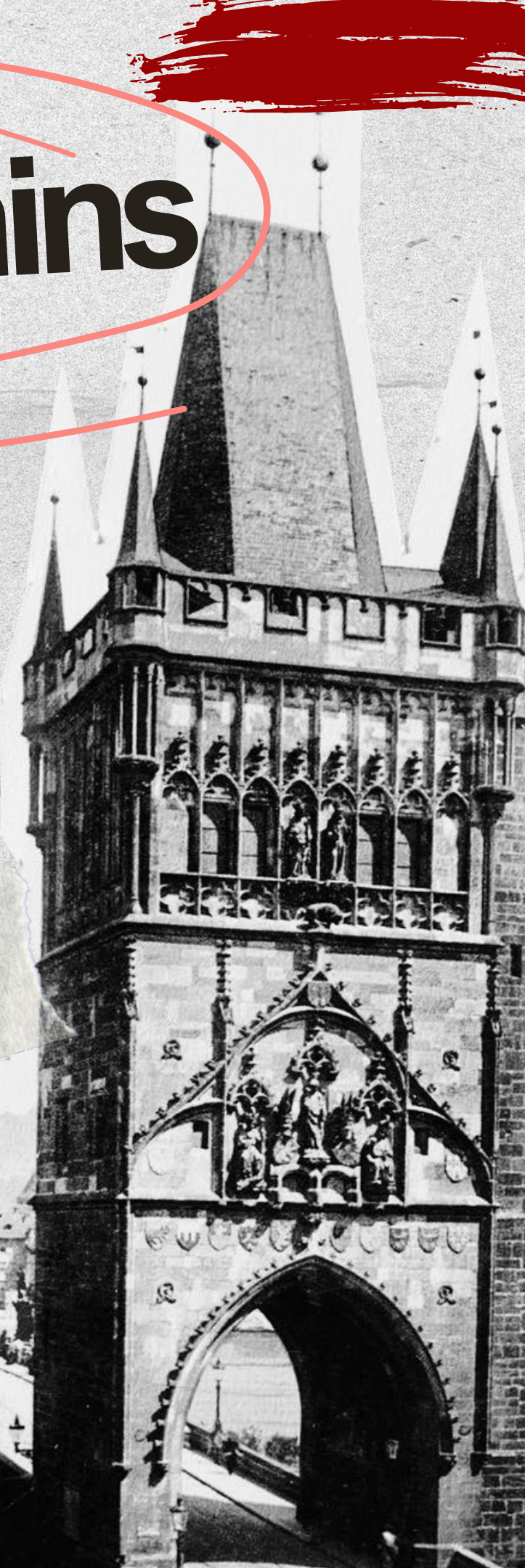
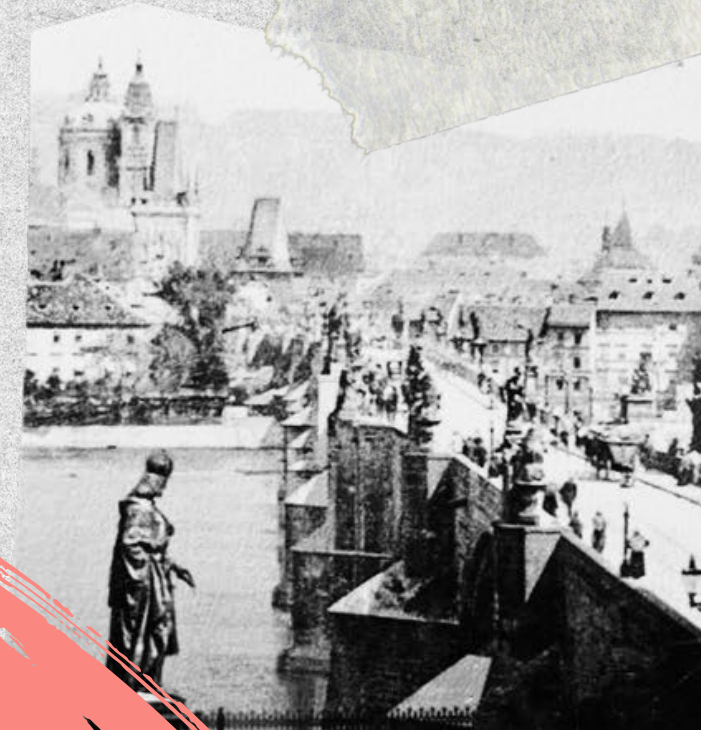




Building bridges for Risso's dolphins conservation

Reflections through the EDRIM project

PRESENTED BY : JULIETTE BIACCHI
ASSOCIATION AL LARK

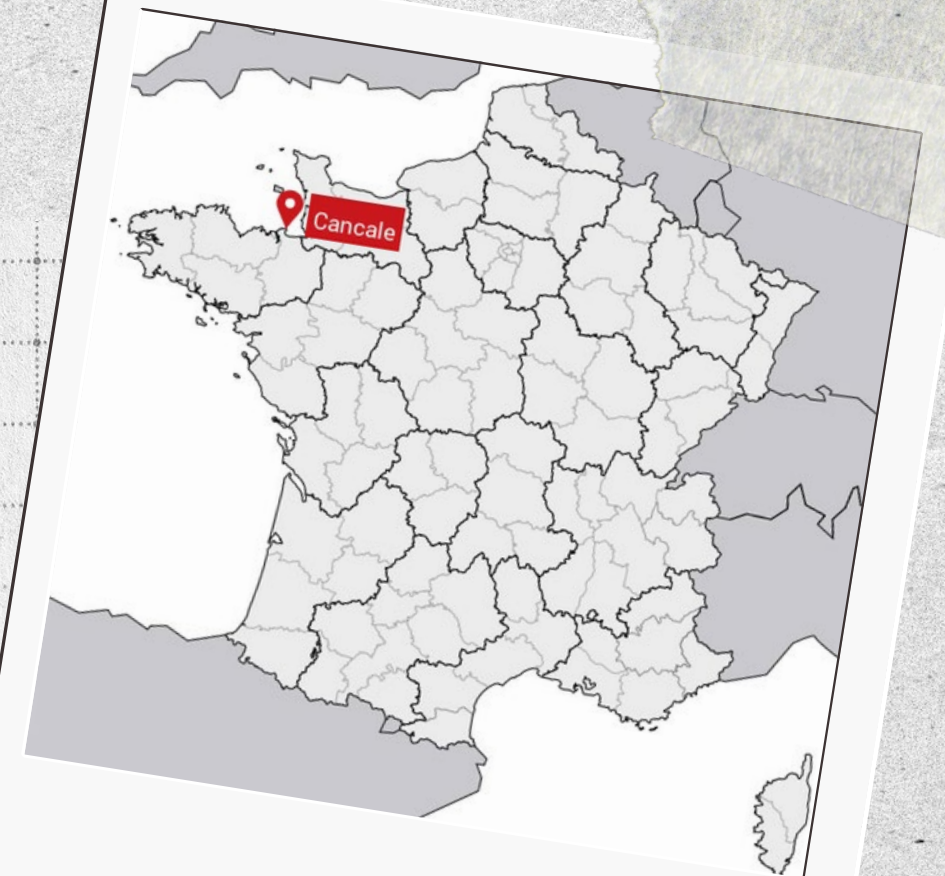


Association AL LARK

FRENCH ORGANISATION LOCATED IN CANCALE
(FRENCH BRITTANY)

Promote awareness of the marine
environment and scientific research on
species evolving in it

Value enhancement on the intrinsic
link between these domains through
citizen science



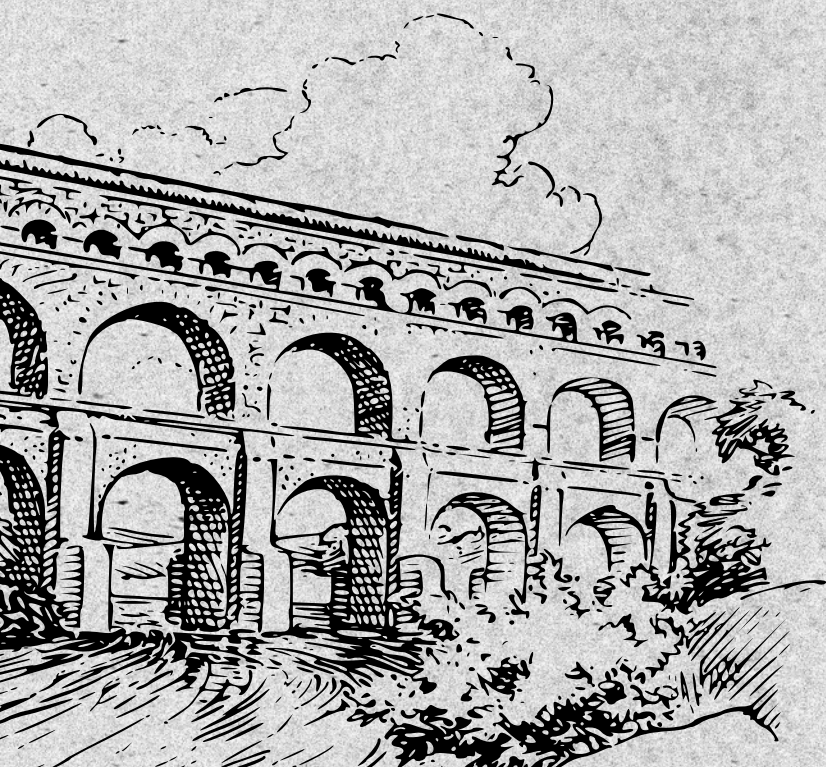
Why building bridges?

EDRIM project example



NATURA 2000

**LITTLE CONSIDERATION
IN CONSERVATION
PLANS**



**DATA
DEFICIENT
DD**

**LACK OF
OBSERVATIONS
LACK OF DATA**



**IDENTIFYING
STRUCTURES,
RESEARCHERS**

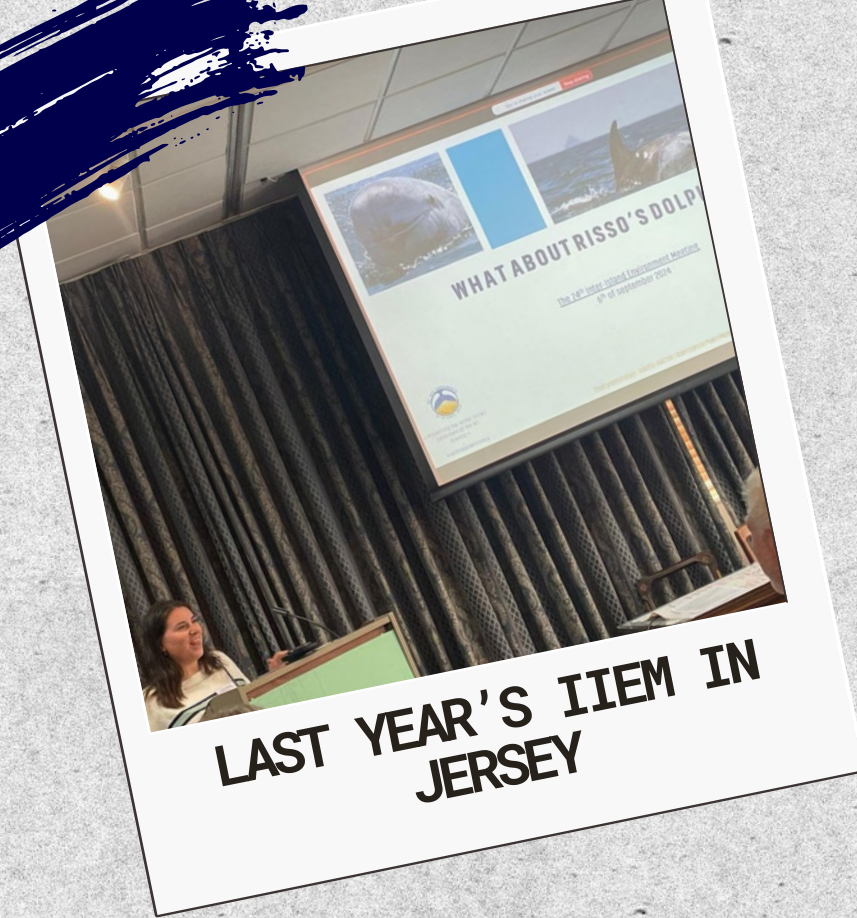


**METHODOLOGY FOR
SPARSE DATA**



EDRIM

Etude des Dauphins de Risso de la Manche*
*Risso's dolphins study in the English Channel



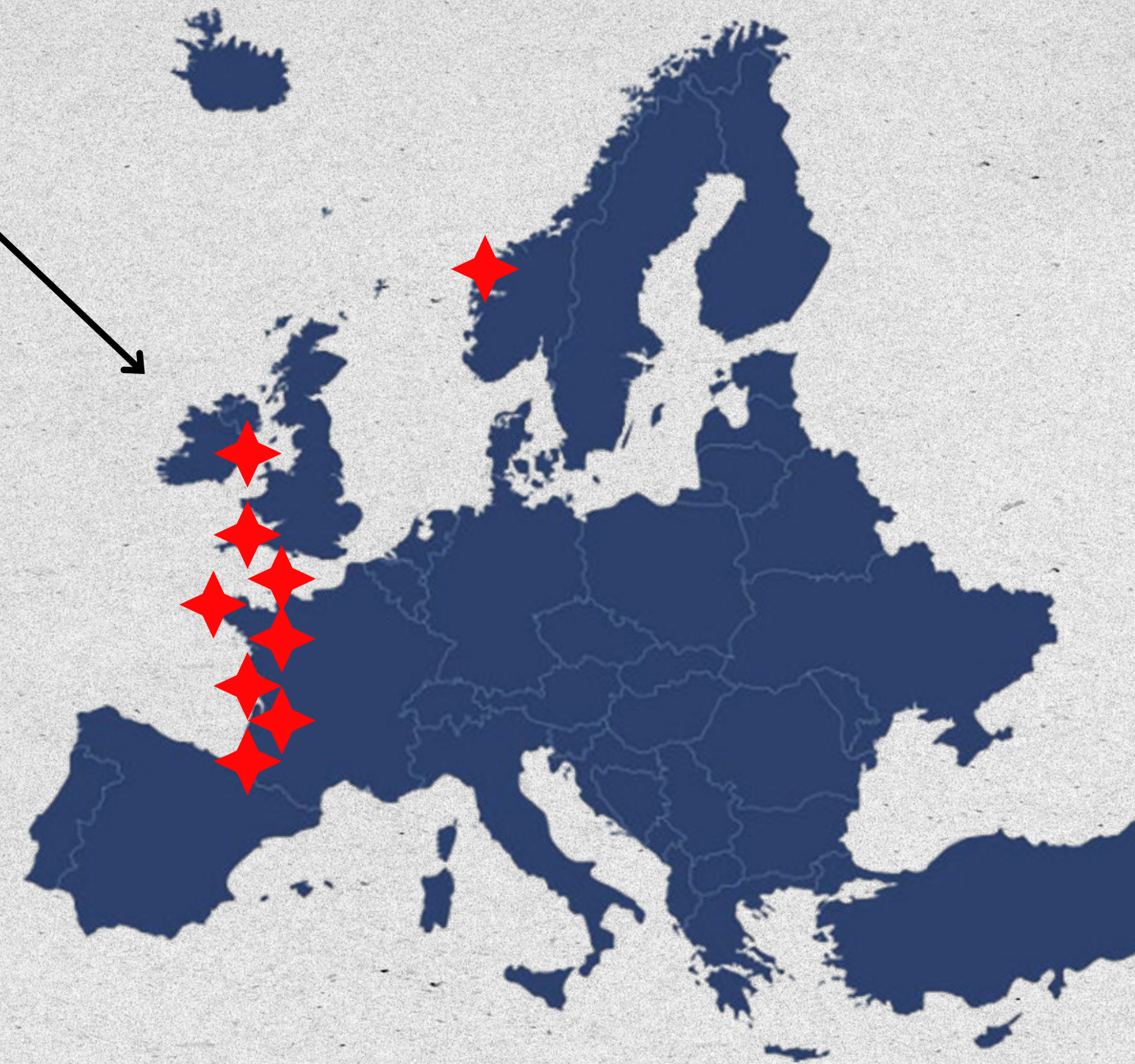
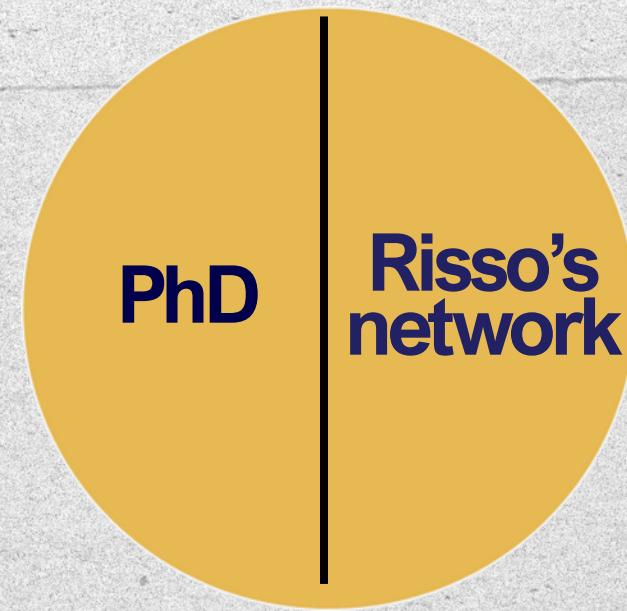
Understand a
key species

Unite actors &
coordinate actions

Collaboration

Connect regions,
issues &
populations

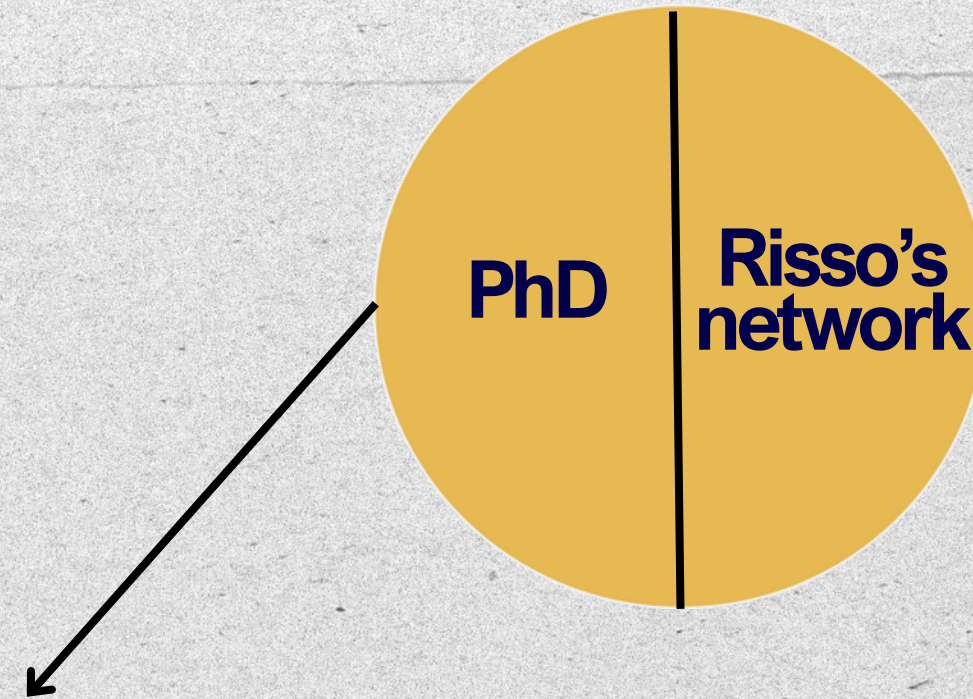
Develop sharing
standardisation
tools



EDRIM

Etude des Dauphins de Risso de la Manche *

* Risso's dolphins study in the English Channel

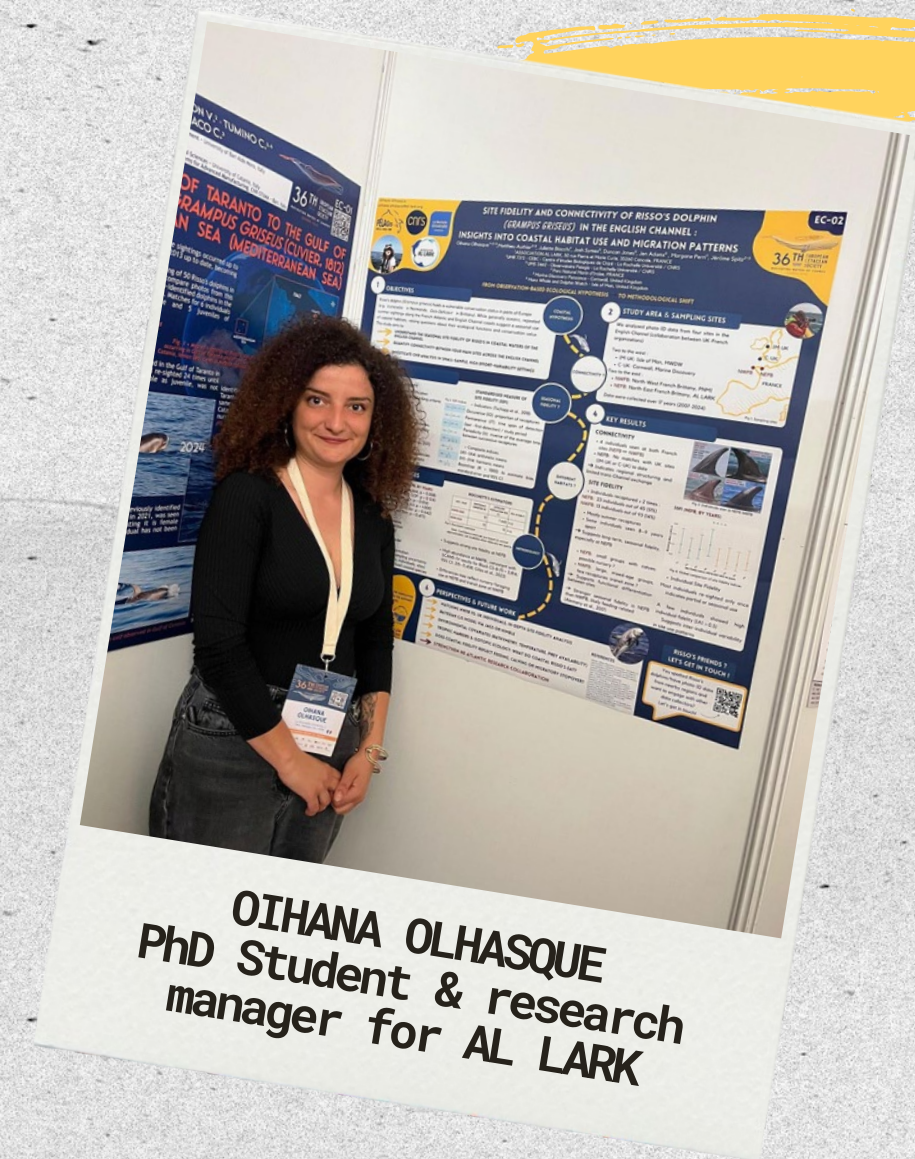


Site fidelity and connectivity of Risso's dolphin
in the English Channel :
importance of coastal habitat and migration patterns

AXIS 1
1st year

AXIS 2
2nd year

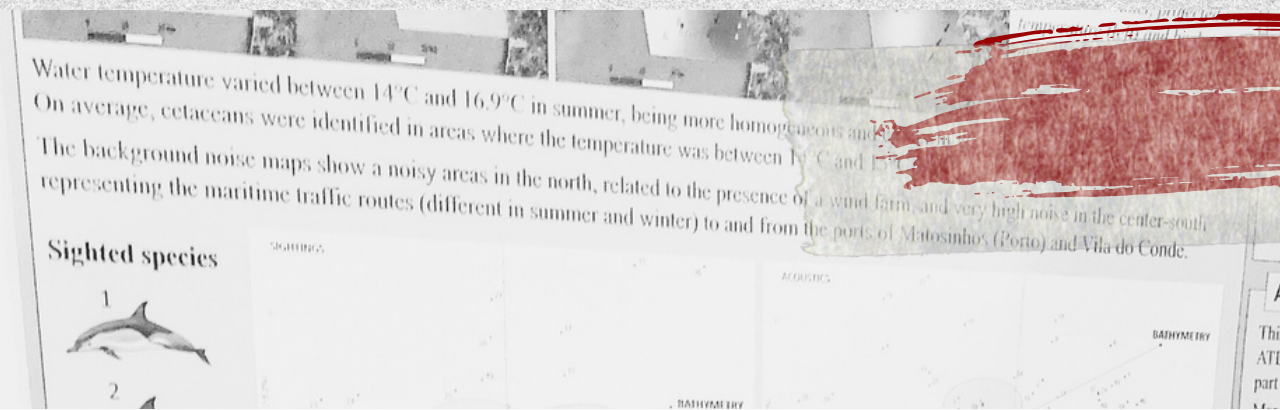
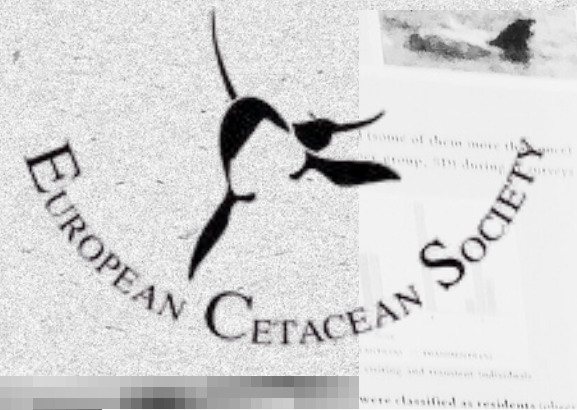
AXIS 3
3rd year



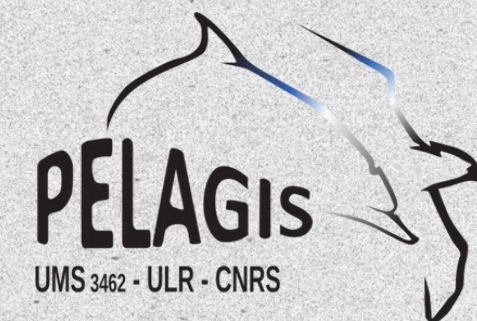
Where

the first foundations

were fitted

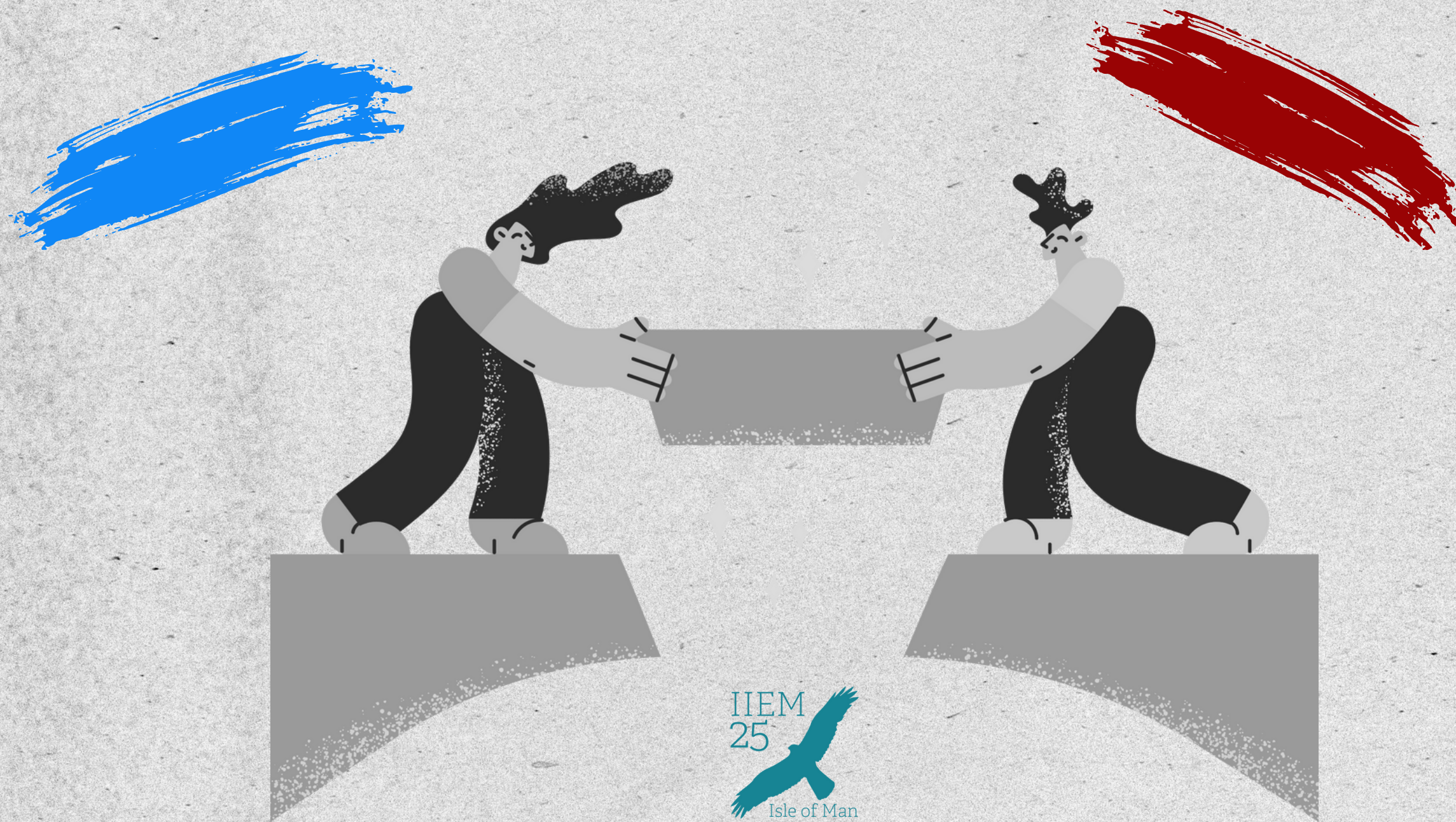


The shores



With which

connecting boards?



Step 1 : Google group

Step 2 : MoU



📍 Isle of Man, MWDW

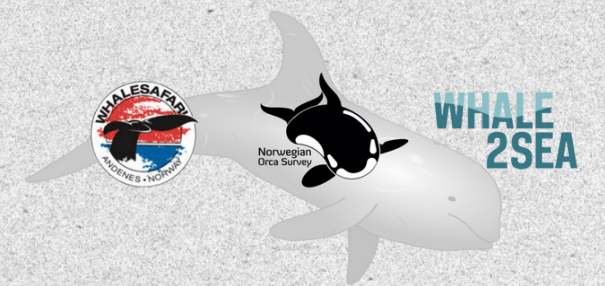
📍 Marine Discovery, Cornwall

📍 Norway, Alex Eckerle

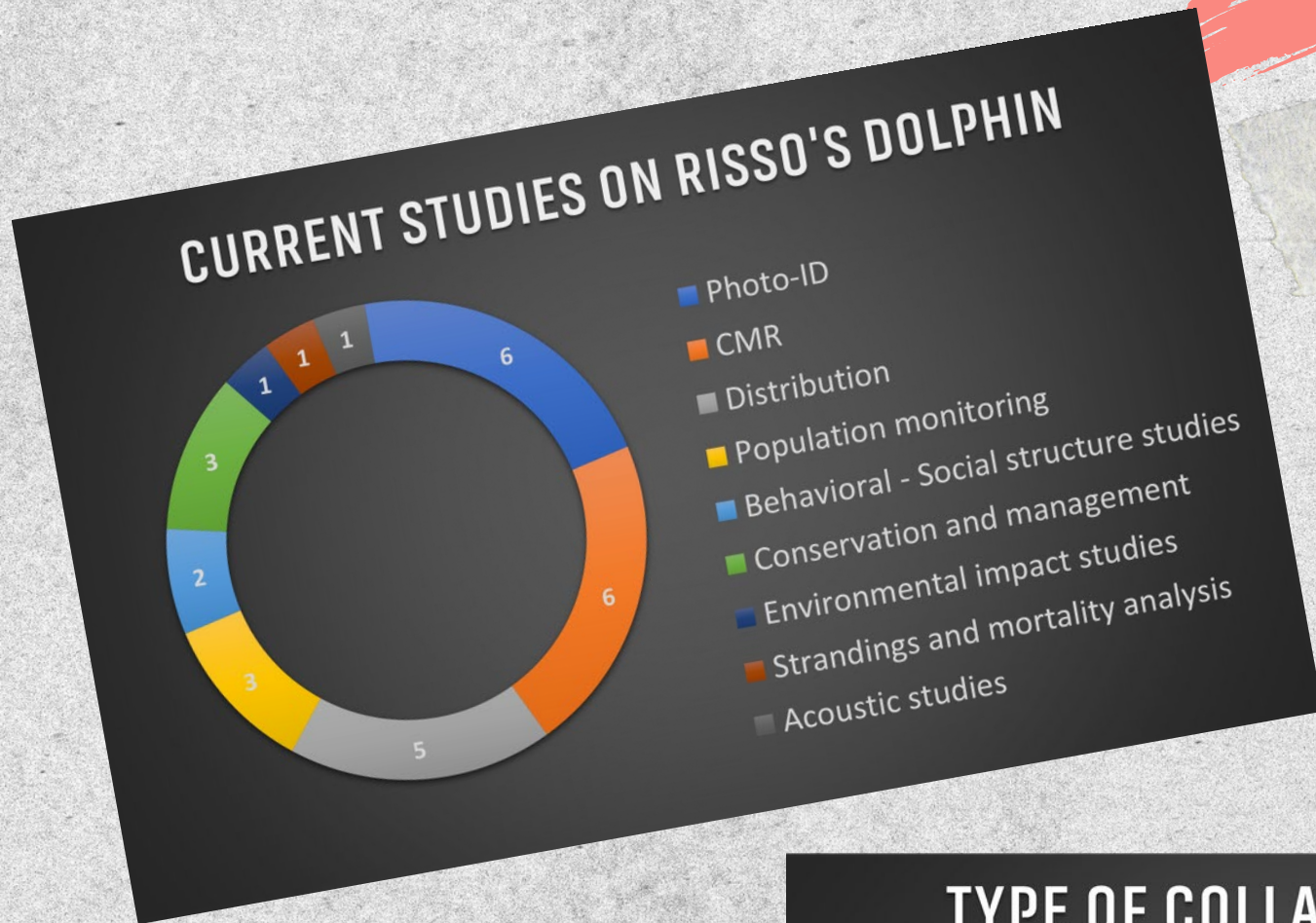
📍 Bay of Biscay: Pelagis, Apex Cetacea, One Ocean, Itsas Arima

📍 Normandy, GECC

📍 Gov. of Jersey, Alex Plaster



Step 3 : Form

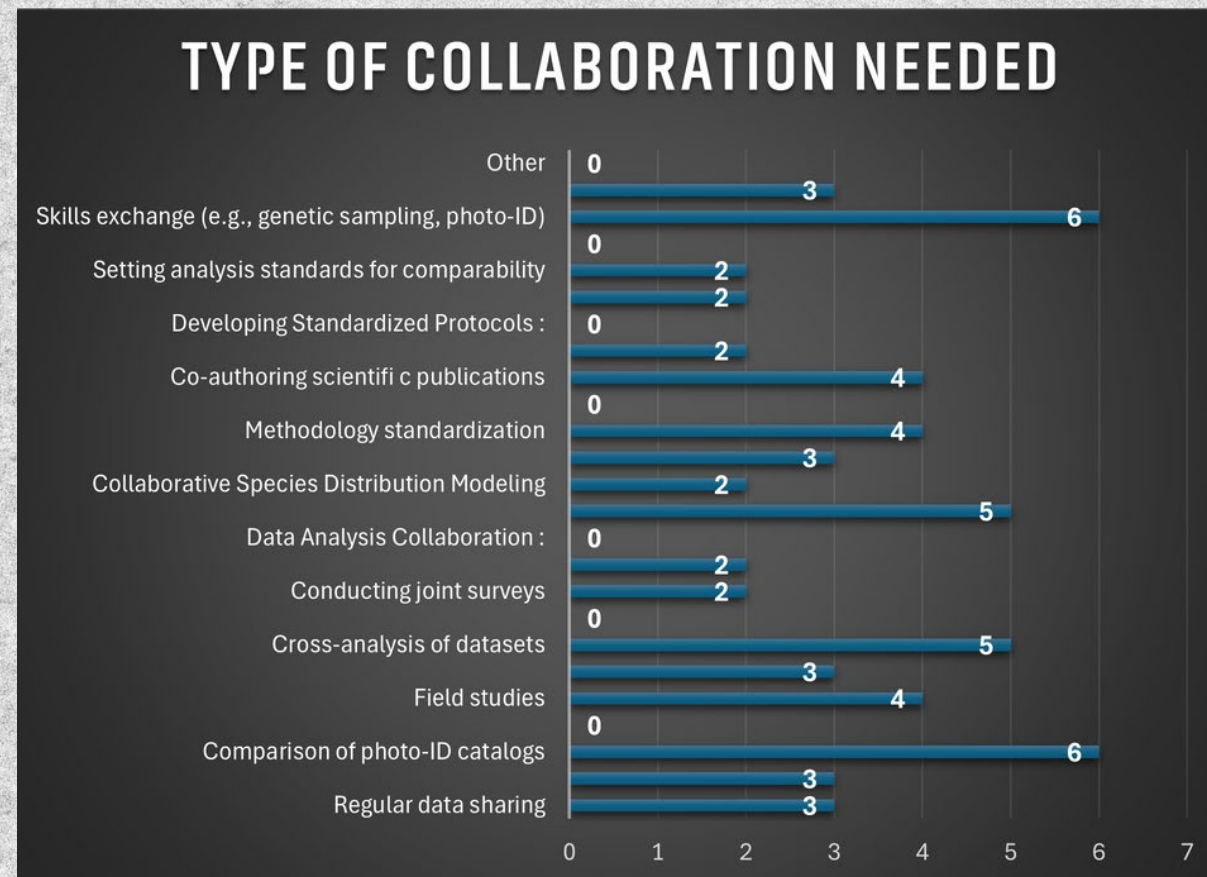


- 32 data providers detected and interested
- Only 8 answered the form and signed a MoU

First feedbacks

- Type of data needed :
 - Additional Photo-ID Catalogs
 - Comparison with other Photo-ID catalogs
 - Access to larger population estimates
 - Habitat and environmental data

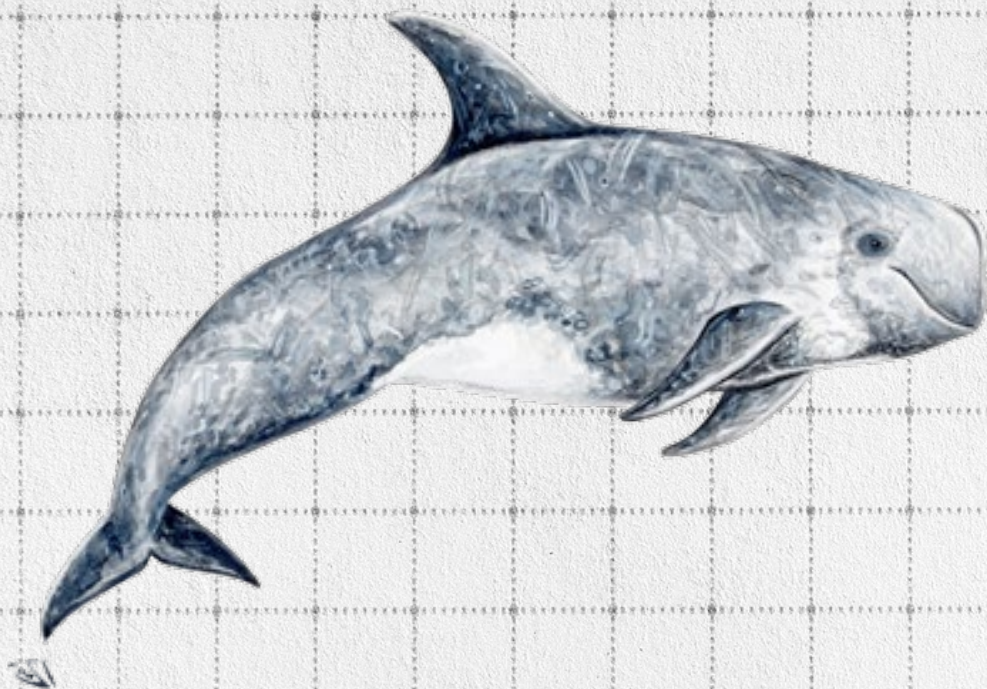
- Expectations regarding collaboration :
 - Open to share data with a signed agreement
 - Joint authorship
 - Long-terms partnerships
 - Data privacy



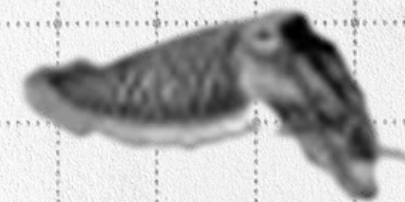
Step 4 : First results from collaboration

NWFB: North - West French Brittany, PNMI
NEFB: North - East French Brittany, AL
LARK

Slimy, yet satisfying!



Common cuttlefish
(*Sepia officinalis*)



NWFB : transit zone?

NEFB : possible nursery?

SEASONAL OBSERVATIONS
(JUNE > SEPTEMBER)

Step 4 : First results from collaboration

photo-id analysis

4 sites :

Two in the north :

- **IM-UK** Isle of Man, MMDW
- **C-UK** Cornwall, Marine Discovery

Two in the south :

- **NWFB** North-West French Brittany, PNM
- **NEFB** North-East French Brittany, AL LARK

Data were collected over 17 years (2007-2024)



Fig 1. Sampling sites

Connectivity



Fig 3. Individuals seen at NEFB-NWFB

- 4 individuals seen at both French sites (**NEFB** ↔ **NWFB**)
- NEFB: No matches with UK sites (**IM-UK** or **C-UK**) to date

→ Indicates regional structuring and limited trans-Channel exchange

Matching NWFB vs. UK individuals, IN-DEPTH Site fidelity analysis



Step 4 : First results from collaboration

CURRENT PERSPECTIVES :

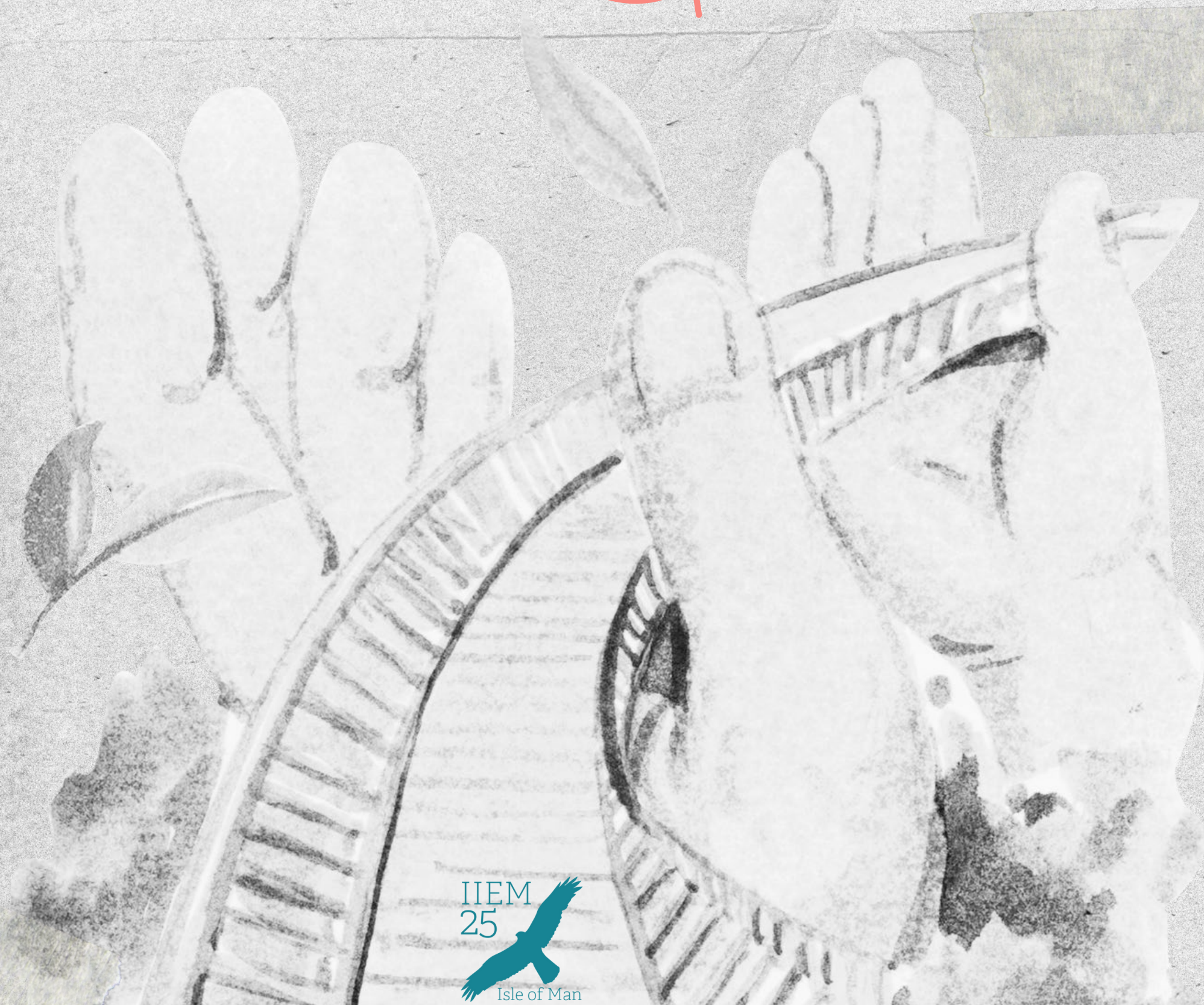
- Add environmental covariates (bathymetry, temperature, prey availability) to deeper analysis
- Trophic markers & Isotopic ecology : What do coastal Risso's eat?
- Does coastal fidelity reflect feeding, calving or migratory stopover?

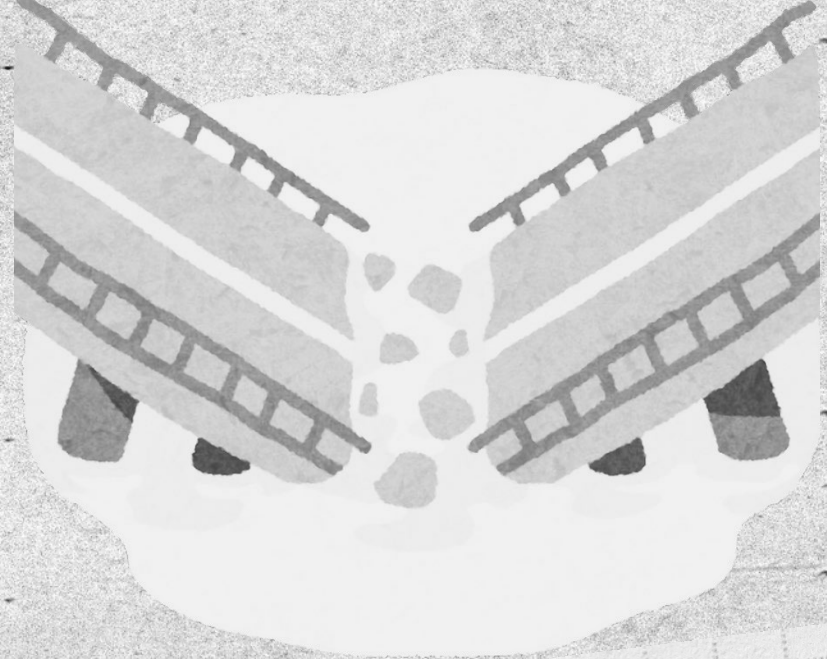


STRENGTHEN NE ATLANTIC RESEARCH COLLABORATION

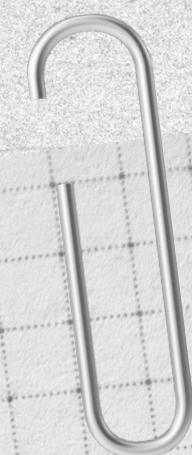
How to

check it holds





Potential difficulties



LIMITED TIME & BUDGETS

- Communication barriers
- Organisational disparities
- Different administrative rhythms
- Uneven levels of engagement
- Complexity of coordination
- Financial distribution challenges



FEARS OVER DATA SHARING & INTELLECTUAL PROPERTY



TEMPORARY COMMUNICATION & EXCHANGES TOOLS





Potential solutions



**CLEAR
COMMUNICATION**

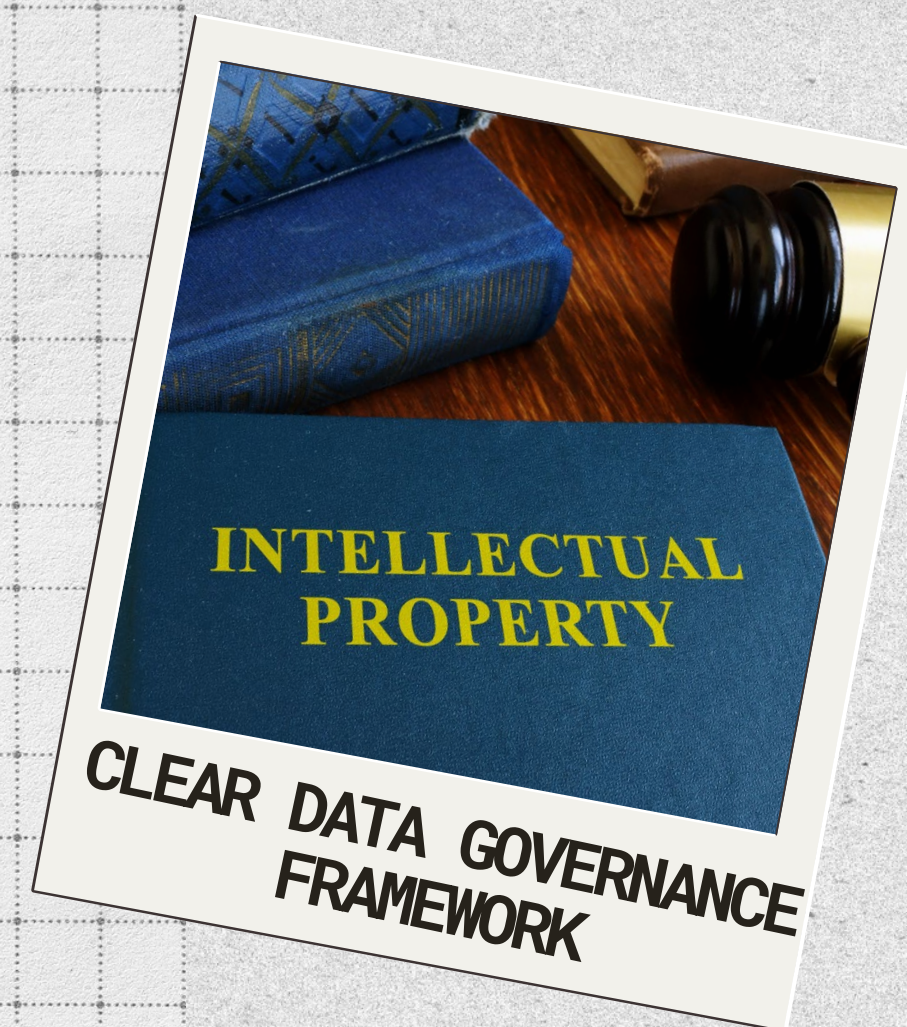


**SMART, DISTRIBUTED
GOVERNANCE**



**EUROPEAN OR CROSS-
BORDER PROJECTS?**

- Shared working charter
- Build a contribution matrix
- Create a shared administrative calendar,
- Data governance framework, CC licenses, data sharing gradual access?
- Permanent or rotating coordination?
- Adapted legal & contractual structure?
- Co- authorship!



**CLEAR DATA GOVERNANCE
FRAMEWORK**

Perspectives



EDRIM en un coup d'œil

Suite à la signature de la convention de partenariat avec l'OFB, le projet Rizzo fait peau neuve et arbore un nouveau nom : **EDRIM** l'Etu de Dauphins de Rizzo de la Manche.
Lancé en 2024, **EDRIM** a pour but d'apporter de nouvelles connaissances sur le Dauphin de Rizzo. Ce mammifère marin océanique, classé comme "Vulnérable" en Normandie et "Data Deficient" en Bretagne, présente une utilisation saisonnière des zones côtières, notamment sur le littoral breton et la façade métropolitaine Atlantique. Cette caractéristique



À la une : le point sur l'ECS 2024

La participation de l'association AL LARK au 35ème colloque de l'European Cetacean Society en Sicile a permis d'ancrer EDRIM dans une dimension participative européenne.
Les travaux sur les Rizzo ainsi que le projet de réseau européen ont été présentés au workshop ASCOBANS sur la protection des cétacés les moins connus de l'Atlantique Nord-Est, débouchant notamment sur de nouveaux partenariats avec la Norvège et le Royaume-Uni.

Collaboration internationale: l'actualité

NEWSLETTERS



COLLABORATIVE PLATFORM



ANALYSIS TOOL

36TH EUROPEAN
CONFERENCE CETACEAN
SOCIETY
NAVIGATING WATERS OF CHANGE
AZORES 2025

MWDW
Manx Whale and Dolphin Watch

Parc naturel marin
Iroise

ORCA

gecc
Groupe d'Étude des Cétacés du Cotentin
et des mammifères marins de la mer de la Manche

OneOcean^{LR}

Thank you for listening!

Réseau National Echouages

KEEP
ON
Gramping!

PELAGIS
UAR 3462 - LRUniv - CNRS

WHALESAFARI
ADRENALIN - NORWEGIAN
ORCA SURVEILLANCE

WHALE
2SEA

Marine
Discovery
Penzance

One bridge, many builders

cnrs

APEX
CETACEA

Government of
JERSEY

ITSAS ARIMA
L'ÂME DE LA MER

'Collaboration for
Greater Impact'

IEM
25
Isle of Man



ASSOCIATION
AL LARK

