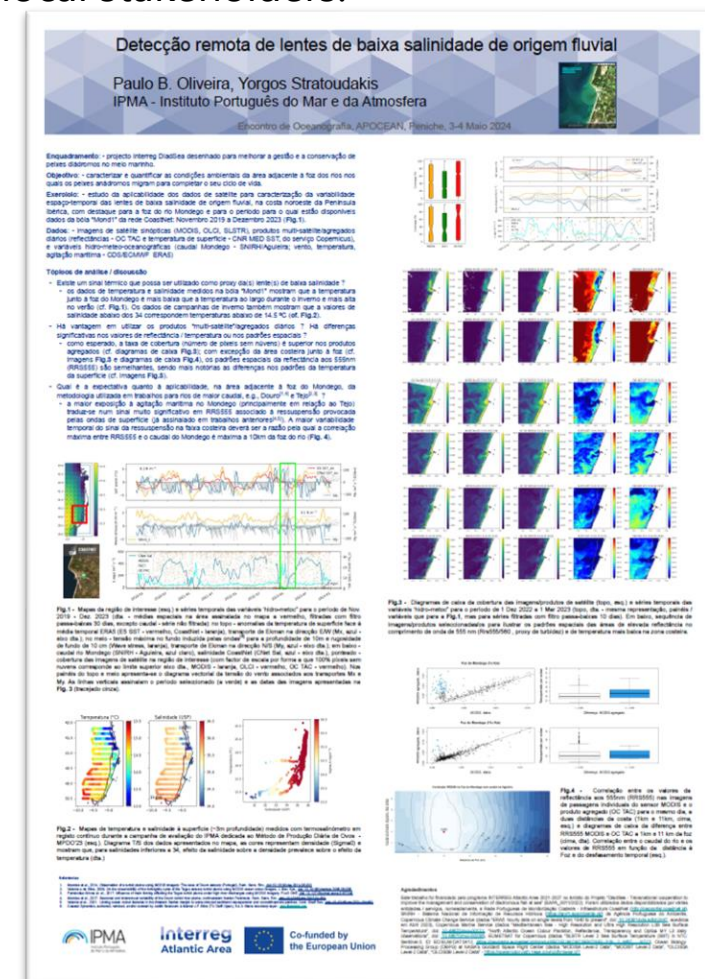
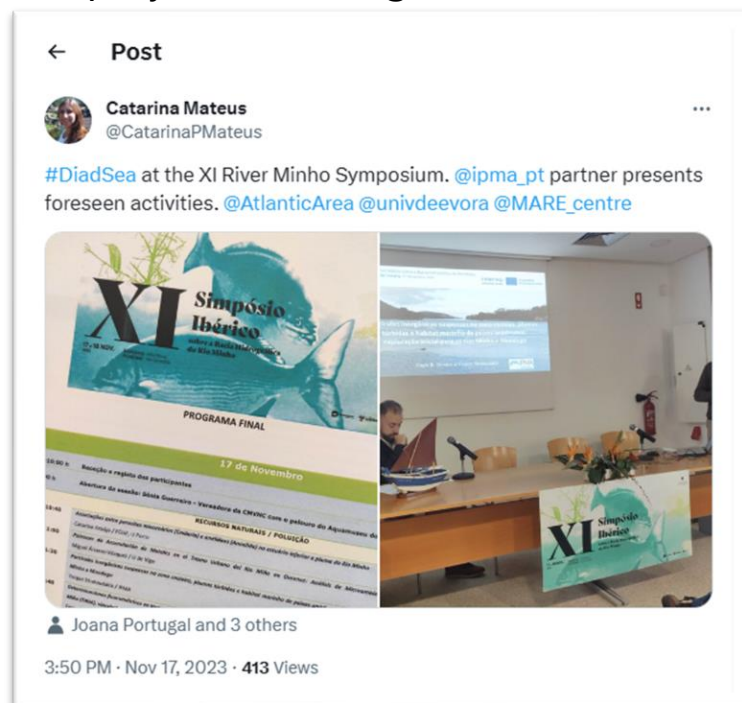
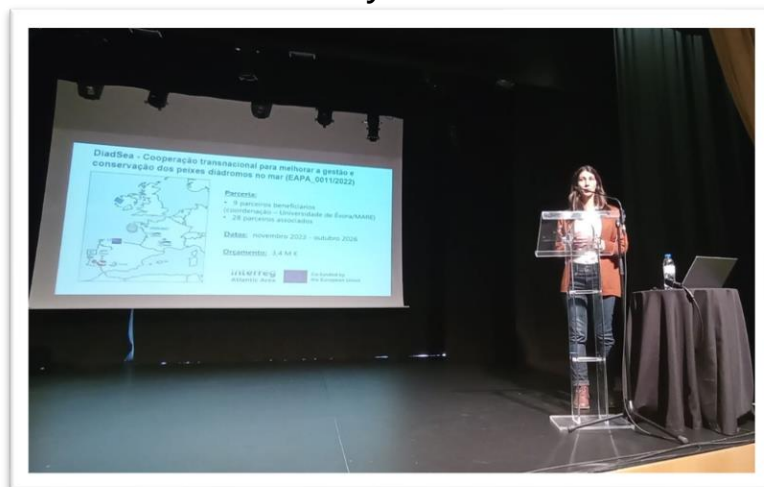
Organized by partner IPMA, with presence of project partners UÉvora/MARE and USC, and local stakeholders.

- ❑ Participation in the **Encontro de Oceanografia**, Peniche, 4 May 2024.

Poster presented by partner IPMA (A2.2).

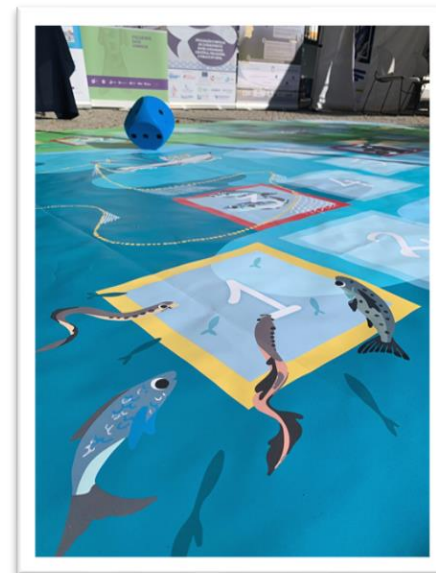
- ❑ **Symposium organized by the sea lamprey Brotherhood**, Penacova Municipality and UÉvora/MARE about the disappearance of sea lamprey from Portuguese rivers.

Penacova, 24 February 2024.



► Some activities and results achieved so far

- ❑ Floor game developed by UÉvora/MARE for children.
- ❑ Used in schools and in the European Researchers night (NEI23).



► Some activities and results achieved so far

- ❑ Media publications about the project DiadSea, or where the project is mentioned.



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