

## **National Reporting Format for ASCOBANS**

**2016**

As outlined in ASCOBANS Resolution 8.1 on National Reporting, the national reports covering the year 2016 will cover the following Sections of the Annex to the Resolution:

- Section I
- Section II B3, B4, C8 and D15
- Section VII

The reports submitted will inform discussions at the 23<sup>rd</sup> Meeting of the Advisory Committee (5-7 September 2017, Le Conquet, France) and will tailor its agenda to focus on the topics selected for this national report.

### **Section I: General Information**

#### **Party Information**

##### **Name of Party**

France

##### **National Coordinator (Focal Point) for ASCOBANS**

Florian Expert,

Chargé de mission espèces marines,

Ministère de la Transition écologique et solidaire, Tour Sequoia 92055 La Défense

01 40 81 32 09

[Florian.expert@developpement-durable.gouv.fr](mailto:Florian.expert@developpement-durable.gouv.fr)

##### **Contributors to the report**

Florian Expert

##### **List of relevant national institutions**

Ministère de la Transition écologique et solidaire

Ministère de la Défense/ Marine nationale

Observatoire PELAGIS, UMS 3462 Université de La Rochelle-CNRS, La Rochelle  
**PELAGIS/ULR**

Laboratoire d'Etude des Mammifères Marins, Oceanopolis, Brest LEMM

Centre d'Etudes Biologiques de Chize, UMR 7372 CNRS/Université de La Rochelle, Institut du Littoral et de l'Environnement, La Rochelle, **CEBC**

Parc naturel marin d'Iroise, Agence des Aires Marines Protégées PNMI

Groupe d'Etudes des Cétacés du Cotentin : gecc@hotmail.fr

Service hydrographique et océanographique de la marine (SHOM)

**Section II: Habitat Conservation and Management (threats and pressures on cetaceans)**

**B. Disturbance (including potential physical impacts)**

**3. Noise (impulsive and continuous/ambient)**

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

- [ICES Impulsive Noise Register](#) (for HELCOM and OSPAR Parties): *yes, data to be sent in September this year*
- *National registry, please : Sirene national noise registry to collect impulsive noise emissions ; MAMBO national noise registry to collect ambient noise emissions.*
- *Other, please provide details:*

3.2) The perceived level of risk that underwater noise is posing to the favourable conservation status (FCS) of small cetaceans, i.e. is the pressure increasing, decreasing, staying the same or unknown:

3.3) Any notable instances/issues in the reporting period including providing information on planned or completed significant developments/activities, including the details of EIAs and monitoring in place before, during and after the project:

*Ministry of energy launched on July 11th 2011 a first project call for developing offshore windfarm capacities. This call represented a 3000 MegaWatt maximum power. This call aimed at reaching in 2020 a 6000 MW power by offshore windfarm. It represents 1000 to 1200 windturbines.*

*Winners are following areas and projects :*

- *Fécamp (Seine-Maritime, 498 MW), winner : Eolien Maritime France ;*
- *Courseulles-sur-Mer (Calvados, puissance 450 MW), winner : Eolien Maritime France ;*
- *Saint-Nazaire (Loire-Atlantique, puissance 480 MW), winner: Eolien Maritime France ;*
- *Saint-Brieuc (Côtes d'Armor, puissance 500 MW), winner : Ailes Marines SAS ;*

*These projects represent a total power of 2000 megawatts, with 7 billion euros investment.*

*A second project call was launched in march 2013 on two offshore windfarms. The 2 selected geographical areas are :*

- Near by commune du Tréport (Haute-Normandie)*
- Near by îles d'Yeu et de Noirmoutier (Pays de la Loire).*

<b>Development/ activity (e.g. windfarm)</b>	<b>Status (planned/ completed)</b>	<b>Environmental Impact Assessment (EIA)</b>	<b>Strategic Environmental Assessment (SEA)</b>	<b>Monitoring conducted</b>	<b>Further information on noise management</b>	<b>Region concerned</b>
<i>Parc éolien en Mer au large de Saint-Brieuc</i>	<i>Planned</i>	<i>Done</i>	<i>Done</i>	<i>not applicable</i> <i>(most concerned species : grand dauphin, dauphin de Risso, marsouin commun, phoque gris, Fulmar Boréal, Fou de Bassan, Plongeon Imbrin , Océanite tempête, plongeon Arctique)</i>	<i>Soft start</i> <i>Marine mammals monitoring before construction work</i>	<i><a href="http://www.eolienoffshoresaintbrieuc.com/fr/accueil">http://www.eolienoffshoresaintbrieuc.com/fr/accueil</a></i>
<i>Parcs Eolien de Dieppe-Le Tréport</i>	<i>Planned</i>	<i>Done</i>	<i>Undone</i>	<i>not applicable</i> <i>(most concerned species : grand dauphin, marsouin commun, phoque gris, phoque Veau-Marin, fulmar Boréal, mouette trydactyle)</i>	<i>Soft start</i> <i>Technique to reduce underwater noise from pile driving</i> <i>Infrared camera to spot marine mammals during construction phase</i>	<i><a href="https://dieppe-le-treport.eolien-es-mer.fr/">https://dieppe-le-treport.eolien-es-mer.fr/</a></i>
<i>Parc éolien de Noirmoutier</i>	<i>Planned</i>	<i>Done</i>	<i>Undone</i>	<i>not applicable</i> <i>(most concerned species : Guillemot de Troil, Océanite tempête, Goëland argenté, Mouette trydactyle, Plongeon Imbrin, Sterne Caugek, Puffin des Baléares, Fuligule Milouinan, Barge à queue noire ; dauphin commun, marsouin commun)</i>	<i>Project THERMMO to reduce risks related to noise impacts</i> <i>Real-time monitoring of marine mammals presence nearby construction works to reduce impacts</i> <i>Project SMART-PAMM to reduce risks related to noise impacts.</i> <i>Real-time acoustic monitoring</i>	<i><a href="https://iles-yeu-noirmoutier.eolien-es-mer.fr/">https://iles-yeu-noirmoutier.eolien-es-mer.fr/</a></i>

3.4) How is the pressure being managed, including a list of relevant regulations / guidelines and the year of implementation (current and planned):

*Guide d'évaluation des impacts sur l'environnement des parcs éoliens en mer Édition 2017*

- 3.5) *List relevant new research/work/collaboration:*
- 3.6) *Report on noise management for cumulative impact, including assessment of associated or coincidental activities, regulations and guidelines, seismic shot point densities and level of impact that was assessed and deemed acceptable:*

« *Sources et impacts du bruit sous-marin d'origine anthropique* » Report from the SHOM (Service Hydrographique et Océanographique de la Marine)

**4. Ocean Energy**

**Wind Energy**

4.1) *Please enter one table per wind farm.*

<i>Name of wind farm</i>	<i>Parc éolien en Mer au large de Saint-Brieuc</i>
<i>First operational on (if in planning, then please enter foreseen grid connection date)</i>	<i>2020</i>
<i>Output in megawatts per turbine</i>	<i>8</i>
<i>Number of turbines</i>	<i>62</i>
<i>How were the individual wind turbines installed in the seabed?</i>	<i>Pile-driving/suction bucket/ gravity foundation/ <u>tripod foundation</u>/ other, please specify:</i>
<i>Was scour protection added?</i>	<i>Unknown</i>
<i>Noise mitigation during construction used (multiple ticks possible)</i>	<i>Single bubble curtains (experiment on one or two turbines only)</i> <i>Time/area closures</i> <i>Soft start</i> <i>Marine mammals monitoring before construction work</i>
<i>If the wind farm is floating, how was it anchored?</i>	
<i>Additional information (optional):</i>	<i><a href="http://www.eolienoffshoresaintbrieuc.com/fr/accueil">http://www.eolienoffshoresaintbrieuc.com/fr/accueil</a></i>

<b>Name of wind farm</b>	<i>Parc éolien de Dieppe-Le Tréport</i>
<b>First operational on (if in planning, then please enter foreseen grid connection date)</b>	<i>2020</i>
<b>Output in megawatts per turbine</b>	<i>8</i>
<b>Number of turbines</b>	<i>62</i>
<b>How were the individual wind turbines installed in the seabed?</b>	<i>Pile-driving/suction bucket/ gravity foundation/ <u>tripod foundation</u>/ other, please specify:</i>
<b>Was scour protection added?</b>	<i>Unknown</i>
<b>Noise mitigation during construction used (multiple ticks possible)</b>	<i>Unknown</i>
<b>If the wind farm is floating, how was it anchored?</b>	
<b>Additional information (optional):</b>	<i><a href="https://dieppe-le-treport.eoliennes-mer.fr/">https://dieppe-le-treport.eoliennes-mer.fr/</a></i>

<b>Name of wind farm</b>	<i>Parc éolien de Noirmoutiers</i>
<b>First operational on (if in planning, then please enter foreseen grid connection date)</b>	<i>2020</i>
<b>Output in megawatts per turbine</b>	<i>8</i>
<b>Number of turbines</b>	<i>62</i>
<b>How were the individual wind turbines installed in the seabed?</b>	<i>Jacket foundation</i>
<b>Was scour protection added?</b>	<i>Unknown</i>
<b>Noise mitigation during construction used (multiple ticks possible)</b>	<i>Project THERMMO to reduce risks related to noise impacts</i>  <i>Real-time monitoring of marine mammals presence nearby construction works to</i>

	<p><i>reduce impacts</i></p> <p><i>Project SMART-PAMM to reduce risks related to noise impacts.</i></p> <p><i>Real-time acoustic monitoring</i></p>
<b>If the wind farm is floating, how was it anchored?</b>	
<b>Additional information (optional):</b>	<a href="https://iles-yeu-noirmoutier.eoliennes-mer.fr/">https://iles-yeu-noirmoutier.eoliennes-mer.fr/</a>

**Wave Power**

**Tidal Energy**

<p><i>Marine tidal power Raz Blanchard</i></p> <p><a href="http://www.energiesdelamer.eu/publications/51-hydrolienne/2754-hydrolien-feu-vert-pour-le-parc-pilote-dans-le-raz-blanchard">http://www.energiesdelamer.eu/publications/51-hydrolienne/2754-hydrolien-feu-vert-pour-le-parc-pilote-dans-le-raz-blanchard</a></p>
<p><i>Marine tidal power Bréhat</i></p> <p><a href="https://www.edf.fr/groupe-edf/producteur-industriel/energies-renouvelables/energies-marines/energie-hydrolienne">https://www.edf.fr/groupe-edf/producteur-industriel/energies-renouvelables/energies-marines/energie-hydrolienne</a></p>
<p><i>Marine tidal power Fromveur</i></p> <p><a href="http://france3-regions.francetvinfo.fr/bretagne/finistere/apres-une-annee-d-essai-au-large-de-ouessant-l-hydrolienne-sabella-sortie-de-l-eau-1048581.html">http://france3-regions.francetvinfo.fr/bretagne/finistere/apres-une-annee-d-essai-au-large-de-ouessant-l-hydrolienne-sabella-sortie-de-l-eau-1048581.html</a></p>

**Tidal lagoon/barrage**

4.5) *The perceived level of risk to favourable conservation status (FCS), i.e. is the pressure increasing, decreasing, staying the same or unknown:*

<b>Energy type</b>	<b>Status 2016 relative to previous years</b>
Wind energy	Increasing
Wave power	stable
Tidal energy	stable now, increasing in the future
Tidal lagoon/barrage	stable

4.6) *Any notable instances/issues in the reporting period*

4.7) *How the pressure is being managed, incl. relevant regulations / guidelines and the year of implementation (current and planned)*

[Guide d'évaluation des impacts sur l'environnement des parcs éoliens en mer Édition 2017](#)

4.8) *Relevant new research/work/collaboration*

**C. Habitat Change and Degradation (incl. potential physical impacts)**

**8. Unexploded Ordnance**

8.1) *To which registers/databases covering conventional and chemical munitions has your country contributed to date?*

[YES, OSPAR Registry for 2016 \(Excel file attached to this report\)](#)

8.2) *Please fill in table 8.2 (below) on unexploded ordnance, which except for the last four additional columns is the same as the OSPAR one. For explanation of terms see [http://www.ascobans.org/sites/default/files/document/AC22\\_Inf\\_4.6.c\\_OSPAR\\_MunitionsRec2010.pdf](http://www.ascobans.org/sites/default/files/document/AC22_Inf_4.6.c_OSPAR_MunitionsRec2010.pdf)*

8.3) *The perceived level of risk that unexploded ordnance and the management thereof is posing to the favourable conservation status (FCS) of small cetaceans, i.e. is the pressure increasing, decreasing, staying the same or unknown.*

8.4) *Any notable instances/issues in the reporting period.*

8.5) *How is the pressure being managed, incl. relevant regulations/guidelines and the year of implementation (current and planned)*

?

8.6) *Relevant new research/work/collaboration*

**D. Management of Cumulative Impacts**

**15. Marine Spatial Planning**

<i>Plan(s) in force</i>	
<i>Plan(s) in preparation</i>	<ul style="list-style-type: none"> <li>- <b>Coasts and Sea national strategy (includes MSFD and MSPD goals)</b></li> <li>- <b>Strategic Document for coastal regions that includes GES descriptors assessment, ecological stakes and targets for MSFD</b></li> <li>- <b>Carpediem project : cartography of marine ecosystems, human activities and pressures in order to define risk areas.</b></li> </ul>
<i>Further information, including links to online resources and maps where available</i>	<b>EU projects</b>

**Section VII: Other Matters**

**A. Other information or comments important for the Agreement**

Bycatch has become a compulsory criterion for GES definition for EU marine waters: list of species to be assessed and threshold values are to be agreed at (sub-)regional level. We acknowledge that, in 2017, annual report focuses on marine energy and noise and that bycatch will be treated more in depth in the 2018 report. . We remind here that cooperation under Ascobans would be much appreciated, in relation with OSPAR.

**B. Difficulties in implementing the Agreement**

Text box



Table 8.2 on Unexploded Ordnance (taken from OSPAR reporting format, with additional four columns at the end)

[Excel file attached to this report](#)