



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report Appendix D

**First Phase Section 47 Statutory Consultation (2012)
Dogger Bank Teesside Offshore Wind Farm**

Doc.No. F-STL-RP-001

Application Reference 5.1.4



**DOGGER BANK
TEESSIDE A & B**

**March
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Consultation Report

Appendix D.1

Statement of Community Consultation (SoCC) for Dogger Bank Teesside Offshore Wind Farm

Doc.No. F-STL-RP-001

Application Reference 5.1.4

Statement of Community Consultation published in accordance with Section 47(6) of the Planning Act 2008



Introduction

Forewind is publishing this Statement of Community Consultation (SoCC) for the proposed Dogger Bank Teesside Offshore Wind Development and its associated infrastructure. This Statement explains how we will consult with the local community including residents living within a specified distance of the project, the general public, community groups, local businesses, technical consultees and land owners, as well as others who work in or use the area, both offshore and onshore.

Pre-application consultation provides the main opportunity for the local community to be engaged with, and to help shape, the proposals so it is important that you let Forewind know if you have any comments or information about any part of the Dogger Bank Teesside proposal during this consultation process.

Forewind and the Dogger Bank Offshore Wind Farm Zone

Forewind is a consortium comprising four leading international energy companies which joined forces to successfully bid for the right to develop the Dogger Bank Offshore Wind Farm Zone as part of The Crown Estate's third round of UK offshore wind farm leasing (Round 3).

The Dogger Bank Zone is in the North Sea, located between 156 and 310 kilometres off the Teesside coast. It extends over an area of approximately 8660 km² (approximately the same size as North Yorkshire) with its easternmost outer limit aligned to the UK continental shelf, as defined by the UK Hydrographic Office. The water depth ranges from 18 to 63 metres.

Forewind has committed to developing 9 Gigawatts (GW) of wind generation capacity at Dogger Bank but believes that the zone has the potential to accommodate approximately 13GW, which would make it capable of supplying up to 10% of the UK's electricity demand. To relieve the pressure on stakeholders and the supply chain, the zone will be developed in a series of up to 11 wind farms.

Dogger Bank Teesside is an offshore wind farm development with an installed capacity of up to 4.8GW, with the potential to generate almost 17 Terawatt Hours (TWh) of green power every year. That is equivalent to the

electricity used annually by approximately 3.6 million British homes. It will connect into the national grid at the existing Lackenby substation near Eston and potentially at one other new substation which is also expected to be located in Teesside. It will comprise up to four offshore wind farms, each with a maximum installed capacity of up to 1.2GW.

These four wind farms and their associated infrastructure will be presented together during consultation in order to clearly describe the largest possible scale of Dogger Bank Teesside to stakeholders, and to give them the opportunity to provide their comments on any or all of the project proposals as they feel appropriate.

At the end of the development phase, Forewind will either submit a single application for one wind farm development of up to 4.8GW or may submit up to four separate applications (with a combined total installed capacity of 4.8GW). This decision will be made and presented to stakeholders prior to the Phase Two consultation (described in more detail later in this document). It is Forewind's intention to include the associated offshore and onshore infrastructure for each offshore wind farm in each application.

Dogger Bank Teesside will comprise:

- Up to 1600 offshore wind turbine generators (WTG) (the number of WTGs is dependent on the size of WTG selected, which could be from 3MW to 10MW);
- Alternating current (AC) cabling between the offshore wind turbine generators (inter-array cabling) and offshore platforms;
- Offshore collector stations and offshore AC to direct current (DC) converter stations including foundations and scour protection measures;
- Offshore operations and maintenance infrastructure including offshore accommodation;
- Permanent moorings, navigational buoys and scour protection measures;
- Offshore meteorological masts and metocean equipment;
- Offshore high voltage direct current (HVDC) export cable systems from the offshore AC to DC converter stations to the landfall on the UK coastline;
- Crossing structures at the points where the export and inter-array cables cross existing subsea cables and pipelines;
- Buried onshore cable joints at the landfall

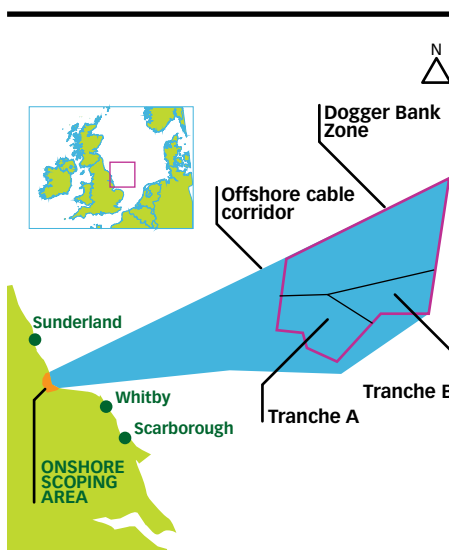


Figure 1
Location of Dogger Bank Teesside



- where the offshore export cables come onshore and join the onshore cables;
- Underground onshore HVDC cable systems from the landfall to the onshore DC to AC converter stations;
- Up to four onshore DC to AC converter stations which could be up to 30m in height and will require a combined permanent land take of up to 18 hectares. The converter stations could be sited together or split over up to four sites. Additional land would be required on a temporary basis during construction; and
- Underground high voltage alternating current (HVAC) cables from the onshore converter stations to National Grid’s substation(s).

Potential impacts

The development of Dogger Bank Teesside would be a major step towards achieving the Government’s renewable energy targets and improving energy security for the UK. It will also generate local and national employment opportunities.

There will be some potentially negative impacts for the local community, but Forewind intends to minimise them wherever it is reasonably feasible. These impacts are expected to include (but are not restricted to) temporary noise and disruption during construction, permanent visual impacts resulting from the construction of the onshore converter stations, increased marine traffic during construction and operation and limits or exclusions on movement through the offshore wind farms. No new overhead lines are proposed as part of this development.

The consenting process

Offshore wind farms with a capacity of more than 100MW are classified as Nationally Significant Infrastructure Projects (NSIPs) under Section 14 of the Planning Act 2008 and require a Development Consent Order (DCO) before they can be built. The Planning Inspectorate is the Government agency responsible for examining applications for DCOs which authorise NSIPs. Therefore Forewind will submit an application for a DCO to the National Infrastructure Directorate of the Planning Inspectorate for examination.

For each application, the National Infrastructure Directorate will firstly decide whether or not the application should be accepted. If accepted, it will proceed to examine the application, and following the completion of the examination process will then recommend to the Secretary of State for Energy and Climate Change (SoS) whether or not the application should be approved. In deciding whether or not to approve the application, the SoS must have regard to the relevant National Policy Statements (NPSs), which set out the need for new energy infrastructure and the issues to be considered in determining an application. For this project the relevant NPSs are EN1 – Overarching Energy, EN3 – Renewable Energy Infrastructure, and EN5 – Electricity Networks. If the SoS approves the application, the DCO will be made, authorising the construction and operation of the wind farm. For more information about the National Infrastructure Directorate and National Infrastructure Planning, please refer to <http://infrastructure.planningportal.gov.uk>.

Consultation objectives

- The objectives of the Dogger Bank Teesside community consultation process are to:
- Provide information to all sections of the local community in a clear and concise way;
 - Create a process through which local people can comment on the formal proposals;
 - Ensure that Forewind understands the views of the local community so that they can be considered during the development process; and
 - Provide feedback on how community consultation has influenced the proposal.

What we will consult on and when

The consultation will be carried out in two formal phases:

Phase One – the site selection process to date (summer 2012)

During Phase One, Forewind will clearly explain the site selection work done to date, including the process to narrow down the locations of the offshore wind farms, landfall and converter station(s). Forewind will set out why the preferred locations have been selected and what further refinement is required. Forewind will ask the local community to provide any comments or information on the site selection work that Forewind should consider when choosing the precise locations for onshore and offshore elements of the project.

Public Exhibition Venues

Venue	Date (2012)	Time
Kirkleatham Museum Redcar, TS10 5NW	Thursday 24 May	2pm – 8pm
Redcar Central Library Kirkleatham Street, Redcar, TS10 1RT	Friday 25 May	11am – 5pm
Lazenby Village Hall High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

Consultation documents (the Preliminary Environmental Information) will also be available at the locations listed below, and on the Forewind website www.forewind.co.uk from 24 May 2012.

The SoCC and PEI will be available for inspection at:

Venue	Address	Post Code
Grangetown Library	171 Birchington Avenue, Middlesbrough	TS6 7LP
Kirkleatham Museum	Redcar	TS10 5NW
Laburnum Road Library	Laburnum Road, Redcar	TS10 3QS
Marske Library	Windy Hill Lane, Marske	TS11 7BL
Mobile Library	For details of routes and timetables, please refer to www.redcar-cleveland.gov.uk or call Redcar Central Library on 01642 472162 or the Mobile Library on 07909 906 324	
Redcar Central Library	Redcar and Cleveland House, Kirkleatham Street, Redcar	TS10 1RT
Roseberry Library	Roseberry Road, Redcar	TS10 4NY
Saltburn Library	Windsor Road, Saltburn-by-the-Sea	TS12 1AT
The Wilton Centre	Wilton, Redcar	TS10 4RF

This constitutes formal notice of the start of the Phase One Consultation. Consultation responses must reach Forewind by Friday 22 June 2012 to ensure that they are considered. However, Forewind will endeavour to consider any responses received outside this period, wherever possible.

Phase Two – the detailed proposals (anticipated to be in 2013)

During Phase Two, Forewind will ask the local community for comments on the detailed proposals for Dogger Bank Teesside. At this stage, Forewind will have gathered and assessed a comprehensive set of data and will be able to explain the potential impacts of the development and any proposed mitigation measures, which may include landscaping.

Prior to Phase Two, Forewind will inform the local community whether it will be submitting a single application for a DCO for the entirety of Dogger Bank Teesside, or whether separate applications will be submitted.

If separate applications are to be submitted, Forewind will explain how the consultation responses received will be applied to each application going forwards.

The exact dates and locations of the Phase Two consultation events have not yet been set but they will be published in the local press and marine journals, and on the Forewind website at least two weeks beforehand. Any response to consultation will need to reach Forewind before the consultation response deadline to ensure that it is considered. The period of the consultation and deadline for responses will be publicised when known.

Environmental Impact Assessment

Dogger Bank Teesside is a development which requires an Environmental Impact Assessment for the purposes of Schedule 2 to the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 and Forewind will compile the Preliminary Environmental Information (PEI) required to assess the environmental impacts of the project.

PEI will be available during both stages of consultation.

Who we will consult

This process (both phases) is designed to engage with the local communities, both onshore and offshore, which may be affected by Dogger Bank Teesside. The consultation area is shown in figure 2.

Forewind will send newsletters and direct invitations to the consultation events to the following people:

- Community groups or organisations with postal addresses in the consultation area, or who are active within the consultation area;
- Parish councils wholly or partly within the consultation area;
- District and county councillors with wards/divisions wholly or partly within the consultation area; and
- Members of UK and European Parliaments with local constituencies wholly or partly within the consultation area.

Anyone else who may be interested in the project is welcome to take part in the community consultation. Events will also be advertised in local newspapers, marine journals and on the Forewind website.

Forewind is engaging with the local, national and international fishing communities directly to ensure that they are up to date with the development proposals and are given the opportunity to provide comments. Details of this consultation process have been published separately in Forewind's Fisheries Liaison Plan. Members of the fishing community are also welcome to engage in the community consultation process.

Forewind will work with the National Infrastructure Directorate and the relevant UK and EU governments to ensure that appropriate international stakeholders are consulted.

The methods we will use to consult

Public exhibitions – Anyone with an interest in Dogger Bank Teesside is welcome to attend the public exhibitions. In addition to the information panels and printed materials, Forewind staff will be at the exhibitions to answer questions. Visitors will be asked to submit feedback and comments via questionnaires.

Newsletters and factsheets – Forewind will produce zone level newsletters and subject-specific factsheets at key stages of the project.

Lodging of consultation documents in public

– All PEI documents, questionnaires, factsheets and newsletters will be lodged at Council libraries and other appropriate

Council buildings, as detailed. They will also be available to download from the Forewind website www.forewind.co.uk.

What we will do with responses to consultation

All responses received during consultation will be carefully considered. Details of any responses received during consultation and the account taken of those responses will be included in the consultation report.

This will be submitted with the application for a DCO to the National Infrastructure Directorate and will therefore be made public. For this reason, any responses to Forewind must not contain personal information about any third party without their consent. This is to ensure compliance with the Data Protection Act.

The Consultation Report will demonstrate how Forewind has complied with the consultation requirements of the Planning Act 2008 and will be considered by the National Infrastructure Directorate, both when determining whether to accept the application, and then in examining the application.

Other consultations

This community may be consulted by the promoters of other NSIPs. Where possible, Forewind will avoid scheduling consultation events that overlap with these other consultations. Currently the following NSIPs are listed on the Planning Inspectorate's website for this area:

- **Tees Refining Ltd** - Teesside Generating Station and Harbour Facilities
- **York Potash Limited** - Yorkshire Potash Pipeline

Forewind is aware that National Grid Electricity Transmission may also consult the community on the location of its new substation at an appropriate time in its development process.



Figure 2
Dogger Bank Teesside consultation area

How to get in touch with us or obtain more detailed information

Website	www.forewind.co.uk
Email	info@forewind.co.uk
Freephone	0800 975 5636
Post	Freepost RSLY-HKGK-HEBR Forewind Davidson House Forbury Square Reading RG1 3EU



**DOGGER BANK
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**March
2014**

Consultation Report

Appendix D.2

**SoCC Consultation Document for Local Authorities and
the Marine Management Organisation**

Doc.No. F-STL-RP-001

Application Reference 5.1.4



DOGGER BANK
TEESSIDE

May 2012

Statement of Community Consultation (SoCC) Consultation Documents

<h1 style="text-align: center;">Statement of Community Consultation (SoCC) Consultation Documents</h1>		
Document no. :	Contract no. (if applicable):	Project: Dogger Bank Teesside
Classification: Public	Distribution: Public	
Expiry date (if applicable):	Status: Final	
Date: May 2012	Version no.: 1	
<p>Overview:</p> <p>This document provides further information on the content of the Statement of Community Consultation (SoCC) and how the local community associated with Dogger Bank Teesside was determined.</p>		
Prepared by: Forewind	Date: April 2012	Signature: 
Approved by: Forewind	Date: May 2012	Signature: 

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Glossary of abbreviations

AC – Alternating current

DC – Direct current

DCLG – Department for Communities
and Local Government

DCO – Development Consent Order

EIA – Environmental impact
assessment

EMF – Electro-magnetic field

EU – European Union

GW – Gigawatt

ha - Hectare

HVAC – High voltage alternating
current

HVDC – High voltage direct current

IPC – Infrastructure Planning
Commission

km – Kilometre

km² – Square kilometre

m - metre

MHWS – Mean high water springs

MMO – Marine Management
Organisation

MW – Megawatt

NID – National Infrastructure
Directorate

NPS – National Policy Statement

NSIP – Nationally Significant
Infrastructure Project

PEI – Preliminary Environmental
Information

SoCC – Statement of Community
Consultation

SoS – Secretary of State for Energy
and Climate Change

StEP – Stakeholder Engagement Plan

TWh – Tera Watt hour

UK – United Kingdom

WTG – Wind turbing generator

ZoC – Zonal characterisation

1 Policy context

- 1.1 Forewind Ltd (Forewind) is promoting the Dogger Bank Teesside offshore wind farm development. The development could comprise up to four offshore wind farm projects, each with a generating capacity of up to 1.2Gigawatts (GW). Therefore, the development could have a total generating capacity of up to 4.8GW.
- 1.2 Offshore wind farms with a capacity over 100 Megawatts (MW), are classified as Nationally Significant Infrastructure Projects (NSIPs) under Section 14 of the Planning Act 2008 and require a Development Consent Order (DCO) before they can be built. Under current legislation, the National Infrastructure Directorate of the Planning Inspectorate(NID) is responsible for examining applications for DCOs and for making a recommendation to the relevant Secretary of State as to whether development consent should be granted or refused. The Secretary of State will then determine the application. Therefore, Forewind will submit its applications for DCOs to the NID and the Secretary of State for Energy and Climate Change will determine the applications.
- 1.3 Due to the scale of Dogger Bank Teesside, Forewind may decide to submit either one application for a DCO for the entirety of the up to 4.8GW development, or up to four separate DCO applications. Each application will request consent to construct and operate both the offshore and onshore elements of that project.
- 1.4 The Planning Act places a statutory duty on Forewind to consult with the community in the vicinity of the projects and to consider the responses received. Forewind has decided to consult the community on the largest possible scale of Dogger Bank Teesside, even though it may end up being the subject of up to four separate applications for DCOs. This approach is intended to provide clarity and to be transparent on the full scale of the Dogger Bank development that may affect this community.It also streamlines the process for stakeholders in terms of time commitment and gives them the option to provide their comments on all or any of the project proposals, as they feel appropriate.
- 1.5 It is important that the local community is involved in the consultation and that individuals and groups make their views known, so that issues can be better understood and resolved where possible.
- 1.6 The Statement of Community Consultation (SoCC) is a formal requirement of the Planning Act which sets out how the community will be consulted.
- 1.7 This document – The SoCC Consultation Document - has been produced to provide supporting information for the Local Authority (Redcar and Cleveland Borough Council) during its formal review of Forewind's proposed SoCC, in accordance with Section 47(2) of the Planning Act. In line with guidance published by the Department

for Communities and Local Government (DCLG), Forewind is also consulting the Marine Management Organisation (MMO) on the proposed content of the SoCC.

- 1.8 Therefore, this document comprises the 'Consultation Documents' defined under Section 47(3) and (4) of the Planning Act in relation to Forewind's duty to prepare a SoCC for Dogger Bank Teesside.

2 Project overview

Background

- 2.1 In 2010, the development company Forewind was awarded the exclusive right to develop offshore wind farm projects at the Dogger Bank Zone through the third round of offshore wind farm leasing undertaken by The Crown Estate.
- 2.2 The Dogger Bank Zone is located within the UK's Renewable Energy Zone in the North Sea, and is between 156 and 310 kilometres (km) off the Teesside coast. It extends over an area of approximately 8,660 km² (approximately the same size as North Yorkshire) with its eastern most outer limit aligned to the UK continental shelf, as defined by the UK Hydrographic Office. The water depth ranges from 18 to 63 metres (m).
- 2.3 Forewind has committed to developing 9GW of wind generation capacity at Dogger Bank but believes that the Zone has the potential to accommodate approximately 13GW. If built to this capacity, the Dogger Bank Zone would be the largest offshore wind farm development in the world and would be capable of supplying up to 10 per cent of the UK's electricity demand. To relieve the pressure on stakeholders and the supply chain, the Zone will be developed in a series of up to 11 wind farms.
- 2.4 The first stage of the Dogger Bank development is called Dogger Bank Creyke Beck. It will have a generating capacity of up to 2.4GW and will connect into the national grid at the Creyke Beck substation near Cottingham in the East Riding of Yorkshire. Forewind is consulting the local community relevant to this project; for more details, please download the Dogger Bank Creyke Beck SoCC from the Forewind website: www.forewind.co.uk/projects/01-creyke-beck/consultation
- 2.5 Dogger Bank Teesside is the second stage of Forewind's development of the Dogger Bank Zone. It will comprise up to four wind farms, each with an installed capacity of up to 1.2GW, which are expected to connect to the national grid in Teesside, just south of the Tees Estuary. Therefore, Dogger Bank Teesside could have a total installed capacity of up to 4.8GW, with the potential to generate almost 17 Tera Watt Hours (TWh) of green power every year. That is equivalent to the electricity used annually by a total of approximately 3.6 million British homes¹.
- 2.6 Forewind currently expects that at least two of the Dogger Bank Teesside projects will connect to the existing Lackenby Substation, which is near Eston, and that the other two projects will connect into a new substation, which National Grid will build to upgrade an existing facility in Teesside. It is not yet known where this new substation will be located, but it is likely to be in Teesside.

¹ This figure assumes a 40% capacity factor and an average British home electricity consumption of 4.7 MWh per annum

- 2.7 Forewind is in close communication with National Grid on the siting of the new substation to ensure that our respective site selection processes are aligned.
- 2.8 The entirety of the 4.8GW Dogger Bank Teesside proposal will be presented to stakeholders during consultation in order to:
- Minimise the consultation burden by not repeating consultation on a number of very similar individual proposals;
 - Provide clarity on the largest possible scale of the works that might be carried out in the area; and
 - Give stakeholders the opportunity to provide their comments on all or any of the project proposals as they wish.

The study area and project components

- 2.9 Forewind has identified a broad study area (the Scoping Envelope) in which Dogger Bank Teesside will be located and this is shown in Figure 1. The actual area that the project will occupy will be much smaller than the Scoping Envelope. Forewind has identified the appropriate Local Authority to consult on the development on this basis, namely Redcar and Cleveland Borough Council.

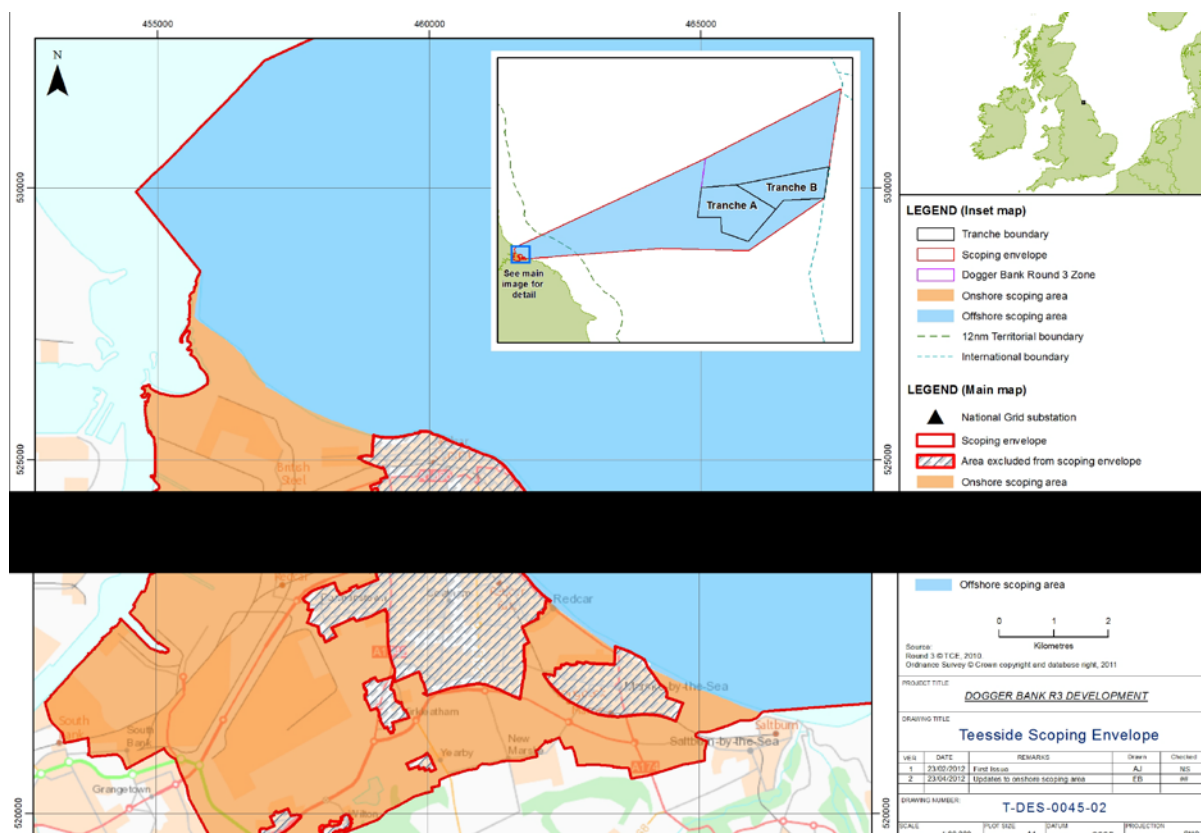


Figure 1 Dogger Bank Teesside Scoping Envelope

- 2.10 There are two key elements of the development: the offshore works and the onshore works. For the purposes of this document, offshore means any point on the seaward side of the point the export cables come to shore (the landfall) and comprises the blue section in Figure 1.

Offshore project components

- 2.11 The offshore works comprise not only the offshore wind farms, but also a range of associated development needed for the operation of the wind farms. This includes:
- Offshore alternating current (AC) cabling between the offshore wind turbine generators (inter-array cables);
 - Offshore collector stations and offshore AC to direct current (DC) converter stations including foundations and scour protection measures;
 - Offshore operations and maintenance infrastructure, including accommodation platforms;
 - Permanent moorings, navigational buoys and scour protection measures;
 - Offshore high voltage DC (HVDC) export cables, from the offshore converter stations to the UK coastline, or possibly adjacent projects;
 - Crossing structures at the points where project cables cross existing subsea cables and pipelines; and
 - Offshore meteorological masts and metocean equipment.

Onshore project components

- 2.12 The onshore works include:
- HVDC cables buried below the foreshore;
 - Onshore buried cable joints at the landfall where the offshore export cables come onshore and join the onshore HVDC cables;
 - Underground HVDC cable system - from the landfall to the onshore HVDC to HVAC converter stations;
 - Ancillary cable ducts (if installed) - these are buried ducts running adjacent to the cable systems;
 - Up to four onshore HVDC to HVAC converter stations which could be up to 30m in height and will require a combined permanent land take of up to 18 hectares. The converter stations could be located together or split over up to four sites. Additional land would be required on a temporary basis for construction; and
 - Underground HVAC cables from the onshore converter stations to the National Grid substation/s.
- 2.13 The electricity generated by Dogger Bank Teesside will connect to the national high-voltage electricity transmission network, the national grid. The national grid is operated by the company National Grid, which is responsible for developing and maintaining an efficient, co-ordinated and economical electricity transmission

network. This includes determining where it is appropriate for power generation projects such as Dogger Bank Teesside to connect to the network.

- 2.14 National Grid may need to carry out works at Lackenby Substation in order to connect Dogger Bank Teesside. National Grid is also responsible for identifying the site for the new substation that will upgrade the existing facility in Teesside. Consenting, construction and operation of all these works will be the responsibility of National Grid; however Forewind will endeavour to provide details of any such works during the consultation process to help the local community understand the full impact of Dogger Bank Teesside.
- 2.15 Infrastructure improvements may be needed to local port facilities in order to support the construction, operation and decommissioning of Dogger Bank Teesside. This will not be part of the Dogger Bank Teesside application/s.
- 2.16 Further detail on Dogger Bank Teesside is available on the project website at www.forewind.co.uk.

3 The Statement of Community Consultation

Scope of the SoCC

- 3.1 The Statement of Community Consultation (SoCC) (see Appendix A) is a formal requirement of the Planning Act that sets out how Forewind will consult with the local community.
- 3.2 In parallel with the consultation undertaken with the local community, Forewind will engage with the local, national and international fishing communities to ensure that they are kept up to date with the development and are also given an opportunity to provide comments on the proposal. Details of this consultation process have been published separately in Forewind's Fisheries Liaison Plan which is available to download from the Forewind website <http://www.forewind.co.uk/downloads/zone.html>
- 3.3 Forewind will work with the NID and the relevant EU governments to ensure that appropriate international stakeholders are consulted. Statutory consultees, the Local Authorities, landowners and tenants will also be consulted in accordance with section 42 of the Planning Act. Further details are provided in Forewind's Stakeholder Engagement Plan (StEP) which is available to download from the Forewind website <http://www.forewind.co.uk/downloads/zone.html>

Consultation on the content of the SoCC

- 3.4 The format and content of the SoCC, which is included in Appendix A, shows how Forewind proposes to communicate a clear, informative and comprehensive statement to the various communities on how it will consult them.
- 3.5 Redcar and Cleveland Borough Council is being consulted on the proposed content of the SoCC, as it is the Local Authority within which the "land" lies in relation to Dogger Bank Teesside. In accordance with DCLG guidance, Forewind has also sought the views of the MMO on the offshore elements of the wind farm consultation strategy.
- 3.6 In line with IPC Guidance Note 1, Forewind has supplied Redcar and Cleveland Council and the MMO with the following preliminary environmental information (PEI) at the time of consulting on the SoCC:
 - The Dogger Bank Zonal Characterisation Report (ZoC) and the March 2012 update to the Dogger Bank ZoC;
 - The Tranche A Selection Report; and
 - A map showing the community consultation boundary in relation to the proposed Scoping Envelope.

- 3.7 The authorities that have received this document are listed in Table 1, along with the potential impact to communities within their boundaries.

Table 1 Authorities that have been consulted on the content of the SoCC

Authority	Potential Impact
Redcar and Cleveland Borough Council (Statutory consultee to this document under Section 47 of the Planning Act)	<ul style="list-style-type: none"> • Potential impacts associated with the construction, operation and decommissioning of the converter station(s) and onshore cables routes connecting to offshore cables • Potential impacts associated with the construction, operation and decommissioning of offshore cables as they come close to the shore • Potential impacts on sea users within (e.g. fishermen, recreational sailors)
Marine Management Organisation (MMO)	<ul style="list-style-type: none"> • Impacts due to operations associated with the construction, operation and decommissioning of components below mean high water springs (MHWS)

Making the SoCC available for public inspection

- 3.8 Section 47(6) of the Planning Act as amended by the Localism Act 2011 requires that:

Once the applicant has prepared the statement, the applicant must -
(za) make the statement available for inspection by the public in a way that is reasonably convenient for people living in the vicinity of the land,
(a) publish, in a newspaper circulating in the vicinity of the land, a notice stating where and when the statement can be inspected and
(b) publish the statement in such manner as may be prescribed.

- 3.9 Hard copies of the SoCC will be made available at the Council libraries and other appropriate Redcar and Cleveland Council buildings listed in Table 2. It will also be available to download from the Forewind website www.forewind.co.uk.

Table 2 Locations where the SoCC will be made available for public inspection

Venue	Address	Post Code
Grangetown Library	171 Birchington Avenue, Middlesbrough	TS6 7LP
Kirkleatham Museum	Redcar	TS10 5NW
Laburnum Road Library	Laburnum Road, Redcar	TS10 3QS
Marske Library	Windy Hill Lane, Marske	TS11 7BL
Mobile Library	For details of routes and timetables, please refer to http://www.redcar-cleveland.gov.uk or call Redcar Central Library on 01642 472162 or the Mobile Library on 07909 906 324	
Redcar Central Library	Redcar and Cleveland House, Kirkleatham Street, Redcar	TS10 1RT
Roseberry Library	Roseberry Road, Redcar	TS10 4NY
Saltburn Library	Windsor Road, Saltburn-by-the-Sea	TS12 1AT
The Wilton Centre	Wilton, Redcar	TS10 4RF

- 3.10 Forewind proposes to publish a single issue notification stating where and when the SoCC for Dogger Bank Teesside can be inspected, in the publications shown in Table 3.
- 3.11 The publications proposed are intended to capture the communities affected by both the offshore works and the onshore works.

Table 3 Publications in which Forewind proposes to publish the SoCC

Publication	Distribution	Purpose
Middlesbrough Evening Gazette	Regional daily evening newspaper. Extensive coverage over the consultation area and beyond to Whitby, Northallerton, Darlington and Hartlepool	One of the biggest selling local, daily newspaper in the area. To reach community consultees and the extended local community who buy a daily newspaper
Coastal View & Moor News	Free community newspaper. Redcar, East Cleveland and the North York Moors	To reach those in the consultation area who do not buy a newspaper
The East Cleveland Herald & Post	Weekly free newspaper. Redcar, Marske-by-the-Sea, New Marske, Saltburn-by-the - Sea, Lazenby, Eston, Wilton	To reach those in the consultation area who do not buy a newspaper
Fishing News	Commercial fishing industry	To capture offshore users notable those commercial fishing interests that may use the Dogger Bank Zone

- 3.12 In addition, a link to the online version of the SoCC will be published in the Kingfisher Bulletin which is distributed as an electronic newsletter to mariners. It is not possible to publish the full notification in the Kingfisher Bulletin due to constraints on space.

4 The community consultation process

Objectives

- 4.1 The objectives of the Dogger Bank Teesside community consultation are to:
- Provide information to all sections of the relevant communities in a clear and concise way;
 - Create a process through which local people can comment on the proposal and provide Forewind with information relevant to the proposal;
 - Ensure that Forewind understands the views of the local community in order that they can be considered during the development process; and
 - Provide feedback on how community consultation has influenced the proposal.

Phases of consultation

- 4.2 Guidance from the Department for Communities and Local Government (DCLG) on pre-application consultation states that:

“consultation must happen at a sufficiently early stage to allow consultees a real opportunity to influence the proposals.”

- 4.3 Following early discussions with Redcar and Cleveland Borough Council, Forewind has determined that it is appropriate to undertake a two-phase consultation with the local community for Dogger Bank Teesside. These phases are described below.

Phase One – the site selection process to date

- 4.4 This is an early stage consultation which is intended to introduce Forewind and Dogger Bank Teesside to the local community, and to request early feedback and comments on the proposal.
- 4.5 Forewind recognises that the local community may be aware of issues and have valuable information about the area within the Scoping Envelope, and that they will have preferences about the location of the infrastructure or the way that it is constructed. Forewind is committed to considering this information in the development of Dogger Bank Teesside.
- 4.6 During this phase, Forewind will present the Scoping Envelope and the preferred locations for the onshore and offshore infrastructure for Dogger Bank Teesside. This will include:
- Tranche A and Tranche B – the offshore areas in the Dogger Bank Zone that Forewind proposes to site the majority of the Dogger Bank Teesside wind turbine generators and some of the associated offshore infrastructure;

- A preferred cable landfall area;
 - A number of preferred sites for the onshore converter stations.
- 4.7 An indicative cable corridor will be presented during this phase of consultation, but this will not have been assessed to the same level of detail as the cable landfall area and onshore converter station sites, and therefore will be quite broad.
- 4.8 Preliminary Environmental Information (PEI) will be made available during this phase. This will consist of:
- Non-technical summary of Dogger Bank Teesside Preliminary Environmental Information 1 (PEI1);
 - Appendix A – The Project Description;
 - Appendix B – The Dogger Bank Teesside Environmental Impact Assessment Scoping Report (The Scoping Report); and
 - Appendix C – The Landfall and Converter Station Site Selection Report.

Phase Two – full details of the project

- 4.9 Having considered the results of the Phase One consultation and further developed the project and PEI, Forewind will move to Phase Two of the consultation process. This will involve setting out the detail of the offshore and onshore proposals for Dogger Bank Teesside and consulting the local community.
- 4.10 Prior to this stage, Forewind will inform the local community whether one single application will be made for a DCO for the entirety of Dogger Bank Teesside, or whether a number of separate applications will be submitted. If Dogger Bank Teesside is to be consented as separate applications, Forewind will explain how the consultation responses received to date will apply to each application going forwards.

Defining ‘the vicinity’ of the project

- 4.11 A key requirement of the guidance from the DCLG is for developers to establish the appropriate “vicinity” of the project in which to consult and this is an important focus of this document. The level of consultation in each area seeks to be appropriate to the potential impacts of the scheme at those locations.
- 4.12 Guidance from the DCLG states that:

“In most communities promoters will need to strike a balance between consulting those who are significantly affected by proposals (i.e. those identified in Section 42 of the Act) and consulting a wider group of local people who will not be directly affected, but who will have a reasonable fear that they might be, or will have strong feelings about a project. This second category may include people who live in the proximity of the development, but not close

enough to be physically affected by it, people who are likely to be affected by wider impacts of the development, or who are users of, or visitors to the area.”

4.13 Furthermore the guidance states that:

“We also recognise that, whilst consultation should be thorough and effective, there will be a variety of possible approaches to discharging the requirements, and that consultation will need to be proportionate.”

4.14 The following section identifies how the ‘vicinity’ or Consultation Area for our consultation is derived based on the potential impacts of the different elements of the scheme.

The vicinity for the onshore works

4.15 The onshore converter stations and underground cable route may have a variety of different potential impacts, the primary examples of which are summarised below:

4.16 Onshore converter stations:

- Temporary noise, dust and air quality impacts during construction;
- Temporary visual impacts from construction equipment;
- Temporary impacts on watercourses;
- Temporary disruption during delivery of abnormal loads with large electrical equipment;
- Temporary impacts on traffic networks due to construction traffic;
- Permanent or semi-permanent visual impacts from the construction of new buildings and long-term removal of vegetation, or the time needed for new vegetation to grow;
- Permanent low frequency electro-magnetic field (EMF) considerations;
- Permanent operational noise;
- Permanent new access arrangements;
- Temporary employment opportunities during construction; and
- Permanent employment opportunities during the operation and maintenance of the converter stations.

4.17 Onshore cable route:

- Temporary noise, dust and air quality impacts during construction;
- Temporary visual impacts from construction equipment;
- Temporary impacts on watercourses during construction;
- Temporary impacts on traffic networks due to road crossings and construction traffic;
- Permanent or semi-permanent visual impacts from the removal of vegetation, or the time needed for new vegetation to grow;
- Temporary closure or disruption to public rights of way during construction; and
- Temporary employment opportunities during construction.

- 4.18 As the cables will be buried, the majority of the onshore cable route impacts would be temporary and are unlikely to have an impact over a significant distance. Permanent potential impacts are expected to be restricted to any permanent or semi-permanent visual impacts from the removal of vegetation. The indicative onshore cable corridor avoids the major residential areas of Redcar, Marske-by-the-Sea, New Marske, Kirkleatham and Lazenby and instead crosses open agricultural land.
- 4.19 All landowners directly affected by the preferred converter station sites and indicative cable corridor will be consulted directly in accordance with Section 42 of the Planning Act.
- 4.20 In light of the above, Forewind proposes that the Consultation Area should broadly match the Scoping Envelope, with an extension to the west to ensure that communities who may be affected by the visual impact of the converter stations are included, and with an extension of approximately 1km to the south to ensure that communities affected by the cable installation are included. For the avoidance of doubt, the residential areas of Redcar, Marske-by-the-Sea, Kirkleatham, Yearby, Lazenby and Wilton would also be included in the Consultation Area. The Consultation Area is shown in Figure 2.

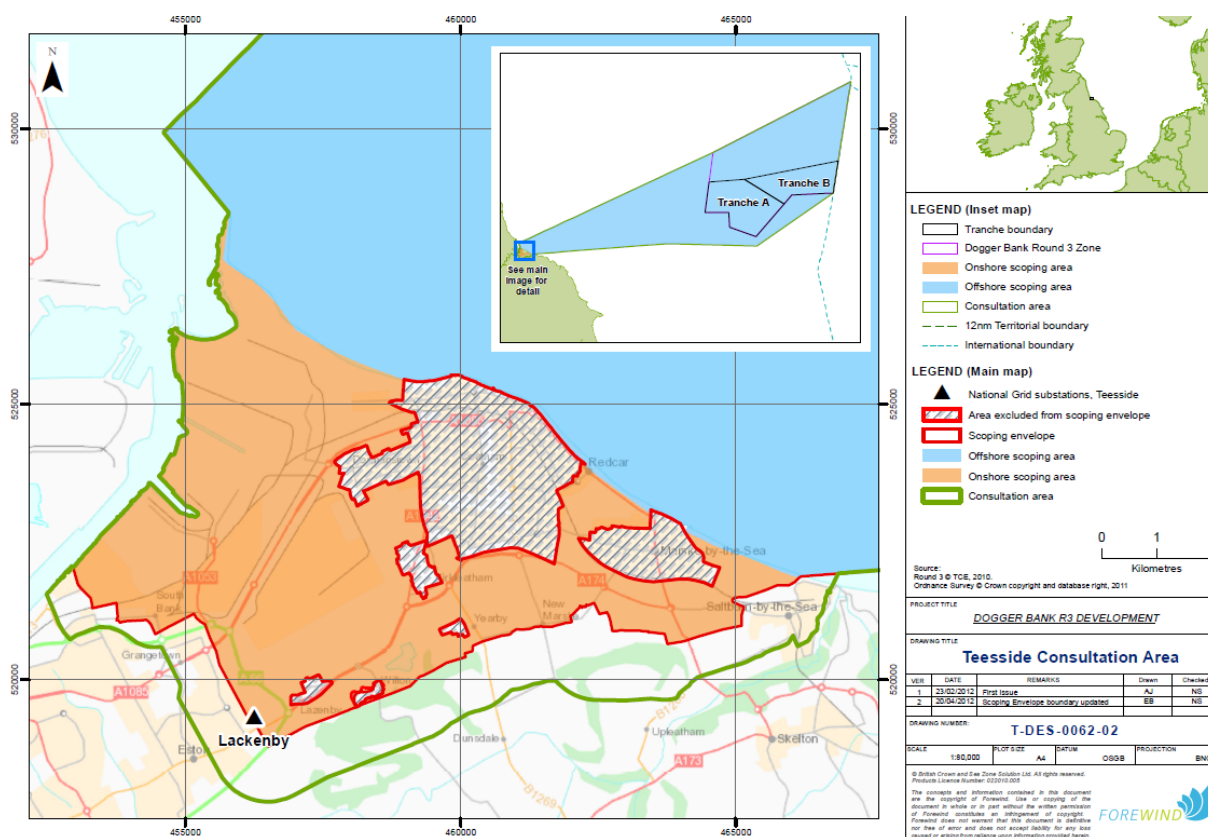


Figure 2 The Dogger Bank Teesside Consultation Area

- 4.21 Within the Consultation Area, Forewind will directly contact the following Community Consultees:
- Community groups or organisations with postal addresses in the Consultation Area, or who are active within the Consultation Area;
 - Parish councils wholly or partly within the Consultation Area;
 - District and county councillors with wards/divisions wholly or partly within the Consultation Area; and
 - Members of UK and European Parliaments with local constituencies wholly or partly within the Consultation Area.
- 4.22 Local residents and businesses will not receive direct postal communications from Forewind unless they specifically request this from Forewind. Forewind will ensure that the public exhibitions are well advertised (as described below) and will encourage residents and businesses to register their interest in being added to Forewind's electronic mailing list for project information and updates.

The vicinity for the offshore works

- 4.23 The construction and operation of the offshore wind farm, offshore converter stations and subsea cable route will have a variety of impacts, including but not limited to:
- Temporary noise during construction and decommissioning;
 - Temporary disturbance and redistribution of sediments during construction;
 - Temporary exclusion of other marine users during construction;
 - Temporary construction activity (exclusion, noise and visual impacts) on the landfall site;
 - Temporary construction vessel movement to and from the wind farm sites and cable route;
 - Temporary employment benefits during the construction and decommissioning periods;
 - Permanent limits or exclusions on movement through the wind farms;
 - Permanent regular movements of operational and maintenance vessels to and from the wind farms;
 - Permanent, very localised (at or in the seabed) low frequency Electro-Magnetic Field (EMF) considerations;
 - Permanent visual impacts of the offshore infrastructure;
 - Permanent employment benefits during the operation of the wind farm; and
 - Temporary or permanent effects on commercially important fish or shellfish species.
- 4.24 The majority of the above impacts will only affect sea-based users and the coastal residents nearest the subsea cable route and landfall, as the wind farm itself will be so far from shore. Forewind will endeavour to identify relevant organisations and/or community groups that represent recreational and commercial users of the sea and coastline within the Scoping Envelope to add to the database of Community

Consultees who will be contacted directly about the consultation events. For this reason, the Consultation Area boundary extends out to the Dogger Bank Zone.

- 4.25 Fishermen will be consulted in accordance with Forewind's Fisheries Liaison Plan and the majority of other marine users, such as shipping companies will be consulted directly as part of Forewind's Section 42 consultation process.
- 4.26 Stakeholders likely to be affected only by visual impact of the marine works during construction will be made aware of the consultation events via the general media.

Hard-to-reach groups

- 4.27 DCLG guidance notes that it is important for promoters to identify any hard-to-reach groups in the areas where consultation is occurring.
- 4.28 Redcar and Cleveland Borough Council's Statement of Community Involvement (June 2010) identifies that the key hard-to-reach groups in the region are young people, people with disabilities and ethnic minority groups. Redcar and Cleveland Borough Council has provided Forewind with lists of community groups from its Local Development Framework Consultee Database. Forewind has reviewed these lists to identify appropriate organisations that represent these hard-to-reach groups and has added them to Forewind's Community Consultee database.
- 4.29 In order to ensure that the consultation information is accessible to all, Forewind will endeavour to promote the consultation events on the local radio and local television, rather than relying solely on written advertisements. Staff will be available at the public exhibitions to explain the proposal in person and answer questions. Consultation responses can be submitted via the Freephone telephone number or in person at the public exhibitions. All the main consultation materials will be written in non-technical language.

How we will consult

- 4.30 Forewind will provide clear and concise information about the project and its impacts throughout the pre-application consultation process, to enable constructive debate to take place.

Public exhibitions

- 4.31 Public exhibitions will be held in a number of venues within or close to the Consultation Area. Informal consultation with Redcar and Cleveland Borough Council has identified that venues in or near Redcar, Marske-by-the-Sea, New Marske, Kirkleatham and Lazenby could be appropriate locations to hold public exhibitions.
- 4.32 A set of public exhibitions will be held during Phase One and a second set of public exhibitions will be held during Phase Two. Visitors to the exhibitions will be able to

review the PEI, factsheets and display boards, talk to members of the project team and complete questionnaires or take postage paid reply cards to respond after the event.

- 4.33 Forewind will send the Community Consultees defined above, invitations to the public exhibitions with details of where to access the PEI. In addition, Forewind will advertise the public exhibitions and details about where to find the PEI through advertisements in local newspapers, posters in libraries, council offices and other public establishments, and by issuing information to local media outlets via press releases.
- 4.34 Members of the community outside the Consultation Area may want to be involved in the consultation process. Therefore, Forewind has selected a range of newspapers to advertise in, with distributions that extend beyond the Consultation Area. Information will also be available on the Forewind website www.forewind.co.uk/.

Other communication tools

- 4.35 A range of communication tools will be used to disseminate information and provide ways for consultees to contact Forewind. These are:
- **Website** – www.forewind.co.uk
 - **Points of contact** – freepost postal address, free phone telephone number and email address;
 - **Local media** – press releases and advertisements will be issued from time to time;
 - **Elected representative engagement;**
 - **Dogger Bank News** – the newsletter provides information on the zone-wide development. This will include progress on Dogger Bank Teesside as well as the other on goingzonal activities to give a fuller picture of all the work being undertaken by Forewind. It will be produced three times a year and will be sent electronically or by post to the Community Consultees and will be available at consultation events;
 - **Ongoing liaison with marine users** – marine users are welcome to attend the public exhibitions but there will also be a number of dedicated fisheries liaison activities, as defined in Forewind's Fisheries Liaison Plan; and
 - **Lodging of documents in public** – Forewind will lodge key consultation documents and Dogger Bank News at a number of Council libraries and other appropriate Council buildings, including the mobile library service during the consultation periods. The locations are listed in Table 2. Further copies will be made available on request.

Consideration of other promoters' consultation exercises

- 4.36 This community may be consulted by the promoters of other NSIPs. Where possible, Forewind will avoid scheduling consultation events that overlap with these other

consultation exercises. Currently the following NSIPs are listed on the Planning Inspectorate's website² for this area:

- Tees Refining Ltd - Teesside Generating Station and Harbour Facilities
- York Potash Limited – Yorkshire Potash Pipeline

4.37 Forewind is aware that National Grid Electricity Transmission may consult the community on the location of its new substation at an appropriate time in its development process.

²<http://infrastructure.planningportal.gov.uk/>

5 What we will do with the consultation

- 5.1 All consultation responses received by Forewind during the consultation periods will be recorded and considered alongside the development proposals. Forewind is required by the provisions of the Planning Act to show how it has considered responses to consultation in a consultation report, which will be submitted as part of the application to the National Infrastructure Directorate.
- 5.2 Responses received outside the consultation periods will be considered wherever possible.

6 Consultation summary

- 6.1 During the pre-application consultation process, the Forewind website will be updated with relevant information as it becomes available. The dedicated contact methods (telephone, post and e-mail) will be available throughout the consultation periods and post-application.
- 6.2 Liaising with the local media, proactively sending out press releases and reactively responding to media enquiries has begun and will continue during the consultation periods and beyond. During the consultation periods, public exhibitions, newsletters and factsheets will be used to update the local communities and mariners with information and progress on the project.

Summary of consultation activities in Phase One

- Make the SoCC available for inspection at Council Libraries and other appropriate Council buildings, and on the Forewind website;
- Publish a notice in local newspapers stating where and when the SoCC can be inspected and advertising the start of Phase One consultation and details of the public exhibitions;
- Send direct invitations to the public exhibitions to the community consultees;
- Public exhibitions;
- Publish PEI introducing the development and site selection work done to date;
- Topic specific factsheets (if necessary);
- Dogger Bank newsletter;
- Lodging of documents in public places;
- Engagement with local elected representatives;
- Local media briefings and press releases; and
- Ongoing liaison with marine users.

Summary of consultation activities in Phase Two

- Advertise the start of Phase Two consultation and the public exhibitions;
- Send direct invitations to the public exhibitions to the community consultees;
- Public exhibitions;
- Publish updated PEI covering the full detail of Dogger Bank Teesside;
- Topic specific factsheets (if necessary);
- Dogger Bank newsletter;
- Lodging of documents in public places;
- Local media briefings and press releases;
- Elected representative engagement; and
- Ongoing liaison with marine users.

7 Further information

- 7.1 For further information about Forewind or our plans for Dogger Bank Teesside, contact us at:

Post: Freepost RSLY-HKGK-HEBR
Forewind
Davidson House
Forbury Square
Reading,
RG1 3EU

e-mail: info@forewind.co.uk

Website: www.forewind.co.uk

Phone: 0800 975 5636

Appendix A: Statement of Community Consultation (SoCC)



Statement of Community Consultation published in accordance with Section 47(6) of the Planning Act 2008



Introduction

Forewind is publishing this Statement of Community Consultation (SoCC) for the proposed Dogger Bank Teesside Offshore Wind Development and its associated infrastructure. This Statement explains how we will consult with the local community including residents living within a specified distance of the project, the general public, community groups, local businesses, technical consultees and land owners, as well as others who work in or use the area, both offshore and onshore.

Pre-application consultation provides the main opportunity for the local community to be engaged with, and to help shape, the proposals so it is important that you let Forewind know if you have any comments or information about any part of the Dogger Bank Teesside proposal during this consultation process.

Forewind and the Dogger Bank Offshore Wind Farm Zone

Forewind is a consortium comprising four leading international energy companies which joined forces to successfully bid for the right to develop the Dogger Bank Offshore Wind Farm Zone as part of The Crown Estate's third round of UK offshore wind farm leasing (Round 3).

The Dogger Bank Zone is in the North Sea, located between 156 and 310 kilometres off the Teesside coast. It extends over an area of approximately 8,660 km² (approximately the same size as North Yorkshire) with its easternmost outer limit aligned to the UK continental shelf, as defined by the UK Hydrographic Office. The water depth ranges from 18 to 63 metres.

Forewind has committed to developing 9 Gigawatts (GW) of wind generation capacity at Dogger Bank but believes that the zone has the potential to accommodate approximately 13GW, which would make it capable of supplying up to 10% of the UK's electricity demand. To relieve the pressure on stakeholders and the supply chain, the zone will be developed in a series of up to 11 wind farms.

Dogger Bank Teesside is an offshore wind farm development with an installed capacity of up to 4.8GW, with the potential to generate almost 17 Terawatt Hours (TWh) of green power every year. That is equivalent to the

electricity used annually by approximately 3.6 million British homes. It will connect into the national grid at the existing Lackenby substation near Eston and potentially at one other new substation which is also expected to be located in Teesside. It will comprise up to four offshore wind farms, each with a maximum installed capacity of up to 1.2GW.

These four wind farms and their associated infrastructure will be presented together during consultation in order to clearly describe the largest possible scale of Dogger Bank Teesside to stakeholders, and to give them the opportunity to provide their comments on any or all of the project proposals as they feel appropriate.

At the end of the development phase, Forewind will either submit a single application for one wind farm development of up to 4.8GW or may submit up to four separate applications (with a combined total installed capacity of 4.8GW). This decision will be made and presented to stakeholders prior to the Phase Two consultation (described in more detail later in this document). It is Forewind's intention to include the associated offshore and onshore infrastructure for each offshore wind farm in each application.

Dogger Bank Teesside will comprise:

- Up to 1,600 offshore wind turbine generators (WTG) (the number of WTGs is dependent on the size of WTG selected, which could be from 3MW to 10MW);
- Alternating current (AC) cabling between the offshore wind turbine generators (inter-array cabling) and offshore platforms;
- Offshore collector stations and offshore AC to direct current (DC) converter stations including foundations and scour protection measures;
- Offshore operations and maintenance infrastructure including offshore accommodation;
- Permanent moorings, navigational buoys and scour protection measures;
- Offshore meteorological masts and metocean equipment;
- Offshore high voltage direct current (HVDC) export cable systems from the offshore AC to DC converter stations to the landfall on the UK coastline;
- Crossing structures at the points where the export and inter-array cables cross existing subsea cables and pipelines;
- Buried onshore cable joints at the landfall

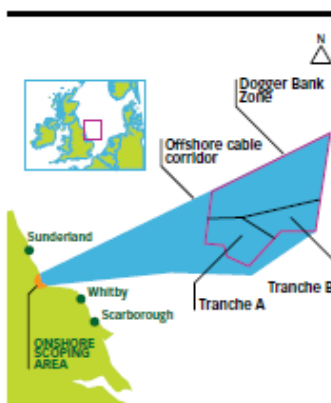


Figure 1
Location of Dogger Bank Teesside



- where the offshore export cables come onshore and join the onshore cables;
- Underground onshore HVDC cable systems from the landfall to the onshore DC to AC converter stations;
- Up to four onshore DC to AC converter stations which could be up to 30m in height and will require a combined permanent land take of up to 18 hectares. The converter stations could be sited together or split over up to four sites. Additional land would be required on a temporary basis during construction; and
- Underground high voltage alternating current (HVAC) cables from the onshore converter stations to National Grid's substation(s).

Potential impacts

The development of Dogger Bank Teesside would be a major step towards achieving the Government's renewable energy targets and improving energy security for the UK. It will also generate local and national employment opportunities.

There will be some potentially negative impacts for the local community, but Forewind intends to minimise them wherever it is reasonably feasible. These impacts are expected to include (but are not restricted to) temporary noise and disruption during construction, permanent visual impacts resulting from the construction of the onshore converter stations, increased marine traffic during construction and operation and limits or exclusions on movement through the offshore wind farms. No new overhead lines are proposed as part of this development.

The consenting process

Offshore wind farms with a capacity of more than 100MW are classified as Nationally Significant Infrastructure Projects (NSIPs) under Section 14 of the Planning Act 2008 and require a Development Consent Order (DCO) before they can be built. The Planning Inspectorate is the Government agency responsible for examining applications for DCOs which authorise NSIPs. Therefore Forewind will submit an application for a DCO to the National Infrastructure Directorate of the Planning Inspectorate for examination.

For each application, the National Infrastructure Directorate will firstly decide whether or not the application should be accepted. If accepted, it will proceed to examine the application, and following the completion of the examination process will then recommend to the Secretary of State for Energy and Climate Change (SoS) whether or not the application should be approved. In deciding whether or not to approve the application, the SoS must have regard to the relevant National Policy Statements (NPSs), which set out the need for new energy infrastructure and the issues to be considered in determining an application. For this project the relevant NPSs are EN1 – Overarching Energy, EN3 – Renewable Energy Infrastructure, and EN5 – Electricity Networks. If the SoS approves the application, the DCO will be made, authorising the construction and operation of the wind farm. For more information about the National Infrastructure Directorate and National Infrastructure Planning, please refer to <http://infrastructure.planningportal.gov.uk>.

Consultation objectives

The objectives of the Dogger Bank Teesside community consultation process are to:

- Provide information to all sections of the local community in a clear and concise way;
- Create a process through which local people can comment on the formal proposals;
- Ensure that Forewind understands the views of the local community so that they can be considered during the development process; and
- Provide feedback on how community consultation has influenced the proposal.

What we will consult on and when

The consultation will be carried out in two formal phases:

Phase One – the site selection process to date (summer 2012)

During Phase One, Forewind will clearly explain the site selection work done to date, including the process to narrow down the locations of the offshore wind farms, landfall and converter station(s). Forewind will set out why the preferred locations have been selected and what further refinement is required. Forewind will ask the local community to provide any comments or information on the site selection work that Forewind should consider when choosing the precise locations for onshore and offshore elements of the project.

Public Exhibition Venues

Venue	Date (2012)	Time
Kirkleatham Museum Redcar, TS10 5NW	Thursday 24 May	2pm – 8pm
Redcar Central Library Kirkleatham Street, Redcar, TS10 1RT	Friday 25 May	11am – 5pm
Lazenby Village Hall High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

Consultation documents (the Preliminary Environmental Information) will also be available at the locations listed below, and on the Forewind website www.forewind.co.uk from 24 May 2012.

The SoCC and PEI will be available for inspection at:

Venue	Address	Post Code
Grangetown Library	171 Birchington Avenue, Middlesbrough	TS6 7LP
Kirkleatham Museum	Redcar	TS10 5NW
Laburnum Road Library	Laburnum Road, Redcar	TS10 3QS
Marske Library	Windy Hill Lane, Marske	TS11 7BL
Mobile Library	For details of routes and timetables, please refer to www.redcar-cleveland.gov.uk or call Redcar Central Library on 01642 472162 or the Mobile Library on 07909 906 324	
Redcar Central Library	Redcar and Cleveland House, Kirkleatham Street, Redcar	TS10 1RT
Roseberry Library	Roseberry Road, Redcar	TS10 4NY
Saltburn Library	Windsor Road, Saltburn-by-the-Sea	TS12 1AT
The Wilton Centre	Wilton, Redcar	TS10 4RF

This constitutes formal notice of the start of the Phase One Consultation. Consultation responses must reach Forewind by Friday 22 June 2012 to ensure that they are considered. However, Forewind will endeavour to consider any responses received outside this period, wherever possible.

Phase Two – the detailed proposals (anticipated to be in 2013)

During Phase Two, Forewind will ask the local community for comments on the detailed proposals for Dogger Bank Teesside. At this stage, Forewind will have gathered and assessed a comprehensive set of data and will be able to explain the potential impacts of the development and any proposed mitigation measures, which may include landscaping.

Prior to Phase Two, Forewind will inform the local community whether it will be submitting a single application for a DCO for the entirety of Dogger Bank Teesside, or whether separate applications will be submitted.

If separate applications are to be submitted, Forewind will explain how the consultation responses received will be applied to each application going forwards.

The exact dates and locations of the Phase Two consultation events have not yet been set but they will be published in the local press and marine journals, and on the Forewind website at least two weeks beforehand. Any response to consultation will need to reach Forewind before the consultation response deadline to ensure that it is considered. The period of the consultation and deadline for responses will be publicised when known.

Environmental Impact Assessment

Dogger Bank Teesside is a development which requires an Environmental Impact Assessment for the purposes of Schedule 2 to the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 and Forewind will compile the Preliminary Environmental Information (PEI) required to assess the environmental impacts of the project.

PEI will be available during both stages of consultation.

Who we will consult

This process (both phases) is designed to engage with the local communities, both onshore and offshore, which may be affected by Dogger Bank Teesside. The consultation area is shown in figure 2.

Forewind will send newsletters and direct invitations to the consultation events to the following people:

- Community groups or organisations with postal addresses in the consultation area, or who are active within the consultation area;
- Parish councils wholly or partly within the consultation area;
- District and county councillors with wards/divisions wholly or partly within the consultation area; and
- Members of UK and European Parliaments with local constituencies wholly or partly within the consultation area.

Anyone else who may be interested in the project is welcome to take part in the community consultation. Events will also be advertised in local newspapers, marine journals and on the Forewind website.

Forewind is engaging with the local, national and international fishing communities directly to ensure that they are up to date with the development proposals and are given the opportunity to provide comments. Details of this consultation process have been published separately in Forewind's Fisheries Liaison Plan. Members of the fishing community are also welcome to engage in the community consultation process.

Forewind will work with the National Infrastructure Directorate and the relevant UK and EU governments to ensure that appropriate international stakeholders are consulted.

The methods we will use to consult

Public exhibitions – Anyone with an interest in Dogger Bank Teesside is welcome to attend the public exhibitions. In addition to the information panels and printed materials, Forewind staff will be at the exhibitions to answer questions. Visitors will be asked to submit feedback and comments via questionnaires.

Newsletters and factsheets – Forewind will produce zone level newsletters and subject-specific factsheets at key stages of the project.

Lodging of consultation documents in public – All PEI documents, questionnaires, factsheets and newsletters will be lodged at Council libraries and other appropriate

Council buildings, as detailed. They will also be available to download from the Forewind website www.forewind.co.uk.

What we will do with responses to consultation

All responses received during consultation will be carefully considered. Details of any responses received during consultation and the account taken of those responses will be included in the consultation report.

This will be submitted with the application for a DCO to the National Infrastructure Directorate and will therefore be made public. For this reason, any responses to Forewind must not contain personal information about any third party without their consent. This is to ensure compliance with the Data Protection Act.

The Consultation Report will demonstrate how Forewind has complied with the consultation requirements of the Planning Act 2008 and will be considered by the National Infrastructure Directorate, both when determining whether to accept the application, and then in examining the application.

Other consultations

This community may be consulted by the promoters of other NSIPs. Where possible, Forewind will avoid scheduling consultation events that overlap with these other consultations. Currently the following NSIPs are listed on the Planning Inspectorate's website for this area:

- Tees Refining Ltd - Teesside Generating Station and Harbour Facilities
- York Potash Limited - Yorkshire Potash Pipeline

Forewind is aware that National Grid Electricity Transmission may also consult the community on the location of its new substation at an appropriate time in its development process.



Figure 2
Dogger Bank Teesside consultation area

How to get in touch with us or obtain more detailed information

Website	www.forewind.co.uk
Email	info@forewind.co.uk
Freephone	0800 975 5636
Post	Freeport RSLY-HKGG-HEBR Forewind Davidson House Forbury Square Reading RG1 3EU



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.3a

Correspondence with Redcar and Cleveland Borough Council on the content of the initial SoCC and any relevant responses from Forewind

Doc.No. F-STL-RP-001

Application Reference 5.1.4

From: Nikki Smith
Sent: 09 March 2012 18:18
To: Pedlow, David (David.Pedlow@redcar-cleveland.gov.uk)
Cc: Gavin Clark
Subject: Dogger Bank Teesside SoCC for Review
Attachments: 20120309 SoCC letter to RCBC.pdf; Dogger Bank Teesside SoCC Consultation Doc for LPA MMO Review.docx

Importance: High

Dear David,

Please find attached a covering letter and copy of the Statement of Community Consultation (SoCC) Consultation Documents for Dogger Bank Teesside. The proposed wording for the SoCC itself is included in Appendix A.

As detailed in the covering letter, I would be grateful if you could review this and send me any comments by **Monday 9th April 2012**.

I am also sending you by post a hard copy of the letter and SoCC Consultation Document, and a CD containing the preliminary environmental information reports, Stakeholder Engagement Plan (StEP) and Fisheries Liaison Plan (FLP).

You can also access the PEI documents, StEP and FLP on our website at the following links:

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[http://www.forewind.co.uk/uploads/files/Zonal%20characterisation%20document%20\(second%20version\).pdf](http://www.forewind.co.uk/uploads/files/Zonal%20characterisation%20document%20(second%20version).pdf)
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- StEP -
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- FLP –
<http://www.forewind.co.uk/uploads/files/111118%20Forewind%20Fisheries%20Liaison%20Plan%20-%20final%20v3.pdf>

If you have any questions, please don't hesitate to contact me.

Kind regards,

Nikki

Nikki Smith

Onshore Consent & Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom
t: +44 (0) 7818 597850

Forewind Ltd
Davidson House
Forbury Square
Reading, RG1 3EU

Our ref: TSSOCC01

Mr David Pedlow
Redcar and Cleveland Borough Council
Redcar and Cleveland House
Kirkleatham Street
Redcar
TS10 1RT

9 March 2012

Dear David,

Reference: Local Authority review of the draft SoCC for Dogger Bank Teesside in accordance with Section 47 of the Planning Act 2008

Please find enclosed the Consultation Documents relating to the Statement of Community Consultation (SoCC) for Dogger Bank Teesside. The proposed wording for the SoCC itself is included in Appendix A.

Under Section 47(2) of the Planning Act 2008, applicants are required to formally consult each Local Authority about the content of the SoCC and therefore I should be grateful if you would let me know if your Council has any comments on the proposed SoCC.

As you are aware, Forewind have not yet decided whether to submit a single application for a Development Consent Order (DCO) for the entirety of the Dogger Bank Teesside development, or whether to submit a number of DCO applications each for an offshore wind farm/s connecting to the national grid at Teesside, and each constituting a Nationally Significant Infrastructure Project (NSIP) as defined by the Planning Act 2008. However, Forewind is proposing to consult the local community on the entirety of the Dogger Bank Teesside development to ensure that the local community understands the full potential scale of the development.

The SoCC sets out a process by which Forewind proposes to consult the local community on Dogger Bank Teesside and takes into account advice that you have given Forewind on an informal basis.

IPC Guidance Note 1 recommends that the Local Authority being consulted on the SoCC should have preliminary environmental information available to ensure that its response can be an informed one. The preliminary environmental information available at this time consists of:

- The Dogger Bank Zonal Characterisation Report (ZoC) – 2nd Edition – Dec 2011
- The Tranche A Selection Report

These reports are available to download from Forewind's website www.forewind.co.uk and I am also enclosing a CD copy. I would also like to reference the meetings we had on 21 September 2011 and 12 January 2012 in which we discussed Forewind's site selection process to date and our consultation process. I would be grateful if you would confirm by return that you consider this preliminary environmental information to be sufficient for the purposes of providing a response to this consultation on the content of the SoCC.

I also enclose on the CD, Forewind's Fisheries Liaison Plan and Stakeholder Engagement Plan which are referenced in the SoCC Consultation Documents. Alternatively, these are also available to download from the Forewind website www.forewind.co.uk.

Under section 47(3) of the 2008 Act, your Council is required to respond to this consultation within 28 days of the date following receipt by your Council of the Consultation Documents. Accordingly, I should be grateful if you could respond on or before Monday 9 April 2012.

Following the end of the period of consultation on the SoCC, Forewind will consider the responses made, before making the SoCC available to the public for review as required by the 2008 Act and in accordance with the proposals set out in section 3.3 of the Consultation Documents.

I confirm that I have written in the same terms to the Marine Management Organisation and look forward to hearing from you in due course.

In the meantime, if you have any questions, please do not hesitate to contact me.

Yours faithfully,

Nikki Smith
Consent and Stakeholder Manager
Forewind Ltd

Enclosures

1. Dogger Bank Teesside Statement of Community Consultation (SoCC) Consultation Documents
2. The Dogger Bank Zonal Characterisation Report (ZoC) – 2nd Edition December 2011
3. The Tranche A Selection Report
4. The Fisheries Liaison Plan
5. The Stakeholder Engagement Plan

From: Pedlow, David [mailto:David.Pedlow@redcar-cleveland.gov.uk]
Sent: 04 April 2012 17:14
To: Nikki Smith
Subject: SoCC Response

Hi Nikki

Please find attached Redcar and Cleveland's response to the draft SoCC.

If you need anything further please contact me.

Kind Regards
David Pedlow
Planning Officer
Development Management
Tel: 01287 612546
Email: david.pedlow@redcar-cleveland.gov.uk

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Redcar, TS10 1RT, Tel: 01642 774 774, Website: www.redcar-cleveland.gov.uk



NOT PROTECTIVELY MARKED / IMPACT LEVEL 0

Redcar & Cleveland Borough Council
Regeneration Services Directorate
Development Management
Redcar & Cleveland House
Redcar
TS10 1RT

Telephone: 01287 612546

Email: david.pedlow@redcar-cleveland.gov.uk

Website: www.redcar-cleveland.gov.uk/Planning

Our Ref: PX0156/2012

Your Ref:

Contact:

Date: 07 March 2014

Dear Ms Smith

Local Authority review of the draft SoCC for Dogger Bank Teesside

I am writing in reference to the consultation document, as detailed above, submitted to Redcar and Cleveland Borough Council on 14th March 2012.

I would request that the reference within the methods we will use to consult section of the SoCC to '*Redcar and Cleveland Councils Customer Service Centres*' be omitted and replaced with '*Council libraries and other appropriate Council buildings*'.

Therefore taking the contents of the draft SoCC into consideration I can confirm that Redcar and Cleveland Council have no adverse or further comments to make with regard to the contents of the report.

I trust the above response is satisfactory, however should you require anything further please contact me on the details above.

Yours sincerely

Mr David Pedlow
Planning Officer

Ian Wardle: DIRECTOR OF REGENERATION SERVICES



this is Redcar & Cleveland

From: Pedlow, David [mailto:David.Pedlow@redcar-cleveland.gov.uk]
Sent: 26 April 2012 10:12
To: Nikki Smith
Subject: RE: Update - Dogger Bank Teesside SoCC

Dear Nikki

I have read the email and consider the content to be acceptable.

If you require any further assistance from the Local Authority please let me know.

Kind Regards
David Pedlow
Planning Officer
Development Management
Tel: 01287 612546
Email: david.pedlow@redcar-cleveland.gov.uk

NOT PROTECTIVELY MARKED/IMPACT LEVEL 0

From: Nikki Smith [mailto:Nikki.Smith@forewind.co.uk]
Sent: 25 April 2012 17:52
To: Pedlow, David
Subject: RE: Update - Dogger Bank Teesside SoCC

Dear David,

Could you please confirm that you have received my e.mail below and if possible, confirm that you are happy with the proposal?

Thank you
Nikki

From: Nikki Smith
Sent: 20 April 2012 19:58
To: David Pedlow (david.pedlow@redcar-cleveland.gov.uk)
Subject: Update - Dogger Bank Teesside SoCC

Dear David,

Thank you for your comments on the draft Teesside SoCC. I have reviewed the SoCC and SoCC Consultation Document in light of comments from Redcar and Cleveland Borough Council and the MMO, as well as changes to the Planning Act made by provisions of the Localism Act which came into force on 1st April.

A key change has resulted in the Localism Act's amendment to the requirements to publish the SoCC. Rather than being required to publish the SoCC in full in a newspaper circulating in the vicinity of the land, we are now obliged to make the SoCC available for inspection by the public in a way that is reasonably convenient for people living in the vicinity of the land and to publish a notice stating

where and when the SoCC can be inspected. For this reason, we will publish a single issue notification in the same publications advertising where the SoCC can be inspected. The SoCC will be available at the following locations, as well as on the Forewind website.

Company / Organisation	Address Line 1	Address Line 2	Post Town	Post Code	Sector
Grangetown Library	171 Birchington Avenue		Middlesbrough	TS6 7LP	Library
Kirkleatham Museum	Kirkleatham		Redcar	TS10 5NW	Museum
Laburnum Road Library	Laburnum Road		Redcar	TS10 3QS	Library
Marske Library	Windy Hill Lane	Markse	Redcar	TS11 7BL	Library
Mobile Library	c/o Roseberry Library	Roseberry Road	Redcar	TS10 4NY	Library
Redcar Central Library	Redcar & Cleveland House	Kirkleatham Street	Redcar	TS10 1RT	Library
Roseberry Library	Roseberry Road		Redcar	TS10 4NY	Library
Saltburn Library	Windsor Road		Saltburn by the Sea	TS12 1AT	Library
The Wilton Centre	Wilton		Redcar	TS10 4RF	Business Wilton Centre

I have added this list of locations to the SoCC to make it clearer where to access the SoCC and the other consultation documents.

I have removed any reference to overhead lines from the SoCC as Forewind has decided to remove this option from the project.

I have included a figure stating approximately how many homes equivalent the power generated by Dogger Bank Teesside would be (3.6 million) at the request of the MMO. I have also included an approximate number of wind turbines (from 300-1600) at the request of the MMO.

We are expecting the public exhibition dates to be Thursday 24th – Sat 26th May inclusive and have chosen Redcar Central Library, Kirkleatham Museum and Lazenby Village Hall as venues.

I am in the process of finalising the text, but in advance of this I would appreciate it if you could confirm that you are happy with my proposed approach to publishing a notice about the availability of the SoCC and also the locations that we have selected for displaying the SoCC (and ultimately the other consultation documents).

I would appreciate it if you could get back to me by Tuesday next week.

Many thanks
Nikki

Nikki Smith

Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom

t: +44 (0) 7818 597850

e: nikki.smith@forewind.co.uk | w: forewind.co.uk

Reg Address: 55 Vastern Road, Reading, RG1 8BU. UK. Reg No: 06779245

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**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.3b

Correspondence with the Marine Management Organisation on the content of the initial SoCC and any relevant responses from Forewind

Doc.No. F-STL-RP-001

Application Reference 5.1.4

From: Nikki Smith
Sent: 09 March 2012 18:18
To: Nathanael Percival (nat.percival@marinemanagement.org.uk)
Cc: Gavin Clark
Subject: Dogger Bank Teesside SoCC for Review
Attachments: 20120309 SoCC letter to MMO.pdf; Dogger Bank Teesside SoCC Consultation Doc for LPA MMO Review.docx

Importance: High

Dear Nat,

Please find attached a covering letter and copy of the Statement of Community Consultation (SoCC) Consultation Documents for Dogger Bank Teesside. The proposed wording for the SoCC itself is included in Appendix A.

As detailed in the covering letter, I would be grateful if you could review this and send me any comments by **Monday 9th April 2012**.

I am also sending you by post a hard copy of the letter and SoCC Consultation Document, and a CD containing the preliminary environmental information reports, Stakeholder Engagement Plan (StEP) and Fisheries Liaison Plan (FLP).

You can also access the PEI documents, StEP and FLP on our website at the following links:

- Zonal Characterisation Report – 2nd Edition -
[http://www.forewind.co.uk/uploads/files/Zonal%20characterisation%20document%20\(second%20version\).pdf](http://www.forewind.co.uk/uploads/files/Zonal%20characterisation%20document%20(second%20version).pdf)
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If you have any questions, please don't hesitate to contact me.

Kind regards,

Nikki

Nikki Smith

Onshore Consent & Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom
t: +44 (0) 7818 597850

Forewind Ltd
Davidson House
Forbury Square
Reading, RG1 3EU

Our ref: TSSOCC02

Mr Nat Percival
The Marine Management Organisation
Lancaster House
Newcastle upon Tyne
NE4 7YH

9 March 2012

Dear Nat,

Reference: MMO review of the draft SoCC for Dogger Bank Teesside

Please find enclosed the Consultation Documents relating to the Statement of Community Consultation (SoCC) for Dogger Bank Teesside. The proposed wording for the SoCC itself is included in Appendix A.

I should be grateful if you would let me know if the MMO has any comments on the proposed SoCC, which sets out a process by which Forewind proposes to consult the local community on Dogger Bank Teesside.

As you are aware, Forewind have not yet decided whether to submit a single application for a Development Consent Order (DCO) for the entirety of the Dogger Bank Teesside development, or whether to submit a number of DCO applications each for an offshore wind farm/s connecting to the national grid at Teesside, and each constituting a Nationally Significant Infrastructure Project (NSIP) as defined by the Planning Act 2008. However, Forewind is proposing to consult the local community on the entirety of the Dogger Bank Teesside development to ensure that the local community understands the full potential scale of the development.

IPC Guidance Note 1 recommends that those being consulted on the content of the SoCC should be provided with preliminary environmental information to ensure that any response can be an informed one. The preliminary environmental information available at this time consists of:

- The Dogger Bank Zonal Characterisation Report (ZoC) – 2nd Edition – Dec 2011
- The Tranche A Selection Report

These reports are available to download from Forewind's website www.forewind.co.uk and I am also enclosing a CD copy. I would be grateful if you would confirm by return that you consider this preliminary environmental information to be sufficient for the purposes of providing a response to this consultation on the content of the SoCC.

I also enclose on the CD, Forewind's Fisheries Liaison Plan and Stakeholder Engagement Plan which are referenced in the SoCC Consultation Documents. Alternatively, these are also available to download from the Forewind website www.forewind.co.uk.

I should be grateful if you could respond on or before Monday 9 April 2012, in line with the 28 day consultation period that has been set for the Local Authority, Redcar and Cleveland Borough Council.

Following the end of the period of consultation on the SoCC, Forewind will consider the responses made, before making the SoCC available to the public for review as required by the 2008 Act and in accordance with the proposals set out in section 3.3 of the Consultation Documents.

I confirm that I have written in the same terms to Redcar and Cleveland Borough Council and look forward to hearing from you in due course.

In the meantime, if you have any questions, please do not hesitate to contact me.

Yours faithfully,

Nikki Smith
Consent and Stakeholder Manager
Forewind Ltd

Enclosures

1. Dogger Bank Teesside Statement of Community Consultation (SoCC) Consultation Documents
2. The Dogger Bank Zonal Characterisation Report (ZoC) – 2nd Edition December 2011
3. The Tranche A Selection Report
4. The Fisheries Liaison Plan
5. The Stakeholder Engagement Plan

From: Percival, Nat (MMO) [<mailto:nat.percival@marinemanagement.org.uk>]
Sent: 13 April 2012 17:54
To: Nikki Smith
Cc: Gavin Clark; Hodson, Ross (MMO)
Subject: 20120413 MMO Response - Dogger Bank Teesside SoCC

Dear Ms Smith

Please find attached the MMO's formal response to the Dogger Bank Teesside Statement of Community Consultation.

If you have any queries with regards to the content of the response then please don't hesitate to contact me.

Kind regards

Nathanael

Nathanael Percival
Aggregates and Renewables Case Officer
Marine Licensing Team
Tel: 0191 376 2523
nat.percival@marinemanagement.org.uk

Marine Management Organisation

From: Nikki Smith [<mailto:Nikki.Smith@forewind.co.uk>]
Sent: 09 March 2012 18:19
To: Percival, Nat (MMO)
Cc: Gavin Clark
Subject: Dogger Bank Teesside SoCC for Review
Importance: High

Dear Nat,

Please find attached a covering letter and copy of the Statement of Community Consultation (SoCC) Consultation Documents for Dogger Bank Teesside. The proposed wording for the SoCC itself is included in Appendix A.

As detailed in the covering letter, I would be grateful if you could review this and send me any comments by **Monday 9th April 2012**.

I am also sending you by post a hard copy of the letter and SoCC Consultation Document, and a CD containing the preliminary environmental information reports, Stakeholder Engagement Plan (StEP) and Fisheries Liaison Plan (FLP).

You can also access the PEI documents, StEP and FLP on our website at the following links:

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- StEP -
<http://www.forewind.co.uk/uploads/files/Dogger%20Bank%20StEP%20FINAL%20PUBLISHED%20v3.pdf>
- FLP –
<http://www.forewind.co.uk/uploads/files/111118%20Forewind%20Fisheries%20Liaison%20Plan%20-%20final%20v3.pdf>

If you have any questions, please don't hesitate to contact me.

Kind regards,

Nikki

Nikki Smith

Onshore Consent & Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom

t: +44 (0) 7818 597850

e: nikki.smith@forewind.co.uk | w: forewind.co.uk

Reg Address: 55 Vastern Road, Reading, RG1 8BU. UK. Reg No: 06779245

The Marine Management Organisation (MMO)

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PO Box 1275
Newcastle upon Tyne
NE99 5BN

Tel: 0191 376 2523

nat.percival@marinemangement.org.uk

Ms N Smith
Forewind Ltd
Davidson House
Forbury Square
Reading
RG1 3EU

Our Ref: REN 263

Date: 13th April 2012

Dear Ms Smith,

DOGGER BANK TEESIDE WINDFARM PROJECT –STATEMENT OF COMMUNITY CONSULTATION, PLANNING ACT 2008 SECTION 47

Thank you for the opportunity to comment on the Dogger Bank Teeside Statement of Community Consultation (SoCC). The Document was submitted to the Marine Management Organisation (MMO) on the 9th March 2012.

The MMO have reviewed the report and I have set out our comments below:

Background

Under section 47 of the Planning Act 2008 it sets out a formal stage of consultation with the local community for any national significant infrastructure project (NSIP). Forewind Ltd has therefore produced a Statement of Community Consultation (SOCC) for their Tranche B Project Dogger Bank Teeside. The SoCC details how Forewind plan to engage with the local community located within the area affected by the windfarm project and how they are going to address any concerns raised.

Points for Consideration

As previously advised in the MMO's response to the Dogger Bank Creyke Beck SoCC 1st November 2011 the MMO stressed the importance of early engagement with the local community throughout the consultation process. Therefore the MMO welcome the 2 phased consultation approach applied to the Dogger Bank Teeside project of which phase 1 will introduce the windfarm project to the local community and allow this group to have early input on the proposal.

The MMO recognise the value of the diverse number of engagement methods (local exhibitions, email, internet, local radio and television) that are to be used to consult with the community in the proposed location of the windfarm project.

At present the Teeside SoCC does not state the precise locations of proposed public exhibitions to be held in the vicinity of the consultation area. In order to target areas where communities will be affected by the project the MMO recommend that a public exhibition be held in the vicinity of the following areas:

- Hartlepool
- Redcar
- Saltburn

- Marske
- Skinningrove

These areas contain crab, lobster and seasonal flat fish trawling fleets, therefore holding an exhibition close to these areas will allow these groups to engage in the consultation process.

It is noted from section 4.3.2 of the SoCC that Forewind intend to consult with the fishing industry directly as part of the Section 42 consultation process. However the MMO advise that engagement is initiated with the North Eastern Inshore fisheries and conservation Authority (NEIFCA) as well as national organisations such as the National Federation of Fishermen's Organisations (NFFO) and European fisheries organisations. This will allow engagement to be achieved with hard to reach groups that otherwise would not have had the opportunity to be involved in the consultation process.

In order to show best practise has been followed in terms of liaison with the fishing industry the MMO recommend that Forewind follow the Fishing Liaison with Offshore Wind and Wet Renewables Group (FLOWW) Best Practice guidance for offshore renewable developers. The MMO would like to advise Forewind that have an extensive list of consultees and stakeholder groups that they would be willing to share in order to assist the consultation coverage and process for the windfarm project.

Appendix A of the SoCC describes the potential energy generation capacity of the windfarm project to be between 9 Gigawatts (GW) to 13GW. As the document is going to be used to consult with the general public the MMO advise that an estimate of how many potential wind turbines are to be constructed and the potential number of homes that could be supplied with energy through the delivery of the project. This will enable the community to understand the scale of the project.

In conclusion, The MMO advises that the above comments are incorporated into the Dogger Bank Teeside SoCC and Section 42 consultation process. However the current document provides a comprehensive engagement plan that will allow the local community and industry affected by the proposals have an input into the project.

If you have any queries, please don't hesitate in contacting me.

Kind regards,



Nathanael Percival
Marine Aggregates and Renewables Case Officer
Marine Management Organisation

From: Nikki Smith
Sent: 04 May 2012 12:10
To: 'Percival, Nat (MMO)'
Cc: Hodson, Ross (MMO); Kim Gauld-Clark
Subject: RE: 20120413 MMO Response - Dogger Bank Teesside SoCC

Dear Nat,

Many thanks for your comments on the draft SoCC. I have updated the SoCC, taking into consideration comments from the MMO and the local authority Redcar and Cleveland Borough Council, as well as changes effected by the Localism Act which came into force on 1 April 2012.

I attach the final version of the SoCC which will be available in libraries in Teesside and on the Forewind website from next week. We are sending copies to all the community consultees defined by the SoCC (recognised community groups and elected representatives). Notices will appear in local newspapers, as well as in the Fishing News and Kingfisher Bulletin from next week which will advertise when and where the SoCC can be inspected, and also details about the forthcoming public exhibitions. I also attach the updated SoCC Consultation Document which will be available to download from our website next week.

We have selected Kirkleatham Museum, Redcar Central Library and Lazenby Village Hall as locations for the public exhibitions. Thank you for your suggestions for venues which you believed would attract more of the fishing community to engage with the consultation process. We have decided to run, in addition to the public exhibitions, three dedicated evening meetings for fishermen in Hartlepool, Redcar and Whitby during the same week as the exhibitions. The fishermen will of course be welcome to attend the exhibitions as well as the fishing meetings if they wish. We will be writing to the fishermen next week to invite them to the meetings and to provide details of the wider community consultation process.

I would like to confirm that we are engaging with the North Eastern Inshore Fisheries and Conservation Authority (NEIFCA) as well as the National Federation of Fishermen's Organisations (NFFO) and European fisheries organisations, on both our Teesside and Croyke Beck developments. We are abiding by the principles of the Fishing Liaison with Offshore Wind and Wet Renewables Group (FLOWW) Best Practice guidance for offshore renewable developers and have appointed a local Fisheries Liaison Representative in Teesside – Phil Walsh who is working in collaboration with Nigel Proctor on our development. I believe Nigel has been in touch with you to request a list of Teesside fishing stakeholders which we will add to our distribution list for the invitations to fishing meetings.

I have included in the SoCC an indicative number of turbines (up to 1600) and an equivalent number of homes (3.6 million per year) to illustrate the scale of the project, as you suggested.

I hope that you have a great bank holiday weekend.

Kind regards,
Nikki

Nikki Smith
Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom
t: +44 (0) 118 9556177 **m:** +44 (0) 7818 597850
e: nikki.smith@forewind.co.uk | **w:** forewind.co.uk

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Subject: 20120413 MMO Response - Dogger Bank Teesside SoCC

Dear Ms Smith

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Kind regards

Nathanael

Nathanael Percival
Aggregates and Renewables Case Officer
Marine Licensing Team
Tel: 0191 376 2523
nat.percival@marinemanagement.org.uk

Marine Management Organisation

From: Nikki Smith [<mailto:Nikki.Smith@forewind.co.uk>]
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Importance: High

Dear Nat,

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As detailed in the covering letter, I would be grateful if you could review this and send me any comments by **Monday 9th April 2012**.

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You can also access the PEI documents, StEP and FLP on our website at the following links:

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<http://www.forewind.co.uk/uploads/files/Dogger%20Bank%20StEP%20FINAL%20PUBLISHED%20v3.pdf>
- FLP –
<http://www.forewind.co.uk/uploads/files/111118%20Forewind%20Fisheries%20Liaison%20Plan%20-%20final%20v3.pdf>

If you have any questions, please don't hesitate to contact me.

Kind regards,

Nikki

Nikki Smith

Onshore Consent & Stakeholder Manager

Forewind Ltd | Davidson House | Forbury Square | Reading | RG1 3EU | United Kingdom

t: +44 (0) 7818 597850

e: nikki.smith@forewind.co.uk | w: forewind.co.uk

Reg Address: 55 Vastern Road, Reading, RG1 8BU. UK. Reg No: 06779245

The Marine Management Organisation (MMO)

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Reg Address: 55 Vastern Road, Reading, RG1 8BU. UK. Reg No: 06779245

From: Nikki Smith
Sent: 09 May 2012 13:34
To: Jaga Rogalska
Subject: FW: Forewind Teeside cable consultation - Fisheries

fyi

From: Percival, Nat (MMO) [<mailto:nat.percival@marinemanagement.org.uk>]
Sent: 09 May 2012 13:21
To: Nigel Proctor
Cc: Nikki Smith
Subject: RE: Forewind Teeside cable consultation - Fisheries

Hi Nigel

Apologies for the delay in responding but below are contacts that you may find useful when engaging with the fishing industry:

Whitby:

Eastern England Fish Producers' Organisation

5 – 7 Fish Market
Pier Road Whitby, YO21 3PU
Tel: 01947 606299 Fax: 01947 606231
Chief Executive: Dave Winspear

Hartlepool:

Keith Williams - Manager Hartlepool Fish Co [Tel:01429891198](tel:01429891198)
Philip Walsh - Vessels under 10 mt contact [Tel:07785538567](tel:07785538567)
Keith Fletcher - Vessels over 10mt contact [Tel:07801346115](tel:07801346115)

Redcar:

Richard Fawcree - Inshore Fisheries Redcar Tel: 01642 482282

We don't have any direct fishing contacts for the Redcar area but Philip Walsh is a NUFTA representative for both Hartlepool and Redcar and may be able to provide you with contacts.

Kind Regards

Nathanael

Nathanael Percival
Aggregates and Renewables Case Officer
Marine Licensing Team
Tel: 0191 376 2523
nat.percival@marinemanagement.org.uk

Marine Management Organisation

From: Nigel Proctor [<mailto:n.proctor@precisionmarine.co.uk>]
Sent: 25 April 2012 14:47
To: Percival, Nat (MMO)
Subject: Forewind Teeside cable consultation - Fisheries

Good afternoon Nathanael,

I have been forwarded your most recent correspondence with Nikki Smith at Forewind (dated 13th April 2012) in respect to their Statement of Community Consultation for the Dogger Bank Teeside project(s). I have been asked to contact you by Forewind in respect to our up and coming consultation with local fishermen, which we hope to commence in the week beginning 21st May. Our experience and knowledge of the area, in conjunction with discussions with our local FLO (Phil Walsh – Hartlepool) dictates that we should hold three dedicated consultation meetings with fishermen, in addition to the Public exhibitions scheduled for the same week. In terms of those fishermen likely to be potentially affected by survey operations, and in the longer term, construction works (cable laying), we have identified fishermen from Redcar and adjacent launch sites, Whitby and Hartlepool, and as a consequence we will be meeting with fishermen at those three principal fishing ports/launch sites. However, whilst we have some information on the local fishermen operating from these sites, we do not have a comprehensive list of all the fishermen and their contact details, you do however state in your correspondence *"The MMO would like to advise Forewind that have an extensive list of consultees and stakeholder groups that they would be willing to share in order to assist the consultation coverage and process for the wind farm project"*. Based on this statement I would like to determine what in the way of local contact details you may be able to provide to ensure that our contact with local fishing interests is both robust and comprehensive. We have an ongoing dialogue with the NFFO and met recently to discuss the Dogger Bank offshore projects as well as the cable routes and landfalls at both Creyke Beck (nr Hull) and the Teeside projects, and we have ongoing dialogue with European member states fishing organisations such as those based in Denmark (DFA), the Netherlands (VisNed etc.), Belgium (SDVO & Rederscentrale), Norway (NFA), as well as France and Germany.

We will be inviting the Chief Fisheries Officer of the North Eastern Inshore Fisheries & Conservation Authority (NEIFCA) to at least one of the fisheries consultation meetings, and I am also a member of the NEIFCA as well as a member of the NEIFCA executive committee, for your information, I am also a member of the North Sea Regional Advisory Council (NSRAC).

Could you provide me with an indication of when I may call you to discuss further what information may be available to us to aid our consultation with fishermen local to the Teeside area.

Kind regards

Nigel

Nigel Proctor BSc. (Hons) MIBiol CBiol
Marine Projects Manager
Precision Marine Survey Limited
Church Farm, Main Road,
Thorngumbald,

East Yorkshire
United Kingdom
HU12 9NE

Tel: 01964 624423
Fax: 01964 623352
Mobile: 07702 730891

E-mail: <mailto:n.proctor@precisionmarine.co.uk>
Web: <http://www.precisionmarine.co.uk>



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**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

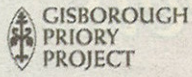
Appendix D.4

Examples of newspaper adverts giving formal notice of the start of the first phase of consultation and providing detail on the publishing of the SoCC

Doc.No. F-STL-RP-001

Application Reference 5.1.4

Fantastic fifth picnic in the Priory



The fifth Picnic in the Priory on Saturday 12 May was a fantastic sunny day attended by more than 1800 people, including more than 600 children.

Visitors enjoyed displays from Thirsk based Birds of Prey Displays and local karate experts and students.

Many stick men (and women) were made thanks to the able assistance of volunteers Elizabeth and Katie. Sticks were transformed with scraps of fabric, googly eyes and lots of imagination. Storyteller, Katherine, clad in a black cassock, told the story of the Stickman to lots of children, many of them clutching their very own stickman.

Whitby Company of Archers helped visitors to try some archery in a special arena behind the great east window of the priory. They were kept busy all day long retrieving arrows and helping novice archers to have a go.

Throughout the day James McGairy worked on a painting of the east window of Gisborough Priory. The finished painting was one of the prizes in the raffle drawn at the end of the day.

To add to the atmosphere, music filled the air throughout the day with sweet melodies from the Gypsy Swing Band and lively rhythms from Ee By Drum. Some visitors even had a go at the drumming themselves.

In the woodland gardens, the teddy bears' picnic trail proved a



Artist, James McGairy, at work on his painting of Gisborough Priory

success, as did the display of green woodworking. Many visitors explored the woodland gardens, which looked beautiful with bluebells and wild garlic in bloom, or tried out the play area.

Gisborough Priory Project stalls were very busy as were the craft stalls, Hog Roast, ice-cream, Cleveland Woodturners and Guisborough Allotment Society stalls.

Gisborough Priory Project volunteers put in a total of 230 hours work on site over Friday and Saturday to prepare and host the event. Lots of other people gave their time and effort to make the day so enjoyable for everyone.

Generous funding to support the day came from ESCO (UK) Ltd, SABIC and Redcar & Cleveland Borough Council. This was put together with funds raised at other Gisborough Priory Project open days throughout the year to provide the day's packed programme.

Gisborough Priory Project volunteer, Judith Arber, said, "We hope visitors have enjoyed today and that they will want to come back again and explore the priory and woodland gardens some more."



A visitor to Picnic in the Priory taking in the flower-filled woodland gardens of Gisborough Priory

Airport prepares to welcome pilgrims again

Durham Tees Valley Airport will once again be welcoming some very special passengers on Friday, June 1st when hundreds of pilgrims fly out to begin their pilgrimage to Lourdes.

The airport has been used for well over 20 years by the Middlesbrough Roman Catholic Diocese for the annual pilgrimage to the shrine in Southern France, made famous by the apparitions of the Virgin Mary in 1858, which is visited every year by millions of people.

This year two aircraft will leave Durham Tees Valley early on the morning of June 1st, taking 350 pilgrims for a week-long visit and Pilgrimage Executive Director Mike Boyes says the support they receive from the airport is vital.

He explains: "This is actually the Diocese's 59th annual pilgrimage to Lourdes. I have been acting as the executive director for 23 years and throughout that period we have used Durham Tees valley, not simply because of its convenience for most of the pilgrims but because of the excellent service and assistance we receive."

Adds Airport Manager Shaun Woods: "It is always a pleasure to welcome the pilgrims. We understand that it is important that they have the support they need to make their trip as comfortable as possible and we work very closely with the organisers to ensure that all their needs are catered for."

"June 1st will be a very busy morning but everyone at the airport will be working to provide a warm welcome and a helping hand."

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Forewind has now published a Statement of Community Consultation (SoCC) for the proposed offshore wind farm development and its associated infrastructure. The statement explains how the local community will be consulted prior to an application being submitted to the Planning Inspectorate.

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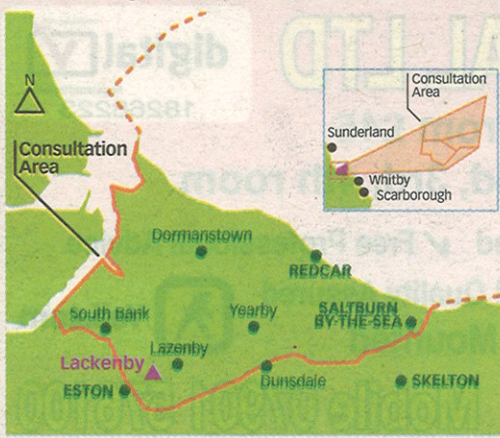


Figure 1
Dogger Bank Teesside Consultation Area



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Davidson House
Forbury Square
Reading RG1 3EU

Effort to ensure safety for deaf

THE deaf and hard of hearing communities have been helped to ensure their homes are safe from fires.

As part of Deaf Awareness Week last week, Cleveland fire brigade, working alongside the Cleveland fire support network, wanted to make sure that every deaf or hard of hearing person has the right smoke alarm for their house.

It's estimated that one million adults in the UK can't hear an ordinary smoke alarm because of hearing difficulties or removing their hearing aid.

Les Jones, inset, head of community safety, said: "It's vital that people who are deaf or hard of hearing ensure they have the right smoke alarm technology in their home."

"A specialist alarm system provides valuable time to escape from a house blaze, and without it lives could be lost."

"Alarms must be tested weekly to make sure they work."

■ Call the fire brigade on Text Phone 01429 874125 or Typetalk on 18001 875 to organise a free home fire safety visit.



BORO OLD BOYS BACK IN TOWN

Legends set to star in charity match

By CHRIS HOLE

chris.hole@eveninggazette.co.uk

A HOST of Boro legends have signed up to an annual fundraiser at the Riverside Stadium.

Spanish star Gaizka Mendieta, former Boro captain George Boateng and defensive favourite Ugo Ehiogu will all take to the pitch tomorrow.

They will join a host of other famous names for the big game, in aid of the Sir Bobby Robson Foundation.

Delighted organiser Andy Clark said: "It's been pretty good and I'm really pleased with how it's gone."

"Obviously Mendieta is a massive name and had quite a few multi-million-pound transfers. He was supposed to play last season but got injured. Boateng says he is looking forward to it and Ugo can't wait. It should be a great night."

Andy had made efforts to entice ex-Boro striker Fabrizio Ravanelli to the Riverside for the game.

Despite him showing willing, other commitments over the weekend mean that he is unable to take part.

However, the Italian has expressed



CONFIRMED: Bernie Slaven, Colin Cooper and Curtis Fleming

a desire in playing in a game on Teesside in the future.

Ex-Boro defender Franck Queudrue was also unavailable due to another commitment in France.

Others confirmed to play are Bernie Slaven, Colin Cooper, Curtis Fleming and Neil Maddison.

Then there's the players who have paid to take part in the fixture, which hopes to raise £10,000.

"The matches are unbelievably hard work to organise," added Andy, 36. "But by the end of it we should have raised nearly £40,000 in total which considering it started off as a daft game is fantastic."

This year's fixture will also be held in memory of two Boro fans.

Grant Harrison, 36, originally from

Stokesley, died on holiday in Thailand in January.

And 12-year-old Tom Gardiner, from Middlesbrough, died from a brain tumour in December. His sister Lucy will be mascot on the day.

The teams will sport the Teessider's names on the back of their shirts.

The side's will run out to AC/DC's Thunderstruck - which Grant believed Boro should use at the Riverside.

Andy, player manager of Middlesbrough Supporters South football team, is one of the players taking part.

But he admits he is awaiting kick-off for a different reason to others.

Andy joked: "I'm excited about it but it's nice when it kicks off and that's all I have to worry about!"

■ The match starts at 7.30pm. Entry on the door is a minimum donation of £2.

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BIG NAME: Gaizka Mendieta is to play in the match

FORMER STARS: George Boateng, left, and Ugo Ehiogu, are also in line to play in the game

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www.wellbeloved.com

A busy day at the market

EARLY bird shoppers are in for a treble treat when Saltburn Farmer's Market celebrates National Honey Week on Saturday, May 12, near Saltburn Railway Station, from 9am.

A Bizzy Bees Family Treasure Hunt gets underway from 9am with clues dotted around all 25 stalls.

The town's Allotment Association will also be on hand to sow flower seeds at their stall - with all children taking part being able to take their new plants home with them.

And, weather permitting, shoppers will be able to see the bees at work at a special

demonstration hive on the day - with all the bees safely behind glass to ensure there'll be no stings at the stalls.

Popular stallholder and beekeeper Allan Stonehouse from Beez Neez Apiary will be bringing a hive along to the market.

A third generation farmer, his family have been based at Paddock House Fruit Farm near Malton in North Yorkshire for almost 30 years.

Allan, who has previously been featured on ITV's Countrywise Kitchen, added: "We have 30 busy hives at the moment, home to a proper big total of 750,000 bees, and each hive produces around 70lb of honey per year."

"It's thought that each bee flies around 500 miles and produces one-and-a-half teaspoons of honey in its lifetime"

The farm's range of traditional and specialist honey has proved a big hit at over a dozen top deli's and eight Farmers' Markets throughout North Yorkshire.

Traditionalists can take their pick from a range of Fine Flower, Field & Forest and Yorkshire Moors Honey, while more adventurous tastebuds can enjoy their honey with a twist - with Honey & Chilli, Honey & Cinnamon and Honey & Ginger all hitting the spot.

A CHORAL extravaganza in aid of Emmanuel Church Hall and Justice First, takes place on Friday, May 18, from 7.30pm, at The Emmanuel Parish Church. There will be five choirs performing, The White Rose singers, The Saltburn Songsters, The Middleton Festival Choir, The Dalesman Singers and and Renaissance. Tickets are £6 and £5 from 01287 624811 and on the night.

GUISBOROUGH Choral Society, conducted by Michael Summers, will perform John Rutter's Magnificat and Eric Whitacre's Five Hebrew Love Songs on Saturday, May 12, at 7.30pm in St Nicholas Parish Church, Guisborough. Tickets at £10, £8 and £1 (under 19s) are from Guisborough Book Shop and Greensleeves Music Shop, both in Chaloner Street.

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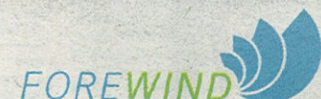
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Fraserburgh prawn fleet's long ball game



Most of the Fraserburgh twin rig prawn fleet have remained in harbour in recent weeks to conserve fishing days

A LARGE proportion of the modern fleet of twin rig prawn trawlers based at Fraserburgh have remained in harbour in recent weeks though weather conditions in the North Sea have generally been moderate to good, writes **David Linkle**.

In facing the customary seasonal scarcity of prawns,

most skippers made the conscious decision to remain in port rather than risk making unviable trips.

Prawn fishing over a wide range of grounds has been poor recently, with low catch-rates being widely reported. When the prawn fishing started to drop off, some Fraserburgh vessels moved to the west

coast to fish from Mallaig, where some skippers have subsequently taken the whitefish option.

Acutely conscious of the need to conserve limited fishing days for later in the year, skippers recognise the longer-term benefits of staying ashore until the prawns reappear.

Herring fishery wants MSC again

THE MSC certified Scottish Pelagic Sustainability Group (SPSG) North Sea herring fishery has entered Marine Stewardship Council (MSC) re-assessment in order to maintain its certification beyond 2013.

MSC fishery certificates last for five years and – for a fishery to maintain its certificate –

it must be reassessed in time for the expiry of the original certificate.

Claire Pescod, UK Fisheries Outreach Manager for the MSC said, "This is great news from a key fishery in Northern Europe.

"The SPSG's support for the MSC has been a real driving force for the organisation

in the region, with the four SPSG fisheries in the MSC programme accounting for 98% of SPSG's annual catches of around 220,000t.

"This is great timing from the SPSG – coming so closely after the certification of the west of Scotland herring fishery – and they have allowed themselves plenty of time to get

the fishery recertified for its 2013 deadline."

SPSG Chairman, John Goodlad said, "Our decision to seek re-assessment of our North Sea herring fishery illustrates the on-going commitment of SPSG to the MSC program."

The SPSG North Sea herring fishery supplies key markets across Eastern and Northern

Europe, Russia and former Soviet Republics with filleted frozen herring.

Fishing takes place during summer months – starting with the niche matjes season in June.

The assessment will be carried out by independent certifier, Food Certification International.

Dogger Bank Teesside – Statement of Community Consultation published

Dogger Bank Teesside is an offshore wind development being proposed by the Forewind consortium as part of the Dogger Bank Zone. It could have a total installed capacity of up to 4.8GW with the potential to generate almost 17TWh of green power every year. That is equivalent to the electricity used by approximately 3.6 million British homes* each year.

The development is proposed to connect into the national grid at the existing Lackenby substation near Eston and potentially at one other new substation, also expected to be located in Teesside. It will comprise up to four offshore wind farms, each with a maximum generating capacity of 1.2GW.

Forewind has now published a Statement of Community Consultation (SoCC) for the proposed offshore wind farm development and its associated infrastructure. The statement explains how the local community will be consulted prior to an application being submitted to the Planning Inspectorate.

Consultation

Pre-application consultation provides the main opportunity for the local community to be engaged with, and help shape, the proposals. This is the time for interested parties to let Forewind know of any feedback on the proposal, particularly those within the Consultation Area (see Figure 1).

The consultation will be carried out in two formal phases:

Phase One – site selection process to date

During Phase One, Forewind will clearly explain the site selection work done to date, and the process to narrow down the locations of the offshore wind farms, landfill(s) and converter station(s).

Consultation documents will also be available to download from the Forewind website and in hard copy at the venues listed from 24 May 2012.

This advertisement is formal notice of the start of the Phase One consultation.

Consultation responses must reach Forewind by Friday 22 June 2012 to ensure their consideration. However, Forewind will endeavour to consider any responses received outside this period wherever possible.

Phase Two – detailed proposals (anticipated 2013)

During Phase Two, Forewind will ask the local community for comments on the more detailed proposals for Dogger Bank Teesside. The exact dates and locations of the Phase Two consultation events have not been set but will be published in the local press and marine journals, and on the Forewind website at least two weeks beforehand, and direct invitations will be sent to community consultees.

*This figure assumes 40% capacity factor and uses the average British home consumption of 4.7MWh per annum.



The SoCC is available for review from today in hard copy at the locations below or alternatively can be downloaded from the Forewind website www.forewind.co.uk.

Venue	Address	Postcode	For opening hours call
Grangetown Library	171 Birchington Avenue, Middlesbrough	TS6 7LP	01642 454417
Kirkleatham Museum	Redcar	TS10 5NW	01642 479500
Laburnum Road Library	Laburnum Road, Redcar	TS10 3QS	01642 484142
Marske Library	Windy Hill Lane, Marske	TS11 7BL	01642 485440
Mobile Library	For details of routes and timetables, please visit www.redcar-cleveland.gov.uk or call Redcar Central Library		
Redcar Central Library	Kirkleatham Street, Redcar	TS10 1RT	01642 444141
Roseberry Library	Roseberry Road, Redcar	TS10 4NY	01642 483326
Saltburn Library	Windsor Road, Saltburn-by-the-Sea	TS12 1AT	01287 623584
The Wilton Centre	Wilton, Redcar	TS10 4RF	01642 438050

Public exhibitions detailing the proposals and enabling community feedback and input will be held at:

Venue	Address	Date (2012)	Time
Kirkleatham Museum	Redcar, TS10 5NW	Thursday 24 May	2 – 8pm
Redcar Central Library	Redcar & Cleveland House, Kirkleatham Street, Redcar	Friday 25 May	11am – 5pm
Lazenby Village Hall	High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

For more information or to submit comments on the proposal:

Website www.forewind.co.uk
Email info@forewind.co.uk

Freephone 0800 975 5636

Post Freepost RSLY-HGK-HEBR
Forewind
Davidson House
Forbury Square
Reading RG1 3EU



Figure 1
Dogger Bank Teesside Consultation Area



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.5a

Example of public letter to advertise the community consultation events and inviting comments on the project

Doc.No. F-STL-RP-001

Application Reference 5.1.4

Our ref: TPEI1.12

xx May 2012

Dear Sir or Madam,

Reference: First stage of formal pre-application consultation on the Dogger Bank Teesside offshore wind development, and invitation to community consultation events

On 24, 25 and 26 May, Forewind will host a series of community consultation events presenting proposals for our offshore wind farm development: Dogger Bank Teesside. We would like to invite you to the events, which will give you the opportunity to meet with the Forewind team, discuss the proposals and provide us with your comments.

Dogger Bank Teesside comprises up to four offshore wind farm projects, which will be located in the Dogger Bank Zone, 156km off the coast of Teesside. They will have the combined potential to generate almost 17 Terawatt Hours (TWh) of green power every year, which is equivalent to the electricity used annually by approximately 3.6 million British homes. The wind farms will connect to the UK's national grid in Teesside and therefore onshore high voltage direct current (HVDC) underground cabling and up to four direct current (DC) to alternating current (AC) converter stations are included in the Dogger Bank Teesside proposals.

Forewind will seek consent to build and operate the Dogger Bank Teesside projects from the Secretary of State for Energy and Climate Change, in accordance with the Planning Act 2008, as amended (the Planning Act).

Forewind has prepared the enclosed Statement of Community Consultation (SoCC) which sets out how we will consult the local community and other non-statutory groups and organisations. You are receiving this letter as your organisation is located or active within the consultation area defined by the SoCC.

There will be three community consultation events as follows:

Venue	Date (2012)	Time
Kirkleatham Museum Redcar, TS10 5NW	Thursday 24 May	2pm – 8pm
Redcar Central Library Kirkleatham Street, Redcar, TS10 1RT	Friday 25 May	11am – 5pm
Lazenby Village Hall High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

Under the Environmental Impact Assessment Regulations, Forewind has to produce Preliminary Environmental Information (PEI) which provides details about the project and its potential impacts. Dogger Bank Teesside PEI1, which comprises a non-technical summary of Dogger Bank Teesside supported by three, more detailed documents (namely the Project Description, the Environmental Impact Assessment Scoping Report, and the Site Selection Report), will be available at the community consultation events, on the Forewind website www.forewind.co.uk and at public libraries from **Thursday, 24 May 2012**. We are also very happy to supply copies on CD on request.

Forewind will also produce a community consultation summary factsheet which will be available at the public events and on the Forewind website.

Forewind invites comments on the Dogger Bank Teesside PEI1 from anyone with an interest in our development proposals. Forewind will consider all consultation responses in developing the project further. Please note that responses may be made public through the application process.

All responses to this consultation must be received by Forewind by Friday, 22 June 2012 to ensure their consideration.

Responses can be submitted in person at the community consultation events or by:

Website:	www.forewind.co.uk	Post:	Freepost RSLY-HKGK-HEBR
Email:	info@forewind.co.uk		Forewind
Freephone:	0800 975 5636		Davidson House
			Forbury Square
			Reading, RG1 3EU

These are the first formal consultation events in connection with Dogger Bank Teesside and we hope that you will be able to attend. We will carry out a second consultation on the more detailed proposals before we submit our application(s) for consent to build and operate the projects. Currently this second consultation is expected to be in 2013.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Nikki Smith".

Nikki Smith
Stakeholder Manager
Forewind

Enclosure: Dogger Bank Teesside Statement of Community Consultation (SoCC)



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.5b

Example of private briefing invitation sent to MPs, MEPs and local and parish councillors in relation to the community consultation events

Doc.No. F-STL-RP-001

Application Reference 5.1.4

Our ref: TPEI1.11

xx May 2012

Dear Sir or Madam,

Reference: First stage of formal pre-application consultation on the Dogger Bank Teesside offshore wind development, and invitation to a private briefing

On 24, 25 and 26 May, Forewind will host a series of community consultation events presenting proposals for our offshore wind farm development: Dogger Bank Teesside. We would like to invite you to a private briefing for elected representatives to give you the opportunity to meet with the Forewind team and discuss the proposals in advance of the public events.

Dogger Bank Teesside comprises up to four offshore wind farm projects, each with a generating capacity of up to 1.2 gigawatts (GW), therefore Dogger Bank Teesside has a total generating capacity of up to 4.8GW. The wind farms will be located in the Dogger Bank Zone, 156km off the coast of Teesside and will have the combined potential to generate almost 17 Terawatt Hours (TWh) of green power every year, which is equivalent to the electricity used annually by approximately 3.6 million British homes. The wind farms will connect to the UK's national grid in Teesside and therefore onshore high voltage direct current (HVDC) underground cabling and up to four direct current (DC) to alternating current (AC) converter stations are included in the Dogger Bank Teesside proposals.

Forewind will seek consent to build and operate the Dogger Bank Teesside Projects from the Secretary of State for Energy and Climate Change, in accordance with the Planning Act 2008, as amended (the Planning Act).

The first stage of formal pre-application consultation on Dogger Bank Teesside will commence on Thursday, 24 May 2012. There will be three community consultation events as follows:

Venue	Date (2012)	Time
Kirkleatham Museum Redcar, TS10 5NW	Thursday 24 May	2pm – 8pm
Redcar Central Library Kirkleatham Street, Redcar, TS10 1RT	Friday 25 May	11am – 5pm
Lazenby Village Hall High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

The private briefings specifically for MPs, MEPs and local and parish councillors, will be held at **1pm on Thursday 24 May at Kirkleatham Museum** and at **10am on Saturday 26 May at Lazenby Village Hall**. You are invited to attend whichever venue is most convenient for you.

If you would like to attend one of these private briefings, it would be very helpful if you could indicate your intentions by confirming with me on nikki.smith@forewind.co.uk or telephone 0800 975 5636.

Alternatively, you are very welcome to attend any of the events during the public opening hours. If you cannot attend any of the events but would like to arrange an alternative time/date to meet, or if you have any questions or feedback, please feel free to contact us using the same details.

Preliminary Environmental Information 1, which comprises a non-technical summary of the Dogger Bank Teesside development supported by three, more detailed documents (namely the Project Description, the Environmental Impact Assessment Scoping Report, and the Site Selection Report), will be available at the public consultation events, on the Forewind website www.forewind.co.uk and at public libraries from Thursday, 24 May 2012. We are also very happy to supply copies on CD on request.

These documents provide information on the status of the project to all stakeholders defined under Section 42 of the Planning Act (this includes statutory bodies, Local Authorities, landowners and any others with an interest in the land affected by the development) and Section 47 of the Planning Act (the local community). Forewind invites comments from these stakeholders and anyone else with an interest in our development proposals.

Consultation responses must be received by Forewind by **Friday, 22 June 2012** to ensure their consideration. Responses can be submitted in person at the community consultation events or by:

Website:	www.forewind.co.uk	Post:	Freepost RSLY-HK GK-HEBR
Email:	info@forewind.co.uk		Forewind
Freephone:	0800 975 5636		Davidson House
			Forbury Square
			Reading, RG1 3EU

Additional details about our community consultation process for Dogger Bank Teesside can be found in the enclosed Statement of Community Consultation (SoCC). The SoCC will be available in local libraries and on the Forewind website from Thursday, 10 May. A notice will be placed in local newspapers from Thursday, 10 May advertising where and when the SoCC can be read.

I look forward to meeting you.

Yours sincerely,



Nikki Smith
Stakeholder Manager
Forewind

Enclosures: Dogger Bank Teesside Statement of Community Consultation (SoCC)



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.6

Community Consultation Information Summary (May/June 2012)

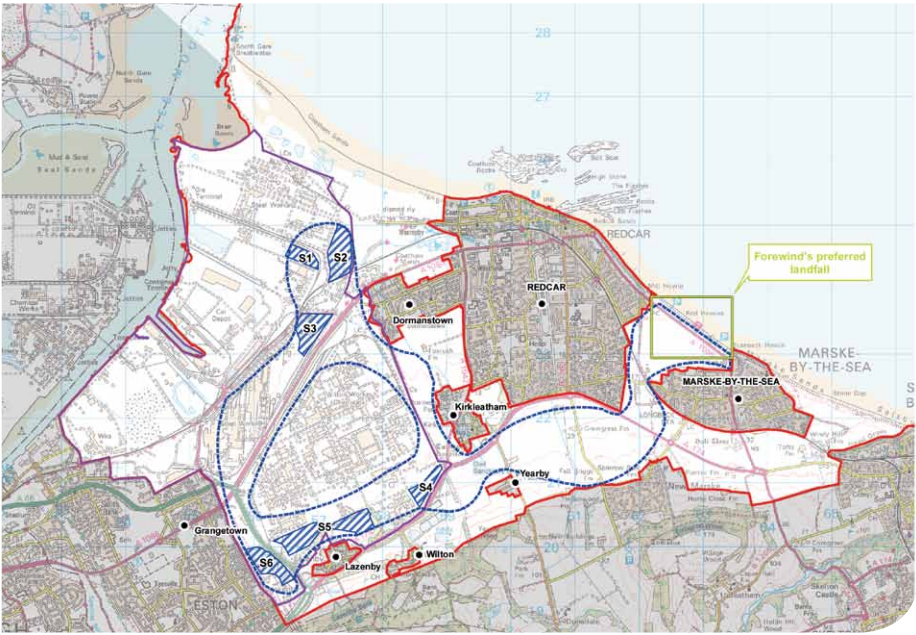
Doc.No. F-STL-RP-001

Application Reference 5.1.4



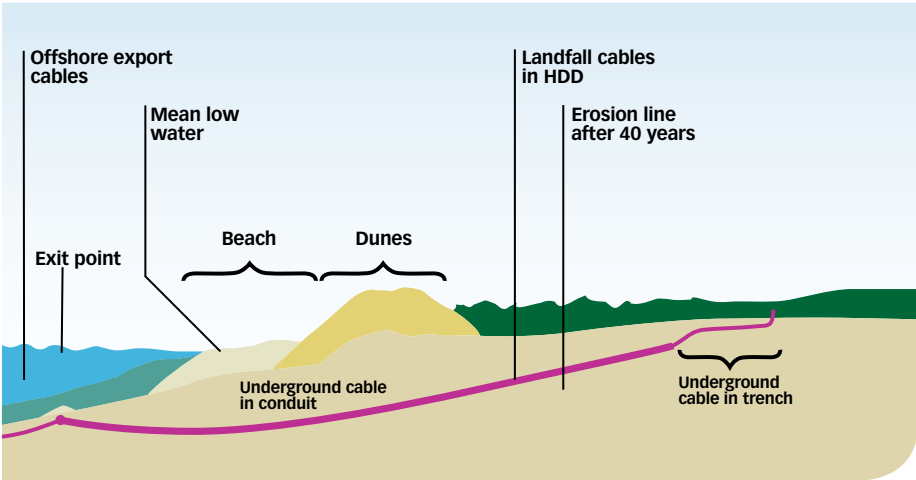
Legend

- Settlement
- Converter station site search envelope
- Scoping area
- ▨ Shortlisted converter station site
- ▤ Indicative area for onshore cabling
- ▤ Forewind's preferred landfall
- Area outside scoping area



Indicative cable area

The proposal is to install underground cables, underground cable joints, temporary construction compounds and temporary haul roads.



Schematic of horizontal directional drilling (HDD) at a landfall

Indicative cable area defined
Due to the uncertainty over the precise sites of the landfall(s) and converter stations, onshore cable route(s) have not yet been identified, however an indicative cable area – including the preferred landfall area and encompassing six short-listed converter station sites – has been identified.

The indicative cable area takes into account the features and constraints that were identified in the characterisation of the onshore study area, including known archaeology and residential zones.

The final cable route(s) are likely to be located within the indicative cable area, but may not be if the landfall area or converter station sites change, or if the results of surveys and stakeholder feedback suggest that they would be better located elsewhere.

The proposal is to install underground cables, underground cable joints, temporary construction compounds and temporary haul roads. A decision was made early in the process to exclude the possibility of overhead power lines. Following the construction period, the construction areas would be reinstated and returned to their former use.

The HVDC cables from the landfall(s) to the converter stations may be installed in one route or in up to four separate routes. The number of HVAC cable routes will depend on the number of converter station sites and the location of the National Grid substation(s). Forewind will refine the cable route(s), through further surveys, assessments and stakeholder feedback.

Consultation



While community and stakeholder consultation is required under the Planning Act 2008, effective and meaningful consultation is integral to Forewind's development approach, along with our commitment to transparency in all our consultation and engagement activity.

Before the formal consent application is submitted for Dogger Bank Teesside, there will be a series of consultations with local communities as well as with statutory and non-statutory stakeholders including the Local Authorities, landowners and the fishing community.

In parallel with the community and landowner consultation Forewind will also engage with the local, national and international fishing communities to ensure they are up to date with the development proposals and are also given an opportunity to provide input on their key issues.

For more details on how Forewind will consult the local community on Dogger Bank Teesside you can refer to its Statement of Community Consultation.

Having your say

Feedback from this consultation will help Forewind to finalise locations for the offshore wind farms and associated infrastructure, offshore export cable routes, cable landfall(s), onshore cable route(s) and converter stations. Forewind welcomes comments on these elements but in particular would appreciate feedback on:

- The project description, including the possible components, the construction methodologies, operation and maintenance and/or decommissioning
- Forewind's proposed approach to the EIA
- Forewind's site selection process to date and whether it is a comprehensive assessment of the relevant alternatives
- Any or all of the six short-listed converter station sites.

Consultation responses must reach Forewind by Friday 22 June 2012 to ensure that they are considered.

However, Forewind will endeavour to consider any responses received outside this period, wherever possible.

You can respond to Forewind via:

Website	www.forewind.co.uk
Email	info@forewind.co.uk
Free phone	0800 975 5636
Post	Freeport RSLY-HKGG-HEBR Forewind Davidson House Forbury Square Reading RG1 3EU

Indicative development programme for Dogger Bank Teesside

Date	Activity
By mid 2012	First stage of statutory consultation
2012 – 2013	Environmental surveys and reporting
Mid 2013	Second stage of statutory consultation
By end 2013	Submit application(s) for Development Consent Order(s)
Mid 2015	Application(s) determined
2015 – 2017	Pre-construction phase
2016 – 2021	Construction
2017 onwards	Operation



DOGGER BANK
TEESSIDE

May/June
2012

Community Consultation
Summary

Development of Dogger Bank Teesside



Dogger Bank Teesside will comprise up to four wind farms, each with a maximum installed capacity of 1.2GW.

Dogger Bank Teesside is the second stage of Forewind’s development of the Dogger Bank Zone. It follows Dogger Bank Creyke Beck, a 2.4GW development, which will comprise two wind farm projects connecting in to an existing substation in the East Riding of Yorkshire.

Dogger Bank Teesside will comprise up to four wind farms, each with a maximum installed capacity of 1.2GW. They are expected to connect to the national grid in Teesside, just south of the Tees Estuary.

The whole development could have a total generating capacity of up to 4.8GW which means Dogger Bank Teesside has the potential to generate almost 17 Terawatt hours (TWh) of green power every year, which is equivalent to the electricity used annually by approximately 3.6 million British homes*.

Forewind expects that at least two of the wind farms will connect to the existing National Grid Lackenby Substation, which is near Eston, and that the other two wind farms will connect into a new substation which National Grid plan to build to upgrade an existing facility in Teesside.

The location of the new substation is not yet known but it is also likely to be south of the Tees Estuary in the industrial area of Teesside.

At the end of the development phase, Forewind will either submit a single combined application for four wind farm projects or may submit up to four separate applications for individual wind farm projects with a maximum generating capacity of 1.2GW each (making a combined total installed capacity of 4.8GW). Stakeholders will be informed how many applications will be submitted at the final stage of consultation.

Offshore wind farm

The offshore element of Dogger Bank Teesside will comprise:

- Up to 1600 wind turbine generators with the number dependent on the size of turbine selected (which could be from 3MW to 10MW)
- Alternating current (AC) cabling between the offshore wind turbine generators (inter-array cabling) and offshore platforms
- Offshore collector stations and offshore AC to direct current (DC) converter stations including foundations and scour protection

* This calculation assumes a capacity factor of 40% and uses an average British home electricity consumption of 4.7MWh per annum

Legend

- Potential Teesside landfall areas
- Converter station site search envelope
- Dogger Bank Teesside scoping envelope
- Area outside of scoping envelope
- Settlement
- High cliffs
- Landfall search envelope

Designations

- National trails – Cleveland Way
- Ancient woodland
- Country park
- Important bird area
- RSPB nature reserve
- RAMSAR
- SPA
- SSSI
- Heritage coast
- Anchoring prohibited
- Teesside Offshore Wind Farm (under construction)
- Local planning policy – Green Wedges

Cultural Heritage Designations

- Listed building
- Parks & gardens
- Scheduled monument

Cables

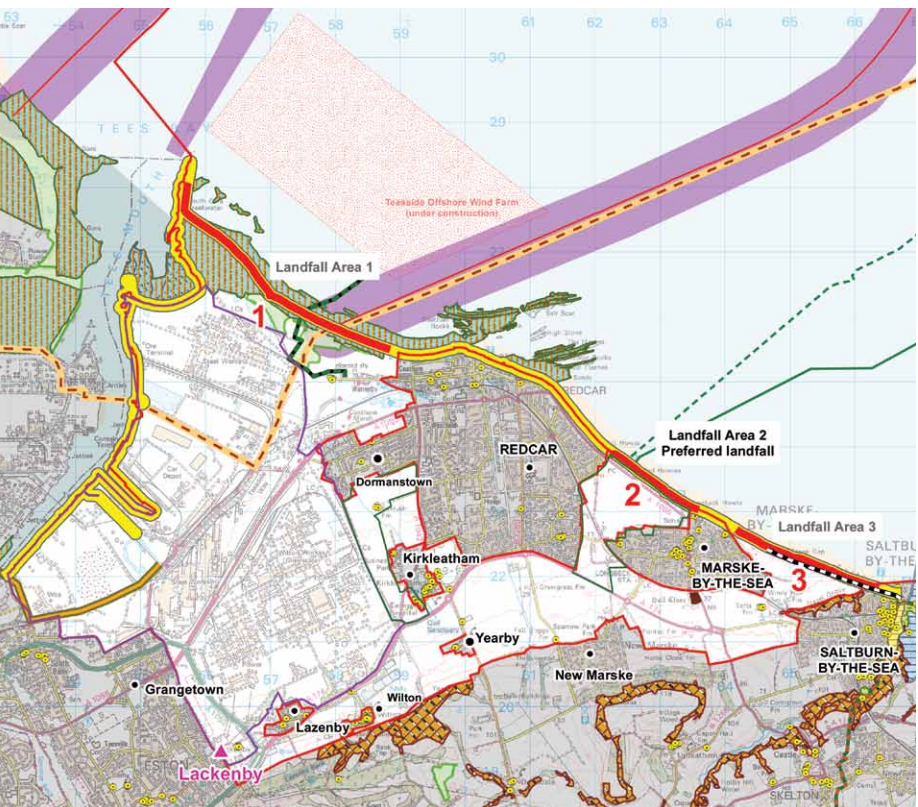
- Out of service telecommunication cable
- Active telecommunication cable
- National Grid cable
- Teesside Offshore Wind Farm export cable (under construction)

Pipelines

- Active pipeline
- Breagh pipeline (under construction)

National Grid

- Lackenby National Grid Substation



Potential landfall areas. Area 2 is preferred.

- Offshore operations and maintenance infrastructure including offshore accommodation
- Permanent moorings, navigational buoys and scour protection measures
- Offshore meteorological masts and metocean equipment
- Offshore high voltage direct current (HVDC) export cable systems from the offshore AC to DC converter stations to the landfall on the Teesside coastline
- Crossing structures at the points where the export and inter-array cables cross existing subsea cables and pipelines
- Buried onshore cable joints at the landfall where the offshore export cables come onshore and join the onshore cables.

The boundaries for each of the projects will be identified following on-going stakeholder consultation, detailed consideration of environmental impacts and on-going engineering feasibility and design studies.

Selection of landfall location

The landfall location is the stretch of coastline Forewind considers as the most feasible to bring its export cables ashore having taken into account a range of technical, commercial, environmental and ecological considerations. As Dogger Bank Teesside comprises four offshore wind farm projects, the export cables from each of these may come ashore at the same location or at four separate locations.

To seek the best locations to bring these cables ashore, Forewind first defined both an onshore study area and nearshore cable corridor area. Through characterisations of these areas, onshore or nearshore constraints associated with potential landfalls were identified and reviewed while technical coastline constraints of the coastline were also assessed. Following this work, and through consultations with a number of stakeholders, three broad potential landfall areas were identified.

Two of these areas – Area 1 and Area 3 – were significantly constrained by either existing or planned facilities and infrastructure, international and national ecological designations or high cliffs and urban development.

The other area – Area 2 – is backed by soft eroding cliffs, which vary in height from around 5m to 15m. Unlike high cliffs, these are considered to be suitable for cable burial with the use of horizontal directional drilling. This 1.5km stretch of coastline between Redcar and Marske-by-the-Sea has been identified as the preferred landfall area.

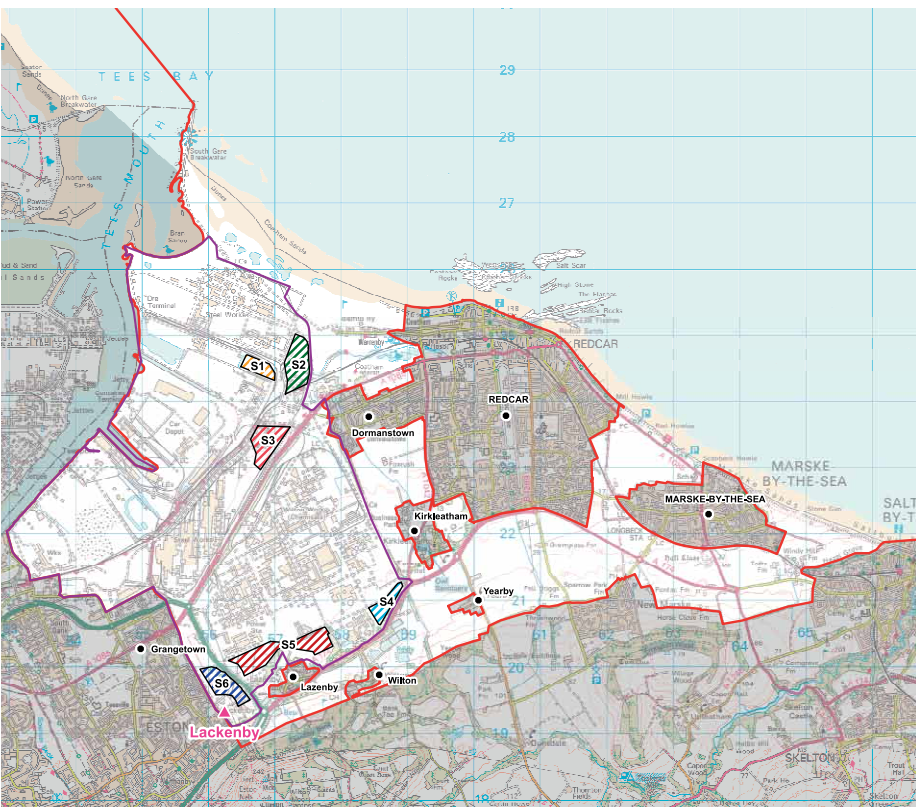
Forewind will now undertake further onshore and nearshore surveys at, and around, landfall Area 2 and the results, as well as stakeholder consultation, will help to further refine the appropriate stretches of landfalls within that area.

Legend

- Settlement
- Lackenby National Grid substation
- Converter station site search envelope
- Teesside scoping envelope

Shortlisted converter station sites

- S1
- S2
- S3
- S4
- S5
- S6
- Outside of scoping envelope



Shortlisted converter stations sites

Offshore export cable corridors

An offshore cable route study area was identified between the Dogger Bank Zone and the onshore study area at Teesside.

Forewind plans to route the four separate Dogger Bank Teesside offshore export cable systems within two offshore corridors between the zone and the landfall. As the location of the two export cable corridors depends on the locations of the Dogger Bank Teesside projects within the zone and the location of the landfall area(s) – both of which are not yet finalised – the cable corridors have not yet been identified.

Onshore converter stations

Onshore converter stations will be needed to convert the electricity carried by the onshore cables from high voltage direct current (HVDC) to high voltage alternating current (HVAC) so that it can be fed into the UK transmission network.

Site selection process

The proposals for Dogger Bank Teesside will include up to four onshore converter stations which may be co-located on a single site or split over two separate sites. The onshore converter stations will be connected to the National Grid substation(s) by underground HVAC cables.

To date, Forewind has defined and characterised a broad onshore study area including all of the landfall areas, and has carried out a more detailed assessment of a converter station site search envelope identified earlier. Using a phased approach, six short-listed converter station sites have now been selected, which could each accommodate converter stations for at least two projects.

The identification of the final converter station site(s) will be determined by a number of factors, including consultation feedback.

Following selection of the converter station site(s) an Environmental Impact Assessment (EIA) will be undertaken which will consider a range of subjects, including impacts on the landscape, noise, ecology and residential amenity.

National Grid substations

National Grid is responsible for acquiring the necessary consents and undertaking work at its own substations to connect Dogger Bank Teesside to the national grid. Called enabling actions, Forewind will consider these works in its EIA for Dogger Bank Teesside. National Grid has not yet carried out the detailed engineering assessments needed to identify the enabling actions but Forewind will aim to include details in future consultation materials.



**DOGGER BANK
TEESSIDE A & B**

**March
2014**

Consultation Report

Appendix D.7

**Non-Technical Summary of the Preliminary
Environmental Information (PEI)**

Doc.No. F-STL-RP-001

Application Reference 5.1.4



**DOGGER BANK
TEESSIDE**

May 2012

Non-Technical Summary - NTS

Preliminary Environmental Information 1 (PEI1)

Dogger Bank Teesside PEI1 Non-Technical Summary

Document no. :

Contract no. (if applicable):

Project:

Dogger Bank Teesside

Overview:

Non-technical summary of the first stage of preliminary environmental information for Dogger Bank Teesside. Produced to support consultation under section 42 and section 47 of the Planning Act 2008 as amended.

Prepared by:

Forewind

Date:

May 2012

Signature:



Approved by:

Forewind

Date:

May 2012

Signature:



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1 Introduction

Purpose of this document

- 1.1 This document (and appendices) constitutes the first stage of Preliminary Environmental Information for Dogger Bank Teesside (Dogger Bank Teesside PEI1). It has been produced to support the first stage of pre-application consultation in accordance with sections 42 and 47 of The Planning Act 2008 as amended (“the Planning Act”), which Forewind Limited (“Forewind”) is carrying out in relation to its offshore wind farm development proposals for Dogger Bank Teesside.
- 1.2 Appendix B to this document is the Dogger Bank Teesside Environmental Assessment Scoping Report (“the Scoping Report”). This document has been produced to support a formal request for a scoping opinion in accordance with Regulation 8 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 as amended by the Infrastructure Planning (Environmental Impact Assessment) (Amendment) Regulations 2011 (“the EIA Regulations”). Certain statutory bodies will also be consulted by the National Infrastructure Directorate (NID) of the Planning Inspectorate on the Scoping Report and this consultation will run in parallel with Forewind’s section 42 and section 47 consultation on Dogger Bank Teesside PEI1. Further details are provided in Section 4.
- 1.3 Forewind has already consulted some stakeholders on Dogger Bank Teesside through the Zone Appraisal and Planning (ZAP) phase and the Dogger Bank Teesside site selection process (both of which are further described in Section 2). Stakeholder comments from these consultations, along with information on the relevant environmental, technical and commercial considerations associated with the construction and operation of offshore wind farm projects has informed the decisions and the information presented in this document.

Policy context

- 1.4 Forewind is promoting the Dogger Bank Teesside offshore wind farm development. The development could comprise up to four offshore wind farm projects, each with a generating capacity of up to 1.2 Gigawatts (GW). Therefore, the development could have a total generating capacity of up to 4.8GW. Associated infrastructure, including electrical connections into the national grid transmission network in Teesside, is also part of the proposed development.

- 1.5 Dogger Bank Teesside has the potential to generate almost 17 Terawatt hours (TWh) of green power every year, which is equivalent to the electricity used annually by approximately 3.6 million British homes¹.
- 1.6 Each of the Dogger Bank Teesside projects is classified as a Nationally Significant Infrastructure Project (NSIP) under Section 14 of the Planning Act and requires authorisation by the grant of development consent by means of a development consent order (DCO). The National Infrastructure Directorate (NID) of the Planning Inspectorate is responsible for examining applications for DCOs and for making a recommendation to the relevant Secretary of State as to whether development consent should be granted or refused. The Secretary of State will then determine the application. Therefore, Forewind will submit its applications for DCOs to the NID and the Secretary of State for Energy and Climate Change will determine the applications.
- 1.7 Due to the scale of Dogger Bank Teesside, Forewind may decide to submit either one application for a DCO for the entirety of the up to 4.8GW development, or up to four separate DCO applications. Each application will request consent to construct and operate both the offshore and onshore elements of that project.
- 1.8 The Planning Act places a statutory duty² on Forewind to consult stakeholders before an application for a DCO is submitted. This consultation is the first stage of statutory consultation that Forewind will carry out on Dogger Bank Teesside.
- 1.9 Further information on the Planning Act and the Planning Inspectorate, including copies of relevant legislation and guidance is available from the Planning Inspectorate's website: <http://infrastructure.independent.gov.uk>.

Objectives of this consultation

- 1.10 Through publication of these documents and consulting stakeholders, Forewind will:-
 - Provide information on the current status of its development proposals for Dogger Bank Teesside;
 - Provide an opportunity for those with an interest or those who might be affected to comment on, or ask questions about, the current status of its development proposals;
 - Provide an opportunity for stakeholders to influence the location of the onshore converter stations, onshore cable route(s), offshore cable corridor(s) and offshore wind farms within the boundaries specified for development; and

¹ This calculation assumes a capacity factor of 40% and uses an average British home electricity consumption of 4.7 MWh per annum

² Part 5, Chapter 2 of the Planning Act 2008 as amended.

- Identify as many individuals or organisations as possible who have the potential to be affected by the development.
- 1.11 This document does not contain a full set of environmental information on Dogger Bank Teesside as it is still very early in the development process. Detailed environmental information will be included in the Environmental Statement(s) (ES) produced to support the DCO application(s) following completion of the environmental surveys, environmental impact assessment (EIA), further consultation and engineering design. More information on how the ES(s) will be developed is included in Section 4 and *Appendix B – The Scoping Report*.

Consultation documents

- 1.12 The Dogger Bank Teesside PEI1 and its appendices provide information on –
- Forewind and its broader development proposals at Dogger Bank,
 - The Dogger Bank Teesside development proposal,
 - The approach to the environmental impact assessment (EIA), and
 - The site selection process to date, which has led to the identification of –
 - Tranche A and Tranche B (the areas of the Dogger Bank Zone within which the offshore elements of Dogger Bank Teesside will be wholly or partly located);
 - A broad offshore cable route study area between the zone and the onshore study area which will contain the offshore export cables;
 - Three landfall areas, of which one is Forewind’s preferred landfall;
 - An indicative onshore cable area; and
 - Forewind’s short list of six onshore converter station sites.
- 1.13 Table 1 shows how the documents that comprise Dogger Bank Teesside PEI1 have been packaged together and the information that they include.

Table 1 PEI1 consultation documents

Document	Description
Non-Technical Summary (NTS) of Dogger Bank Teesside Preliminary Environmental Information 1 (PEI1)	The overarching consultation document intended to provide an overview of the current status of Forewind’s development proposals for Dogger Bank Teesside.

Appendix A – Project Description	Provides initial information about the possible components and construction methodologies for Dogger Bank Teesside in more detail than the NTS.
Appendix B – Dogger Bank Teesside Environmental Assessment Scoping Report (The Scoping Report)	Forewind’s approach to the Environmental Impact Assessment. Forewind has formally requested a Scoping Opinion ³ from the National Infrastructure Directorate of the Planning Inspectorate in parallel with this consultation.
Appendix C – Site Selection Report	Provides further information on the site selection process for Dogger Bank Teesside undertaken to date. In particular, it explains the rationale for Forewind’s preferred cable landfall location and the shortlisted onshore converter station sites. It is supported by a number of technical reports.

1.14 The PEI1 consultation documents reference a number of additional documents and reports, which can be found on the Forewind website. They do not form part of the formal consultation document package for this stage of consultation but Forewind welcomes comments on these documents at any time:

- Stakeholder Engagement Plan (StEP) – a document which sets out how Forewind proposes to engage with its stakeholders throughout its broader development process;
- Statement of Community Consultation (SoCC) – a document specific to Dogger Bank Teesside which explains how the local community will be consulted on Forewind’s development proposals for these projects;
- Fisheries Liaison Plan (FLP) – a document which explains how Forewind proposes to consult with the fishing community throughout its broader development process;
- The Zonal Characterisation Report (ZoC) second version – this document provides an overview of the development considerations in the Dogger Bank Zone; and
- The Tranche A Selection Report and Tranche B Selection Report – these reports explain how the tranche boundaries were selected

³ In accordance with Regulation 8 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009

Availability of the consultation documents

- 1.15 The PEI1 documents have been published on the Forewind website www.forewind.co.uk, and made available to the local community in hard copy in local council libraries and other appropriate Redcar and Cleveland Borough Council buildings as shown in Table 2. Forewind is happy to provide copies of the PEI1 documents on CD on request.

Table 2 Locations where the PEI1 documents will be available in hard copy

Venue	Address	Post Code
Grangetown Library	171 Birchington Avenue, Middlesbrough	TS6 7LP
Kirkleatham Museum	Redcar	TS10 5NW
Laburnum Road Library	Laburnum Road, Redcar	TS10 3QS
Marske Library	Windy Hill Lane, Marske	TS11 7BL
Mobile Library	For details of routes and timetables, please refer to http://www.redcar-cleveland.gov.uk or call Redcar Central Library on 01642 472162 or the Mobile Library on 07909 906 324	
Redcar Central Library	Redcar and Cleveland House, Kirkleatham Street, Redcar	TS10 1RT
Roseberry Library	Roseberry Road, Redcar	TS10 4NY
Saltburn Library	Windsor Road, Saltburn-by-the-Sea	TS12 1AT
The Wilton Centre	Wilton, Redcar	TS10 4RF

- 1.16 Forewind has written to all consultees defined by section 42 of the Planning Act (whom Forewind has been able to identify so far) to notify them that the consultation documents are available and has sent them a CD copy and link to the Forewind website. Section 42 consultees include local authorities, statutory undertakers, landowners and others with an interest in the land, and others prescribed by the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009.
- 1.17 Forewind has extended its consultee list beyond those prescribed by the Planning Act to include various organisations that might be interested in or

affected by the development. Forewind has written to these non-prescribed consultees to notify them of the consultation process and where they can access the consultation documents.

- 1.18 Forewind has produced a Statement of Community Consultation (SoCC) for Dogger Bank Teesside which sets out where and when the consultation documents will be available to the local community. Forewind has written to all community consultees (as defined by the SoCC) to provide them with a copy of the SoCC and to notify them of the consultation and public exhibitions. A notice was placed in local newspapers to advertise where and when the SoCC is available for inspection. The notice also advertised the public exhibitions for this first phase of formal consultation. The consultation documents will be available at the exhibitions in hard copy for reference, and on CD to take away. The public exhibitions will be held at –

Table 3 Public exhibition venues

Venue	Date (2012)	Time
Kirkleatham Museum Redcar, TS10 5NW	Thursday 24 May	2pm – 8pm
Redcar Central Library Kirkleatham Street, Redcar, TS10 1RT	Friday 25 May	11am – 5pm
Lazenby Village Hall High Street, Lazenby, TS6 8DU	Saturday 26 May	11am – 5pm

How to respond to this consultation

- 1.19 Forewind welcomes all comments on the PEI1, but in particular would appreciate feedback on the following:
- Any element of the project description, including comments on the possible components, the construction methodologies, operations and maintenance and/or decommissioning;
 - Any element of Forewind's proposed approach to the EIA⁴;
 - Whether Forewind's site selection process to date is a comprehensive assessment of the relevant alternatives;

⁴ Please note that statutory stakeholders notified under Regulation 9 of the EIA Regulations must submit any such comments to the NID. Scoping responses may also be **copied** to Forewind as part of the section 42 response. All other stakeholders should send their comments on the approach to EIA to Forewind.

- Comments on any or all of the six short listed converter station sites; and
- Whether there is any other information or data that Forewind should take into account when finalising the locations of the Dogger Bank Teesside:
 - Offshore wind farms and associated offshore infrastructure;
 - Offshore cable route(s);
 - Landfall(s);
 - Onshore cable route(s); and
 - Onshore converter stations.

1.20 In accordance with Section 45 of the Planning Act, Forewind has set a deadline for responses to this consultation. This **deadline is the 22 June 2012** which allows at least 28 days to respond, following the day that stakeholders receive the consultation documents and the first day of the public exhibitions.

1.21 **Consultation responses must be received by Forewind before the deadline of this consultation, to ensure that they are considered.** However, Forewind will endeavour to consider responses received outside this period where possible.

1.22 Stakeholders can respond to Forewind at the following e.mail, freephone telephone number or freepost address, or in person at the public exhibitions.

Website: www.forewind.co.uk

e.mail: info@forewind.co.uk

Phone: 0800 975 5636

Post: Freepost RSLY-HKGK-HEBR
Forewind,
Davidson House,
Forbury Square,
Reading,
RG1 3EU

1.23 Any stakeholder that has been notified by the NID under Regulation 9 of the EIA Regulations, that they are a consultation body (as defined by the EIA Regulations) for Dogger Bank Teesside must ensure that their Scoping Response is submitted to the NID by the NID's deadline. The NID will send out a separate communication relating to their consultation on the Scoping Report. These stakeholders may *copy* their Scoping Response to Forewind as part of a response to the PEI1 consultation.

What happens next?

- 1.24 Responses received during this consultation period will be used to inform the ongoing development of Dogger Bank Teesside. In particular they will be used, along with the output of discussions with landowners and further environmental survey work to -
- Identify the location and layout of the offshore wind farm components;
 - Identify the final location of the offshore cable route(s);
 - Identify the final location of the landfall area(s);
 - Identify the final location of the onshore cable route(s);
 - Identify the final location of the onshore converter stations;
 - Update the project description; and
 - Inform the scope of the environmental impact assessment.
- 1.25 It is important that consultation responses are received before the deadline of this consultation. This will ensure that Forewind has the best opportunity to include responses in its ongoing considerations.
- 1.26 Forewind will continue to consult stakeholders on a non-statutory basis throughout the development of the projects until the detailed proposals are refined. At that stage, Forewind will carry out a second stage of statutory consultation with prescribed consultees, the local community and the general public.
- 1.27 An indicative programme for Dogger Bank Teesside, based on current anticipated grid connection dates, is shown in Table 4.

Table 4 Indicative programme

Date	Activity
Q2 2012	First stage of statutory consultation
2012 – 2013	Environmental surveys and reporting
Q3 2013	Second stage of statutory consultation
Q4 2013	Submit application(s) for DCO(s)
Q2 2015	Application(s) determined
2015 – 2017	Pre-construction phase

2016 – 2021	Construction
2017 onwards	Operation

1.28 If you have any comments on the proposals at any time, please let us know.

2 Forewind and the Dogger Bank Zone

Forewind

- 2.8 Forewind is a consortium comprising four leading international energy companies which joined forces to develop the Dogger Bank Offshore Wind Farm Zone as part of The Crown Estate's Round 3 development process for UK offshore wind farms. The consortium includes -



RWE npower renewables is the UK subsidiary of the German renewable energy company RWE Innogy (part of RWE AG) that has a strong, diversified position in renewables with significant ambition for growth throughout Europe.



SSE is one of the largest energy companies in the UK and is involved in the generation, transmission, distribution and supply of electricity; the storage, distribution and supply of gas; telecommunications; contracting; and other energy services.



Statkraft is Europe's leader in renewable energy. The group develops and generates hydropower, wind power, gas power and district heating, and is a major player on the European energy exchanges. Headquartered in Norway, Statkraft is active in more than 20 countries.



Statoil is an international energy company with operations in 34 countries. Building on more than 35 years of experience from oil and gas production on the Norwegian continental shelf, Statoil is committed to accommodating the world's energy needs in a responsible manner, applying technology and creating innovative business solutions. Statoil is headquartered in Norway with 20,000 employees worldwide, and is listed on the New York and Oslo Stock Exchange.

- 2.9 Each of the four owners – all leading players in their own right - recognise that by joining forces they have a unique ability to both make a significant

contribution to the future of wind energy in the UK and demonstrate commitment to the continuing development of offshore wind.

- 2.10 Forewind is committed to securing all the necessary consents required for the construction and development of Dogger Bank, the first of which is anticipated in 2014.

The Crown Estate and Round 3

- 2.11 In June 2008, The Crown Estate announced proposals for the third round (Round 3) of offshore wind farm leasing. Under the Round 3 process, nine development 'zones' were identified by The Crown Estate, with a combined target energy generation capacity of 25GW.
- 2.12 On the 8th January 2010, following a competitive tender process, The Crown Estate announced the successful bidders for each of the Zones. Forewind was awarded the development rights for the largest Zone; Dogger Bank.



Figure 1 Location of the Dogger Bank Offshore Wind Farm Zone

Zone development process

- 2.13 Forewind has the objective to achieve development consent for a target installed capacity of 9GW of offshore wind farm projects but believes that the zone has the potential to deliver up to 13GW. This figure equates to almost 10 per cent of the UK's projected electricity requirements. If fully developed, it is likely to be the world's largest offshore wind project.
- 2.14 To ensure that the work associated with meeting this objective is managed effectively, and to more evenly distribute demands on stakeholders and the supply chain, Forewind has proposed to develop the offshore zone sequentially in four stages, known as tranches. The Zone Development Process is represented in Figure 2 below.

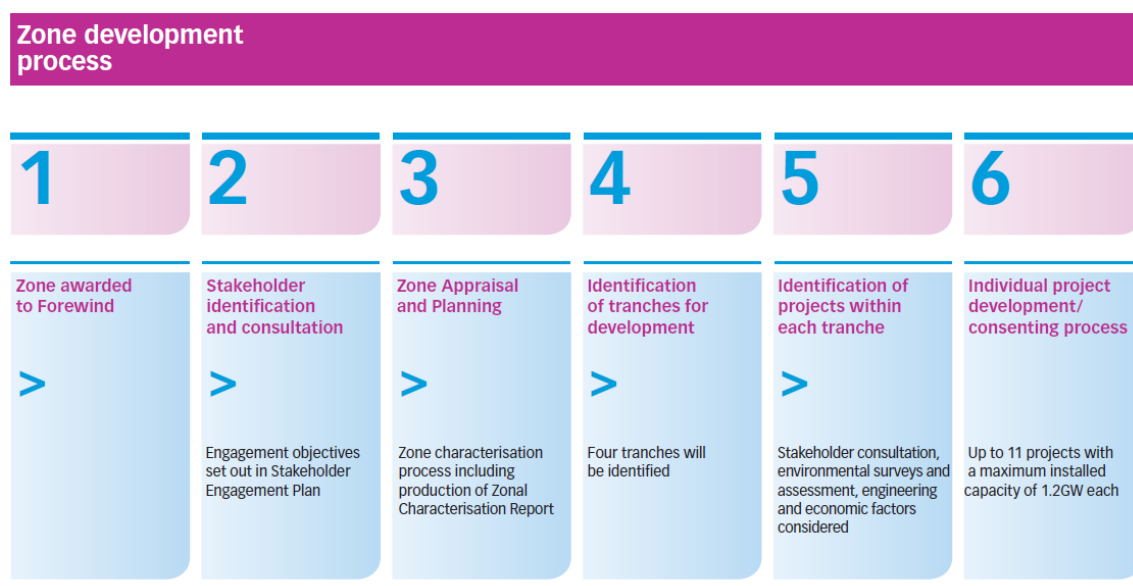


Figure 2 Zone Development Process

- 2.15 The ongoing Zone Appraisal and Planning (ZAP) process uses both the available information and the outcome of stakeholder consultations to identify the optimum location of the offshore tranches. Tranche A was identified in 2010, Tranche B was identified in October 2011 and Tranche C and D will be defined at a later stage.
- 2.16 The information collected so far in the ZAP process is included in the Zonal Characterisation Document (second version) which is available to download from the Forewind website <http://www.forewind.co.uk/downloads/zone.html>.
- 2.17 Note that stages three to six will be repeated for each tranche and stages five and six are likely to overlap with the project development and consenting process which is described further below.
- 2.18 Within each tranche, Forewind aims to identify up to three project sites, each with a generating capacity of up to 1.2GW. The relatively large area of each tranche has been deliberately selected to ensure that the location of those projects remains flexible throughout the data collection and stakeholder consultation phase. The identification of the individual projects will take into account stakeholder discussions and due consideration of environmental and engineering factors.

Project development and consenting process

- 2.19 The project development and consenting process has been summarised in Figure 3.

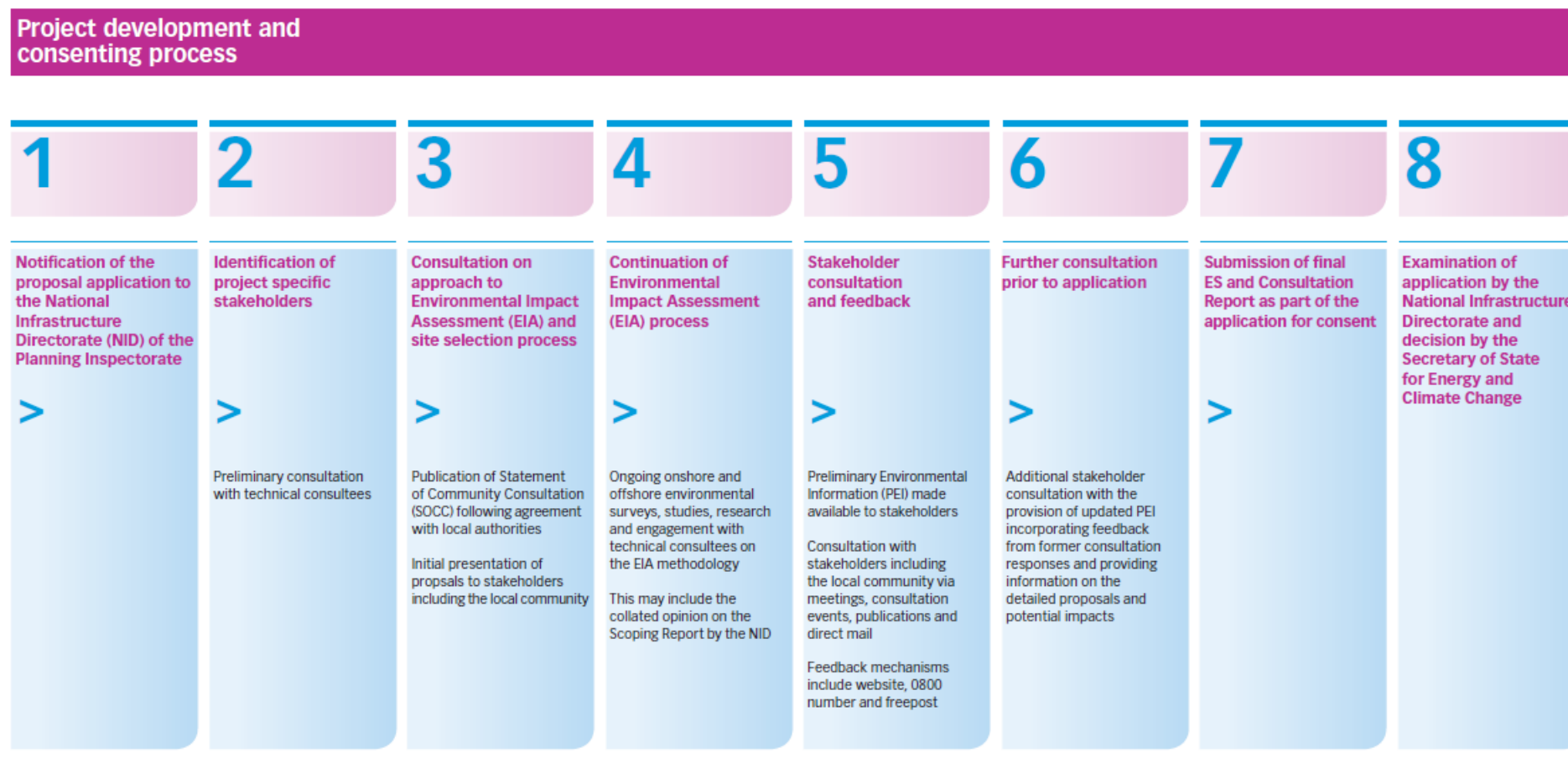


Figure 3 Project Development and Consenting Process

- 2.20 Forewind commenced the project development process for Dogger Bank Teesside once it had identified potential grid connection locations through the Grid Connection Application Process with National Grid. For Dogger Bank Teesside, Forewind has now reached stages three, four and five of the project development and consenting process flow chart.
- 2.21 For Dogger Bank Teesside, the process to identify the boundaries of the individual projects (stage six in The Zone Development Process) is running in parallel with stages one to five in The Project Development and Consenting Process. This is to ensure that information gathered through consultation, the environmental impact assessment and the ongoing engineering design work can be used to inform the decision on the location of each project.
- 2.22 More detail on the Dogger Bank Teesside site selection process is included in Section 5 and *Appendix C – Site Selection Report*.
- 2.23 Further information on the pre-application consultation requirements and how Forewind proposes to comply with these and to continue to engage on its offshore zonal development proposals can be found in the Stakeholder Engagement Plan (StEP) which is available to download from the Forewind website <http://www.forewind.co.uk/downloads/zone.html>.

3 Project description

Introduction

- 3.1 As we are at an early stage in the development of Dogger Bank Teesside, the components, construction methodologies and dimensions summarised below, and provided in more detail in *Appendix A – Project Description*, are indicative. These details could change as a result of, for example, the supply chain, advances in technology, consultation responses, the results of the EIA and further engineering assessments.

What we are consulting on

- 3.2 Forewind welcomes comments on the Dogger Bank Teesside Project Description. This could include comments on:
- The number of each of the possible components;
 - The size of each of the possible components;
 - The indicative construction methodologies;
 - Operations and maintenance; and
 - Decommissioning.

Key components of the development

- 3.3 Offshore wind farms generate electricity from the energy that is available in the wind. They comprise wind turbine generators (WTGs) and the associated electricity infrastructure required to ensure that the electricity generated can be connected into the national grid.
- 3.4 The key components of the Dogger Bank Teesside projects are –
- WTGs - Wind energy causes the blades on a WTG to rotate which rotates a generator in order to transform the kinetic energy of the wind into electricity;
 - Subsea inter-array cables – carry the electricity generated by offshore WTGs to offshore collector stations and then on to offshore converter stations;
 - Offshore collector station platforms – transform electricity generated by WTGs to a higher voltage ready for transmission to the offshore converter station – this helps to minimise losses;
 - Offshore converter station platforms – change the high voltage alternating current (HVAC) electricity from the offshore collector stations to high voltage

direct current (HVDC) in order to further minimise losses within the export cables;

- Offshore operations and maintenance infrastructure, such as accommodation platforms, permanent moorings and navigational buoys;
- Offshore weather, tide and wave monitoring devices such as meteorological masts and metocean buoys;
- Offshore export cable systems – transmit the HVDC electricity from the offshore converter stations to the onshore converter stations;
- Onshore converter stations – convert the HVDC electricity into HVAC electricity so that it can be connected to the national grid;
- HVAC cable systems – connect the electricity from the onshore converter stations into the national grid substations; and

- 3.5 The Dogger Bank Teesside projects will connect to the UK's electricity network at National Grid substation(s) in Teesside, which are owned and operated by National Grid.
- 3.6 A fuller list of components and further information about them and the associated construction methodologies is included in *Appendix A – Project Description*.
- 3.7 Figure 4 is a schematic diagram which shows how the key components are connected together in a typical offshore wind farm.

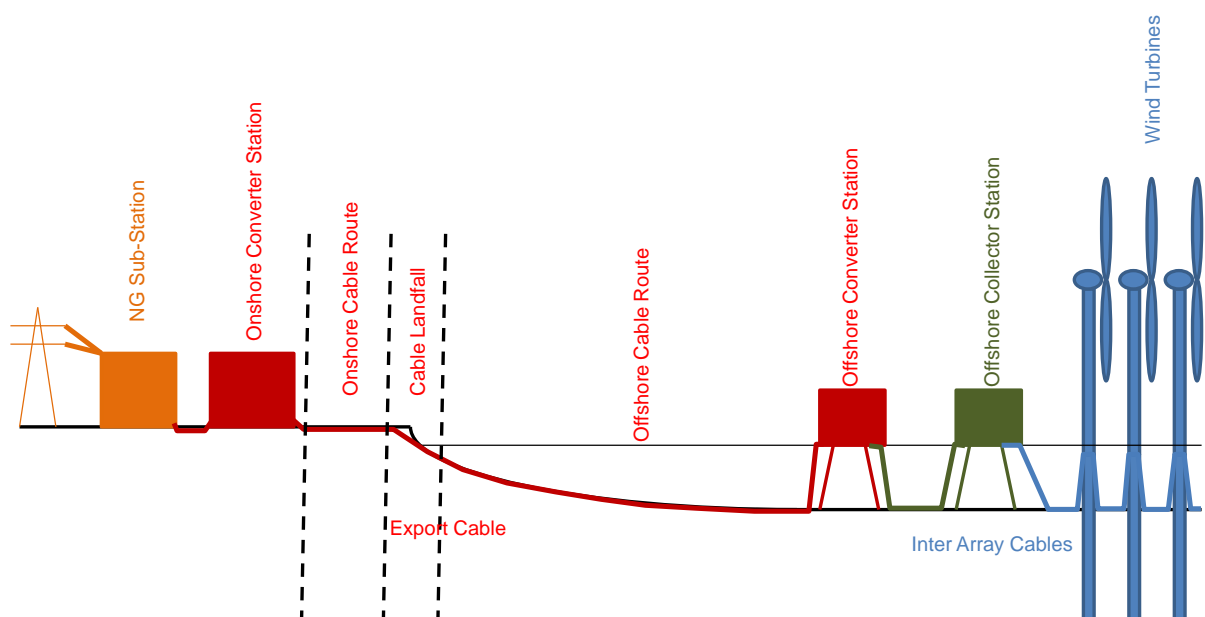


Figure 4 Schematic diagram of an offshore wind farm project

- 3.8 For Dogger Bank Teesside, Forewind is proposing to develop up to four offshore wind farms, each with a generating capacity of up to 1.2GW, and associated onshore and offshore infrastructure. The project proposals will include consideration of any temporary or permanent works required for the construction and operation of the project infrastructure.
- 3.9 Table 5 indicates the maximum number of components shown in Figure 4 that are likely to be included in Dogger Bank Teesside.

Table 5 Maximum number of key project components⁵

Key Project Component	One 1.2GW project	Four 1.2GW projects
WTG ⁶ (assuming a 3MW machine)	400	1600
Offshore collector station platforms	Up to 4	Up to 16
Offshore converter station platforms	1	4
Number of HVDC cable systems connecting offshore converter stations to the onshore converter stations	1	4
Number of buried joint transition bays at the landfall	2	8
Onshore converter stations	1	4
Number of HVAC cable systems connecting onshore converter stations to National Grid's substations	1	4

- 3.10 Table 6 indicates the size of some of the key project components.

⁵ This table describes the maximum number of key components shown in the schematic drawing. It is not intended to provide a full list of components – further information on these is given in *Appendix A - Project Description*

⁶ Forewind's proposals include a range of turbine options of between 3MW and 10MW machines. Hence the number of turbines required to achieve the total generation capacity of 1.2GW is between 400 (for a 3 MW turbine) but could be as low as 120 (for a 10MW turbine).

Table 6 Indicative parameters for key project components

Key Project Component	Parameter	Value
WTG	Maximum tip height above sea level	263m ⁷
WTG	Minimum clearance between turbine blades and sea level	22m
Offshore foundations	Maximum diameter of a single foundation	55m
Onshore cables	Construction working width for one onshore cable system	Up to 20m
Onshore cables	Construction working width for four onshore cable systems	Up to 80m in one corridor, or two separate 40m corridors, or four separate 20m corridors
Onshore cables	Depth cables will be buried	Approximately 1.5m
Onshore converter stations	Maximum height	30m
Onshore converter stations	Permanent land take for a single 1GW converter station (including the footprint of the converter station, onsite roads, landscaping and drainage)	Up to 4.5ha
Onshore converter stations	Permanent land take for four 1GW converter stations (including the footprint of the converter station, onsite roads, landscaping and drainage)	One or two sites with a combined area of 18ha
Onshore converter stations	Temporary land take required per 1GW converter station during construction	1ha

⁷ Assumes a 10MW turbine

- 3.11 Forewind's proposals include the above infrastructure up to the point of connection into the national grid in the industrial area in Teesside. Forewind currently expects that at least two of the wind farms will connect to the existing Lackenby Substation, which is near Eston, and that up to two wind farms will connect into a new substation, which National Grid will build to upgrade an existing facility in Teesside. It is not yet known where this new substation will be located, but it is also likely to be in Teesside.

Rochdale Envelope

- 3.12 Due to the uncertainties associated with the supply chain, the technologies that might be available and the Offshore Transmission Operator (OFTO) tendering process, Forewind will establish a Rochdale Envelope⁸ to undertake its EIA.
- 3.13 The Rochdale Envelope incorporates the worst-realistic case design parameters (e.g. maximum number of turbines) that might potentially be part of the final design. This approach will allow Forewind to seek consent for any project design that falls within those parameters, and therefore allows a fixed degree of flexibility to finalise the design parameters after any consent is given.
- 3.14 The Rochdale Envelope will be determined following further engineering design, EIA and consultations with the relevant statutory organisations and other relevant consultees. Forewind will present its Rochdale Envelope and provide further detail on the range of design parameters that will be incorporated, in the second stage of statutory consultation and then in the Environmental Statement produced to support its application(s).

Construction

- 3.15 The way the WTGs and platforms are built will depend on their design and the type of foundation chosen. WTGs, transition pieces (if required), meteorological masts and platforms are commonly installed onto their foundation structures using one or more crane lifts from offshore barges, crane ships, or jack-up vessels. These large construction vessels are often supported by support craft such as tugs, crew transfer vessels, and feeder barges and may be required either to stay on site, anchoring as required, or to transit to and from base ports.

⁸ Case law (i.e. *R. V. Rochdale MBC Ex Part C Tew* 1999 – "the Rochdale case") set a precedent that "indicative" sketches and layouts, etc, cannot provide a sufficient basis for the determination of applications for outline planning permission for EIA development. In respect of DCO consent, the final scheme constructed must have been covered by the scope of the EIA.



Figure 5 Turbine assembly

- 3.16 All offshore cables will be buried below the seabed where reasonably possible. They are typically installed from a cable laying vessel or barge which is kept in position by a number of anchors or a dynamic positioning system. In some cases additional protection may be required after the installation of a cable, for instance if it is not possible to bury the cable at a sufficient depth, or if the cable has to cross an existing pipeline or cable. Rock placement is an example of a cable protection measure.
- 3.17 The preferred approach to bringing the cables onshore is to drill below the shoreline and up to a point onshore, which is far enough back from the existing shoreline to allow for coastal erosion over the lifetime of the project. The cables will then be jointed to the onshore cables in an underground bay.

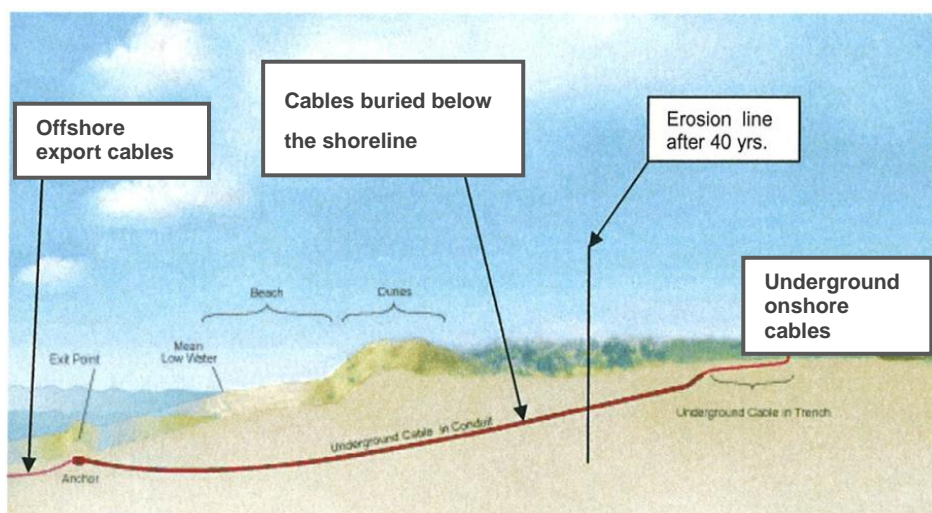


Figure 6 Typical landfall cable arrangement (not to scale) (Courtesy ABB)

- 3.18 The onshore cables will be laid underground in trenches. The working width of the cable corridor will be up to 20m for a single project. There could be up to four separate 20m wide corridors, or a single corridor up to 80m wide if all the cables for four projects are laid next to each other. Each cable corridor will include a haul road to minimise the amount of construction traffic on the local road network.
- 3.19 Where the onshore cable route(s) crosses a major obstacle such as an A road or major river, the cables could be installed below the obstacle using horizontal directional drill (HDD) technology. This will avoid disruption and minimise environmental impact. Once the cables are installed, the land will be reinstated and returned to its former use.



Figure 7 Cable corridor after topsoil reinstatement (left) and after 18 months (right) (Courtesy Prysmian)

- 3.20 The onshore converter stations are expected to be built using methods typical in the construction of a large steel framed building with cladding. There could be up to four converter stations, and each one could be up to 30m tall with lightning rods up to 40m tall. A typical converter station is shown in Figure 8.



Figure 8 A typical DC-AC Converter Station at Murraylink, Victoria, South Australia (220MW)

- 3.21 The converter stations are likely to be co-located on one or two sites, rather than over four separate sites. Forewind has determined that a single 1GW converter station could require a footprint of up to 4.5ha, taking into account the land needed for the converter station itself, necessary landscaping and drainage. Therefore, Forewind is ultimately seeking either two sites of 9ha each (to accommodate converter stations for two projects), or a single site of up to 18ha (to accommodate converter stations for all four projects). In addition, 1ha per converter station will be required on a temporary basis during construction.
- 3.22 After construction, it may be necessary to carry out landscaping around the converter station sites. The visual impact of the converter stations will be fully assessed in the EIA.

Operation and maintainance

- 3.23 Once operational, the offshore elements of the wind farm projects will require regular inspections, service and maintenance throughout their lifetime. This will require a full time dedicated team of technicians and associated support staff. There are a number of approaches to the operation and maintenance (O&M) and the final solution will be determined following consideration of health and safety issues, transit duration, port location and facilities, weather downtime, WTG selection and the cost-benefit analysis of each option.
- 3.24 Given the distance of the wind farms from shore, it is assumed that in addition to an onshore base at a suitable port, one or more offshore operations hubs will also be required. The offshore hub could be either fixed platforms, or a medium to large vessel which is able to travel between port and the wind farms. Transport could be by various means, including some combination of small, medium or large vessels, jack up vessels and helicopters.



Figure 9 An offshore support vessel

- 3.25 It is expected that as part of the offshore O&M, large vessels may be used continually to support offshore activities – as offshore operations hubs, or otherwise. Therefore, it may be necessary to have a number of pre-installed permanent moorings at intervals around the project areas to allow vessels to moor at the project sites while work is ongoing.
- 3.26 Onshore, once the cables are installed, they should only need to be accessed for emergency repair and this is expected to be a rare occurrence. The onshore converter stations will generally be unmanned, however access will be required throughout the lifetime of the projects for monitoring and planned maintenance purposes. Vehicle movements are likely to be low, in the order of three to five round trips per converter station per day.

Replanting and decommissioning

- 3.27 Forewind is intending to apply to the Crown Estate for a lease for up to 50 years for the wind farm sites.
- 3.28 The design life of individual components of the projects will vary, however for most offshore WTG structures it is around 20 years and therefore it is expected that, around this time, consideration will be given to replanting. Re-planting consists of replacing some or all components with new parts, to a partly or wholly new project design. If this were to take place, then the necessary consents and licenses would need to be secured at that time.
- 3.29 At the end of the project life, it will have to be decommissioned. This is a condition of The Crown Estate lease, as well as a statutory requirement through the provisions of the Energy Act 2004. The decommissioning plan, which will cover both the onshore and offshore elements of the projects, will be agreed with the relevant statutory bodies.

4 Environmental impact assessment

- 4.1 Dogger Bank Teesside will require an Environmental Impact Assessment (EIA) and Forewind will produce an Environmental Statement (ES) to accompany each Development Consent Order application.

Scoping consultation process

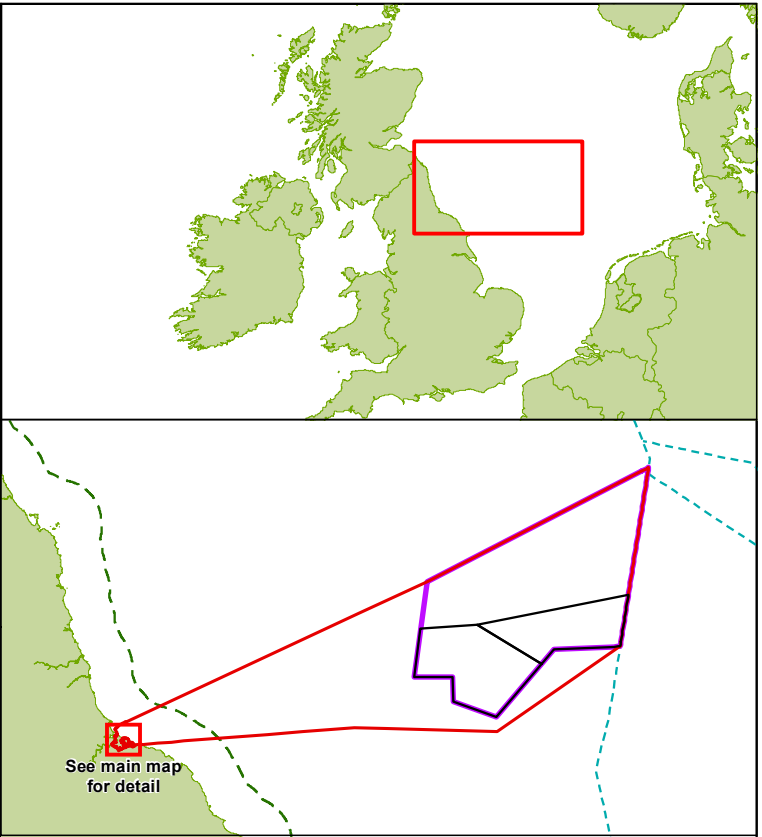
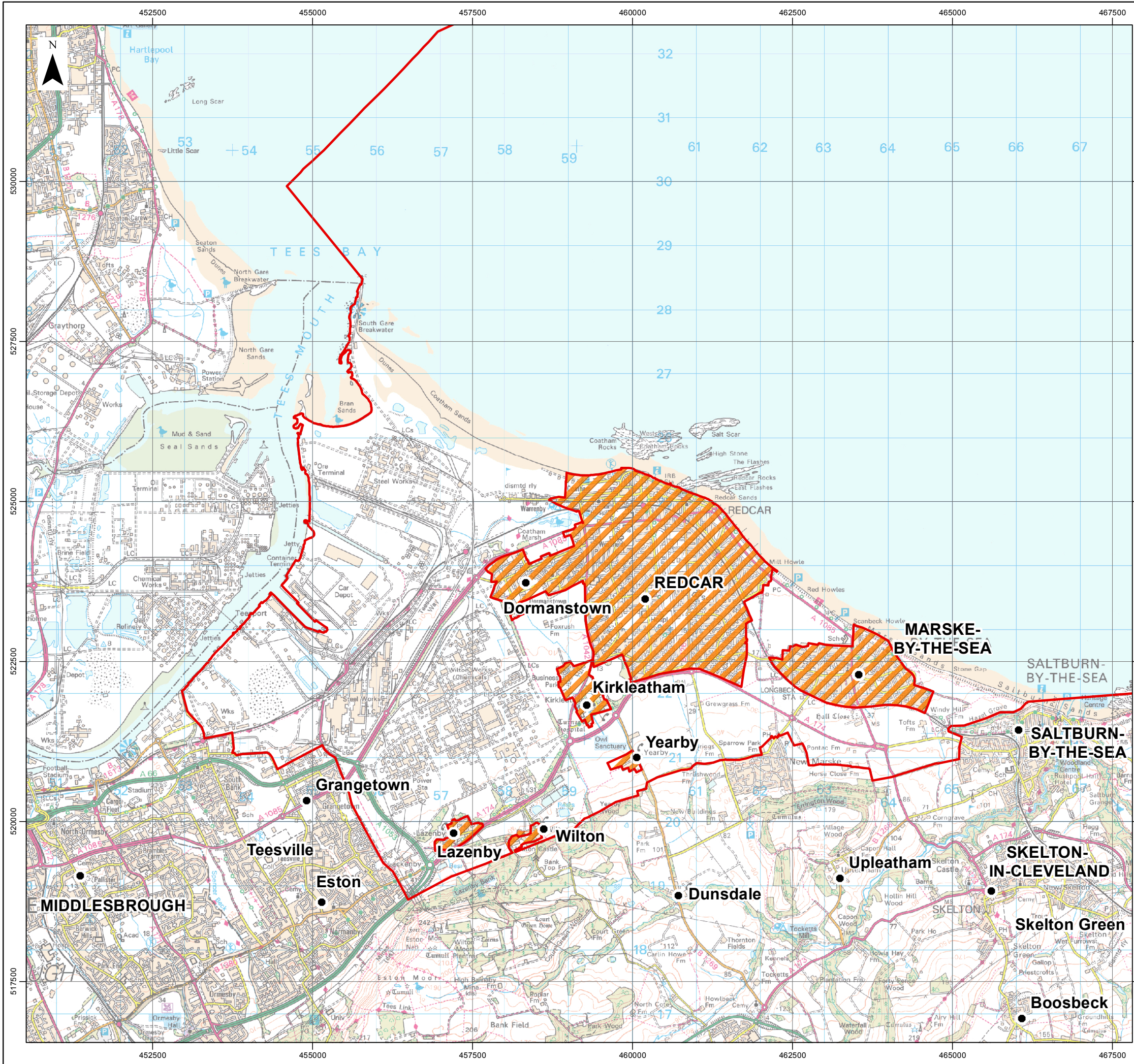
- 4.2 Appendix B to this document is the Dogger Bank Teesside Environmental Assessment Scoping Report (the Scoping Report). Scoping is an early stage in the EIA process, and in the Scoping Report, Forewind sets out its proposed approach to the EIA of the Dogger Bank Teesside offshore wind farm projects.
- 4.3 Forewind has requested a scoping opinion from the National Infrastructure Directorate (NID) of the Planning Inspectorate and therefore the NID has a duty⁹ to consult certain stakeholders (prescribed consultation bodies) on the Scoping Report and to provide Forewind with a Scoping Opinion.
- 4.4 The prescribed consultation bodies with whom the NID will consult on the Scoping Report include local authorities, statutory undertakers and others prescribed by the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009. They have been notified of their status as a prescribed consultation body. The NID will set a deadline for the prescribed consultation bodies to respond to the NID with their comments on the Scoping Report. After this deadline, the NID will collate the responses and produce a Scoping Opinion to send to Forewind.
- 4.5 The NID has provided Forewind with a list of the prescribed consultation bodies. These consultation bodies will also be consulted by Forewind on the Dogger Bank Teesside PEI1, in accordance with section 42 of the Planning Act.
- 4.6 The Scoping Report is included in PEI1 for completeness and to offer all of Forewind's other consultees, information on its approach to the EIA. However, any of the prescribed consultation bodies that wish to comment on the Scoping Report **must send their scoping comments back to the NID by the NID's deadline**.
- 4.7 The NID's scoping consultation is running in parallel with Forewind's consultation on PEI1 to reduce the consultation burden on stakeholders, and therefore is intended to be helpful.

⁹ Regulation 8 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 as amended (the EIA Regulations)

- 4.8 Any other consultee who wishes to comment on the Scoping Report may send their comments to Forewind. These comments will not form a part of the formal Scoping Opinion, but Forewind will endeavour to consider them where possible.

Summary of *Appendix B - The Scoping Report*

- 4.9 Given the uncertainties around the precise points of grid connection, and in order to maintain the ability to further define project details during the EIA stage, the Scoping Report focuses on a broad study area, referred to as the 'Scoping Envelope' (see Figure 10). The boundary of the Scoping Envelope was informed by the site selection process described in Section 5 of this document and in more detail in *Appendix C – Site Selection Report*.



- LEGEND - Overview Map**
- Scoping Envelope
 - Tranche boundary
 - Dogger Bank Round 3 Zone
 - Mainland
 - 12nm Territorial boundary
 - International boundary

- LEGEND - Main Map**
- Scoping Envelope
 - Area excluded from Scoping Envelope
 - Settlement

Source:
Round 3 zone © TCE, 2010
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Kilometres

PROJECT TITLE
DOGGER BANK R3 DEVELOPMENT

DRAWING TITLE
**Figure 10
Teesside Scoping Envelope**




VER	DATE	REMARKS	Drawn	Checked
1	03/05/2012	First Issue	AJ	NS

DRAWING NUMBER:
T-DES-0099-01

SCALE	PLOT SIZE	DATUM	OSGB	PROJECTION
1:60,000	A3		OSGB	BNG

- 4.10 In this consultation, Forewind is seeking comments on its approach to the EIA within the Scoping Envelope. Whilst preferred and indicative locations for the Dogger Bank Teesside infrastructure within the Scoping Envelope have been identified as part of the site selection process, these locations may change due to the uncertainties and flexibility requirements listed above. Therefore the Scoping Envelope extends beyond these preferred and indicative locations.
- 4.11 The Scoping Envelope will be further refined during the course of the EIA, engineering and technical studies to establish the red line boundary that will be the subject of the DCO application(s). The Scoping Envelope incorporates all of the permanent and temporary development associated with Dogger Bank Teesside.
- 4.12 Table 7 summarises the aspects to be considered within the EIA and the potential impact of Dogger Bank Teesside on each of those aspects.

Table 7 Summary of key EIA issues

	Major to moderate impacts anticipated. Further investigation is required through the EIA process to confirm the extent of the impact and inform appropriate mitigation.
	No major impacts are anticipated but further work will be necessary through the EIA process to confirm this.
	Minor or negligible impacts anticipated. Potential impacts will be discussed within the EIA but it is thought unlikely at this stage that further detailed investigations will be required.

Parameter	Construction	Operation	Decom- missioning	Cumulative
Offshore				
Designated Sites				
Marine Physical Processes				
Marine Water and Sediment Quality				
Marine and Coastal Ornithology				
Marine and Intertidal Ecology				
Fish and Shellfish				
Marine Mammals				
Commercial Fisheries				
Shipping and Navigation				
Other Marine Users				
Marine and Coastal Archaeology				
Military Activities				
Civil Aviation				
Seascape, Landscape and Visual Character				
Socio-economics				
Tourism and Recreation				
Air Quality				
Onshore				
Landscape and visual character				
Socio-economics				
Tourism and Recreation				
Geology, Water Resources and Land Quality				
Terrestrial Ecology				
Land Use and Agriculture				
Terrestrial Archaeology and Cultural Heritage				
Traffic and Access				
Noise and Vibration				
Air Quality				

4.13 Based on preliminary investigations (namely the ZoC), combined with Forewind's parent companies' existing combined experience of consenting Round 1 and 2 offshore wind farm projects within the UK continental shelf, it is proposed, subject to agreement with the NID, that the following aspects are 'scoped out' of the EIA. That is to say, these aspects will not be included in the EIA:

- Impacts on offshore geology;
- Impacts of the presence of construction plant on the offshore hydrodynamic and sediment regime;
- Impacts of the decommissioning process on offshore geology and hydrodynamic regime;
- Impacts of Electromagnetic Fields (EMF) upon marine benthic invertebrates;
- Landscape and visual impacts from the offshore components;
- Impacts on civilian Communications, Navigation and Surveillance (CNS) infrastructure as a result of the presence of Dogger Bank Teesside;
- Impacts on military (CNS) infrastructure as a result of the presence of Dogger Bank Teesside;
- Impacts on onshore Civil Aviation;
- Impacts on tourism and recreation during the operational phase of the onshore infrastructure;
- Impacts on terrestrial archaeology and cultural heritage during the operational phase of the onshore infrastructure;
- Impacts on air quality during the operational phase of the onshore infrastructure; and
- Impacts on North Yorkshire Moors National Park during the construction, operational or decommissioning phases of the onshore infrastructure.

4.14 Individual issues and parameters of study will only be scoped out of the EIA process where properly addressed and justified and confirmed as being scoped out by the NID.

5 Site selection

Introduction

- 5.1 Forewind recognises the importance of selecting appropriate sites for its project proposals and that the identification of those sites includes consideration of technical and commercial feasibility, environmental impact and stakeholder feedback.
- 5.2 This section of the non-technical summary is intended to provide:
- “information about the main alternatives [Forewind] has studied. This should include an indication of the main reasons for the applicant’s [Forewind’s] choice, taking into account the environmental, social and economic effects and including, where relevant, technical and commercial feasibility.”* (National Policy Statement EN1).
- 5.3 Section 4.4.3 of the National Policy Statement EN1 states that –
- “it is intended that potential alternatives to a proposed development should, wherever possible, be identified before an application is made to the IPC [now the NID] in respect of it (so as to allow appropriate consultation and the development of a suitable evidence base in relation to any alternatives which are particularly relevant).”*
- 5.4 By publishing information on the site selection process as part of this consultation, Forewind is providing the opportunity for stakeholders to comment on the site selection process to date and to influence the final location and design of the project infrastructure within the broad envelope that Forewind has proposed.
- 5.5 The site selection process is summarised below and reported in more detail in *Appendix C – Site Selection Report*.

What we are consulting on

- 5.6 Through this consultation, Forewind invites stakeholders to comment on the proposed location of the Dogger Bank Teesside infrastructure and to make any representations regarding the final locations of the infrastructure.
- 5.7 In particular, Forewind is requesting comments on:
- Whether Forewind’s site selection process to date is a comprehensive assessment of the relevant alternatives;

- Comments on any or all of the six short listed converter station sites; and
- Whether there is any other information or data that Forewind should take into account when finalising the locations of the Dogger Bank Teesside:
 - Offshore wind farms and associated offshore infrastructure;
 - Offshore cable route(s);
 - Landfall(s);
 - Onshore cable route(s); and
 - Onshore converter stations.

Site selection process

- 5.8 Site selection can be applied at many different levels for projects of this scale and nature - that is, one that has an offshore component (the wind farm) a linear component (both offshore and onshore export cabling), a landfall component, and an onshore component (the onshore converter stations). In recognition of this complexity and the different stakeholders for each component, Forewind has adopted a site selection process that is reflective of the nature of this scheme.
- 5.9 Figure 11 provides an overview the site selection process, which is described in more detail below.

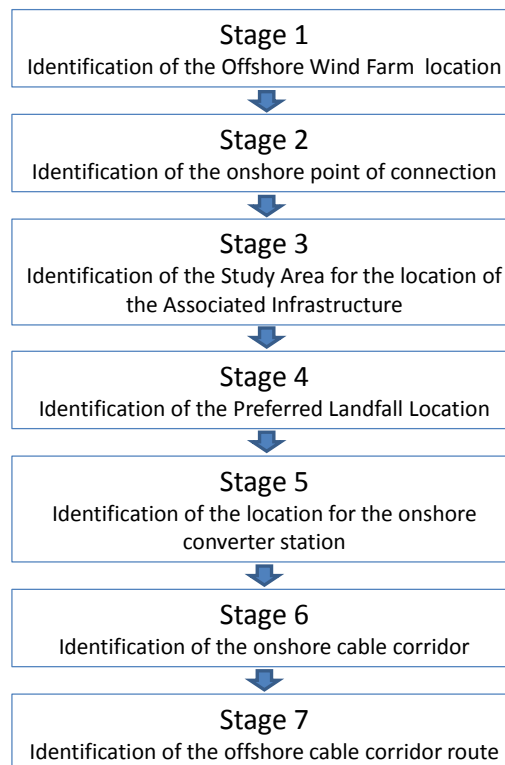


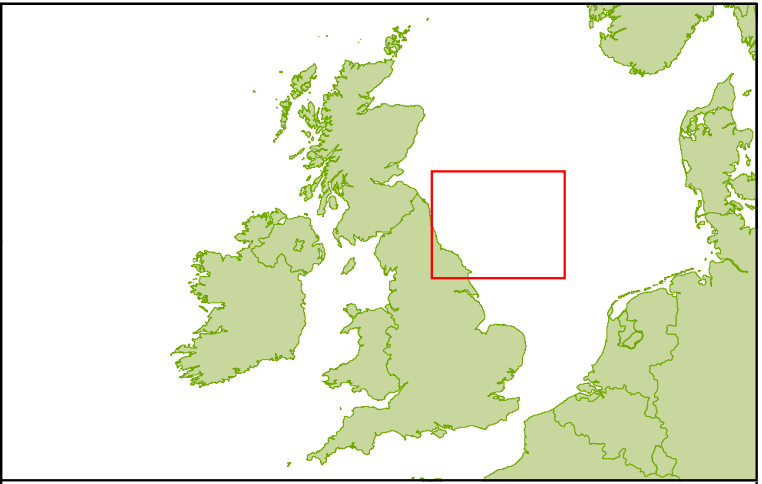
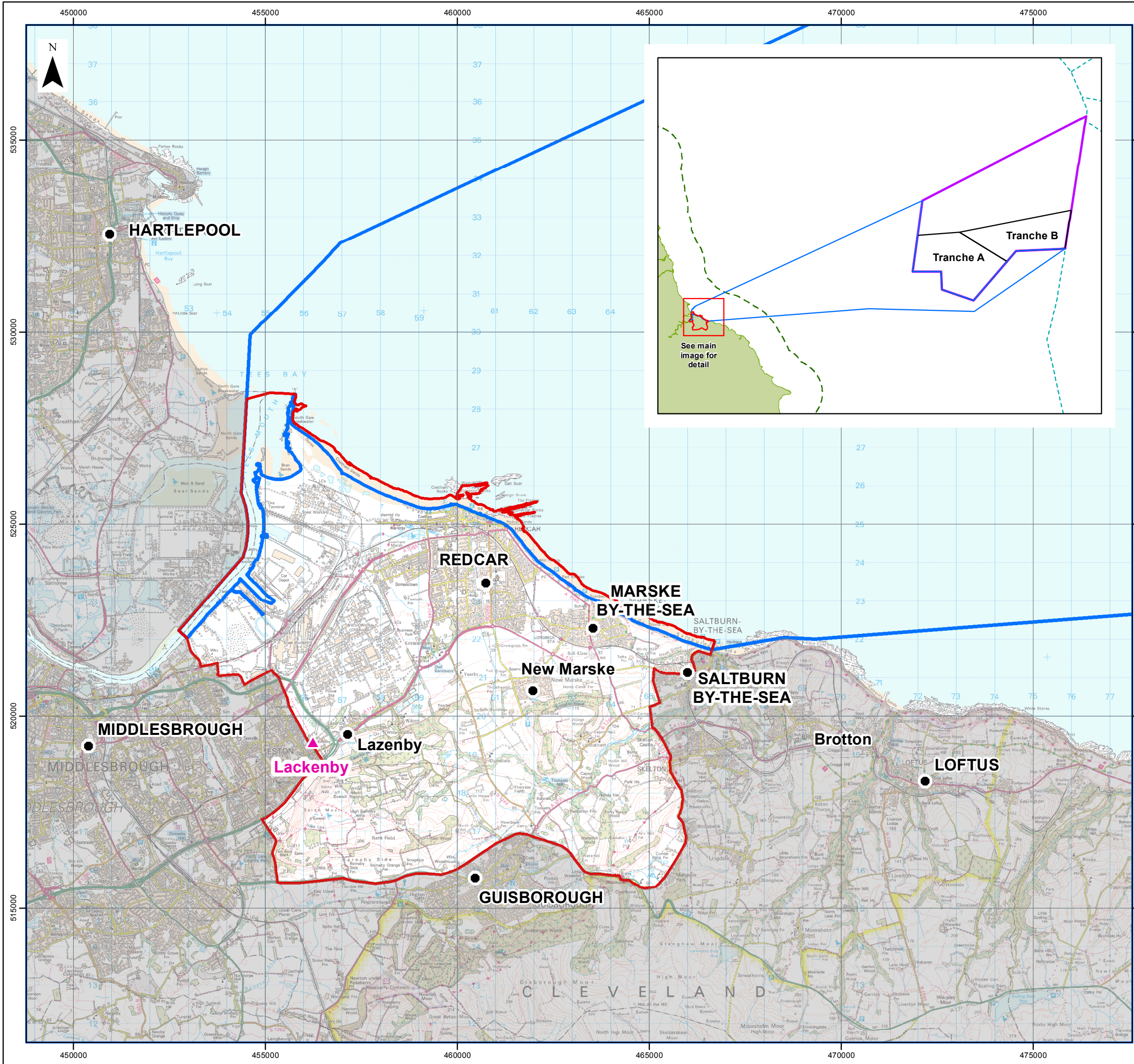
Figure 11 Site selection process

Stage 1 – Identification of the locations offshore wind farms

- 5.10 The ongoing Zone Appraisal and Planning (ZAP) process, as described in Section 2, has enabled Forewind to identify the boundaries of Tranche A and Tranche B in the Dogger Bank Zone. The offshore elements of Dogger Bank Teesside within the zone will be located wholly or partly within these tranches.
- 5.11 The process to identify Tranches A and B is summarised in the Tranche A selection report (published in October 2010) and the Tranche B selection report (published in May 2012) which are both available to download on the Forewind website www.forewind.co.uk/downloads/zone.html.
- 5.12 Tranche A is an area of 2,000km² and lies in the south west section of the Dogger Bank Zone.
- 5.13 Tranche B is an area of approximately 1,500km² and lies in the south eastern section of the Dogger Bank Zone.
- 5.14 Tranche A will accommodate the two offshore wind farm projects known as Dogger Bank Creyke Beck. These two projects will connect into the existing onshore National Grid Creyke Beck substation near Cottingham in East Riding

of Yorkshire. The Dogger Bank Creyke Beck development was the subject of a separate consultation exercise in December 2011.

- 5.15 The four Dogger Bank Teesside projects will be sited within the remainder of Tranche A and Tranche B, although it is possible that the boundaries of these projects could extend wholly or partly beyond these tranches into other areas of the Dogger Bank Zone.
- 5.16 The identification of the boundaries for the Dogger Bank Teesside projects will be the subject of ongoing stakeholder consultation, detailed consideration of environmental impacts and ongoing engineering feasibility and design studies. The boundaries of Tranches A and B are shown in Figure 12.



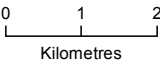
LEGEND (Inset map)

- Onshore study area
- Offshore cable route study area
- Tranche boundary
- Dogger Bank Round 3 Zone
- 12nm territorial boundary
- International boundary

LEGEND (Main map)

- Settlement
- Lackenby National Grid substation
- Onshore study area
- Offshore cable route study area
- Area outside of onshore study area

Source:
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Substations © National Grid, 2011.
Ordnance Survey © Crown copyright, All rights reserved, 2011. Licence number 0100031673



PROJECT TITLE				
DOGGER BANK R3 DEVELOPMENT				
DRAWING TITLE				
Figure 12 The Dogger Bank Teesside Study Area				
VER	DATE	REMARKS	Drawn	Checked
1	27/04/2012	First Issue	AJ	NS
DRAWING NUMBER:				
T-DES-0104-01				
SCALE	1:100,000	PLOT SIZE	A3	DATUM
		OSGB	PROJECTION	BNG
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FOREWIND				

Stage 2 – Identification of onshore point of connection

- 5.17 The onshore point(s) of connection is determined by National Grid through the Grid Connection Application Process.
- 5.18 The process that National Grid undertakes to identify new points of connection (and any new electricity networks infrastructure) accords with a framework of Regulation governed by the Office of the Gas and Electricity Markets (Ofgem). It is therefore correct that National Grid retain the responsibility to identify connection points as is recognised in Section 2.2 of National Policy Statement EN5.
- 5.19 Through the Grid Connection Application Process, Forewind has secured the connection capacity for at least two of the Dogger Bank Teesside projects at the existing Lackenby substation, near Eston and up to two further projects will connect to a new substation which National Grid will build to upgrade an existing facility. The location of this new substation is not yet known, but is expected to also be within the industrial area of Teesside, to the south of the Tees Estuary.

Stage 3 – Identification of the Dogger Bank Teesside study area

- 5.20 Figure 12 shows the Dogger Bank Zone, the offshore cable route study area and the initial onshore study area which were identified following initial studies, research, stakeholder discussions and assessments.
- 5.21 The offshore elements of Dogger Bank Teesside within the zone will be wholly or partly located within Tranches A and B (as described in Stage 1).
- 5.22 A broad offshore envelope connecting Tranches A and B to the onshore study area has been identified as the area within which the offshore export cable corridor(s) will be located.
- 5.23 An onshore study area was initially identified for the purposes of characterising the surrounding onshore area. It was necessary to establish an onshore area to:
- Identify the onshore constraints that would inform landfall selection;
 - Inform the selection of the boundary of the search envelope for converter station sites; and
 - Inform Forewind of any potential constraints that could be relevant to the design of the onshore routing for the onshore cables between the landfall and the onshore converter stations.

- 5.24 The Tees Estuary to the north of the study area and the large rocky cliffs south of Saltburn-by-the-Sea, each formed a natural boundary for the north western and south eastern extent of the onshore study area.
- 5.25 The existing National Grid Lackenby substation, into which at least two of the Dogger Bank Teesside projects will connect, is located on the south-western edge of the Teesside industrial area. Whilst the precise location of the connection point for the second two projects has not yet been established by National Grid, it is considered very likely to be located within the existing Teesside industrial area, south of the Tees Estuary. As such, the onshore study area includes the steel works to the north, the commercial port of Teesport and the Wilton Complex which includes some green field areas currently in agricultural use.

Stage 4 – Identification of the Landfall Location

- 5.26 The landfall location is the stretch of coastline which Forewind considers is the most feasible to bring its export cables ashore. The identification of a proposed landfall location on the Teesside coast is complex due to the number of technical, commercial, environmental and ecological considerations, and therefore a thorough and comprehensive assessment has been undertaken. The full detail of this assessment and its various appendices is provided in the Landfall Selection section of *Appendix C – Site Selection Report*.
- 5.27 Forewind commissioned two external reports in order to understand the environmental issues relevant to cable landfall selection on the Teesside coastline. Following Forewind's analysis of the technical issues relevant to cable burial at the Teesside coastline, analysis of the environmental issues identified in the external reports, and consultation with relevant stakeholders such as the Teesport Harbour Master, three broad potential landfall areas were identified. These are shown on Figure 13 and are described below.