



Welcome to your Community Consultation Event for Hornsea Project Three Offshore Wind Farm.

### Please come in and have a look around.

Our Project Team look forward to meeting you and answering any questions you might have.

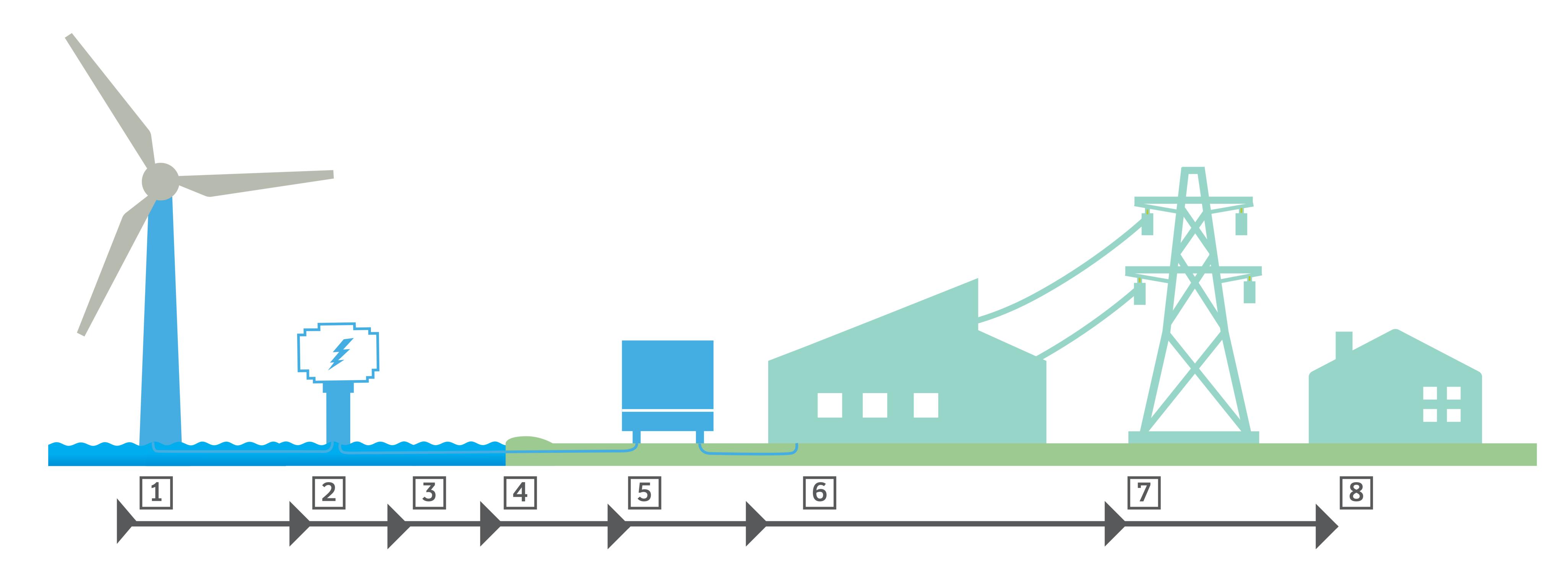


DONG Energy is proposing to develop a new offshore wind farm (Hornsea Project Three), in the North Sea, located approximately 120 km off the North Norfolk coast.

## Who is DONG Energy?

DONG Energy is the global leader in offshore wind power; we are an oil and gas producer and a leading energy supplier to the industrial and commercial market. Headquartered in Denmark, we have been in the UK since 2004.

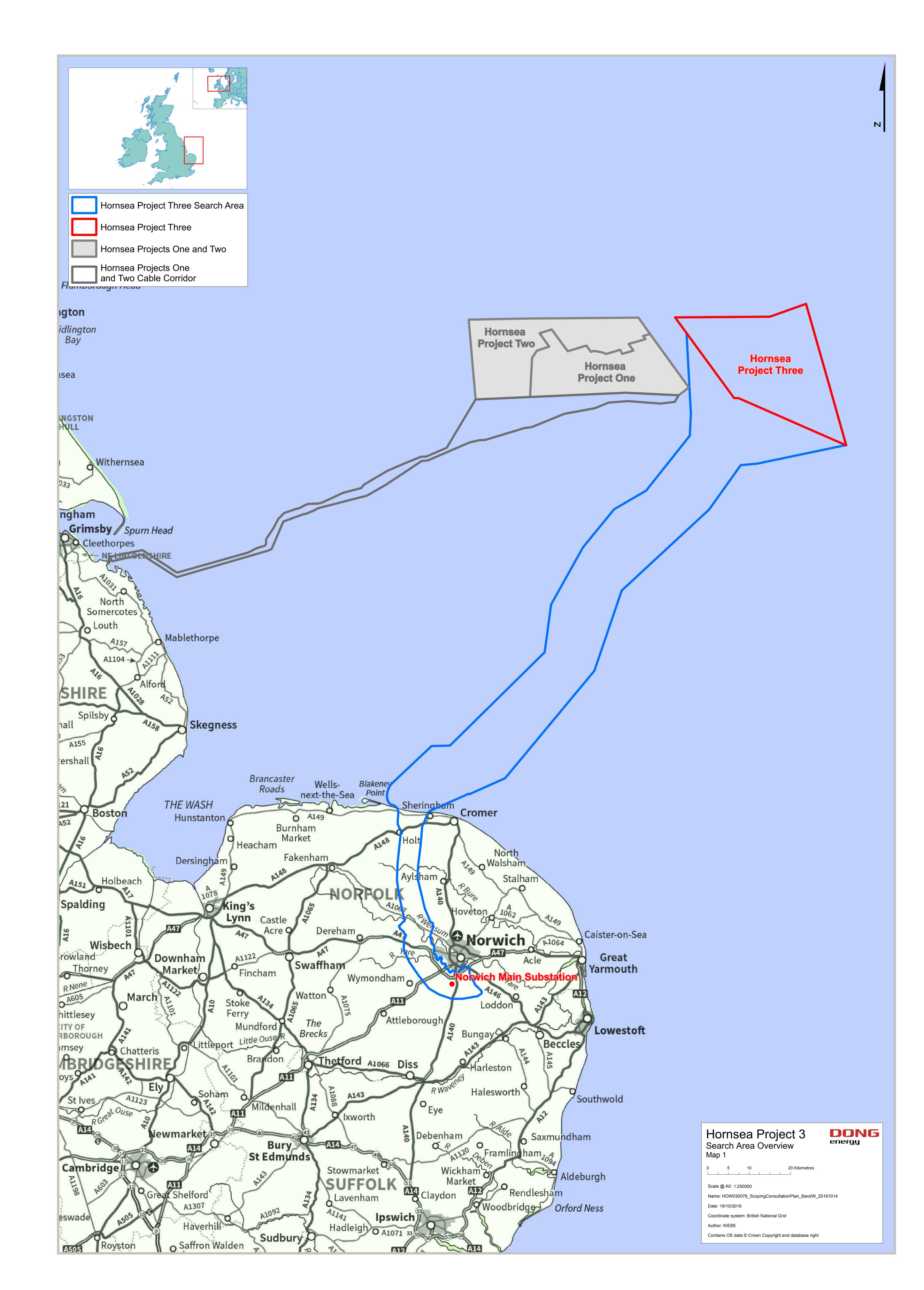
The UK is now our primary market for offshore wind power production. We have invested around £6 billion in the UK and plan to double this investment by 2020. We are committed to innovation, taking a lead in driving down the costs of wind power and developing innovative solutions for our energy customers.



## Components of a typical offshore wind farm

- 1. Offshore wind turbines and inter array cables
- 2. Offshore substation
- 3. Offshore export cable and landfall
- 4. Onshore export cable

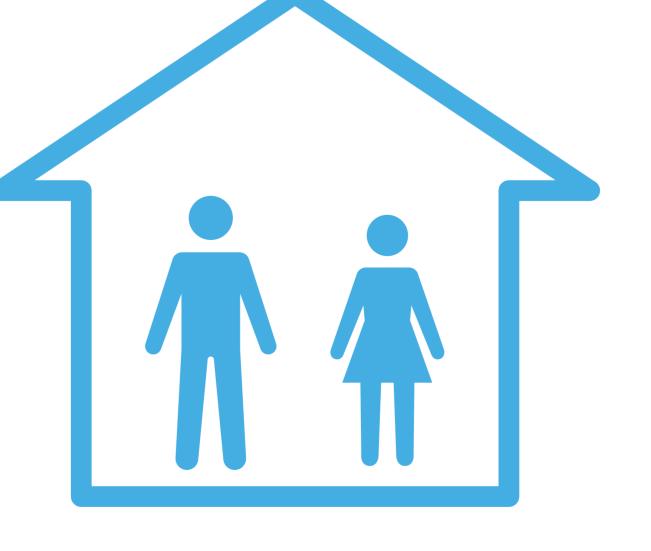
- 5. DONG Energy onshore substation
- 6. Existing National Grid substation
- 7. Existing National Grid power lines
- 8. Homes



If built out to full capacity,
Hornsea Project Three could
be the world's largest offshore
wind farm, capable of
powering well over











# Consultation Process

### The planning process

Hornsea Project Three is a Nationally Significant Infrastructure Project (NSIP) and must apply for a Development Consent Order (DCO) under the Planning Act 2008 (the Act). Consents for the wind farm, the offshore and onshore cable route (including substations and final grid connection) will be included in the DCO.

Hornsea Project Three is currently in the pre-application phase for the DCO, with a consent application expected to be submitted in 2018.

If successful, construction of Hornsea Project Three could take place between 2022 and 2025<sup>2</sup>.

We are in the early stages of developing Hornsea Project Three and are looking for your input to help shape the Project as it progresses.

For more information on our plans for community consultation, please see our Statement of Community Consultation (SoCC).

Guidance on the planning process can be found on the PINS website at:

http://infrastructure.planninginspectorate.gov.uk/ legislation-and-advice/

### Public consultation

The Project will hold a minimum of two rounds Your views are important to us and your of community consultation events at various locations across the consultation area. These process. You can provide feedback on the events fall into two phases:

Phase One – Informal consultation on initial Project information, including the consultation process and considerations for siting the proposed infrastructure.

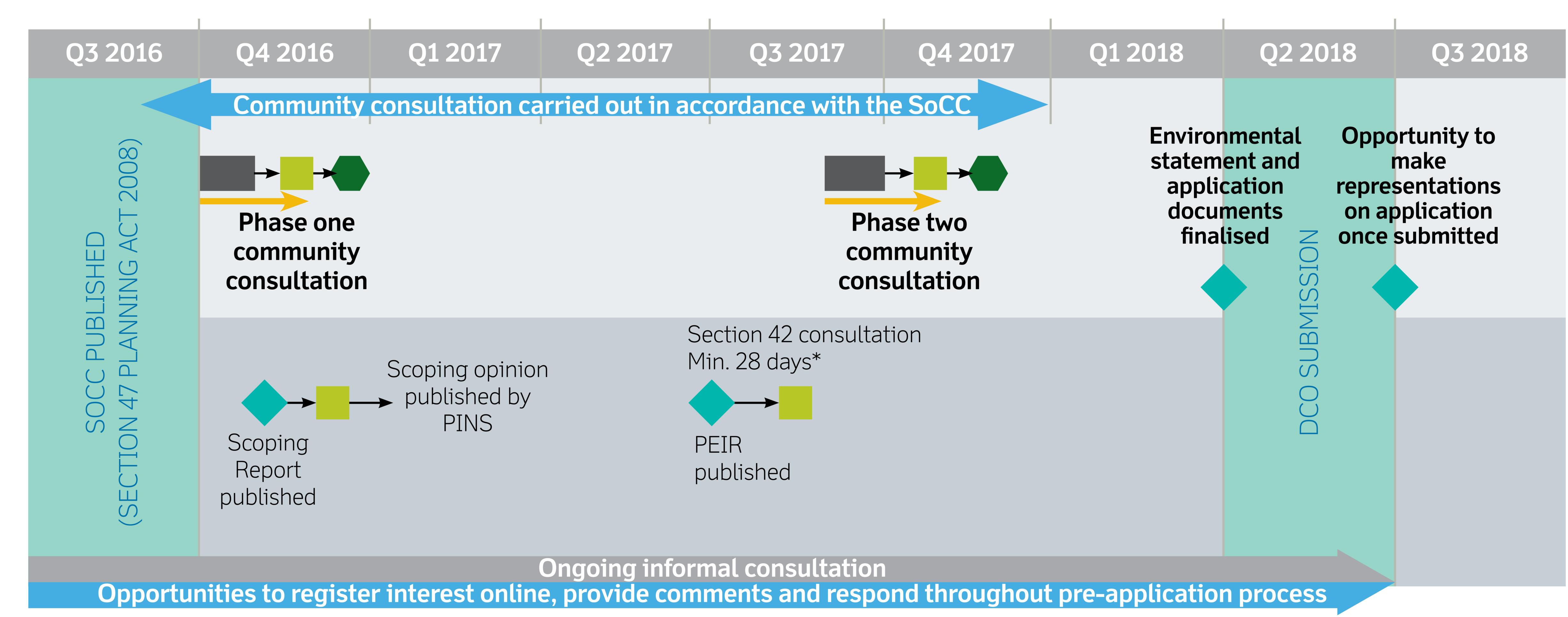
Phase Two – Formal consultation on the contents of our Preliminary Environmental Information Report (PEIR) and preferred cable route and substation

## Letting us know your views

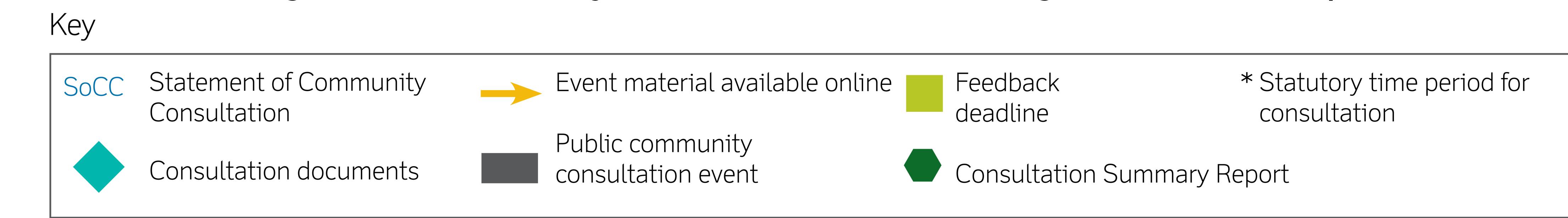
feedback today will feed into the site selection information you have received through the following channels:

- By talking directly with a member of the team
- By drawing/commenting directly on our foam boards
- By completing a feedback form

After the events we will publish a Consultation Summary Report, which will provide an overview of all of the views expressed at this first set of events.



Note: Regular newsletters and key documents will be available throughout the consultation process.







## Offshore

Up to 400 turbines will be located within the offshore array area. We are currently exploring an area of 696 km<sup>2</sup>, over 17 times the size of Norwich, located approximately 120 km off the North Norfolk coast.

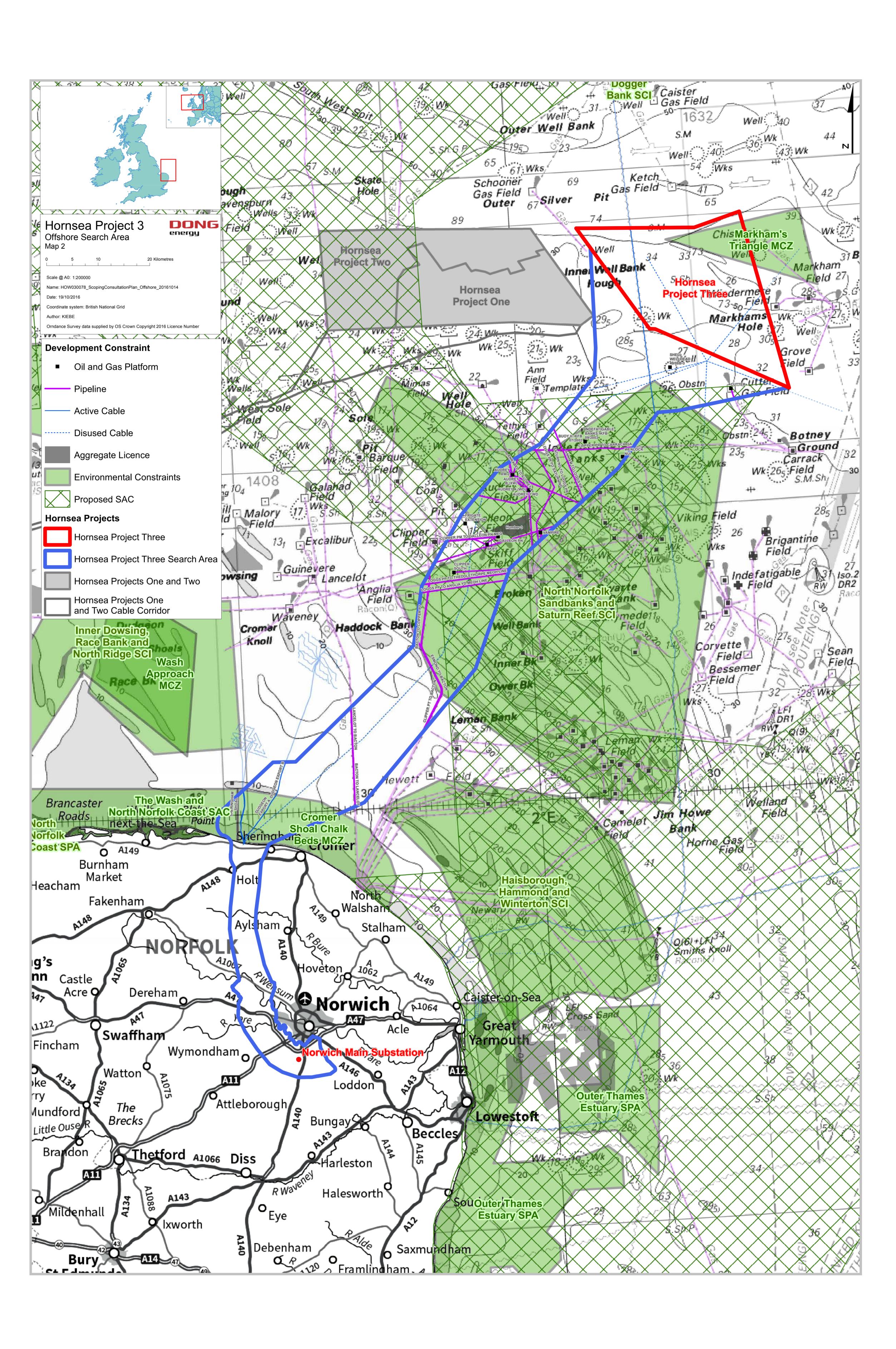
Electricity generated by the offshore wind turbines will be brought onshore by up to six subsea export cables, via an offshore High Voltage Alternating Current (HVAC) booster station (if required) before making landfall along the North Norfolk coast in the vicinity of Sheringham.

The site selection process will take a number of factors into consideration, including the potential impact on the following:

- Biological environment (e.g. birds and marine mammals, environmentally sensitive areas)
- Physical environment (e.g. seabed conditions, marine processes)
- Human environment (e.g. fisheries, archaeological sites, recreation, shipping)

As the Project develops, we will refine these areas. A selection of potential turbine layouts (for the purpose of assessing environmental impacts) and one or more offshore export cable route options (including required substation(s) options being considered) will be presented during Phase Two Consultation.

Please take this opportunity to view the maps we have provided on the table and highlight any features that you would like to make us aware of within the search area.







## Onshore

We are currently reviewing environmental constraints and collecting data from the onshore cable search area within a 5 km corridor. This extends from the proposed landfall area (in the vicinity of Sheringham, on the North Norfolk coastline) and travels southwards to connect into Norwich Main National Grid Substation.

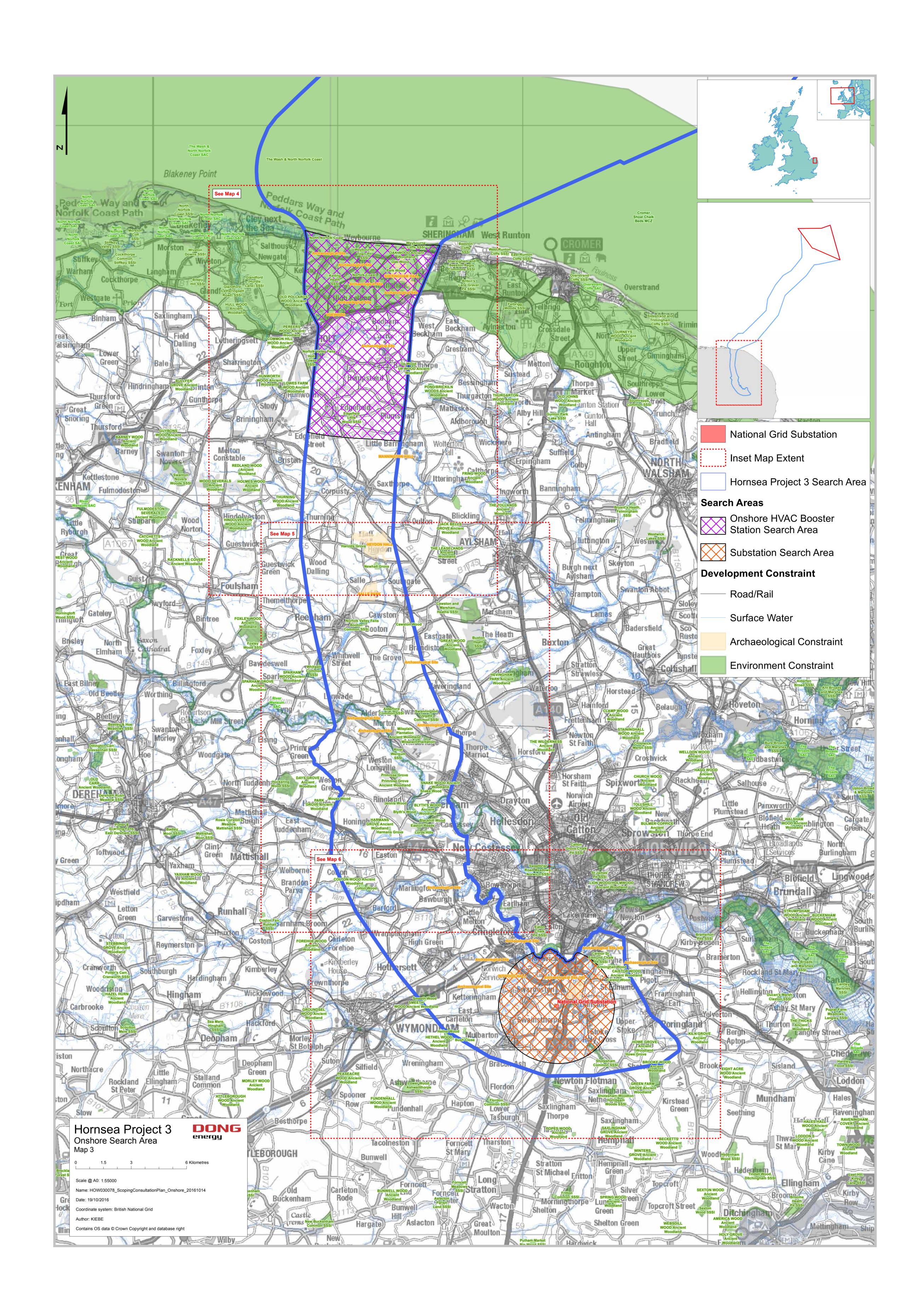
This includes exploring potential sites for locating the onshore substation in the vicinity (3 km radius) of the existing National Grid substation and the onshore High Voltage Alternating Current (HVAC) booster station (if required) within approximately 10 km of the cable landfall at the coast.

The site selection process will take a number of factors into consideration, including the potential impact on the following:

- Biological environment (e.g. onshore ecology, environmentally sensitive areas)
- Physical environment (e.g. land use, ground conditions)
- Human environment (e.g. archaeological and cultural sites, developed areas, recreational activities, infrastructure)

As the Project develops, we will refine these areas. One or more onshore cable route(s) and required onshore substation(s) will be presented during Phase Two Consultation for you to comment on.

Please take this opportunity to view the maps we have provided on the table and highlight any features that you would like to make us aware of within the search area.





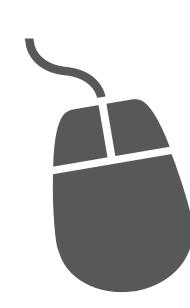






## We want to hear from you.

At DONG Energy, we prioritise engaging with the communities in which we work. Throughout the consultation period for Hornsea Project Three, you will be able to get in touch with us using any of the channels listed below.

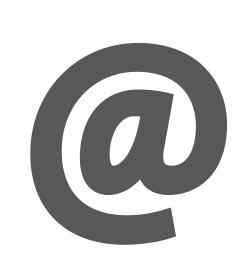


Website: www.dongenergy.co.uk/hornseaproject3 Read the latest information on Hornsea Project Three, including our plans for public consultation on our dedicated website.



#### Freephone Information Line: 0800 0288 466

This Freephone information line is open for calls between 9am and 5pm, Monday to Friday, with an answer phone facility to take calls outside these hours. The information line allows you to ask questions about Hornsea Project Three and the consultation process.

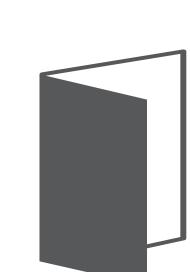


Enquiries Email: contact@hornsea-project-three.co.uk
The enquiries email allows you to put general questions or comments in writing about Hornsea Project Three.



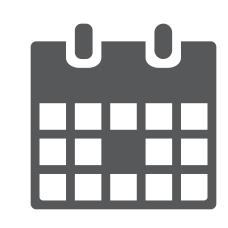
### Community Access Points (CAP sites)

CAP sites are places where you can obtain information about Hornsea Project Three. They are local sites easily accessible to people in the area, such as shops, libraries and community buildings. You can find your nearest CAP site by using our online mapping tool on our website.



#### Newsletters

Quarterly newsletters will contain information about Hornsea Project Three and the progression of the consultation process. Newsletters will be sent to local authorities, council offices and CAP sites, as well as being available online through the website.



#### **Events**

We will keep you up to date at events such as exhibitions and meetings during the consultation period. Event details will be published in our newsletters, on our website and shared with local groups such as Parish Councils.



### Twitter: @DONGEnergyUK #HornseaProject3

We will tweet about Project developments and activities during the consultation period so that you can keep up to date using social media.



### Send us a letter

Hornsea Project Three Offshore Wind Farm, c/o Emily Woolfenden, DONG Energy Power (UK) Ltd, 5 Howick Place, Victoria, London, SW1P 1WG