



# 5<sup>th</sup> Conference on Cetacean Conservation in South Mediterranean Countries

Online, 13 - 15 April 2021

Host Country : Lebanon

**ACTIVITIES AND PROGRESS IN ASSESSING AND MITIGATING INTERACTIONS WITH FISHERIES**

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Mediterranean  
Action Plan  
Barcelona  
Convention



*The designations employed in this document do not reflect any ACCOBAMS position concerning the legal status of any country, territory or area, or concerning the delimitation of their frontiers or boundaries.*

## Mitigating dolphin depredation in Mediterranean fisheries

To pursue the activities related to the **assessment of depredation**

- in **purse seine fisheries** in Morocco and Tunisia
- in **small-scale fisheries** in Andalucía (Spain), in Sicily (Italy) and Malta

To **test different mitigation measures** (strengthened fishing gears, different acoustic devices such as pingers or other innovative potential measures, such as lights, alarm systems, umbrella devices, etc.)



## Mitigating dolphin depredation in Mediterranean fisheries

**Asociación Herpetológica Española (AHE) &  
Instituto Español de Oceanografía (IEO) &  
Asociación de Naturalista del Sureste (ANSE)**

**MareCamp Association**



**Institut National de  
Recherche  
Halieutique (INRH)**

**Institut National  
d'Agronomie de Tunis (INAT)  
& Institut National des  
Sciences et Technologies de  
la Mer (INSTM)**

**Malta College of Arts,  
Science and Technology  
(MCAST) & Department of  
Fisheries and Aquaculture  
(DFA)**



## Mitigating dolphin depredation in Mediterranean fisheries

### 1<sup>st</sup> component: Ensuring technical solutions/mitigation measures to limit depredation

- Monitoring of cetacean populations
- Analysis of the interaction
- Testing mitigation technologies

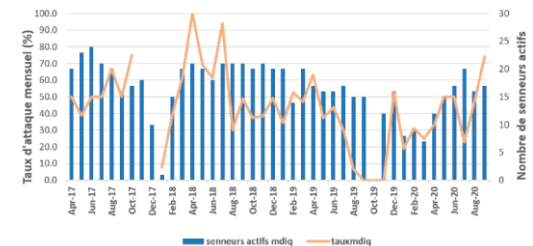
➡ *Technical and management recommendations to reduce the impact of depredation*



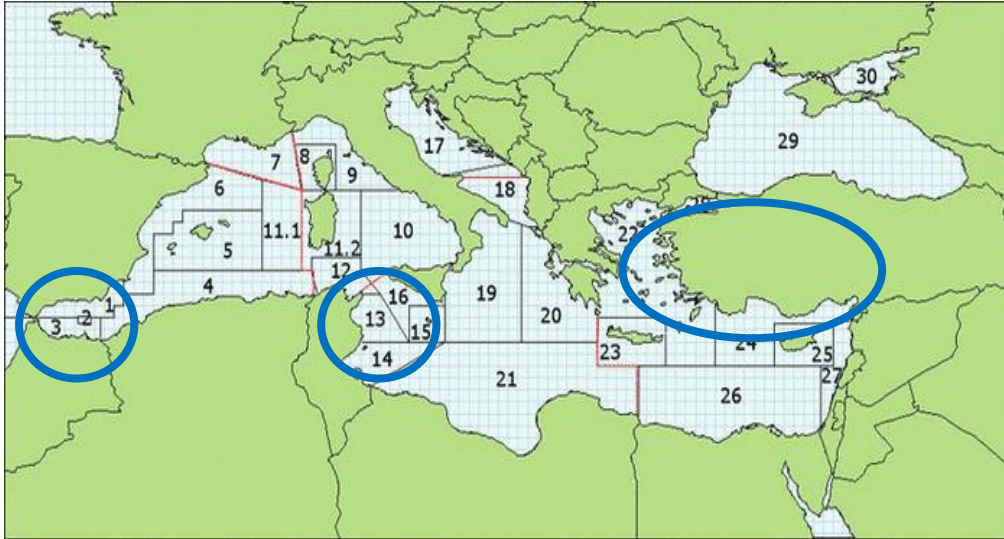
### 2<sup>nd</sup> component: Replication and scaling-up at Mediterranean level

- State of depredation in the Mediterranean fisheries
- Development of a standardized monitoring methodology
- Promoting exchanges of experience and lessons learnt

➡ *Best practices and recommendations*



## Phase1: 2017-2020



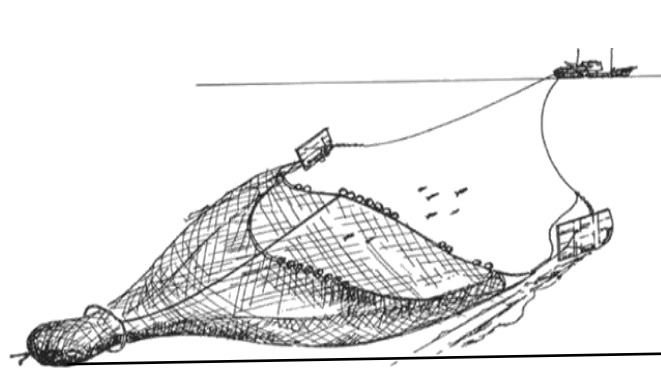
- ❖ 3 pilot countries: Morocco, Tunisia and Turkey
- ❖ 6 regional partners
- ❖ 9 national partners

➡ Aim: to develop and implement **a common standardized methodology to collect data on bycatch following a multi-taxa approach** in view of testing mitigation measures

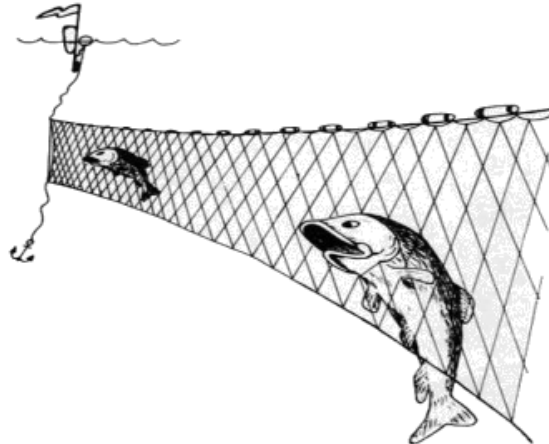


## Phase1: 2017-2020

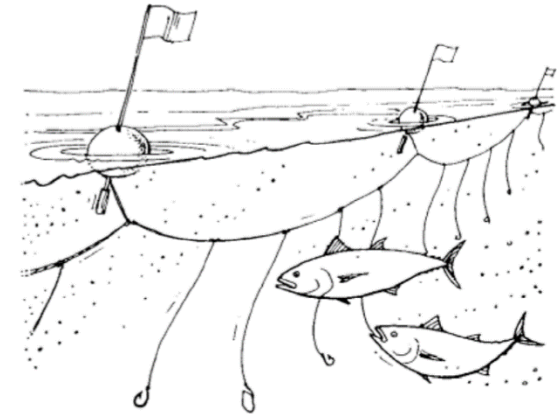
### Trawlers



### Gillnets



### Longliners



+ Purse-seiners (Morocco)

 42 OBSERVERS

 >300 OBSERVATIONS

 5 TAXA    

 43 PORTS

## Phase 2: 2020-2022



- ❖ 5 pilot countries: Croatia, Italy, Morocco, Tunisia and Turkey (France and Spain for policy/advocacy)
- ❖ 7 regional partners
- ❖ 14 national partners

- ❖ Conducting **trials of technical solutions/mitigation measures** that are effective in reducing the impact of bycatch on vulnerable species
- ❖ Informing and supporting the **development of policies** related to the bycatch of vulnerable species at national and regional level (e.g. European and Mediterranean)
- ❖ Building **capacities** and supporting fishers to apply measures to tackle bycatch of vulnerable species



# REVIEW OF AVAILABLE DATA ON CETACEAN BYCATCH IN STRANDING DATABASES

## Objectives:

- collect the available information on stranded cetaceans whose causes of death have been related to interactions with fishing gears,
- assess the methods used to determine the causes of death (external examination, post mortem examination...),
- identify the gaps to be covered in order to improve the future data collection.

## The Consultants:

Mr. Joan **GONZALVO** the Task Manager on Interactions with Fisheries of the ACCOBAMS Scientific Committee.

**Souad LAMOUTI** the Vice Task Manager

## Collaborators:

**Sandro Mazzariol & Cinzia Centelleghé** authors of “Evidence-based diagnostic assessment frameworks for cetacean necropsies on specific issues/threats” adopted as Resolution 7.14 by the Seventh Meeting of ACCOBAMS Parties





# REVIEW OF AVAILABLE DATA ON CETACEAN BYCATCH IN STRANDING DATABASES

## Activities

1. Preparation of the draft questionnaire to be used when contacting the coordinators of the national stranding networks or other national experts identified in collaboration with the Secretariat
2. **Contacts with the stranding network coordinators and other experts to disseminate the questionnaire and collect information**
3. Preparation of the outline of the report to be reviewed by the Secretariat
4. Preparation of the draft report to be reviewed by the Scientific Committee
5. Preparation of the final report taking into consideration SC comments





**THANK YOU FOR YOUR ATTENTION**