

Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects

Phase One Section 47 Statutory Community Consultation (09 July 2020 - 20 August 2020) Outputs

August 2022 Document Reference: 5.2.10 APFP Regulation: 5(2)(g)









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Consultation Rep	port hase One Section 47 Sta	re Wind Farm Extension Projects
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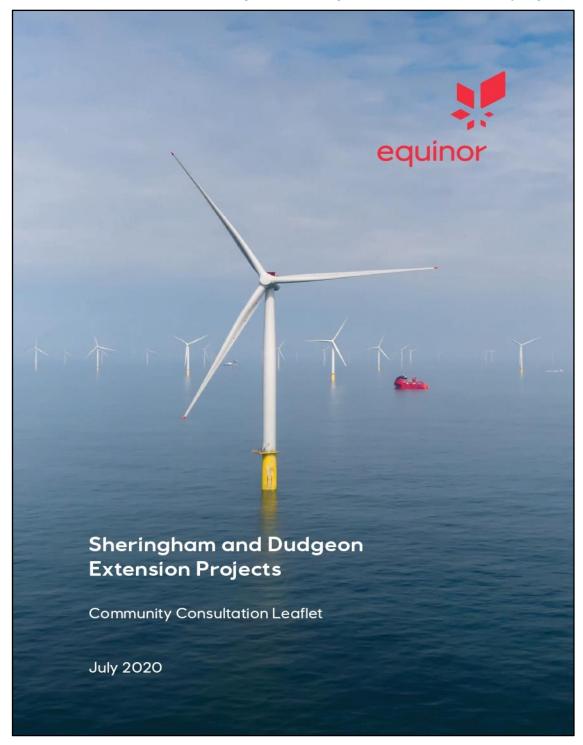


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1 Phase One Section 47 Statutory Community Consultation Leaflet (July 2020)





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Introducing the projects

Equinor has been operating in Norfolk for close to a decade. Our existing offshore wind farms, Sheringham Shoal and Dudgeon, located off the North Norfolk coast, provide enough renewable electricity to power around 750,000 UK homes.

We are proposing to extend the existing Sheringham Shoal Offshore Wind Farm and Dudgeon Offshore Wind Farm. These projects could help the UK to address climate change and reach its target of net-zero carbon emissions by 2050.

This consultation leaflet provides more information about our proposals for the Sheringham and Dudgeon Extension Projects (known as the 'Extension Projects'). We invite you to provide us with your feedback on our early stage plans as part of our phase one consultation.

Our consultation starts on **09 July 2020** and will run for six weeks, closing on **20 August 2020**.

We welcome all comments during this time. We will be holding a variety of consultation activities during our phase one consultation, as detailed on page 9 of this leaflet.



The Extension Projects will provide a number of local, regional, and national benefits. If built, they will:



Increase opportunities for the local supply chain and economy.



Save a total of approximately
810,000 tonnes of CO₂, which
is the equivalent of taking
365,000 petrol cars off the
road²

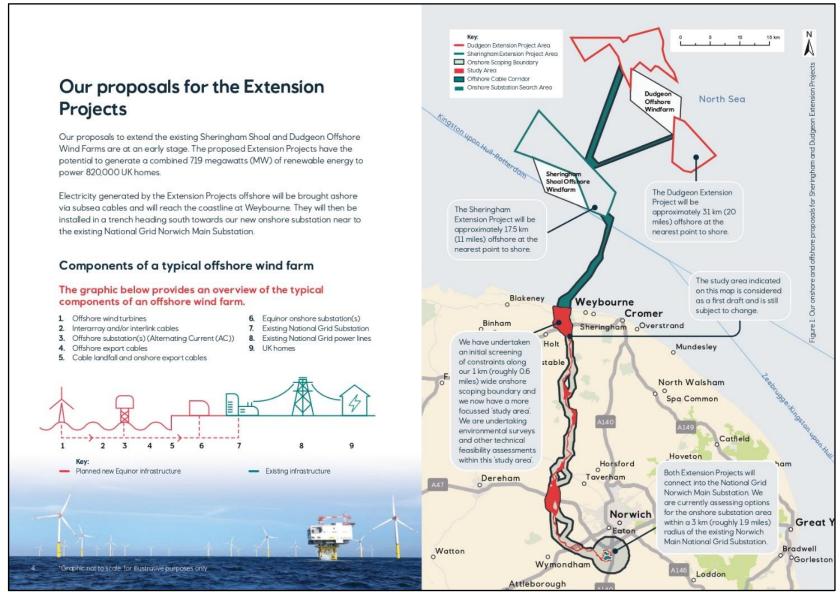


Provide clean, renewable energy to power 820,000 UK homes.¹



Help the UK reach its ambitious net-zero climate targets by **2050**.

 $^{^1}$ Based on the Department for Business, Energy and Industrial Strategy's 2018 energy consumption data. 2 Based on BEIS 2019 carbon conversion factors and Department for Transport's anonymised MOT results.



Our proposals for the onshore substation area

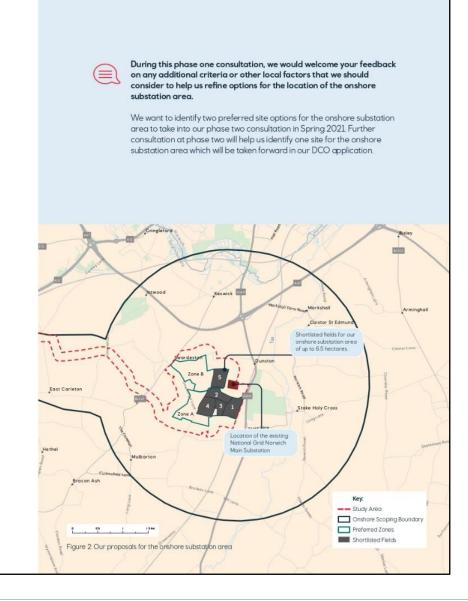
Both Extension Projects will connect into the existing National Grid Norwich Main Substation. We are seeking to minimise potential impacts on the community and the environment by adopting a shared onshore footprint for the Extension Projects. This means that we will apply for a joint Development Consent Order (DCO) application which will include plans for a new combined substation area for the Extension Projects.

Our preferred option is to use one shared substation, however if the projects are built in phases, up to two substations may be needed within the same onshore substation area.

We are undertaking a site selection process to identify a suitable substation area of up to approximately 6.5 hectares and a provisional additional hectare for construction equipment storage. This started with a $3 \, \mathrm{km} \, (1.7 \, \mathrm{miles})$ search area from the existing National Grid Norwich Main Substation. We have identified two zones, which we are referring to as Zone A and Zone B, to be most suitable for locating our onshore substation area. Within these two zones, we have identified a shortlist of five potential fields, which we are referring to as fields 1-5 for the substation area.

Our criteria for selecting the most suitable onshore substation area include (in no particular order):

- Proximity to the existing National Grid Norwich Main Substation
- Transport and access routes
- Public Rights of Way
- Noise impacts
- Visual impact
- Proximity to residential properties
- Impacts to local cultural heritage such as archaeology
- Environmentally designated sites
- Proximity to local conservation areas and Sites of Special Scientific Interest (SSSI)
- · Existing and planned high voltage underground electricity cables
- Flood risk



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Future dates are indicative and subject to change.

Our phase one consultation

We are welcoming feedback as part of our phase one community consultation between 09 July - 20 August 2020.

You can access our consultation material and provide your views in the following ways:



Consultation website: our consultation website is live for you to find out more information about the Extension Projects and to provide your feedback online: sepanddep.commonplace.is



Virtual exhibition: visit our virtual exhibition to view information. This can be accessed through our consultation website.



We hope to hold face-to-face consultation events for our second phase of consultation, which will be dependent on COVID-19 restrictions on public gatherings.



By post: you can also fill out the feedback form included with this leaflet and post it back to us free of charge using the envelope provided.



Accessing hard copies of our materials: All of our consultation documents will be available to view and download from our consultation website. Upon request we are ready to send documents in hard copy at no extra cost for those without computer or internet access.

Documents may also be requested in alternative formats such as large print, audio or braille formats. To do this, please contact us at the details listed at the back of this leaflet.

When government guidance allows for public buildings to open, we will display hard copies of the consultation documents, or ensure that there is computer access to those documents, at publicly accessible locations. We hope to be able to do this for our phase two consultation. You can also email us, call us or write to us using the details on the back page of this leaflet.

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About Equinor

Equinor is the UK's largest energy supplier and we are committed to investing in projects that secure reliable energy for years to come. As a broad energy company leading the way in decarbonisation, we are a key contributor to the UK's efforts to meet its net zero target.

Headquartered in Norway, we are one of the world's largest offshore wind developers. We power over one million homes across Europe with renewable energy from our existing offshore wind farm projects in the UK and Germany.

Our current UK offshore wind farms provide enough renewable electricity to power over 750,000 UK homes. We are proud to support local skills, utilise local suppliers and support local projects through our community funds.

We have extensive experience developing, building, and operating offshore wind farms in the UK, and are leading the way in pioneering floating offshore wind technology.





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Contact Us

You can get in touch with our community relations team during our pre-application consultation period by any of the methods below.

You can contact us by:



Email at: info@sepanddep.co.uk



Calling our freephone information line: 08081 963673



Writing to us at: FREEPOST DUDGEON AND SHERINGHAM EXT



We have a dedicated Community Liaison Officer (CLO), Nigel Tompkins, who can be contacted on nigel@ni4b.co.uk or 01263 822427 / 07860 206565

Landowner interests

If you are a landowner, have an interest in any of the land which interacts with our proposals, or if you have any questions relating to land interests in the area, please contact the Dudgeon and Sheringham Extension Projects Land Team at Dalcour Maclaren by:



Calling: 01869 352725



Emailing: equinor.ukextensions@dalcourmaclaren.com



Alternatively, you can write to Simon Hinchliffe or Rhiannon Price at: Dalcour Maclaren, 1 Staplehurst Farm, Weston on the Green, Oxfordshire, OX25 3QU

If you would like this document in large print, audio or braille formats, please contact us using the details above.

All documents, illustrations and graphics are for illustrative purposes. Printed on FSC paper.

2 Phase One Section 47 Community Consultation Advertisements

2.1 Dereham & Fakenham Times





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2.2 DMA



Rev. no. 1

2.3 Eastern Daily Press

Eastern Daily Press | Thursday, 9 July 2020



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

Equinor New Energy Limited of 1 Kingdom Street, London, W2 6BD ('Equinor') is seeking a common Development Consent Order (DCO) for two new projects. Sheringham Extension Project (SEP) and Dudgeon Extension Project (DEP), collectively known as the Sheringham and Dudgeon Extension Projects (the 'Extension Projects'). Although these are two separate offshore wind farm extension projects, Equinor has adopted a strategic approach to developing the projects jointly to minimise local impacts. Equinor will apply for a common DCO for the Extension Projects and will consult on both projects together.

Sheringham Shoal Offshore Wind Farm and Dudgeon Offshore Wind Farm are owned by two separate joint venture partnerships known as Scira Offshore Energy Ltd. and Dudgeon Offshore Wind Ltd., respectively. Equinor is involved in both joint venture partnerships and acts as the operator for both offshore wind farms. On behalf of both these partnerships, Equinor is bringing the two Extension Projects together as part of one application for development consent, which forms the Sheringham and Dudgeon Extension Projects.

SEP is planned to have a generating capacity of up to 317 MW while DEP is planned to have a capacity of up to 402 MW. The Extension Projects will be located next to each respective existing wind farm, with SEP being approximately 17.5 kilometres (km) (11 miles) offshore at the nearest point to shore, and DEP being approximately 31 km (20 miles) offshore at the nearest point to shore.

The onshore cable corridor will be located within our 'search area' from landfall at Weybourne to the onshore substation area. The onshore substation area will be located to the south of Norwich, within a 3km (roughly 1.9 miles) radius of the existing Norwich Main National Grid Substation.

With the potential to generate renewable power for 820,000 UK homes, the Extension Projects will make an important contribution to the UK's legislated decarbonisation targets and efforts to tackle climate change.

As both SEP and DEP have a proposed generating capacity of over 100 MW, they will be classified as Nationally Significant Infrastructure Projects (NSIP). Accordingly, Equinor must submit an application for a Development Consent Order (DCO) to the Secretary of State for Business, Energy and Industrial Strategy (BEIS) under the Planning Act 2008.

The project is considered to require an Environmental Impact Assessment and therefore the application will be accompanied by an Environmental Statement.

The consultation process

As part of the Extension Projects, Equinor has a duty to consult the local community under Section 47 of the Planning Act 2008. Equinor has therefore prepared a Statement of Community Consultation (SoCC) that explains how people living in the vicinity of the Extension Projects will be consulted throughout the pre-application process and how it intends to consult on the Preliminary Environmental Information which will inform the final Environmental Statement. The consultation process is designed to provide information about the Extension Projects and provide the opportunity for local communities to have their say and help develop the proposals. At least two phases of consultation will take place before the application is submitted.

This advertisement provides formal notice of the publication of the SoCC which is available to view online on the project website: sepanddep.commonplace.is

All of our consultation documents will be available to view and download from our consultation website. Alternative methods of receiving documents can also be arranged at no extra cost for those without computer or internet access. Documents may also be requested in alternative formats such as large print, audio or braille formats. To do this, please contact us at the details listed at the bottom of this notice.

As and when government guidance allows for public buildings to open, and hosting public documents does not produce a health hazard, we will display hard copies of the consultation documents, or ensure that there is computer access to those documents at publicly available locations. These locations will be advertised accordingly at the time.

Equinor also announces its phase one public consultation. This consultation is being held between **09 July and 20 August 2020**. During this time, Equinor will host a series of consultation activities, which will all be available online throughout the period to all interested members of the community. Equinor is unable to hold face-to-face events for its first public consultation due to COVID-19 restrictions on social gatherings. Members of the public can view the virtual exhibition which can be accessed via the the consultation website. All consultation material is available to view on the consultation website. Paper copies of the material can be provided on request. Please contact us using the details below.

Feedback to the phase one consultation can be provided through the digital engagement platform, accessible via the consultation website. At this consultation, we are particularly interested in feedback on our site selection process for the location of the onshore substation area and the refinement of the onshore cable corridor search area. Feedback forms can also be downloaded directly from the website and emailed or posted back, free of charge. All feedback must be received by 11:59pm on 20 August 2020.



Visit our consultation website: sepanddep.commonplace.is



Write to us at: Freepost: DUDGEON AND SHERINGHAM EXT



Email us at: info@sepanddep.co.uk



Call our Freephone information line: 0808 196 3673

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2.4 Norwich Evening News





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2.5 North Norfolk News

North Norfolk News | Thursday, 9 July 202

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 $\label{thm:consultation} \textit{Visit our consultation website:} \textbf{sepanddep.commonplace.is}$



Write to us at: Freepost: DUDGEON AND SHERINGHAM EXT



Email us at: info@sepanddep.co.uk



Call our Freephone information line: 0808 196 3673

2.6 Local Information Point Poster





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Phase One Section 47 Community Consultation Materials

Virtual Exhibition Boards

3.1.1 **Equinor in Norfolk**

Classification: Open

Equinor in Norfolk

We have been operating in Norfolk for close to a decade. Over 100 employees are based here, operating our existing wind farms, Sheringham Shoal and Dudgeon, which together provide enough electricity to power around 750,000 UK homes.

We are committed to continuing our good cooperation with communities in Norfolk during the development of the Extension Projects. Our existing wind farms have established funds to support community life in the areas of Norfolk in which they operate. The Sheringham Shoal Community Fund and Dudgeon Community Fund both operate and allocate funds independently via the Norfolk Community Foundation on an annual basis.

Through our Sheringham Shoal Community Fund, £100,000 per annum is made available for grant awards for successful community initiatives. Through our Dudgeon Community Fund, we have established a Science, Technology, Engineering and Mathematics (STEM) programme, which makes £100,000 available each year for the duration of the programme to kick-start projects that benefit pupils aged 12-16 years.

Neatherd High School in Dereham, Norfolk, was able to purchase 3D printers for its Design School initiative, thanks to a grant from the fund. The printers are now being used by those students still in school to produce PPE visors for NHS staff, Jason Chapman, Head of Design Technology at Neatherd High School said:

"It would have been impossible to fund this initiative from internal resources, so my colleagues and I are extremely grateful to the Dudgeon Community Fund for this grant."



Status: Final

For further information, please continue to look around our exhibition space.

Matthew Bramwell - Operations and Maintenance Leader at Dudgeon Offshore Wind Farm



I work for Equinor at our office based in Great Yarmouth. My role is overseeing operations and to ensure that both planned and corrective maintenance works are carried out safely and efficiently offshore. I was born in Norfolk and am currently based in Gorleston-on-Sea.

I started my career via an apprenticeship, gaining engineering qualifications from Lowestoft College and EAGIT, an engineering and industrial training centre based in Norwich. Following my apprenticeship, I have worked for a local company in Great Yarmouth for offshore oil and gas platforms, but quickly moved to working as Project Engineer for offshore wind scopes when the presence of offshore wind grew in the UK and Europe.

I have worked on various wind farms around the UK and on large wind projects, including Sheringham Shoal. At Sheringham Shoal, I saw that Equinor operated with a high focus on safety and welfare, and they put people first as the most important asset, so I applied for a job with Equinor directly in 2015.

I have worked from the beginning of the Dudgeon project and have seen how important the local area is for Equinor. There are obvious visible things: projects funded from our community fund, using local contractors to provide services on and offshore, and, of course, locally employed staff. But there are also less visible things such as local companies used to supply food to the base, local B&Bs and hotels used by travelling personnel, using the training centres and offshore businesses that bring more jobs to the area.



Our existing offshore wind farms off the Norfolk coast provide around 100 local jobs.



Since the launch of our Sheringham Shoal and Dudgeon Community Funds, we have awarded grants of over £1 million to support community projects and education initiatives in Norfolk.

www.equinor.com

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3.1.2 Introducing the Extension Projects

Introducing the Extension Projects

Equinor is bringing forward proposals to extend both Sheringham Shoal and Dudgeon offshore wind farms, located off the Norfolk coast.

The Sheringham Shoal Extension Project (SEP) is planned to have a generating capacity of up to 317 megawatts (MW), while the Dudgeon Extension Project (DEP) is planned to have a capacity of up to 402 MW. Together, the projects are known as the Extension Projects.

This means the Extension Projects will have the potential to generate a combined **719 MW** of renewable energy. At Equinor, we have a adopted a strategic approach to developing the Extension Projects together to minimise onshore and offshore impacts.

Who we are

- Headquartered in Norway, we are one of the world's largest offshore wind developers.
- Our current UK offshore wind farms provide enough renewable electricity to power over 750,000 UK homes.
- We have been operating in Norfolk for close to a decade.
- We are proud to utilise local suppliers and support local skills.

The Extension Projects will:



Provide clean, renewable energy to power 820,000 UK homes.¹

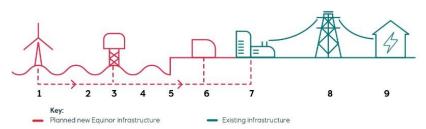


Increase opportunities for the local supply chain and economy.

Components of a typical offshore wind farm

The graphic below provides an overview of the typical components of an offshore wind farm.

- Offshore wind turbines
- 2. Interarray and/or interlink cables
- 3. Offshore substation(s) (Alternating Current (AC))
- 4. Offshore export cables
- 5. Cable landfall and onshore export cables
- 6. Equinor onshore substation(s)
- 7. Existing National Grid Substation
- 8. Existing National Grid power lines
- 9. UK homes





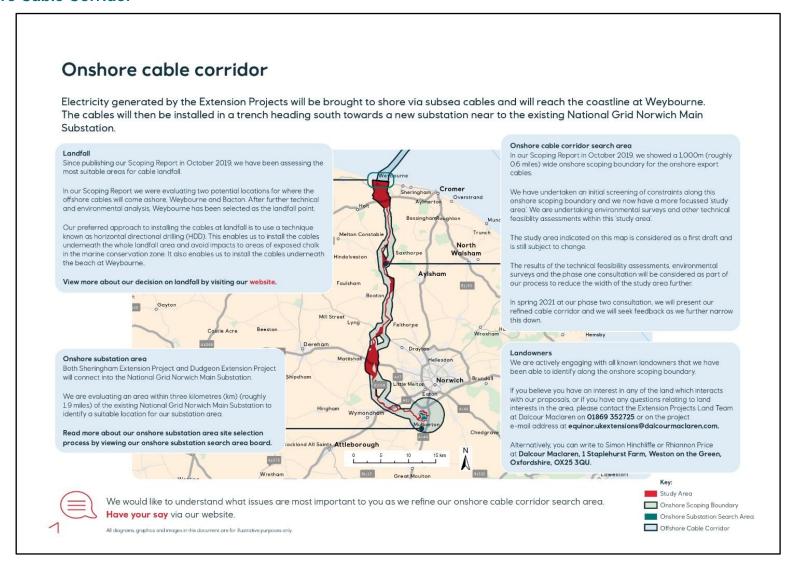
For further information, please continue to look around our exhibition space.

¹ Based on BEIS 2019 carbon conversion factors.
*Graphic not to scale, for illustrative purposes only.

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3.1.3 Onshore Cable Corridor



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3.1.4 Our Approach to Construction

Our approach to construction

The Extension Projects are two separate offshore wind farm projects, with separate ownership structures. We have adopted a strategic approach to developing them by applying for a common Development Consent Order (DCO) and consulting on both projects together. To minimise impacts on the community and the environment, we are seeking to use a shared onshore footprint for both of the Extension Projects.

However, because Sheringham Extension Project (SEP) and Dudgeon Extension Project (DEP) are separate projects with separate ownership structures, each will be subject to its own Final Investment Decision (FID), which means a phased construction of the projects could be required. Because of this, the DCO application will include the provision for three scenarios:

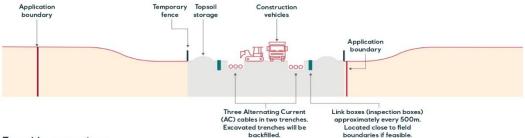
- Both of the Extension Projects being constructed at the same time with a shared offshore substation, a shared onshore substation and shared cable trenching (our preferred approach).
- 2. Just one of the projects being constructed.
- **3.** Separate cable trenching, onshore substations, offshore substations and construction periods for each project however this will remain within the same shared project footprint.

To help mitigate any disruption during construction, we are currently developing an Outline Code of Construction Practice (CoCP), which will be submitted as part of the DCO application. This will contain management measures that contractors will be required to adopt and implement for all construction activities associated with SEP and DEP.

Under the scenario of phased construction activities, onshore cabling required for the first extension project would be constructed initially along with all associated electrical infrastructure.

Open-cut trenching

Onshore cables are typically installed using an open-cut method. This includes the removal of topsoil excavating the trench, installing the ducts and backfilling the trench, with land reinstated back to its previous condition.



Trenchless crossings

We are also considering trenchless methods at certain points along the cable route. One technology we could utilise is horizontal directional drilling (HDD), a trenchless method of installing underground cables that ensures minimal impact on the surface and minimal disruption to sensitive features.

HDD could be undertaken at landfall along with infrastructure such as major river, roads, railways, woodlands, pipelines, and other sensitive areas.



Are there any experiences from the construction of the existing Sheringham Shoal and Dudgeon Wind Farms which you think we could learn from?

Have your say via our website.

3.1.5 Our Consultation Process

Our consultation process

Throughout the consultation process for the Extension Projects, we are committed to working with local communities and stakeholders to help shape our proposals. We are engaging early to seek feedback on our proposals and create an open and meaningful conversation.

Wherever possible, we will use local knowledge to inform and refine our approach – we want to understand the issues that are important to you, as well as hear any suggestions you have as to how we can improve our plans for the Extension Projects.

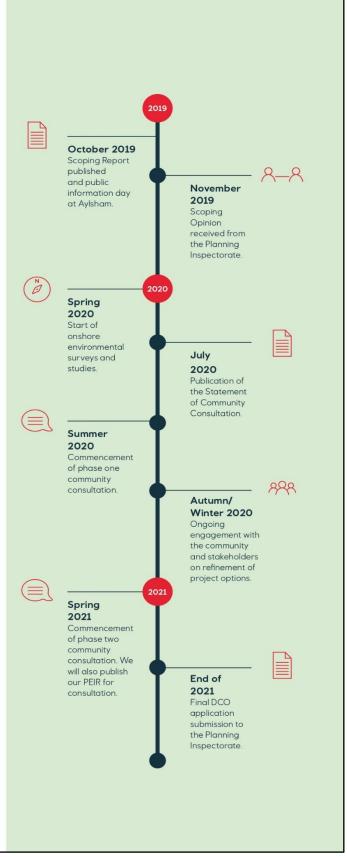
We will be holding two rounds of community consultation. During this phase one consultation, we are inviting feedback on our proposals, which will help inform our site selection process for the location of the onshore substation area, and the refinement of our onshore cable corridor.

Feedback will be taken into account on an ongoing basis as we develop our proposals.

When the proposals reach a more developed stage, we will be holding our phase two consultation. This will present our refined plans as well as the results from our environmental surveys and studies, which will be published in our Preliminary Environmental Information Report (PEIR). This will include detailed landscape and seascape visualisations of the proposals. We anticipate this phase of consultation will take place in spring 2021.

All feedback received together with a clear explanation as to how it has been considered will be presented in our final Consultation Report, which will form part of our DCO application.





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3.1.6 Our Environmental Impact Assessment

Our Environmental Impact Assessment (EIA)

We are undertaking an Environmental Impact Assessment (EIA) of the Extension Projects for both offshore and onshore elements.

An EIA is a process where we assess which impacts the proposed development may have on the environment and local communities. Impacts can be positive or negative and it is our responsibility to seek to enhance positive impacts and reduce negative impacts. Reducing negative impacts can be achieved through project design decisions and also through proposing appropriate mitigation measures.

In order to understand the local environment, the associated potential impact our development may have, and how we can reduce and mitigate impacts, our EIA will include a range of surveys and studies. These surveys will include, but not be limited to, ecology, traffic and transport, archaeology, noise and vibration, land use and visual impact / effect on the surrounding landscape.

We have already begun a series of environmental surveys along the onshore cable corridor and around National Grid Norwich Main Substation, and we are planning to expand our survey programme to include archaeological, traffic and other relevant surveys as well. These will continue until approximately summer 2021.

Some of the surveys we have completed or are ongoing are:

- A two-year survey program to understand the presence, distribution and abundance of sea birds and marine mammals which has been completed.
- A wintering bird survey which has been completed.
- Pond surveys to assess the presence of great crested newts are underway.
- Our ecology phase one survey will identify the need for further species-specific surveys this will
 focus on mapping out habitats along the proposed cable corridor.
- Bat activity surveys / bat roost surveys.
- Traffic counts on selected roads that may be required for construction traffic.
- Baseline noise monitoring at residential areas.
- Baseline photography to show existing views of the preferred substation areas.
- Archaeological geophysical surveys.



Grey seal is an example marine mammal species which will be assessed.



Sandwich tern is an example bird species which will be assessed.



Are there any plant or animal species which you feel are particularly important for us to consider? **Have your say** via our website.

Arminghall

Shortlisted fields for our onshore substation

search area of up to 6.5

-- Study Area

Preferred Zones

Onshore Scoping Boundary

Rev. no.1



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3.1.7 Our Onshore Substation Search Area

Our onshore substation search area

Both Extension Projects will connect into the national grid at Norwich Main Substation. Our preferred option is for a joint development, but the DCO application will include the provision for separate onshore substation buildings for each project within the same onshore substation area. This area will be located within a three kilometres (km) (roughly 1.9 miles) radius of the existing Norwich Main Substation.

Our site selection process

We have been conducting a site selection process to identify a suitable location for our onshore substation area of up to 6.5 hectares and a provisional additional hectare for construction equipment storage. This started with a three km radius search area from the existing National Grid Norwich Main Substation. We then mapped out a set of known environmental and technical constraints in the area to identify suitable zones.

We then compared the constraints within the nine zones, and this resulted in the selection of two preferred zones (A and B) as the most suitable to be able to accommodate the onshore substation area. Within these two zones, we have identified a shortlist of five potential fields, which we are referring to as fields 1-5 for the substation area.

Our criteria for selecting our onshore substation area:

- Proximity to the existing National Grid Norwich Main Substation
- Transport and access routes
- Public Rights of Way
- Noise impacts
- Visual impact

- Proximity to residential properties
- Impacts to local cultural heritage such as archaeology
- Environmentally designated sites
- Proximity to local conservation areas and Sites of Special Scientific Interest (SSSI)
- Existing and planned high voltage underground electricity cables
- Flood risk

We will be selecting two sites for the onshore substation area following our phase one consultation. We will consult on these two sites at our phase two consultation to then select a final site prior to submitting our DCO application.



We would like to hear what is important to you as we mature our onshore substation area site selection process. **Have your say** via our website.

All diagrams, graphics and images in this document are for illustrative purposes only

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Location of the existing

National Grid Norwich

Main Substation

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3.1.8 The Extension Projects Offshore

The Extension Projects offshore

The Extension Projects will extend the existing Sheringham Shoal and Dudgeon Offshore Wind Farms. Each of the Extension Projects will be located next to its respective existing wind farm, with Sheringham Extension Project (SEP) located approximately 17.5 km (11 miles) offshore and Dudgeon Extension Project (DEP) being approximately 31 km (20 miles) offshore at the nearest point to shore.

Offshore array area

We are proposing up to 27 and 34 turbines for SEP and DEP, respectively. These will be located within each respective offshore array area.

We currently have a range of scenarios for the turbine heights in the projects. The theoretical upper limit in our project design envelope for the maximum height of the turbines ranges between 242 and 326 metres. The taller our turbines are, the less we will need to use.

As part of our Environmental Impact Assessment (EIA), we will be undertaking a visual impact assessment specific to how the offshore infrastructure will look from different locations on the coastline.

We will be producing visualisations of this for our phase two consultation.

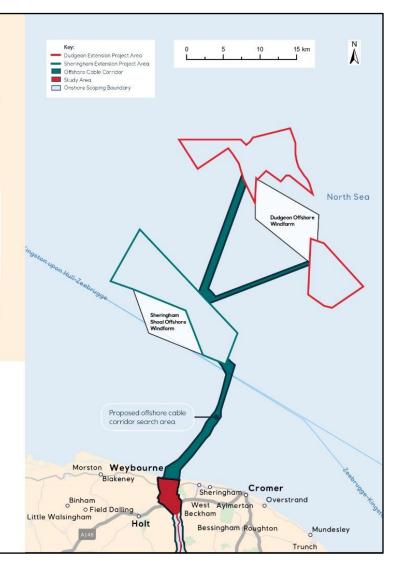
The Extension Projects will include the following new infrastructure offshore:

- Turbines and foundations
- Array cables and interlink cables to connect the offshore wind turbines to an offshore substation
- Up to two offshore substations and foundations
- · Subsea export cables
- Cable and scour protection



What issues offshore are important to you as we develop our plans? **Have your say** via our website.

All diagrams, graphics and images in this document are for illustrative purposes only



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3.2 Phase One Consultation Feedback Forms



Sheringham and Dudgeon Extension Projects Phase One Consultation Feedback Form

July 2020

We want to hear your thoughts on our proposals for the Sheringham and Dudgeon Extension Projects.

You can provide your feedback using this form, through our consultation website, or contacting us by email, freephone or freepost:

Access our consultation website directly at: sepanddep.commonplace.is

Email us at: info@sepanddep.co.uk

Call our Freephone information line: 08081 963 673



Write to us at: FREEPOST DUDGEON AND SHERINGHAM EXT

Status: Final

Please note that the deadline for the submission of feedback is Thursday 20 August 2020.

If you are a landowner, have an interest in any of the land which interacts with our proposals, or if you have any questions relating to land interests in the area, please contact the Dudgeon and Sheringham Extension Projects Land Team at Dalcour Maclaren by calling **01869 352 725** or by emailing

equinor.ukextensions@dalcourmaclaren.com. Alternatively, you can write to Simon Hinchliffe or Rhiannon Price at Dalcour Maclaren, 1 Staplehurst Farm, Weston on the Green, Oxfordshire, OX25 3QU.

You do not have to supply personal details; however, it will help us to work towards meeting the needs of the public during the consultation period and enable us to contact you regarding Sheringham and Dudgeon Extensions Projects. Your personal details will be stored in compliance with the GDPR by Counter Context, acting on behalf of Equinor New Energy Limited and will not be shared with third parties.

About you

Classification: Open

Name:	Title:	Date:
Organisation: (if applicable)		
Address:		
Postcode:	Telephone:	
E-mail address:		



More about you	3) Which aspects are important to you as we refine our proposals?						
) How would you describe your interest in the Extension Projects? Local Local Local Londowner	Local business	your comm Alternative	nents relate to a speci ely, you can also comm	ffic location, please let us nent on a specific locatio	know by providing feedbo n via our consultation web	ack on the different aspe site: sepanddep.commo	
resident Prepresentative	owner	"If you ne	ed more space when	answering these ques	tions, there is an open fo	rm box on page 6.	15.
Regular Local interest group Statutory wistor member (if so please name)		Tick box	Topic area	Landfall location	Onshore cable corridor (1000m wide scoping boundary)	Onshore substation area	Offshore area
Other (please specify).			Ecology				
Renewable energy questions			Please indicate any plant or animal species which you feel are particularly				
For each of the following statements please tell us whether you agree or lisagree with them:			important for us to consider:				
	ongly Don't agree know						
Climate change is an issue which should one addressed.	\bigcirc						
The UK needs to generate more energy from enewable sources, including offshore wind generation.			Visual impact of the project (onshore and offshore)				
Project specific feedback			59 XX 4 10 5000 75X				
n order to answer these questions, you might find it useful to view information on the Exte ia our consultation website, which can be accessed at sepanddep.commonplace.is whe provide your feedback.							
Our proposals			Archaeology and local heritage				
Our plans for the Extension Projects are at an early stage. Electricity generated by the Ex offshore will be brought ashore via subsea cables and will reach the coastline at Weybou be installed in a trench heading south towards our new onshore substation near to the ex Grid Norwich Main Substation.	rne. They will then		Please indicate any important sites in the area.				
We will be refining our proposals to:							
Narrow down the onshore cable corridor search area to approximately 200m width two consultation, which is due to take place in spring 2021. We are welcoming community boundary, of approximately 1000m, so that we can consider these as part	nents to our full		Recreation and local amenities				
narrow it down;	CONTRACTOR CONTRACTOR CONTRACTOR		of way, recreational sites, or recreational				
narrow it down;			activities onshore				
narrow it down; Identify two onshore substation area options which will then be consulted on at our ne consultation. Following our phase two consultation, one final onshore substation area		Ш	activities onshore and offshore.)				



ek ox	Topic area	Landfall location	Onshore cable corridor (1000m wide scoping boundary)	Onshore substation area	Offshore area	Our proposals for the onshore substation area We are in the process of identifying suitable site options for where our onshore substation area could be located. We have identified two zones, which we are referring to as Zone A and Zone B, to be most suitable for locating our onshore substation area. Within these two zones, we have identified a shortlist five potential fields, which we are referring to as fields 1-5, for the substation area. The onshore substati
	Traffic and access during construction					area could be up to 6.5 hectares and a provisional additional hectare for construction equipment storage. We want to identify two preferred site options within these fields for the onshore substation are to take into our phase two consultation in spring 2021. Our criteria for selecting the most suitable site options will include: Proximity to the existing National Grid Norwich Main Substation
	Tourism and the local economy					Transport and access routes Public Rights of Way Noise impacts Visual impact Proximity to residential properties Impacts to local cultural heritage such as archaeology Environmentally designated sites Proximity to local conservation areas and Sites of Special Scientific Interest (SSSI)
						 Existing and planned high voltage underground electricity cables Flood risk 4) Do you think there are additional criteria we should consider during site selection process for the onshore substation area? Yes, there are additional No, the criteria are Don't know
	Noise and vibration from construction					criteria that need to be sufficient considered If you selected "Yes", please let us know any further criteria you think should be considered.
	Fisheries and fishing industry					5) Based on the information you have seen in our consultation materials and/or at our
						virtual exhibition, do you have any comments on our shortlist of onshore substation area options (fields 1-5)?
	Other (please detail) Please list any other key aspects that are important to you or your community.					



andfall location	8) Overall, having viewed our virtual exhibition and/or consultation materials, how do you feel about the plans for the Extension Projects?
What issues are important to you for us to consider when we develop our plans for the	materials, now do you reel about the plans for the Extension Projects?
ndfall point at a location in Weybourne?	A) Letverality amount the Extension Projects
ease answer this question using any experiences you may have had during the construction of the Sheringham Shoal and	A) I strongly support the Extension Projects B) I support the Extension Projects
udgeon offshore wind farms and where you think this can be improved.	C) I am neither supportive nor unsupportive
	D) I do not support the Extension Projects
	E) I strongly oppose the Extension Projects
	L) I strongly oppose the Extension Projects
	Our consultation process
	9) How did you find out about this consultation?
	I received a leaflet I saw it advertised in I saw it advertised on social media I saw it advertised on social media
	Via a local Word of mouth
	6-4 March 19-1000 19-1000
and the same of th	Other, (clease specify)
eneral	
Do you have any further comments on our proposals for the Extension Projects?	10) Have you visited our virtual exhibition to view information about the Extension Projects?
	Yes (please access our virtual exhibition space at: event.sepanddep.co.uk)
	11) How informative did you find our virtual exhibition and/or our consultation materials?
	Very Quite Not No Opinion Opinion
	12) Do you think there is anything we can improve about our consultation?

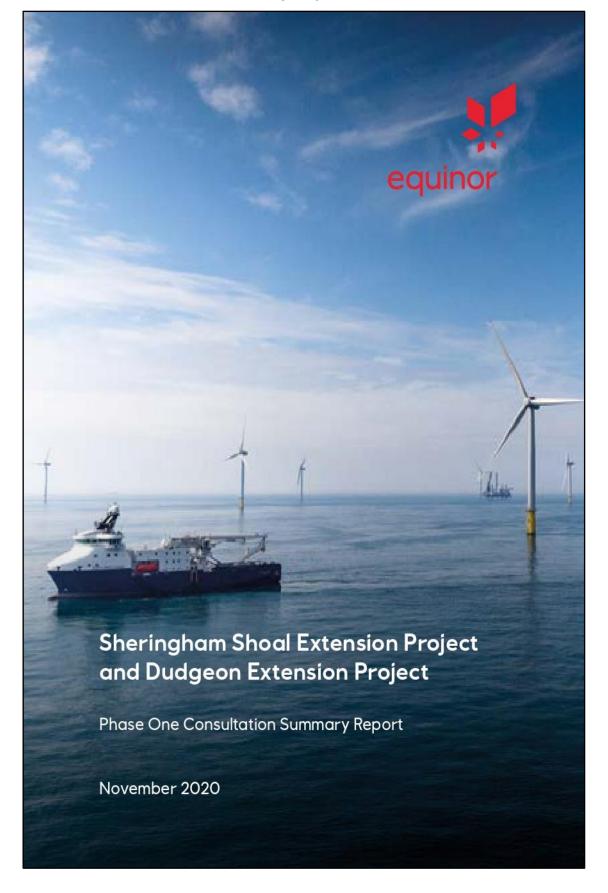


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	contacted, please provide your postal and/or email address in the 'About you' section of this feedback form.
Post	Email
Get in touch	
To return your co	empleted feedback form, put this feedback form in an envelope and address it to: GEON AND SHERINGHAM EXT. You will not need a stamp.
FREEPOST DUD	can answer the same questions on our consultation website: monplace.is
Alternatively, you	monplace.is

Classification: Open Status: Final

4 Phase One Consultation Summary Report





Rev. no.1

Introduction

Equinor is bringing forward proposals to extend the existing Sheringham Shoal and Dudgeon offshore wind farms located off the North Norfolk Coast.

In July and August 2020, we held our phase one community consultation, and invited comments on our early stage proposals.

Thank you to everyone who participated in our consultation. The feedback we received has helped to improve our understanding of the local area, including any specific considerations or concerns.

This Consultation Summary Report provides an overview of the feedback we received during our consultation and what we are doing in response to this feedback. We will also explain the opportunities for you and your community to engage with the project moving forward.

Sheringham Shoal Extension Project and Dudgeon Extension Project

The proposed Sheringham Shoal Extension Project (SEP) and Dudgeon Extension Project (DEP) (known as the 'Extension Projects') will have the potential to generate a combined 719 megawatts (MW) of renewable power, capable of powering 820,000 UK homes.

We are seeking to minimise potential impacts on the community and the environment by adopting a shared onshore footprint for the Extension Projects. This means that we will apply for a joint Development Consent Order (DCO) application, which will be determined by the Secretary of State for Business, Energy and Industrial Strategy (BEIS).

About Equinor

Equinor is the UK's largest energy supplier and we are committed to investing in projects that secure reliable energy for years to come. As a broad energy company leading the way in decarbonisation, we are a key contributor to the UK's efforts to meet its net zero carbon target.

Headquartered in Norway, we are one of the world's largest offshore wind developers. We power over one million homes across Europe with renewable energy from our existing offshore wind farms in the UK and Germany.

Our current UK offshore wind farms provide enough renewable electricity to power over 750,000 UK homes. We are proud to utilise local skills and suppliers and support local projects through our community funds.

We have extensive experience developing, building, and operating offshore wind farms in the UK, and we are pioneering floating offshore wind technology.



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Our phase one consultation

Our phase one community consultation was held in July and August 2020.

We publicised our consultation locally and online by:



Holding a virtual exhibition to display all the information on the Extension Projects. You can still visit our virtual exhibition at event.sepanddep.co.uk



Distributing our community consultation leaflet to over 11,400 local residents and businesses within our core consultation area.



Placing advertisements in a number of local newspapers, including: North Norfolk News, Eastern Daily Press, Dereham & Fakenham Times, Norwich Evening News and Diss Mercury.



Engaging with your parish, district, and county councillors across the consultation area.



Displaying posters at local information points across our consultation area, such as at grocery shops, post offices and libraries.



Advertising our consultation across Equinor UK's Twitter and Facebook accounts, including targeted localised campaigns.



Displaying information and requesting feedback on the Extension Projects via our digital feedback platform. This can be viewed at sepanddep.commonplace.is

We welcomed over 1.700 visitors to our virtual exhibition.

During our phase one consultation we received almost 300 pieces of feedback.







Doc. No. C282-CC-Z-GA-00012 Rev. no.1

Your feedback Our phase one community consultation provided an opportunity for people to view and comment on our early stage proposals. The feedback we have received as part of this consultation has helped to ■ Agree Agree improve our understanding of the local area and the aspects of the Extension ■ Disagree ■ Disagree Projects that are important for us to consider as we refine our proposals. ■ Don't know Don't know Aspects important to the local community 95% of respondents agreed that 89% of respondents agreed climate change is an issue which that the UK needs to generate should be addressed. more energy from renewable Traffic and access during construction sources, including offshore wind generation. Ecology Visual impact Noise and vibration from construction Recreation and local amenities Tourism and the local economy ■ Very informative Oppose Quite informative ■ Neutral ■ Not informative Archaeology and local heritage ■ Support No opinion Fisheries and fishing industry 2 4 6 8 10 12 14 16 18 48% of respondents either 61% of respondents found our supported or strongly supported virtual exhibition or consultation the Extension Projects. 34% materials very informative or quite either did not support or strongly informative. opposed the Extension Projects, and 18% provided a neutral view.



Doc. No. C282-CC-Z-GA-00012 Rev. no.1

1.1	,	0
How	we ve	listened

There were a number of key themes which emerged from the feedback we

nere were a n	umber of key themes wh	ich emerged from the feedback we	Ecology	reopie expressed	As we retifie our proposals it is
ceived. These	e are listed below with inf	formation on what we are doing in	and nature	concerns regarding	important to us that we avoid or
esponse.			conservation	the potential impacts	minimise any ecological impacts.
	1	T-		of the proposals on	A range of ecological surveys are
Theme	Your comments	What we are doing		wildlife, both onshore	currently underway to collect data
				and offshore.	about the habitats and species within
Traffic and	Across the	We understand that traffic and access		Respondents also	the onshore and offshore study areas.
access	consultation area	during the construction of the Extension		highlighted a number	This data is being used to further
during	people expressed	Projects is one of the most important		of Sites of Special	develop the layout and engineering
construction	concerns about	local issues. We are working with Norfolk		Scientific Interest	design of the Extension Projects. For
	disruption, caused by	County Council and Highways England		(SSSIs) that should	example, we have routed our onshore
	construction traffic	to establish a construction traffic routing		be avoided, such as	cable corridor to avoid important
	and access, to the	strategy which will be submitted as part		Swannington Upgate	habitat areas, such as woodland and
	narrow road network	of the DCO application.		Common and	ponds, while investigating sensitive
	in Norfolk.	The state of the		Alderford Common	cable installation methods where
	000040000000000000000000000000000000000	An important consideration for this will		near Swannington.	habitats cannot be avoided.
	Key roads included	be the avoidance of single carriageway			
	Mangreen Lane and	roads where possible, and routing of		Residents also	Available results of the ecological
	Hickling Lane near	construction traffic away from villages		highlighted a	surveys will be shared in the Preliminary
	Swardeston, Chapel	and properties.		number of important	Environmental Information Report
	Street in Cawston.			species, such as	(PEIR) at phase two of our community
	and the A148 near	As part of our DCO application we will		bats, badgers, great	consultation.
	Bodham, Beach Lane	also be producing a draft Construction		crested newts, along	
	in Weybourne was	Traffic Management Plan, which will be		with migrating birds	The PEIR will include an assessment of
	also of concern.	informed by baseline traffic information		along the coast.	impacts to ecology, including how we
	also or correcting	and include an anticipated number of			plan to avoid, reduce, and mitigate any
		Heavy Goods Vehicles (HGV) movements			impacts.
		as part of the onshore works. We are			
		currently gathering baseline traffic flow			In addition, we are also collecting data
		and road safety data to inform our			on the condition of habitats within the
		assessment work. At our phase two			onshore study area to help us identify
		consultation we will be presenting this			where biodiversity can be improved.
		assessment of potential impacts on driver			We will present areas which can be
		delay, pedestrian and cycle amenity,			improved for biodiversity in our final
		pedestrian and cycle delay, and road			DCO application.
		safety – as well as outlining proposals for			
		The property of the second control of the se			
		mitigation measures.			
	1	L		1	

Your comments

People expressed

Theme

Ecology

What we are doing

As we refine our proposals it is

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Theme	Your comments	What we are doing	Theme	Your comments	What we are doing
Visual impact	A number of people were concerned about the potential visual impact of the onshore substation, especially from the Tas Valley. People were also concerned about how visible the turbines would be from shore, especially given the proximity of the existing wind farms.	We are taking careful consideration of how we can minimise and mitigate visual impact. At our phase two consultation, planned for spring 2021, we will be seeking feedback on a preliminary visual impact assessment of each substation option from surrounding viewpoints agreed with the relevant local planning authorities. The findings of the visual impact assessment, and feedback from our phase two consultation, will help us to identify which of the substation area options will be taken forward for the DCO application. At our phase two consultation we will be able to show imagery of what the design of our onshore substation could look like. We will also be assessing the visual impact of the offshore wind turbines for the Extension Projects, from a range of sites along the North Norfolk coast.	Noise and vibration from construction	Noise and vibration from construction was also highlighted by respondents as a key concern. Most frequently, respondents questioned what noise will be associated with construction, how long this would last for, and what hours construction would be taking place.	Understanding the noise and vibration associated with construction will be important, and a noise and vibration impact assessment will be included within the PEIR. This will provide details of the noise and vibration levels associated with construction and any management measures required to control and limit noise and vibration. This assessment will also include information regarding normal hours of working and permissible noise levels. These noise levels would be agreed with the Environmental Health Officers from each District Council and set out within the application documents. These measures will then be secured through the DCO and will be a requirement for all contractors working on the Extension Projects.

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Theme	Your comments	What we are doing	Theme	Your comments	What we are doing
Public Rights of Way	Local residents highlighted the importance they place on the Public Rights of Way (PRoWs) across the area, including the Coastal Path.	We understand the importance of PRoWs to the community and we will be taking into consideration how the Extension Projects interact with PRoWs, such as footpaths, cycle routes and bridleways. This will be done as part of the Environmental Impact Assessment (EIA) process. We will be creating a strategy for how PRoWs will be managed as part of our DCO application, which will be agreed with Norfolk County Council who are responsible for all PRoWs and National Trails in Norfolk.	Historic environment and local archaeology	Residents highlighted the importance of local archaeological sites, such as Caistor St Edmund, Kett's Oak near Hethersett and a number of World War II sites.	We have avoided direct impacts to designated heritage assets such as Listed Buildings and Scheduled Monuments as part of our site selection process. Surveys are currently ongoing to investigate the archaeological potential within the onshore study area. This will inform further decision about the site selection process. We will also consider indirect impact to heritage assets in the PEIR that will be published at our phase two community consultation.
		we will carefully consider now to maintain safe access along PRoWs for members of the public through management and/or the use of short-term temporary closures and diversions where necessary. At our phase two consultation we will present an assessment of impacts on PRoWs as well as our mitigation proposals.	Cumulative impacts	People also raised concerns about the cumulative impacts of other projects in the region, such as other energy projects, the Norwich Western Link and A47 dualling.	We understand that there have beer multiple developments in the area and are working hard to avoid and minimise any potential cumulative impacts with other proposed developments. This will form a key part of the EIA and we have been studying all of the information available so that we can understand potential interactions with other projects. As part of our commitment to reduce impacts on local communities from multiple projects, we decided to take a joined-up approach and bring together two separately owned offshore wind farm extensions into a shared onshore footprint as one single DCO application.

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Theme	Your comments	What we are doing
Offshore coordination project	A number of local residents noted that the North Norfolk area has been subject to multiple windfarm developments and questioned whether an offshore ring main could be used as an alternative.	We understand that there are a number of windfarm projects planned in the local area and as part of our commitment to reduce impacts on local communities, we decided to take a strategic approach and bring together two separately owned offshore wind farm extensions into one single DCO application. It is our intention to install both cables within a shared onshore footprint, to minimise disruption. We are also actively engaging with the Government's Offshore Transmission Network Review and are fully supportive of efforts for greater coordination in the offshore wind sector. We continue to use our position and experience to promote this idea with the Government and are working closely with trade body Renewable UK to feed into the Government's review. In the absence of a legislative proposal to support a coordinated approach, it is not possible for us to integrate that option with the Extension Projects.

All comments received to this consultation will be responded to in our

Consultation Report, which will be submitted as part of our DCO application.

What's next?

Over the coming months, we will be developing our proposals for the Extension Projects based on feedback received during our phase one consultation.

We plan to hold our second phase of community consultation in spring 2021, where we hope to hold face-to-face consultation events and present our latest proposals in person. Face-to-face events will be dependent on COVID-19 and UK government advice and restrictions on public gatherings.

In the meantime, we will be continuing engagement with all stakeholders, including parish, district and county councillors. We will be setting up locally specific stakeholder forums to focus on key aspects of the proposals for the Extension Projects. We will also ensure to keep you updated with latest plans via regular community newsletters.

Stay informed

You can sign up to receive project news via our digital engagement platform (sepanddep.commonplace.is/news) or communications channels, as listed on the back of this leaflet.

Viewing our materials

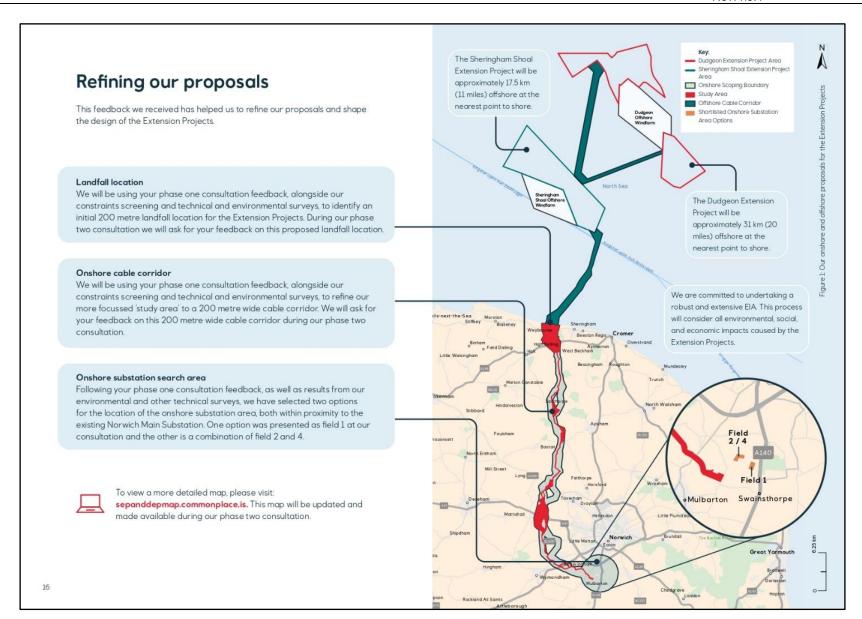
All information regarding the Extensions Projects is available to view on our website (**sepanddep.commonplace.is**). This includes our interactive map where you can view areas of interest in more detail, and PDF maps which can be downloaded.

All of our consultation documents will be available to view and download from our consultation website. Alternative methods of receiving documents can also be arranged at no extra cost for those without computer or internet access.

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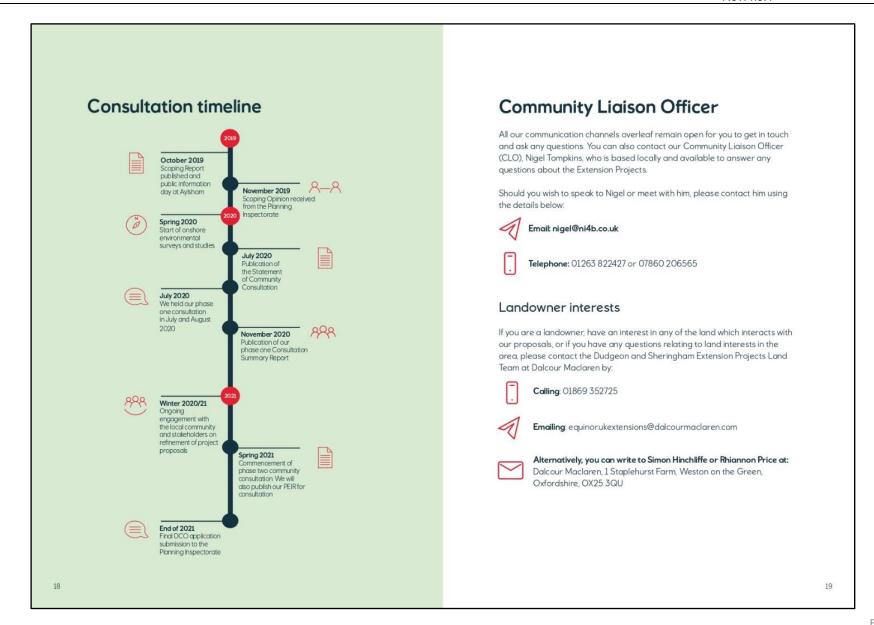


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Contact us

You can get in touch with our community relations team at any time by any of the methods below:



Send us an email: info@sepanddep.co.uk



Call our Freephone information line: 08081 963 673



Visit our website: sepanddep.commonplace.is



Send us a letter: FREEPOST DUDGEON AND SHERINGHAM EXT

Should you require this document in large print, audio or braille then please contact us using the details provided.

When responding to our pre-application consultation your personal data will be stored in compliance with GDPR by Equinor and will not be shared with third parties. Your details may however be passed on to the Planning Inspectorate to ensure that our pre-application consultation is sufficient and in line with the planning process.



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For all sources please visit our website or contact a member of our team.

This has been printed on FSC certified paper.