

Noise – Section II.B.3.

Overview of the responses submitted via National Reports

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Overview and methods



- 9 Parties out of 10
- Reporting period: 1 January to 31 December 2020
- Noise (impulsive i.e. piling and continuous/ambient i.e. shipping)
- **One country = 1 point, the value represents the country**
- If 1 country gives two answers (ex: pressure increasing and decreasing), each answer would be worth 0.5 point, resulting in 1 point total

BE	Belgium	DK	Denmark
FI	Finland	FR	France
DE	Germany	LT	Lithuania
NL	The Netherlands	PL	Poland
SE	Sweden	GB	Great Britain

3.1. To which noise registers/databases has your country contributed to date?



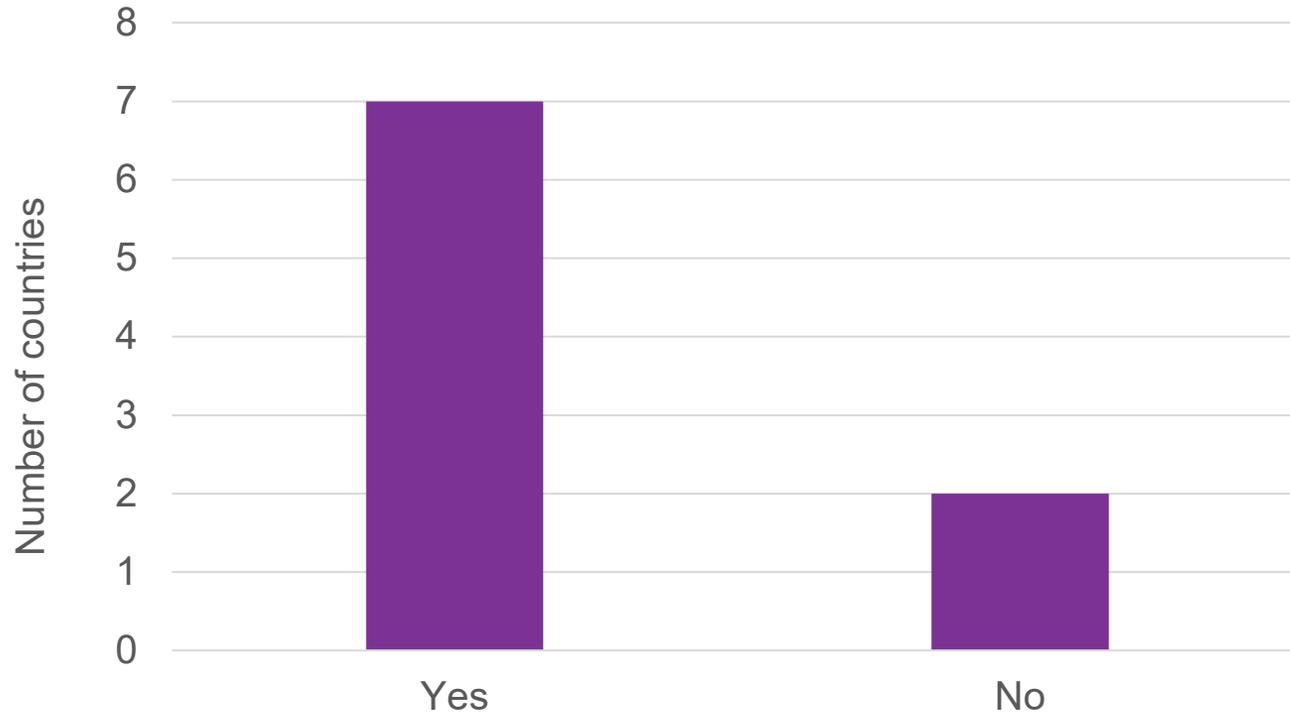
ICES Impulsive Noise Register (for HELCOM and OSPAR Parties):

- Yes = 8 countries
- No = 1 country (PL)

National Registry

- Yes = 8 countries
- No = 1 country (DK: continuous noise monitoring database)

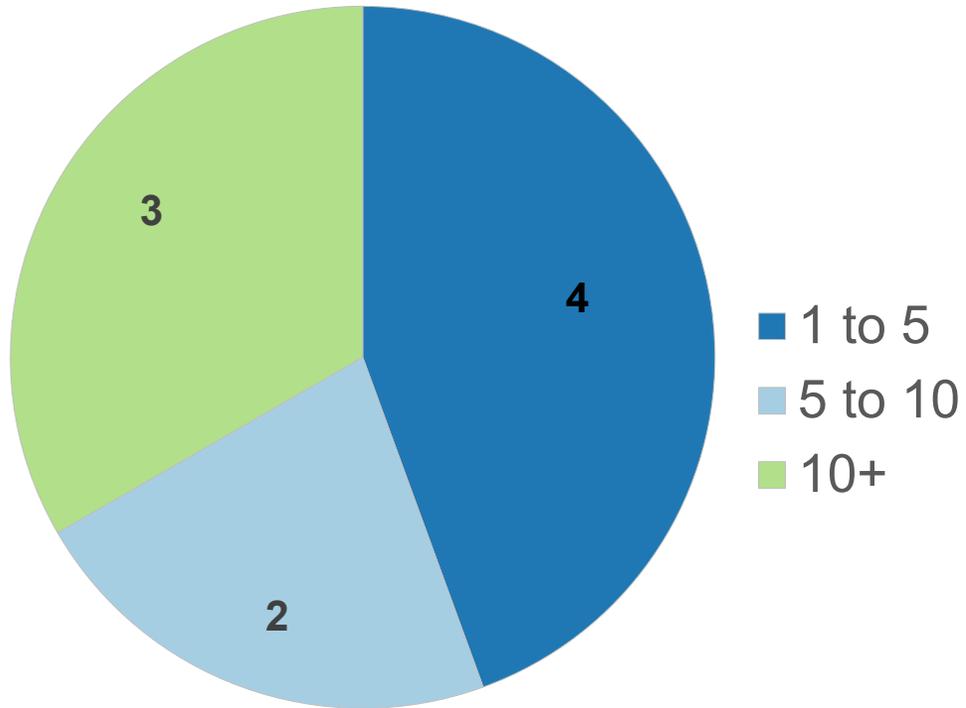
3.2. Any instances/issues in the reporting period including information on planned or completed significant development/activities?



- No instances: FI and PL
- Most instances listed were wind farm constructions

Figure 1 Number of countries with and without instances/issues on noise disturbance(s)

3.3. Relevant new research/work/collaboration on underwater noise in your country



- 1 to 5 resources listed: BE, FI, LT, PL
- 5 to 10: FR, DE
- 10 or more: DK, NL, GB

Figure 2 Countries listing different numbers of resources

3.3. Relevant new research/work/collaboration on underwater noise in your country



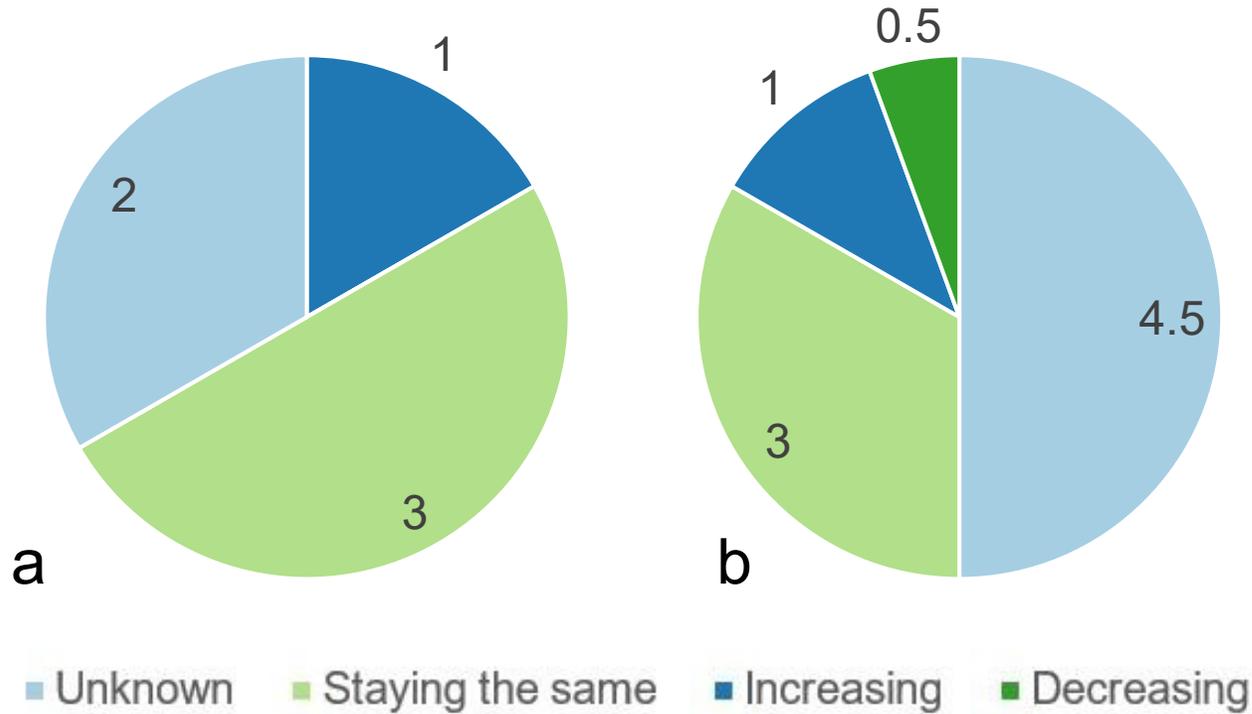
BE	DK	FI	FR	DE	LT	NL	PL	GB
Monitoring of underwater noise during construction & operation of offshore wind farms; monitoring of marine mammals.	30 publications and projects listed, incl. JOMOPANS, UWE, TANGO, SATURN; Harbor Porpoise Reaction to a 3D Seismic Airgun Survey in the North Sea; How loud is the underwater noise from operating offshore wind turbines?	2 resources listed: on underwater noise causes stress and on areas affected by underwater noise for MSP purposes and harmful reduction of impacts.	6 projects / resources listed incl. proposing a guide of Recommendations to limit impacts of manmade underwater noise; protection protocol during seismic campaigns; RAGES.	7 resources listed, incl. on classification and assessment of impulsive noise with and without noise mitigation measures, and noise during the impulse pile-driving procedure.*	2 reports listed from 2020, incl. investigation of continuous underwater and impulsive impact piling noise in Lithuanian marine waters. (5 listed from 2013-2019.)	21 projects / publications listed, incl. JOMOPANS, WoZEP Offshore wind energy ecological programme 2016-2023, SEANSE.	The data obtained during monitoring, along with the interpretation of the research results, were included in the final report from implementation of the work entitled "Pilot implementation of marine species and habitats monitoring".	34 projects/ publications listed, incl. BEIS Offshore SEA Research Programme, Methods for Monitoring for the Population Consequences of Disturbance in Marine Mammals.

3.4. Report on noise management for cumulative impacts



- 3 countries had no information available (BE, FI, PL)
- Reports and guidelines published quite recently available in some countries (FR, NL, LT, GB)
- Some countries await guidance on methodologies and thresholds from EU – TG Noise (DK)

3.5. State of the perceived level of pressure from underwater noise in your country?



- Not enough data to make figures for each species
- Focussed on Harbour Porpoise and then overall

Figure 3 Abundance of the perceived level of pressure from underwater noise in Harbour Porpoise (a) and overall across all species (b)

