

ASCOBANS

Common dolphin group

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MSFD MARINE STRATEGY FRAMEWORK DIRECTIVE

SPANISH PROGRAMS – MARINE MAMMALS

PROGRAM	CRITERIA	METHODOLOGY
MT1 – COASTAL CETACEANS	D1C2-Ab / D1C4-Dist	<ul style="list-style-type: none">• Distance sampling (vessels and aircrafts)• Photo-ID
MT2 – OCEANIC CETACEANS	D1C2-Ab / D1C4-Dist	
MT4 – BYCATCH	D1C1-Byc	<ul style="list-style-type: none">• Fishery observers
MT5 – STRANDINGS	D1C3-Dem	<ul style="list-style-type: none">• Stranding networks
MT6 – ADDITIONAL DATA	-	<ul style="list-style-type: none">• Other



MT1 + MT2 ABUNDANCE PROGRAMS - NOR

**Distance sampling (vessel annually;
+ aircraft triennially + SCANS)**

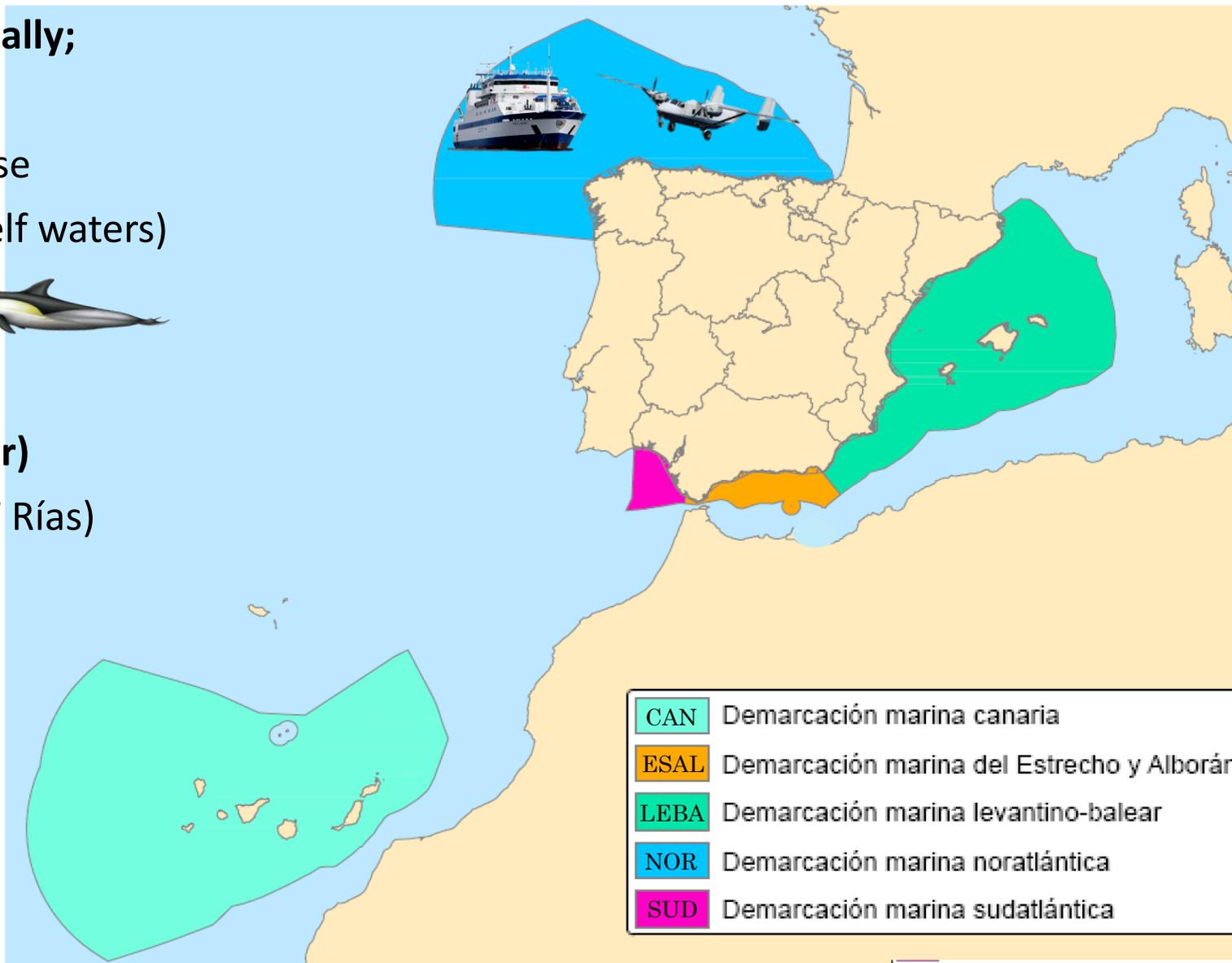
- AU1: Iberian Harbour porpoise
- AU3: Bottlenose dolphin (shelf waters)
- AU9: Common dolphin
- AU21: Fin whale



Photo-ID (annually: 2-3 per year)

- AU2: Bottlenose dolphin (SW Rías)

Some are already underway (e.g. vessel surveys since 2007 + SCANS) but most will start next year.



ARTICLE 17 MSFD 2019 - COMMON DOLPHIN

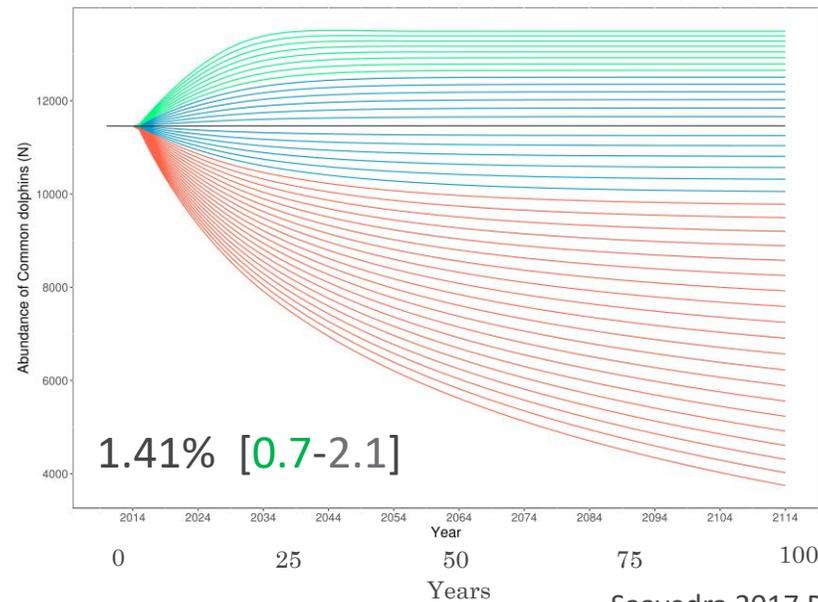
Subcontracted by the competent authorities - MITERD



Common dolphin - NOR D1C1 Bycatch

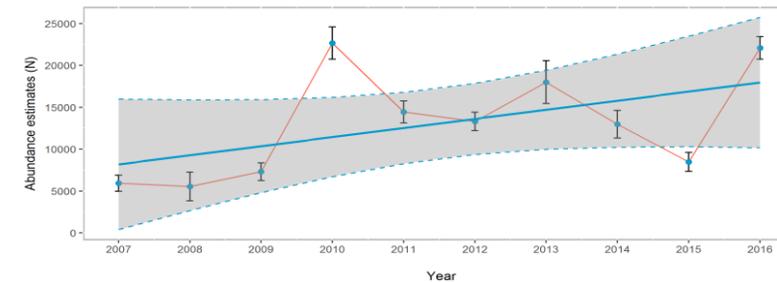
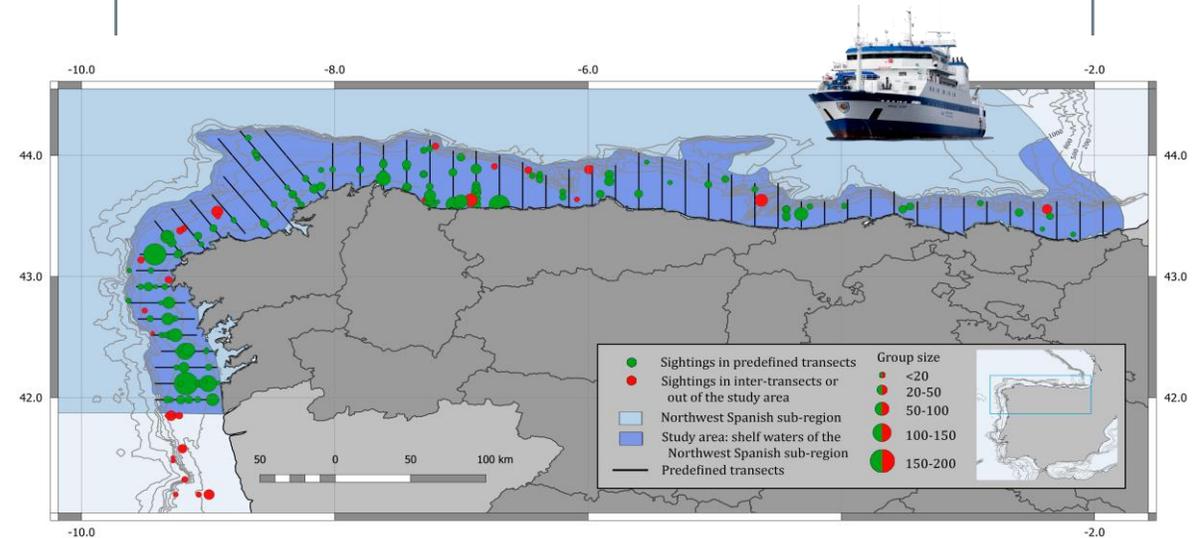


- GADGET – Data rich model built as intermediate step for a MRM/MICE fishery assessment model.



Saavedra 2017 PhD thesis

Common dolphin - NOR D1C2 Abundance



Saavedra et al. 2018 Prog. Oceanogr. 166:66-75



SPANISH MEASURES PLANNED UNDER THE EU/ICES EMERGENCY MEASURES REQUEST

MINISTERIAL ORDER (will come into effect from January 1st, 2021):

- Obligation to use pingers in the entire bottom trawl fleet in ICES areas 8 and 9aN (Bay of Biscay) – it includes pair trawlers and high-opening trawls – Spain does not have pelagic trawlers
- Increase in dedicated observers (pilot already underway)
- On-board camera pilot project
- Move on rules
- Landing of bycaught cetaceans
- ...

JOINT RECOMMENDATION (SP + FR + PT) similar measures.