DiscardLess Conference, Lyngby-Denmark, 30-31 January 2019

Maps and Apps

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WP 4: <u>Adaptation of fishing strategies</u>: minimising unwanted catches

Main aim:

To identify the best locations, times and practices to fish to avoid unwanted catch using the knowledge from fisheries scientists in collaboration with fishers.

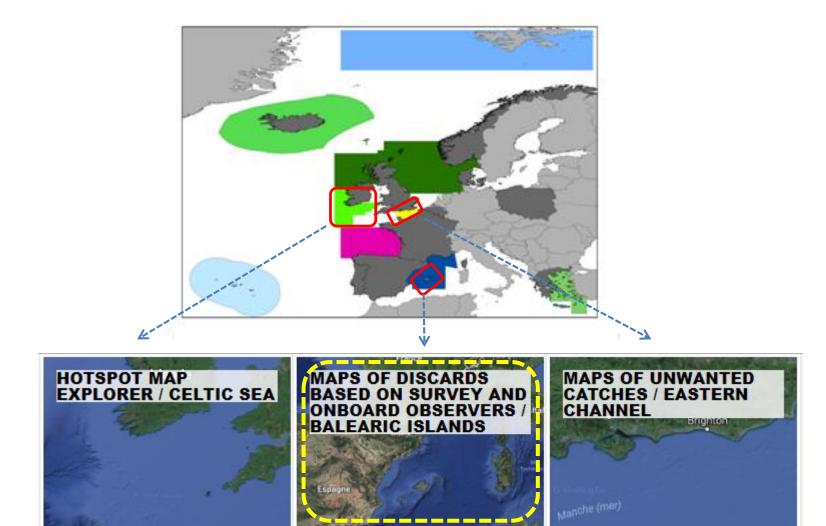
Maps showing the main areas with unwanted catches will be produced using information from commercial fishing activity and scientific surveys.







WP 4: Adaptation of fishing strategies: minimising unwanted catches



MAPS OF DISCARDS BOARD OBSERVERS / BALEARIC ISLANDS

Early summer

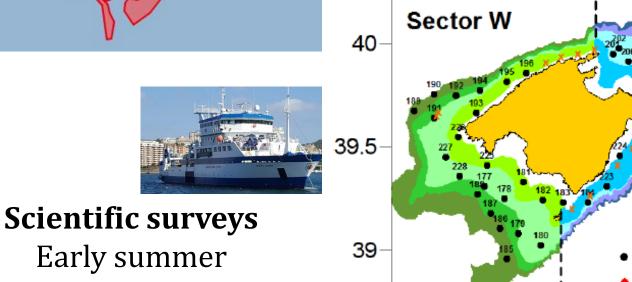
2001-2016

Information sources

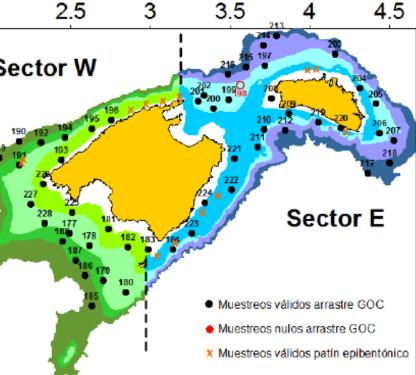
Onboard commercial sampling



All year round 2003-2016



2





Study species













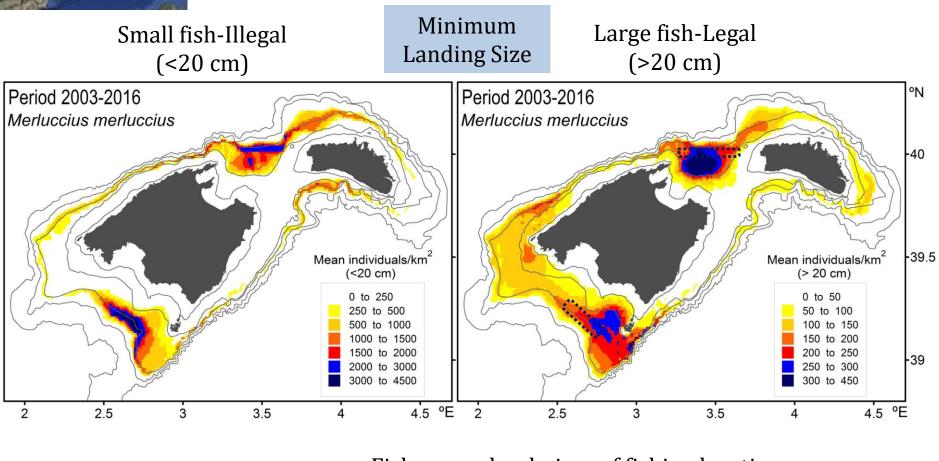


Species regulated by MLS in the Mediterranean and/or the most important commercial species for the bottom trawl fishery from the Balearic Islands



Distribution maps





Fishers: make choices of fishing locations

Support tools to assist

→ Managers: identify hotspots of recruitment



Disemination

Presented to fishers and managers from the Balearic Islands

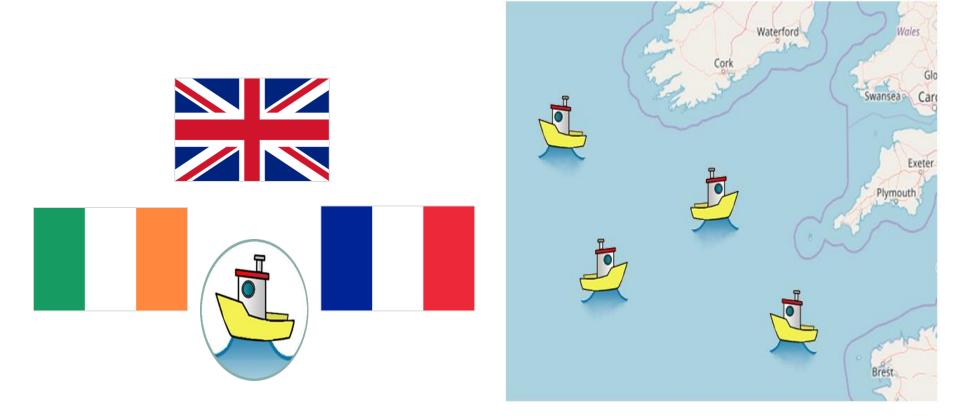


DiscardLess WP4

Support tools to assist Managers: identify hotspots of recruitment



Hotspot mapping in the Celtic Sea

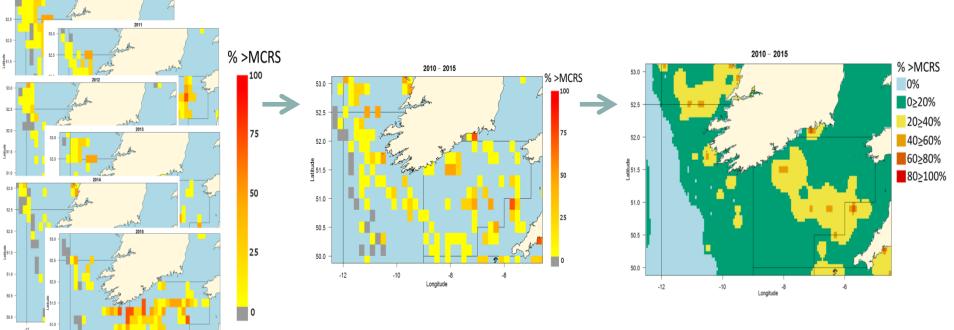




Hotspot mapping in the Celtic Sea

2010 - 2015

50.5



HOTSPOT MAP EXPLORER / CELTIC SEA

MAPPING APP

Bot Spot Map Explorer

Introduction Hotspot Maps

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CPUE Maps Proportion Maps

Apowersoft Screen Recerder

Select the species of interest, the size component of the catch, season and catch metric below to display the desired hotspot map;

Vessel type

TR1
Species
Cod
Size
Below MCRS
Season

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18	-12	-10	-8	-6	
	-12	-10	-0	-0	

Longitude

Levels of <MCRS cod CPUE (TR1)

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Мар Туре

Annual

CPUE	•
CPUE	
Proportion	

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Thanks a lot for your attention!



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