

## 5 PART 5: CONSULTATION

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### 5.1 Overview

1304. Under the Planning Act 2008 (as amended) consultation relating to an NSIP must be undertaken with statutory or prescribed bodies (under Section 42 of the Act), with local communities (under Section 47) and more widely through the general notification of a proposed application (under Section 48). An applicant must have regard to any relevant response received as a result of this statutory consultation when deciding on the application it will make to the Planning Inspectorate (Section 49).
1305. Section 37 of the Act requires all applications for a DCO to be accompanied by a consultation report which gives details of compliance with the statutory requirements, any relevant responses received and the account taken of those responses. A Consultation Report will be provided along with the DCO application.
1306. Under Section 47 of the Act, a Statement of Community Consultation (SoCC) must be produced to describe how the applicant proposes to consult with the local community. The Applicant will publish the SoCC in Q4 2017 in advance of consultation on the PEIR. In advance of publishing the SoCC, informal consultation will be on going, as described below.
1307. Under Section 48 of the Act, the applicant is required to advertise formal consultation of the PEIR and proposal to submit a DCO application in relevant newspapers, including a national newspaper, a local newspaper for at least two successive weeks, once in the London Gazette, once in Lloyds List and in a fishing trade journal. Formal consultation commences on the date of the last advert and continues for at least 28 days. During this period, all interested parties have the opportunity to provide feedback to the Applicant to inform the proposed application to be submitted.

### 5.2 Statutory and Prescribed Bodies Consultation

1308. As discussed in Section 1.6.2, the Applicant will undertake key technical stakeholder consultation under the EPP. The EPP provides a mechanism to help agree the information the Applicant needs to supply to the Planning Inspectorate as part of a DCO application for Norfolk Vanguard to ensure compliance with the EIA Regulations and Habitat Regulations.

1309. The EPP aims to assist all parties in the process during the evolution of the proposed DCO application, by:

- Giving greater certainty to all parties on the amount and range of evidence to be presented within the application;
- Providing structure and efficiency to discussion and sequential identification of key environmental and consenting issues;
- Enabling time and resource requirements to be planned and optimised for all parties;
- Helping address and agree issues earlier on in the pre-application stage where possible so robust, streamlined decisions can be taken, and additional data can be collected as required; and
- Providing a platform to debate advice on one topic between multiple agencies.

1310. Although the EPP is not part of the formal consultation, it will provide the audit trail for the PEIR produced by the Applicant, which will then be formally consulted upon. It is hoped that the minutes from meetings, and other technical reports produced as part of the EPP will help to form the basis for Statements of Common Ground (SOCG), and relevant sections of the Consultation Report, which will be submitted as part of the DCO application. Statements of common ground provide details of the areas of agreement and disagreement between the Applicant and stakeholders with regards to the application, to aid the examination process.

1311. The EPP will include expert topic group meetings. The process will be monitored by a EPP steering group chaired by the Planning Inspectorate, and will be formulated to meet the requirements of Planning Act 2008 and DCO application process.

1312. Whilst there is some overlap between EIA and HRA topics there are also distinct areas of interest, it is proposed that there are two parallel streams of the EPP, namely:

- Offshore – covering offshore topics of relevance to nature conservation which form part of the HRA and EIA:
  - Physical Processes (nearshore and offshore);
  - Offshore Ornithology;
  - Water and Sediment Quality
  - Benthic Ecology;
  - Marine Mammal Ecology; and
  - Fish and Shellfish Ecology.
- Onshore – covering topics of particular concern to onshore regulators and stakeholders:

- Onshore ecology (including onshore ornithology);
- Water Quality, WFD and Flood Risk;
- Land Quality and Geology;
- Traffic and Transport;
- Air Quality and Noise;
- Health and Socio-Economics;
- Archaeology (offshore and onshore); and
- Landscape and Land Use.

1313. EIA topic areas for which there are established consultation processes will stand outside the EPP, namely:

- Commercial Fisheries (see Section 2.10.4);
- Shipping and Navigation (see Section 2.11.4); and
- Aviation and Radar (see Section 2.13.4).

1314. Following refinement of the onshore project areas based on feedback from this Scoping Report, public consultation and ongoing constraints mapping, relevant landowners will be identified to allow further consultation.

### 5.3 Community Consultation

1315. The Applicant is committed to liaising with communities local to the project and will use a range of methods to disseminate information and seek feedback.

1316. Drop-in exhibitions will be held at specific intervals during the EIA process to allow ongoing engagement with local communities. The first phase of these events will be held in October 2016 (see Table 5.1), as consultation to enable members of the public to learn about the proposed project and to share their knowledge of the area to help inform the project design. Further community consultation events will take place during 2017 and following the publication of PEIR.

**Table 5.1 Drop-in exhibitions dates, times and locations**

Location	Date	Time
Aylsham	Tuesday 18 <sup>th</sup> October	2pm – 6.30pm
Happisburgh	Wednesday 19 <sup>th</sup> October	2pm – 6.30pm
Dereham	Thursday 20 <sup>th</sup> October	2pm – 6.30pm
Necton	Friday 21 <sup>st</sup> October	2pm – 6.30pm
North Walsham	Saturday 22 <sup>nd</sup> October	11am – 4pm
Great Yarmouth	Friday 28 <sup>th</sup> October	2pm – 6.30pm
Norwich	Saturday 29 <sup>th</sup> September	11am – 4pm

1317. Further to the drop-in exhibitions, members of the public will be given the opportunity to join a mailing list to receive updates on the project. In addition, information will be circulated through media advertising, posters, social media and regular updates to the project website:

**<http://norfolkvanguard.vattenfall.co.uk>**

1318. Consultation will also be ongoing with Norfolk County Council and relevant District Councils and Parish Councils.

## 6 PART 6: SUMMARY AND CONCLUSIONS

1319. The tables in this section of the report provide an overview of the potential impacts which are proposed to be scoped in (considered further) or scoped out (not considered further) in the EIA for Norfolk Vanguard.

**Table 6.1 Summary of potential offshore environment impacts**

	Construction	Operation	Decommissioning
<b>Marine Geology, Oceanography and Physical Processes</b>			
Effects to hydrodynamic regime (waves and tidal currents)	x	✓	x
Effects on sediments and sedimentary structures	✓	✓	✓
Effects on suspended sediment concentrations and transport	✓	✓	✓
Cumulative impacts	✓	✓	✓
Transboundary impacts	x	x	x
<b>Marine Water and Sediment Quality</b>			
Deterioration in water quality due to re-suspension of sediments	✓	x	✓
Release of contaminated sediments	✓	x	✓
Accidental release of contaminants	x	x	x
Cumulative impacts	✓	✓	✓
Transboundary impacts	x	x	x
<b>Air Quality</b>			
Impacts on offshore air quality	x	x	x
<b>Airborne noise</b>			
Impacts of airborne noise from the offshore project area	x	x	x
Impacts of airborne noise from nearshore works	x	x	x
<b>Benthic and Intertidal Ecology</b>			
Physical disturbance	✓	✓	✓
Increased suspended sediments	✓	✓	✓
Smothering	✓	✓	✓
Re-mobilisation of contaminated sediments	✓	x	✓
Underwater noise and vibration	✓	x	✓
Loss of habitat	✓	✓	x
Colonisation of foundations	x	✓	x
Sites of Marine Conservation Interest	✓	✓	✓
Electromagnetic fields (EMF)	x	x	x

	Construction	Operation	Decommissioning
Cumulative impacts	✓	✓	✓
Transboundary impacts	x	x	x
<b>Fish Ecology</b>			
Physical Disturbance	✓	✓	✓
Suspended sediments	✓	✓	✓
Re-suspension of contaminants	x	x	x
Loss of habitat	x	✓	x
Noise and vibration disturbance	✓	✓	✓
Fish aggregation	x	✓	x
EMF	x	✓	x
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓
<b>Marine Mammal Ecology</b>			
Underwater noise	✓	✓	✓
Impacts upon prey species	✓	✓	✓
Vessel interactions	✓	✓	✓
Physical Barrier effects	x	x	x
EMF	x	x	x
Disturbance at haul out sites	x	x	x
Changes to water quality	x	x	x
Potential impacts on sites of Marine Conservation Interest	✓	✓	✓
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓
<b>Offshore Ornithology</b>			
Disturbance and displacement	✓	✓	✓
Indirect impacts through effects on habitats and prey species within the OWF sites	✓	✓	✓
Indirect impacts through effects on habitats and prey species within the provisional offshore cable corridor	✓	x	x
Collision risk	x	✓	x
Barrier effect	x	✓	x
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓

	Construction	Operation	Decommissioning
<b>Commercial Fisheries</b>			
Impacts on commercially exploited species	✓	✓	✓
Loss of or restricted access to traditional fishing grounds	✓	✓	✓
Displacement of fishing activity	✓	✓	✓
Loss of or damage to fishing gear	x	✓	✓
Increased collision risk (to be covered by NRA)	✓	✓	✓
Increased steaming times	✓	✓	✓
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓
<b>Shipping and Navigation</b>			
Vessel Routeing	✓	✓	✓
Displacement of Third Party Activities	✓	✓	✓
Increased Collision Risk	✓	✓	✓
Collision Risk	✓	✓	✓
Interference with Marine Navigational Equipment	x	✓	x
Interaction with Subsea Cables	✓	✓	✓
Impacts on Emergency Response Resources	✓	✓	✓
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓
<b>Offshore Archaeology and Cultural Heritage</b>			
Direct physical disturbance	✓	✓	✓
Indirect physical disturbance	✓	✓	✓
Indirect disturbance of setting (offshore)	x	x	x
Indirect disturbance of setting (landfall)	✓	x	x
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	✓	✓
<b>Aviation and Radar</b>			
Impact on radar systems	x	✓	x
Impact on helicopter routes	✓	✓	✓
Impact on military training area	x	x	x
Increased collision risk	✓	✓	✓
Cumulative impacts	✓	✓	✓
Transboundary impacts	✓	x	x

	Construction	Operation	Decommissioning
<b>Infrastructure and Other Users</b>			
Potential interference with other wind farms development	x	x	x
Potential interference with oil and gas operations	x	x	x
Physical impacts on subsea cables and pipelines	✓	x	✓
Impacts on aggregate dredging activities	✓	x	✓
Impacts on disposal sites	x	x	x
Initiation of UXO	x	x	x
Impacts on MoD activities	x	x	x
Cumulative impacts	x	x	x
Transboundary impacts	x	x	x

**Table 6.2 Summary of potential onshore environment impacts**

	Construction	Operation	Decommissioning
<b>Ground Condition and Contamination</b>			
Ground Conditions and Contamination	✓	x	✓
Human health(construction workers)	✓	x	✓
Human health(residents)	✓	x	✓
Surface water	✓	x	✓
Groundwater	✓	x	✓
WFD groundwater bodies	✓	x	✓
Designated geological sites	✓	x	x
Cumulative impacts	✓	✓	✓
<b>Air Quality</b>			
Increase in traffic based air quality pollutant concentrations – human receptor locations	✓	x	✓
Increase in traffic based air quality pollutant concentrations – ecological habitats	✓	x	✓
Construction dust impacts – human receptors	✓	x	✓
Construction dust impacts – ecological habitats	✓	x	✓
Cumulative impacts	✓	x	✓
<b>Water Resource and Flood Risk</b>			
Impacts on water resources	✓	✓	✓
Flood risk	✓	✓	✓
Cumulative impacts	✓	✓	✓



	Construction	Operation	Decommissioning
<b>Land Use</b>			
Agricultural productivity	✓	✓	✓
Drainage	✓	✓	✓
Disruption to farming practices	✓	✓	✓
Temporary closure of PRoWs/cycle paths	✓	✓	✓
Existing utilities	✓	×	✓
Public health and safety	✓	✓	✓
Permanent loss of land	×	✓	×
Permanent closure/diversion of PRoWs	×	✓	×
Soil heating	×	✓	×
Cumulative impacts	✓	✓	✓
<b>Onshore Ecology</b>			
Impacts to statutory and non-statutory designated sites	✓	✓	✓
Permanent and temporary loss of habitats	✓	✓	✓
Temporary habitat fragmentation and species isolation	✓	✓	✓
Impacts upon protected species or upon their resting or breeding sites	✓	✓	✓
Disturbance of bird populations	✓	✓	✓
Cumulative impacts	✓	✓	✓
<b>Onshore Ornithology</b>			
Temporary and permanent loss of habitat suitable for nesting, roosting and foraging birds	✓	✓	×
Noise, vibration and visual disturbance to birds	✓	✓	✓
Cumulative impacts	✓	✓	✓
<b>Archaeology and Cultural Heritage</b>			
Direct impacts upon buried archaeological remains, including palaeoenvironmental deposits	✓	×	×
Direct impacts upon above ground heritage assets e.g. historic earthworks	✓	×	×
Indirect impacts through the alteration of the settings of built heritage assets	✓	✓	✓
Indirect impacts through the alteration of the setting of the historic landscape	✓	✓	✓
Cumulative impacts	✓	✓	✓

	Construction	Operation	Decommissioning
<b>Noise and Vibration</b>			
Noise affecting human and ecological receptors	✓	✓	✓
Vibration affecting human and ecological receptors	✓	x	✓
Cumulative impacts	✓	✓	✓
<b>Traffic and Transport</b>			
Highway safety	✓	✓	✓
Driver delay	✓	✓	✓
Pedestrian amenity	✓	x	✓
Severance	✓	x	✓
Abnormal loads	✓	x	✓
Cumulative impacts	✓	x	✓
<b>Health</b>			
Noise disturbance	✓	✓	✓
Dust	✓	x	✓
Temporary loss of access to green space	✓	x	✓
Disruption to local road network	✓	x	✓
Increased local employment	✓	✓	✓
EMF (above buried onshore cables)	x	✓	x
Cumulative impacts	✓	✓	✓

**Table 6.3 Summary of potential impacts on wider scheme aspects**

	Construction	Operation	Decommissioning
<b>Landscape, Seascape and Visual amenity</b>			
Landscape, visual and cumulative impacts of offshore components	x	x	x
Landscape and visual impacts of landfall	✓	x	x
Landscape and visual impacts of cable relay station	✓	✓	✓
Landscape and visual impacts of onshore cable route	✓	x	x
Landscape and visual impacts of substation	✓	✓	✓
Cumulative impacts of landfall	x	x	x
Cumulative impacts of cable relay station	✓	✓	✓
Cumulative impacts of onshore cable route	x	x	x
Cumulative impacts of substation	✓	✓	✓
<b>Socio-economics</b>			
All socio-economic impacts	✓	✓	✓
Cumulative socio-economic impacts	✓	✓	✓
<b>Tourism and Recreation</b>			
Coastal and marine - visual impacts	✓	✓	✓
Coastal and marine - disruption to marine and coastal recreational activities	✓	✓	✓
Coastal and marine - restricted beach access	✓	x	✓
Onshore - disturbance including noise, dust and visual impact	✓	x	✓
Noise at the substation and cable relay station	x	✓	x
Visual impacts from substation and cable relay station	✓	✓	✓
Disruption to local recreation and tourism provisions and businesses	✓	x	✓
Loss of amenity land	x	✓	x
Temporary/permanent closure of PRowS	✓	✓	✓
Reverting land and amenity to an improved condition	x	x	✓
Cumulative tourism and recreation impacts	✓	✓	✓

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