ASCOBANS AC 27
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**Context**


The main objectives are:

**Abundance estimates and trend assessment** of the regularly occurring cetacean species by population-wide surveys

Provide outputs for Member States to report under the **Marine Strategy Framework Directive** (Article 8: due 2024), the **Habitats Directive** (Article 17: 2019 - 2024) and for **OSPAR/HELCOM** assessments.

Provide outputs for **impact assessments** of offshore industries and fisheries.

Development of a **governance framework** for future SCANS surveys conducted in 6-year cycles to ensure long-term implementation.
Project structure

Funding bodies*
- Denmark
- France
- Germany
- Netherlands
- Portugal
- Spain
- Sweden
- United Kingdom

Scientific project partners
- Aarhus University
- La Rochelle University
- University of Veterinary Medicine Hannover
- Wageningen Marine Research
- Instituto da Conservação da Natureza e das Florestas/University Aveiro
- Instituto Español de Oceanografía
- Swedish Museum of Natural History
- University of St. Andrews
- Joint Nature Conservation Committee

*can be several agencies per country
Survey area

Aerial surveys
- 8 planes (all P68s and 1 BN)
- Using regional (existing) survey teams where available

Shipboard survey(s)
- 1 vessel in 2022 (Ramón Margalef)
- Covering primarily offshore waters

- 1,75 Mio km²
- 44 blocks
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- 1,75 Mio km$^2$
- 44 blocks
- Transects, one replica: 57,000 km
Training & equipment setup in La Rochelle
Survey action & some “issues”

Fog in Scotland

Broken planes

Extreme heat in PT
Realised effort

- 28.06. - 15.08.2022
- 2\textsuperscript{nd} attempt NW Scotland: 07.-12.09.2022
- Spanish aerial survey ongoing (Sep 2022)
DRAFT Map
harbour porpoises

Note: this is a first incomplete preliminary overview.
Data validation is ongoing.
DO NOT use without consent of coordinator
anita.gilles@tiho-hannover.de
DRAFT Map
common dolphin

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And much more to come ....

~ 20 cetacean species
Pinnipeds
Turtles
Sharks
Sunfish
Tuna
Anthropo activities

... and, unfortunately, about 800 flocks of dead seabirds (bird flu summer 2022)
Next steps

**SCANS-IV**

**Data validation**

**Aerial surveys**

**Ship surveys**

**Dissemination of progress and results in relevant fora**

**Development future governance framework SCANS surveys**

**Final report**

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Thank you dream teams!!
Follow the SCANS-IV ArcGIS story map
[https://storymaps.arcgis.com/stories/6435641aed5745d1b2471e5e59e6af94](https://storymaps.arcgis.com/stories/6435641aed5745d1b2471e5e59e6af94)

In French waters
[https://storymaps.arcgis.com/stories/90250af8d1ff48be9a8a40ec63a8476c](https://storymaps.arcgis.com/stories/90250af8d1ff48be9a8a40ec63a8476c)

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**More questions?** Please contact Anita Gilles
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