

Welcome to Dengie Marshes Wind Farm

**Welcome to our stage two public consultation
for the Dengie Marshes Wind Farm.**

Today's event will present details about our emerging proposals, the community and environmental context of Dengie Marshes Wind Farm, and allow us to understand your priorities as we progress with our plans.

We encourage you to read the information on display today and speak to the project team to ask any questions you may have.

Our consultation is open 23rd June – 21st July.

Have your say and provide your feedback by completing a feedback form online.



Scan the QR code to be
taken to our website and
provide your feedback.

Why onshore wind?

The delivery of large-scale renewable energy, like the plans for Dengie Wind Farm, is an urgent, national priority. Onshore wind is one of the cheapest forms of energy available in the UK and has a critical role in achieving both local and national energy targets.

How do wind turbines work?

Wind turbines consist of a set of blades forming a rotor, connected via a driveshaft to a box containing the generator (called a nacelle).

This assembly is mounted on a tower to provide ground clearance and access the stronger winds higher up. The wind - even just a gentle breeze - makes the rotor spin, creating kinetic energy. The rotation turns the shaft in the nacelle which spins a generator to convert this kinetic energy into electrical energy.

Why here?

The Dengie Peninsula is an ideal location for onshore wind for several reasons including:

- Proven suitability for wind in a rural location, helping to create a diverse energy system and protecting bill payers from future price shocks
- Proximity to the 132kV grid connection at the Rayleigh substation, where there is capacity for the electricity generated to be connected to the National Grid
- Potential for construction access via a marine transfer facility, minimising construction impacts
- Opportunity to safeguard ecologically sensitive areas off the coast

About us & project evolution

Dengie Marshes Wind Farm is a joint development between local landowners D.J. Fisher (Farms), J D Mee & Sons, Parker Farms, Strutt and Parker Farms, and UK-based independent energy company, Naseby Energy.

Naseby Energy is at the forefront of the UK's drive for clean power and the team have extensive experience in the development, construction, ownership and operation of wind farms.

We have a long-term vision for the Dengie Marshes Wind Farm, to develop a project that will bring real economic and sustainability benefits to the local community, while making an important contribution to the UK's clean power transition.

Project evolution

We held our first round of consultation events for the project in February 2025 which helped shape the project in meaningful ways, including the turbine layout and construction access.

Key developments in response to your feedback include:



Turbine size - Since Stage One, we have reduced the number of turbines from 17 to 15 and lowered the maximum height from 220 to 200 meters.



Proximity to homes and sensitive areas - We've refined the layout to maintain appropriate distances from homes, and important ecological sites.



Construction traffic and transport routes - To reduce pressure on local roads like the B1010 and B1018, we are proposing to use a marine transfer facility for large components.

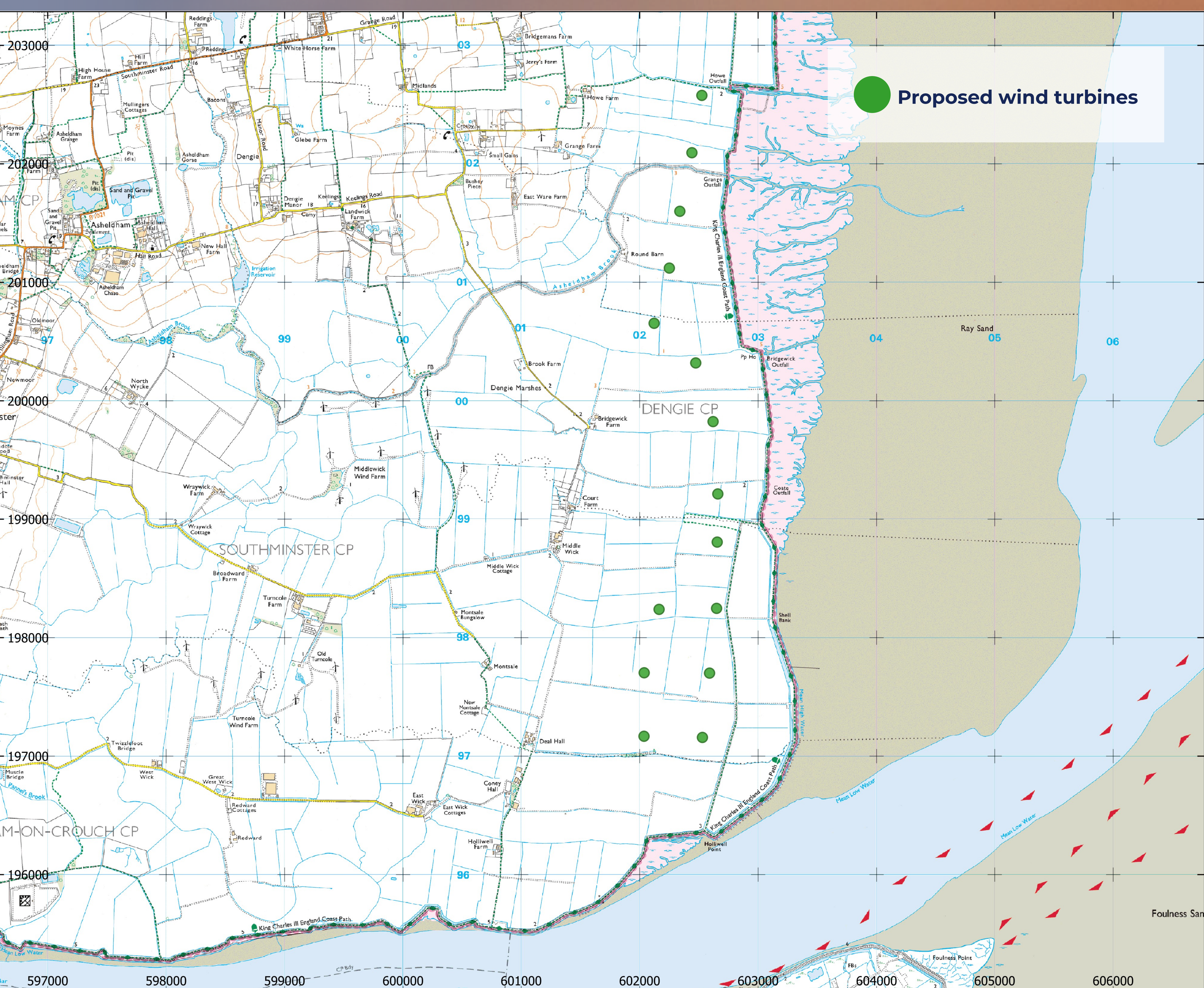


Environmental and wildlife considerations - We are committed to protecting local wildlife and landscapes. Environmental impact assessments are underway, and we are working closely with ecologists to avoid key habitats and migration paths.



Layout and access road improvements - The new access routes within the site have been re-routed to reduce disruption to nearby properties and villages.

Our proposals



Over the past few months we have been working hard to design a scheme that takes on board public feedback alongside addressing environmental sensitivities.

Our draft proposals now include 15 turbines with a maximum height of 200m. These are in a linear arrangement near the east coast of the Dengie Peninsula, between the existing Turncole and Middlewick wind farms and the sea.

Factors that have contributed to our layout include:

- Maintaining appropriate noise buffers between existing residential properties and turbines
- Designing the project with regard to the landscape character and existing wind farms
- Maintaining an appropriate buffer between the turbines and the ecologically sensitive coastal salt marshes
- Positioning turbines to allow for reuse of existing infrastructure created for the existing wind farms wherever possible

Our proposals have been sensitively designed to enable farming to continue, minimise any adverse environmental effects and enhance the biodiversity of the area. Your feedback is always important to us as we refine our proposals.

Protecting and enhancing the environment

The environment is a key consideration informing how we design the project. We want to find opportunities to both enhance the environment and minimise and/or mitigate any negative impacts.

The project is one that requires an Environmental Impact Assessment (EIA). We have prepared an EIA Scoping Report and requested a Scoping Opinion from Maldon District Council in accordance with best practice guidance. The document sets out our approach to the environmental assessment to establish what information may be needed to identify any likely significant effects.

The EIA Scoping Report also sets out the methods to be followed, using established industry guidelines and is being completed by experienced and qualified professionals in a wide range of environmental fields.

We are meeting with local planning officers and other stakeholders to share details and get their feedback on the project and our proposed approach to the EIA.

Some of the key environmental matters that we have been surveying since 2023 include:



Air quality
and climate



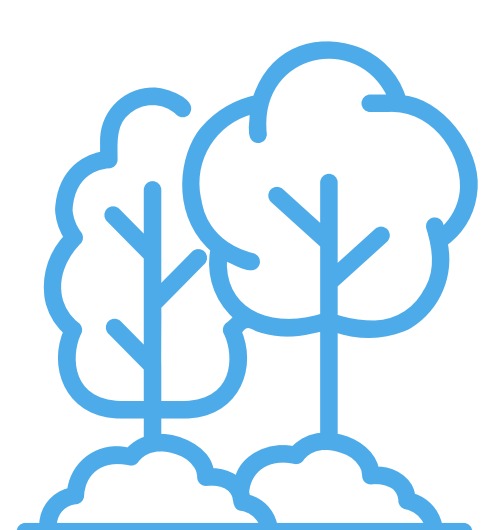
Ecology and
biodiversity



Historic
environment



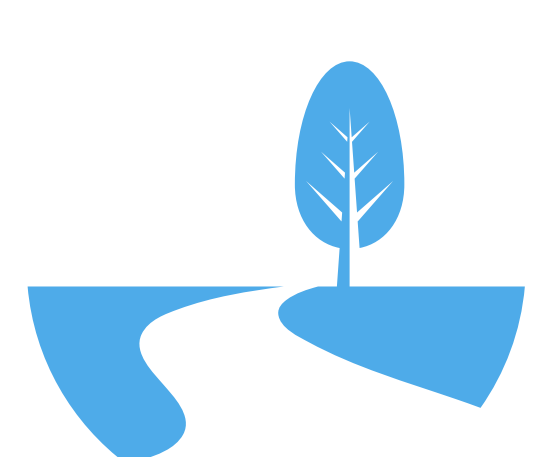
Noise and
vibration



Land
use



Traffic
and transport



Landscape
and visual
effects



Waste
and natural
resources



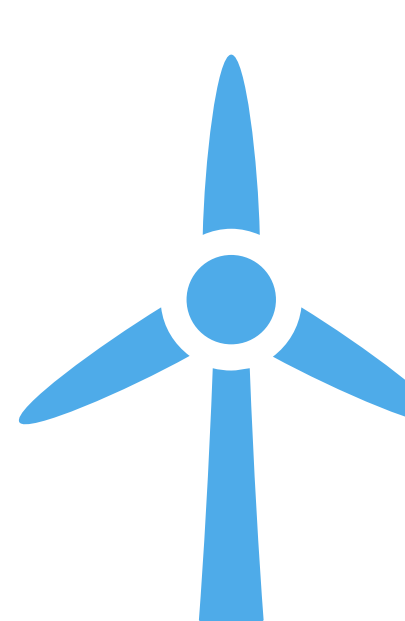
Aviation
and radar



Cumulative effects
and alternatives



Hydrology
and flood risk



Shadow
flicker

Ecology and wildlife

We are committed to protecting and enhancing the environment. Our Environmental Impact Assessment (EIA) will identify any significant effects and outline measures to avoid and mitigate them.

The coastal margins of the Dengie Peninsula is a rich area for wildlife and the project is near several nationally and internationally important habitats, including:

- Dengie SPA, Ramsar & SSSI
- Essex Estuaries SAC
- Outer Thames Estuary SPA
- Crouch & Roach Estuaries SPA & Ramsar
- Foulness SPA & Ramsar

These areas support over 20,000 non-breeding birds and rare species like marsh harrier, hen harrier, and dark-bellied brent geese.

Enhancing nature

We are planning habitat improvements on and off site, including netter ditches and hedgerows, new grassland and tree planting, and offsite wetland creation near the Crouch Estuary. These efforts enhance biodiversity and benefit species linked to nearby protected areas.

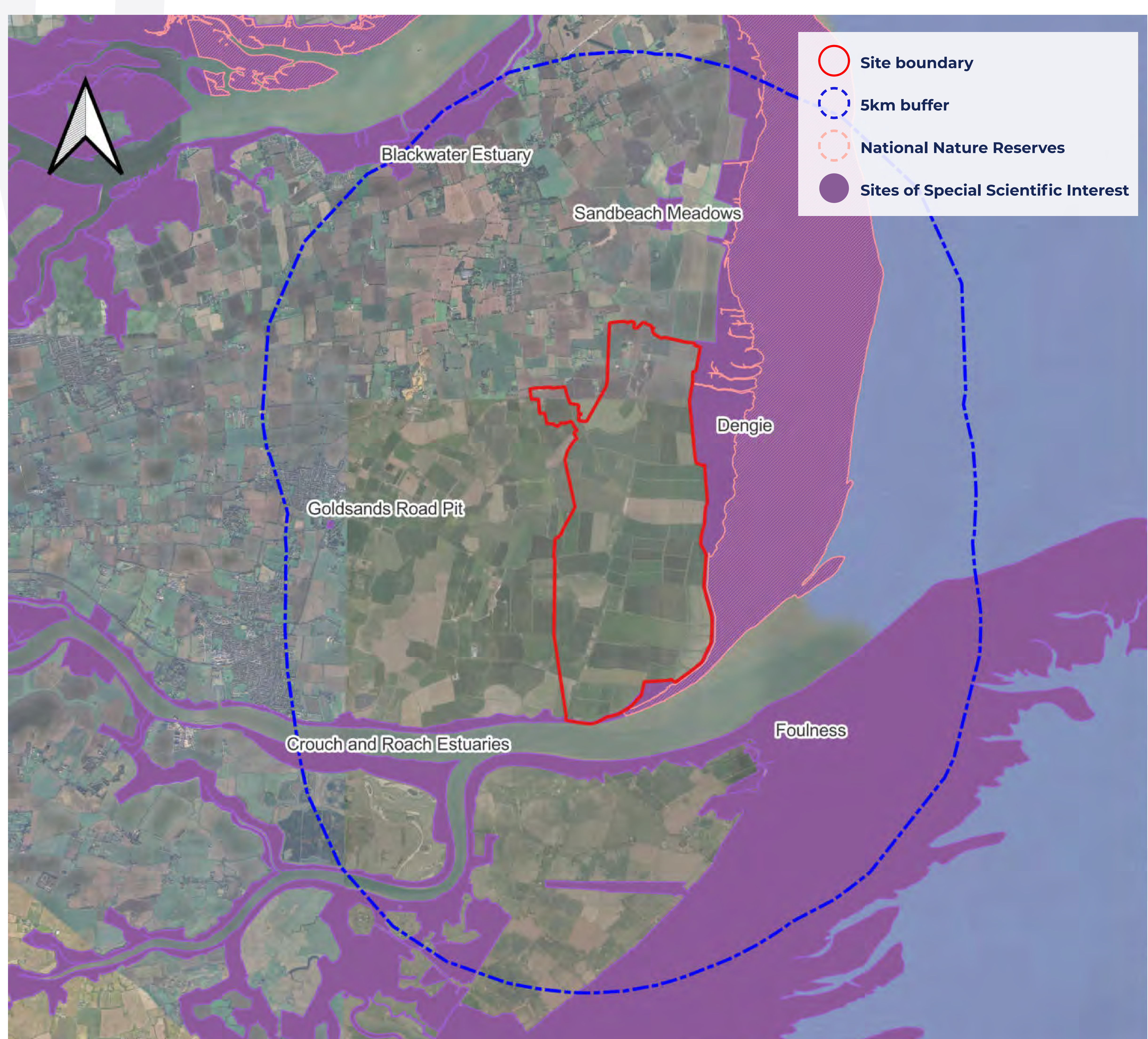
What we are surveying

Ecological surveys began in 2023 and follow best-practice guidance. We are looking at:

- Breeding & overwintering birds
- Bats
- Habitats
- Amphibians (e.g. great crested newt)
- Mammals (e.g. badger, otter, water vole)

What we have found

- Marsh harrier, dark-bellied brent geese and other protected species use the coastal salt marshes
- Farmland birds like corn bunting and skylark are also present
- Nine species of bats have been recorded
- There have been signs of water vole and we are reviewing otters and badger



Landscape and visual

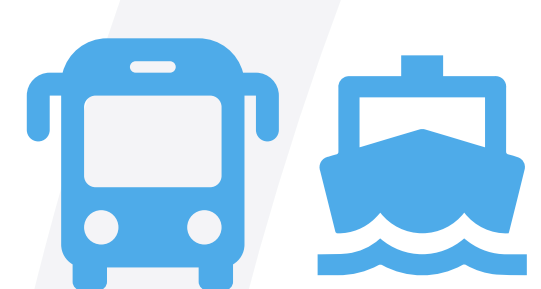
The Dengie Marshes Wind Farm has been carefully designed having regard to the existing landscape character which is already home to three significant clusters of wind turbines.

Our visual impact assessment follows best practice. We've designed the project to reduce its effect on views from nearby towns, homes, and public paths. The turbines are arranged in a linear siting to avoid forming a large cluster and are placed on the more remote coastal side of the existing wind farms.

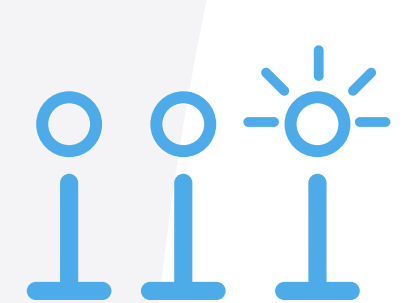
Key measures



Careful siting and design - the linear layout of the wind farm has been designed to respect views from nearby homes, footpaths, and important local viewpoints.



Using existing infrastructure - we plan to use existing roads, tracks, and the other infrastructure to avoid creating new visual disturbance wherever possible.



Night-time lighting - Aviation lighting is needed to keep the wind farm safe for air traffic. The area is not a dark sky zone, and we will use low-impact lighting where possible to minimise effects on the night-time landscape.

Who might see the project?

To look at who might see the project we have created a zone of theoretical visibility and photomontages to show what the project might look like. These can be viewed online, and at our consultation events. People who might see the project include:

- People living in nearby villages including Dengie, Asheldham, Tillingham, Bradwell-on-Sea, and Churchend.
- Walkers using the King Charles III England Coastal Path and local public footpaths.
- Visitors to nearby nature reserves such as Wallasea Island and Old Hall Marshes, including people using local beaches, roads, and coastal waters.
- Farmers and residents in isolated homes across the Dengie Peninsula.

How we are assessing the views

We have identified key viewpoints to help us understand how the wind farm will look from different places. A selection of these are available at today's event, and the full set will be submitted as part of our planning application in the Autumn.

Construction

A Transport Assessment will evaluate construction traffic impacts, with mitigation measures outlined in a Construction Traffic Management Plan (CTMP).

We will work closely with stakeholders including Maldon District Council, Essex County Council, the River Crouch Harbour Authority, and local residents to ensure effective traffic management and minimise disruptions during construction.

Using the Marine Transfer Facility for Onshore Wind

The existing windfarms, Turncole and Middlewick, were constructed using marine deliveries of some large components via facility on the north coast of the River Crouch. This facility has planning permission until 2042 and can be reused for our project.

For the Dengie Marshes Wind Farm, we plan to bring the biggest parts of the wind turbines to Dengie by barge, not by road. This will help reduce the need for slow moving abnormal loads and HGV traffic on local roads and protect the local area.



What comes by sea?

- Tower sections, which are tall steel tubes that make the wind turbine stand
- Blades, which are the long arms that catch the wind
- Nacelles, which are the boxes at the top that hold the engine and the heaviest component of the turbine structure

What will come by road?

- Electrical equipment and smaller turbine parts
- Construction materials such as stone, concrete, and fencing
- Cabling for grid connection
- Site welfare units, small machinery, and tools
- Materials for temporary access tracks and crane pads

We are currently exploring local sources of raw materials close to the site.

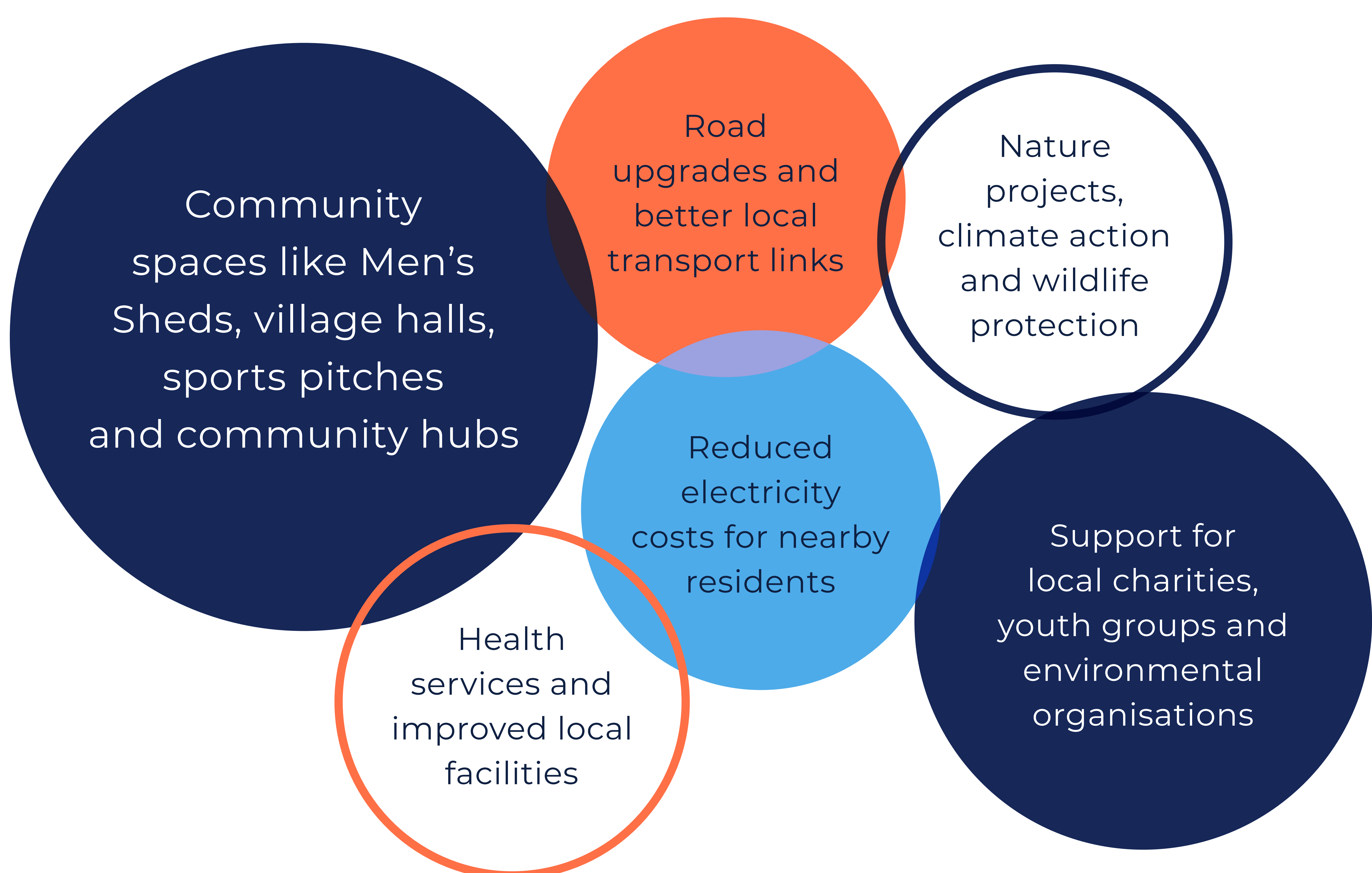
Community benefits

We are creating a community benefit fund, based on £5,000 / MW every year for the lifetime of the Dengie Marshes Wind Farm.

With a planned capacity of between 100 and 120MW, this will provide between £500,000 and £600,000 each year for the 40 year lifetime of the project.

We are continuing to discuss how the fund will be managed, which could be a board made up of local representatives who will help decide how the fund is used, focusing on projects that bring lasting benefits to local people.

Example project ideas given in stage one consultation:



We will continue to consult with local people to shape the fund and ensure it supports the priorities of those who know the area best.

Have your say on Dengie Marshes Wind Farm

Your views are important to us, and we want to ensure that the project and community benefits fund reflects what is most important to the local community.

This includes addressing concerns and taking on board feedback where possible.

Our team is committed to an open, inclusive approach to consultation. We look forward to working with you to ensure Dengie Marshes Wind Farm delivers meaningful benefits for the community and the environment.

Thank you for your interest in Dengie Marshes Wind Farm.

Together, we can create a sustainable energy future for Maldon and beyond.



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