NETCCOBAMS progress
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NETCCOBAMS is meant to:

- *Supports Parties, Scientific Committee, Partners and Industries to aggregate data regarding cetaceans, their habitats, and human activities representing a threat for conservation*

- *Use these data to enable science-based decisions for cetacean conservation.*

→ https://accobams.sinay.fr

Long term vision

ACCOBAMS challenges

INCREASE AWARENESS WITH / ON DATA

There is a huge amount of data that are under-explored about maritime activities, environment and cetaceans

Collect this data and share them is a huge challenge to bring awareness on threats to cetaceans

AGGREGATE DATA IN ONE PLACE

Retrieve in one place all data regarding targeted species monitoring, human activities & environmental impact

DATA SCIENTIFIC VALIDATION

Ensure to work and communicate about data that has been scientifically generated and analyzed

TAKE DECISION BASED ON INSIGHTFUL DATA

Enable governments of each signatory countries to generate concrete actions based on reliable data

INTRO: HOW NETCCOBAMS IS BUILT → SINAY PLATFORM

Artificial Intelligence

- Data Analytics
- Data Science

Data Collection At Sea

Data Catalog

Customer Data

Extract

Structure

Store

Visualize

Platform Administration

Cloud agnostic Management

Customer Application

Data Management

Dash Board

Real Time Alert

Topics addressed in the Platform

NOISE RISK

SEA TEMPERATURE

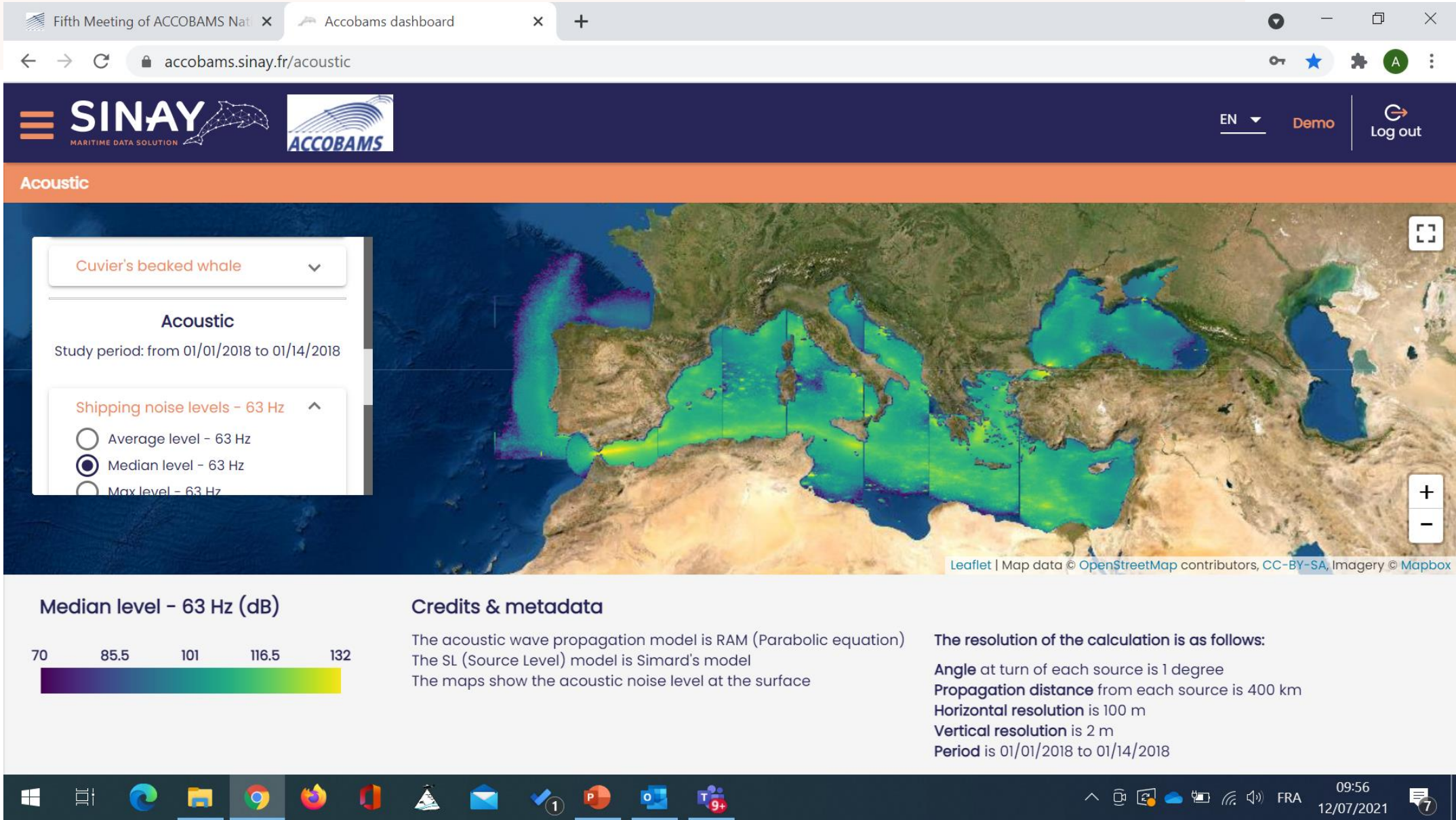
PLASTIC & POLLUTANTS

SUPPORTING SCIENCE-BASED DECISION MAKNG

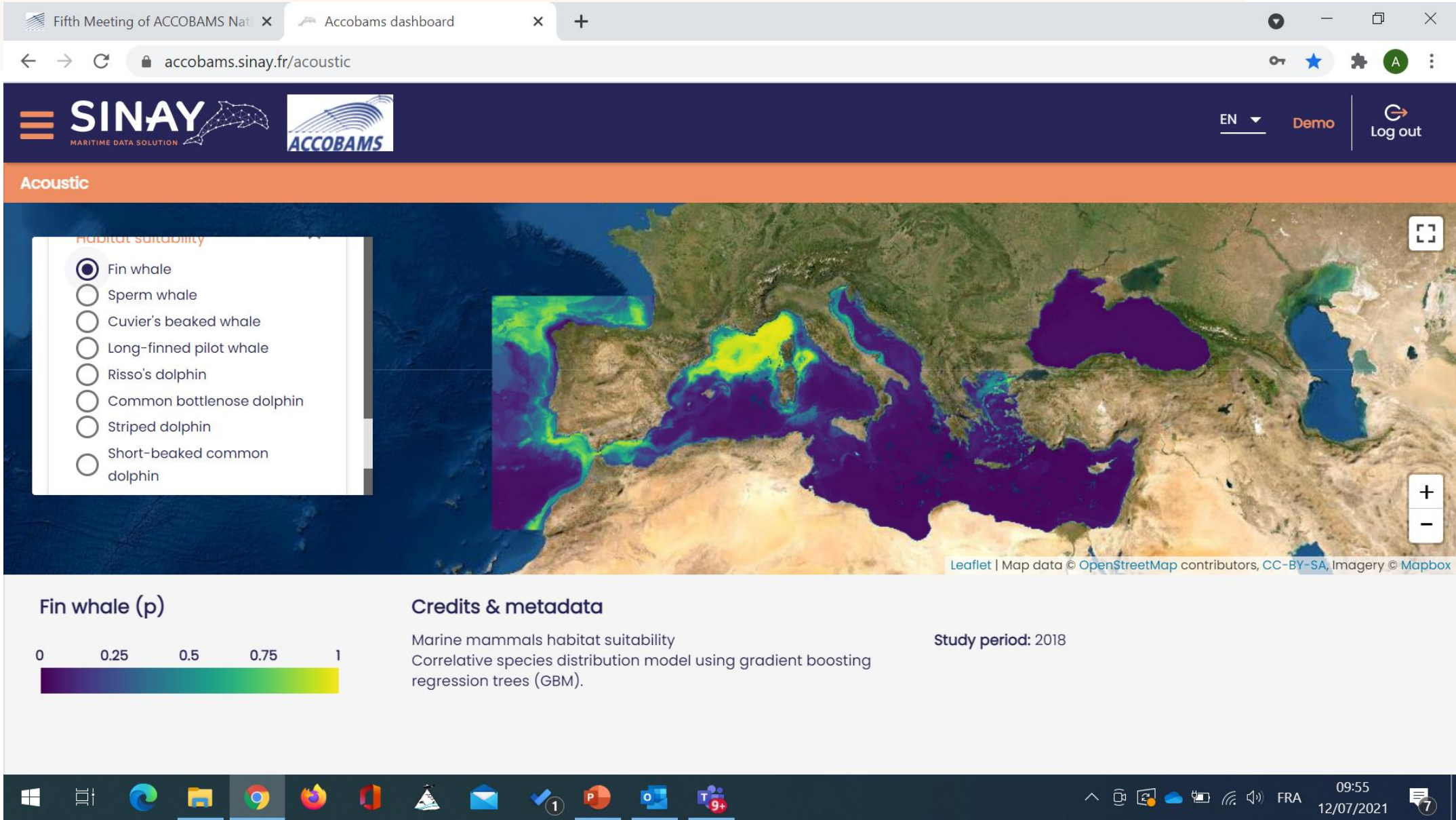
USERS:

1. **Administrators:** Secretariat for general administration of the platform
2. **Group of experts:** Add new data sets and contribute to co-construction workshop in a second step
3. **Parties and Scientific Committee**, **Partners:** to consult and **use** information
4. **Public:** Some information may be publicly available

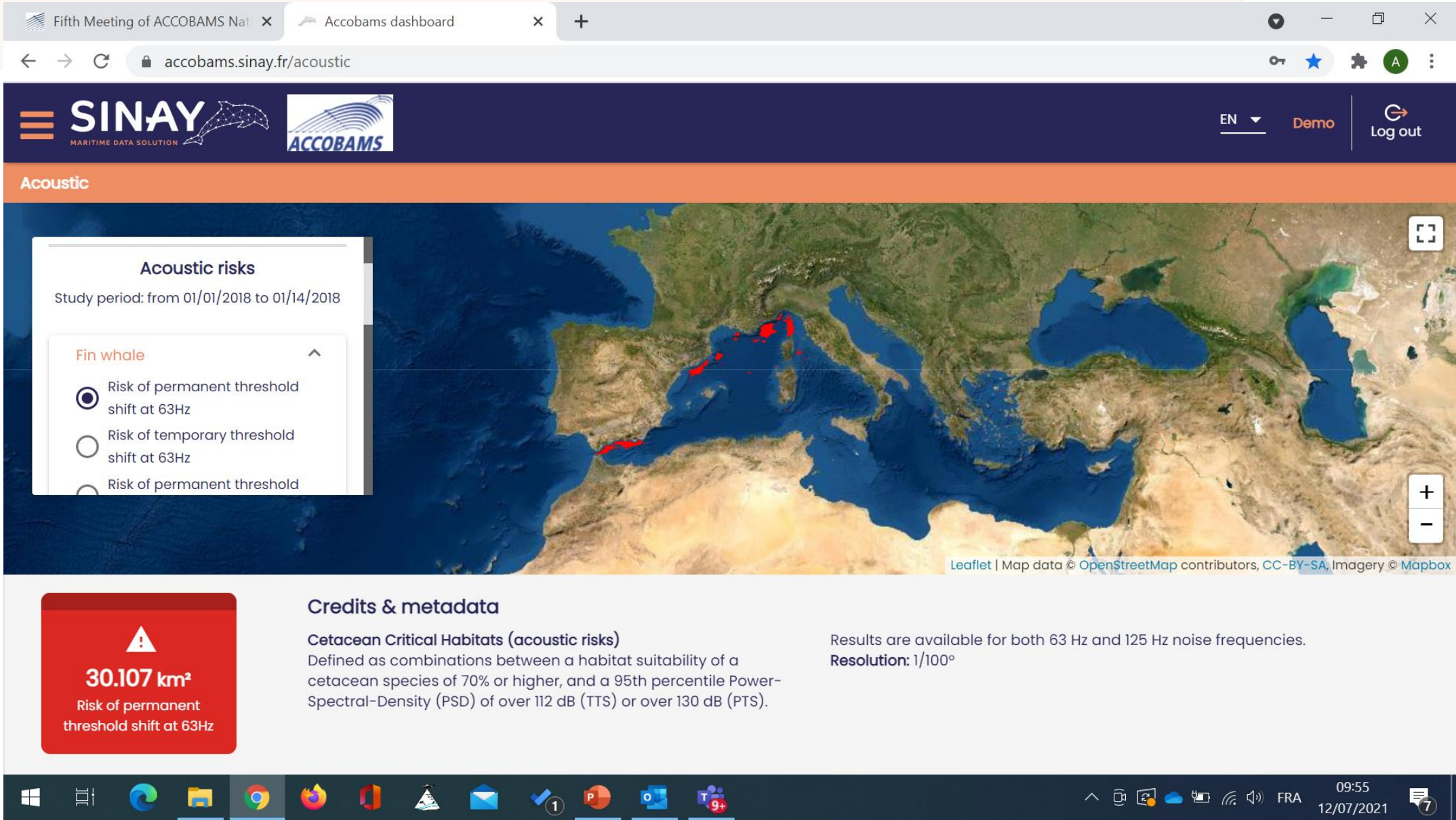
OVERVIEW- SHIPPING NOISE MAPPING



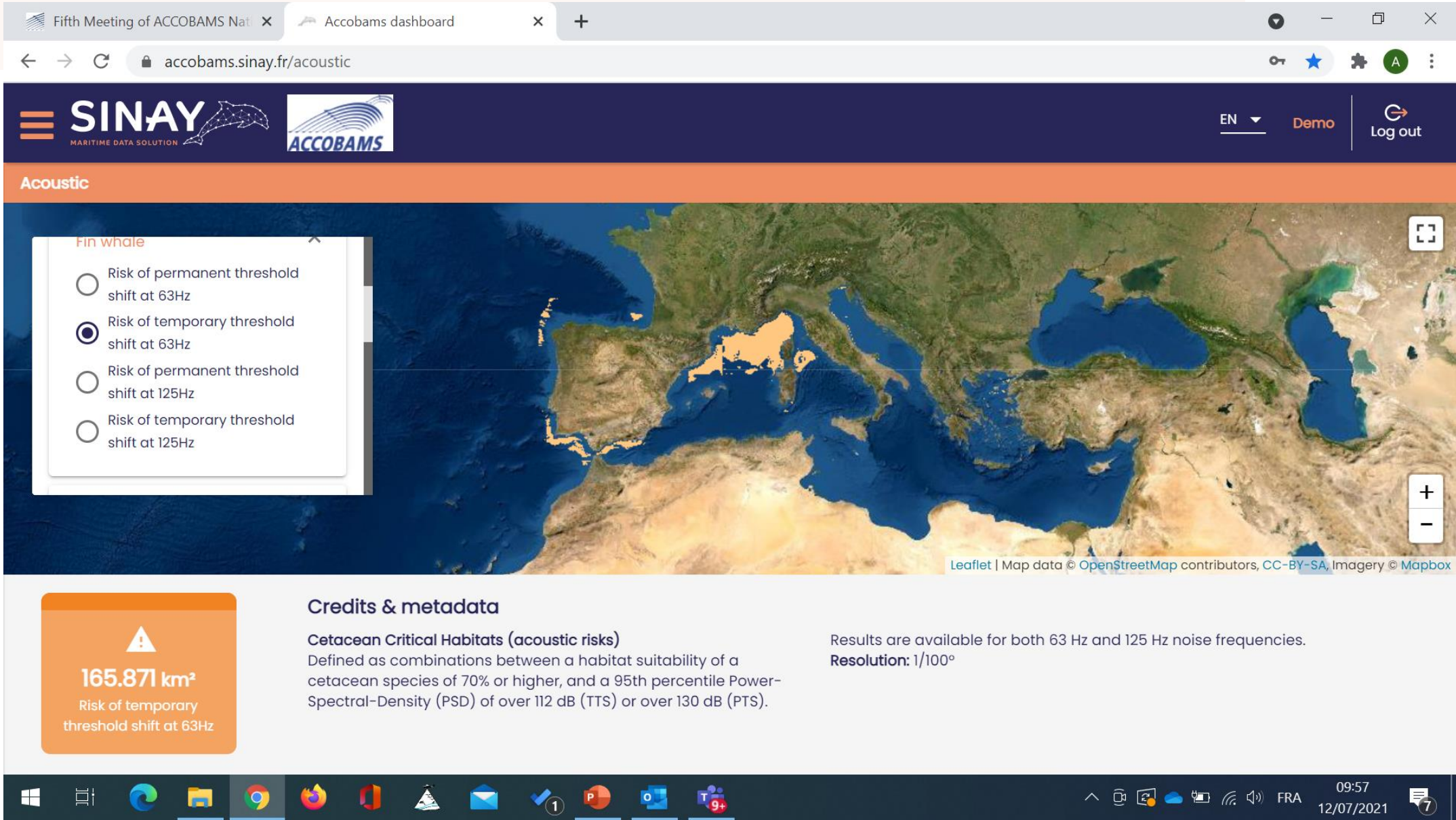
OVERVIEW- HABITAT MAPPING (interim)



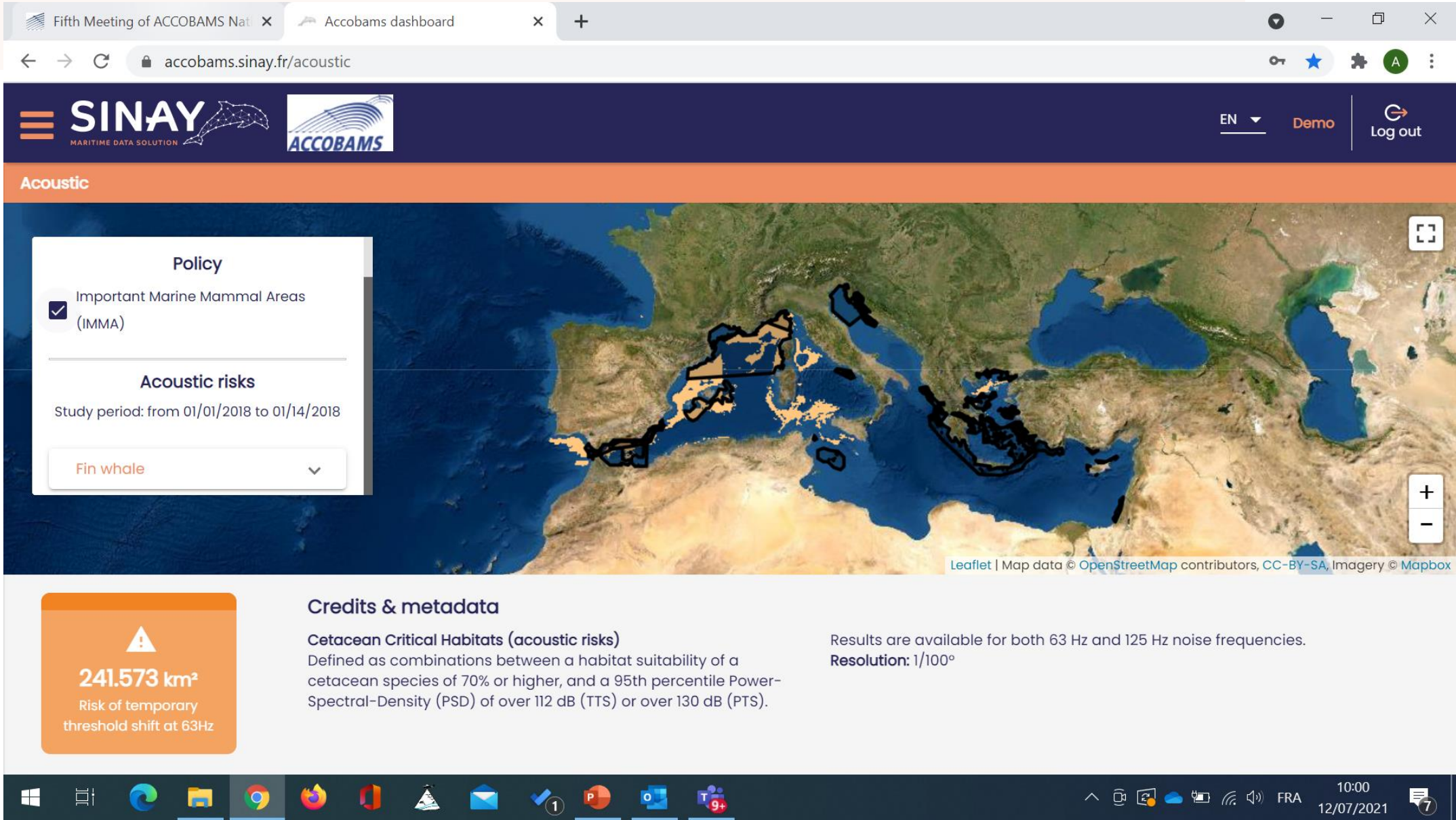
OVERVIEW – RISK AREAS: Permanent deafness



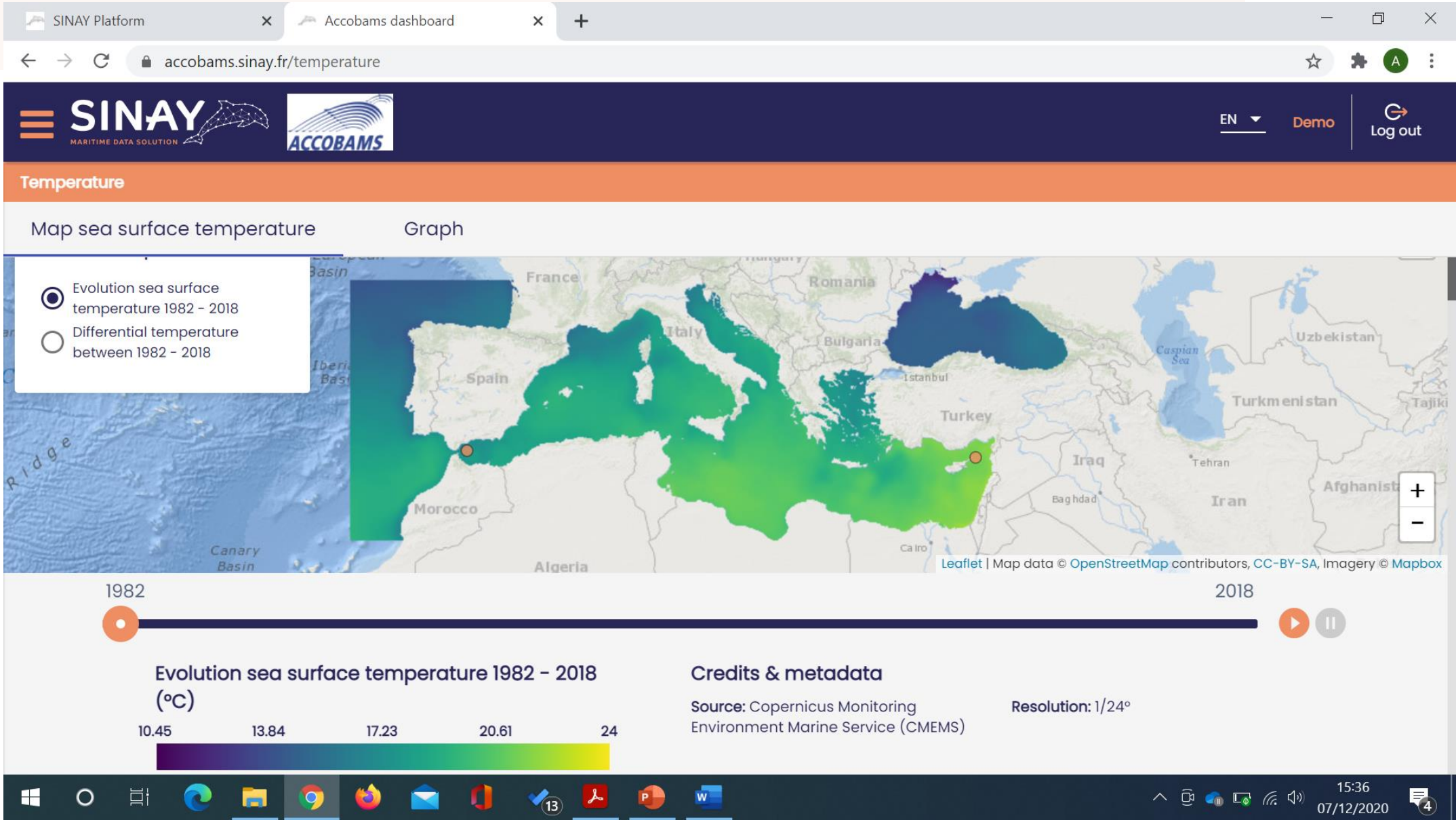
OVERVIEW- RISK AREAS: Temporary deafness



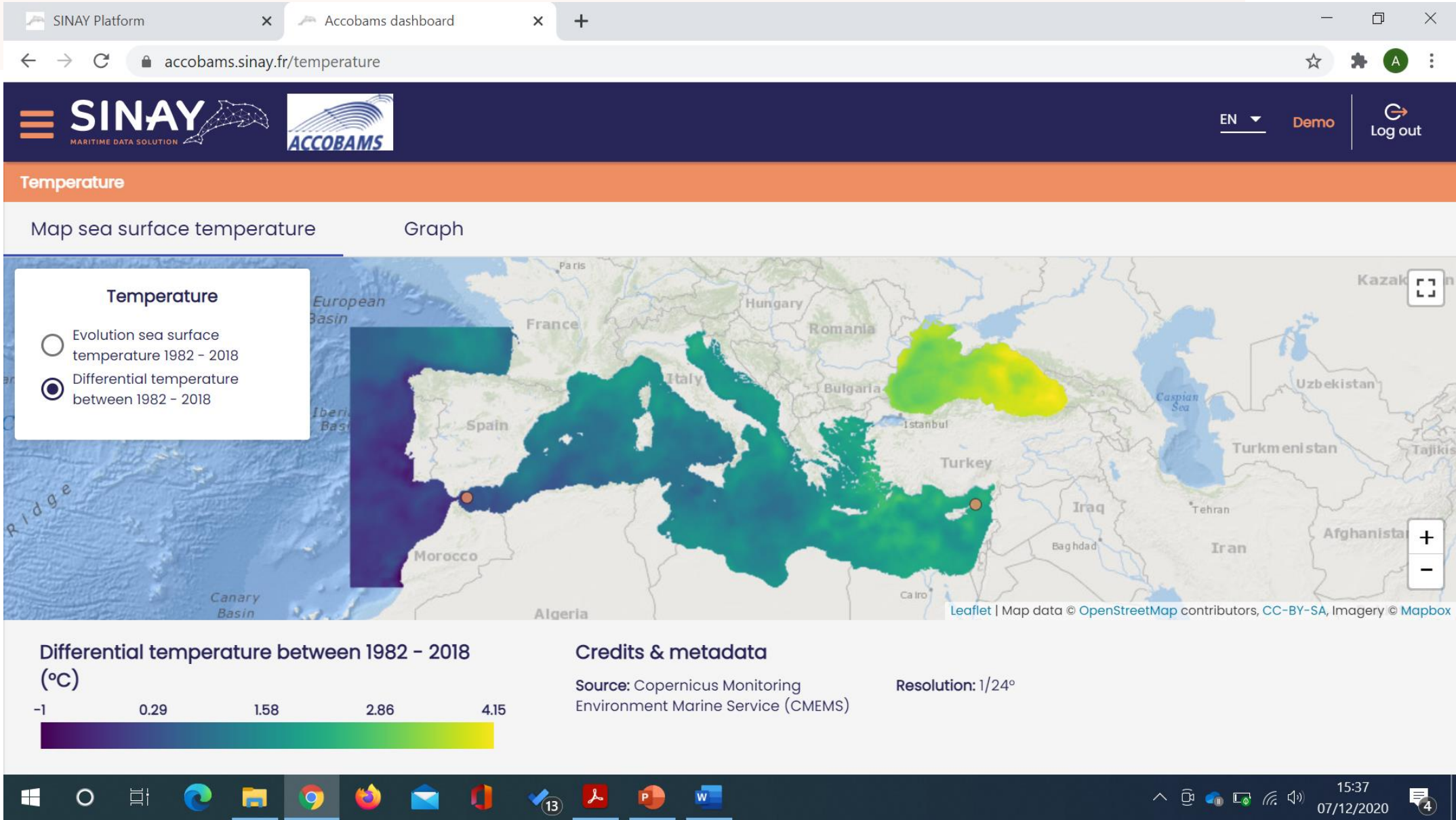
OVERVIEW – AGGREGATION OF DATA RELEVANT FOR THE ACCOBAMS COMMUNITY



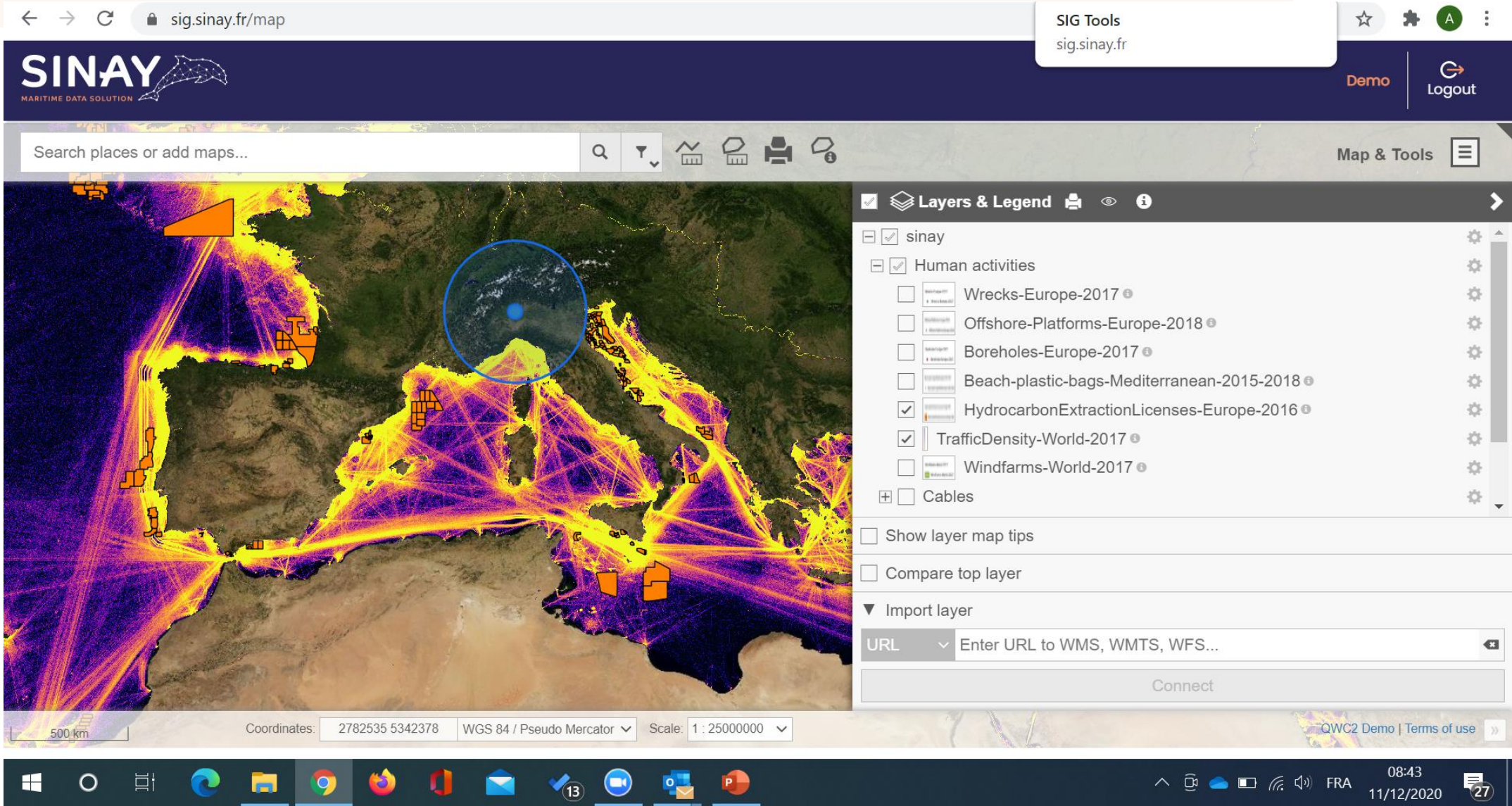
OVERVIEW – SEA SURFACE TEMPERATURE FROM SATELLITE SENSING



OVERVIEW – SEA SURFACE TEMPERATURE FROM SATELLITE SENSING



OVERVIEW – GIS Tool (Beta version)



NETCCOBAMS to date

Habitat maps:

8 species

Policy

1 map of IMMAs

Noise maps:

6 noise maps

1 season

Climate change

28 years SST maps

Acoustic Risk map:

12 risk maps

3 species

1 season

GIS tools

Hundreds of databases:

- Biology,
- Ecology
- Human activities
- Physical env.

NETCCOBAMS tomorrow

Habitat maps:

8 species

ASI maps

Noise maps:

6 noise maps

6 month update (& link to D11)

Policy

1 map of IMMAs

More designated areas

Climate change

28 years SST maps

Yearly update

Acoustic Risk map:

12 risk maps

3 species

1 season

6 month update

Downloads

GIS tools

Hundreds of databases:

- Biology,
- Ecology
- Human activities
- Physical env.

More interactive

Management

Project search and visualisation

National Reports

GET AN ACCESS !

https://accobams.sinay.fr

(email to johan.bourdais@sinay.fr_ to get an account and access the platform)

…and give us a feedback

SINAY
MARITIME DATA SOLUTION

Thank you

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www.sinay.ai