

Welcome

Thank you for attending the public exhibition for Galawhistle Wind Farm Extension.

We hope that this event allows you the opportunity to:

- Review the proposals
- Speak to the team
- Have your questions answered
- Provide your feedback

We would like to start a conversation with the local community and key stakeholders about how we make sure our plans:

- Consider community feedback
- Support local initiatives
- Deliver a range of benefits locally

Further information

All of the exhibition materials will be available to download on the project website.

Web nadara.com/projects/galawhistlewindfarm
Email galawhistle@nadara.com
Phone **0131 2431 380**

Galawhistle Wind Farm Extension
Nadara, 4th Floor, 12 Blenheim Place,
Edinburgh, EH7 5JH



Your feedback

All comments and feedback provided prior to the submission of an application will be considered by Nadara, and will help to inform the final project design.

The feedback provided at this time is not considered a formal representation on the application. Once an application has been submitted, there will be a further opportunity to provide your comments directly to the determining body.

About Nadara

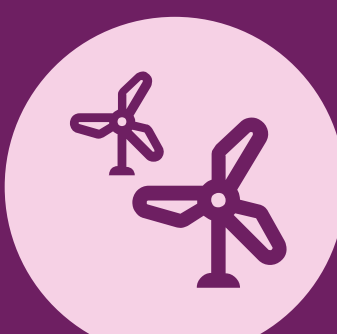
Nadara is a leading independent power producer and a major renewable energy generator operating across Europe and the US, with a significant presence in the UK. We own and operate over 200 energy sites globally, with 45 onshore wind plants across the UK with over 1,000MW installed capacity, using diverse technologies including onshore and offshore wind, solar, biomass and energy storage.

In Scotland, we have a strong operational footprint and are proud of the contribution we make to Scotland's climate ambitions. Our dedicated Scottish team works closely with communities across the country, ensuring that our projects are shaped by their views and actively support long-term local sustainability.

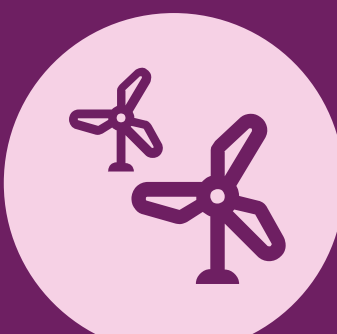
Project overview

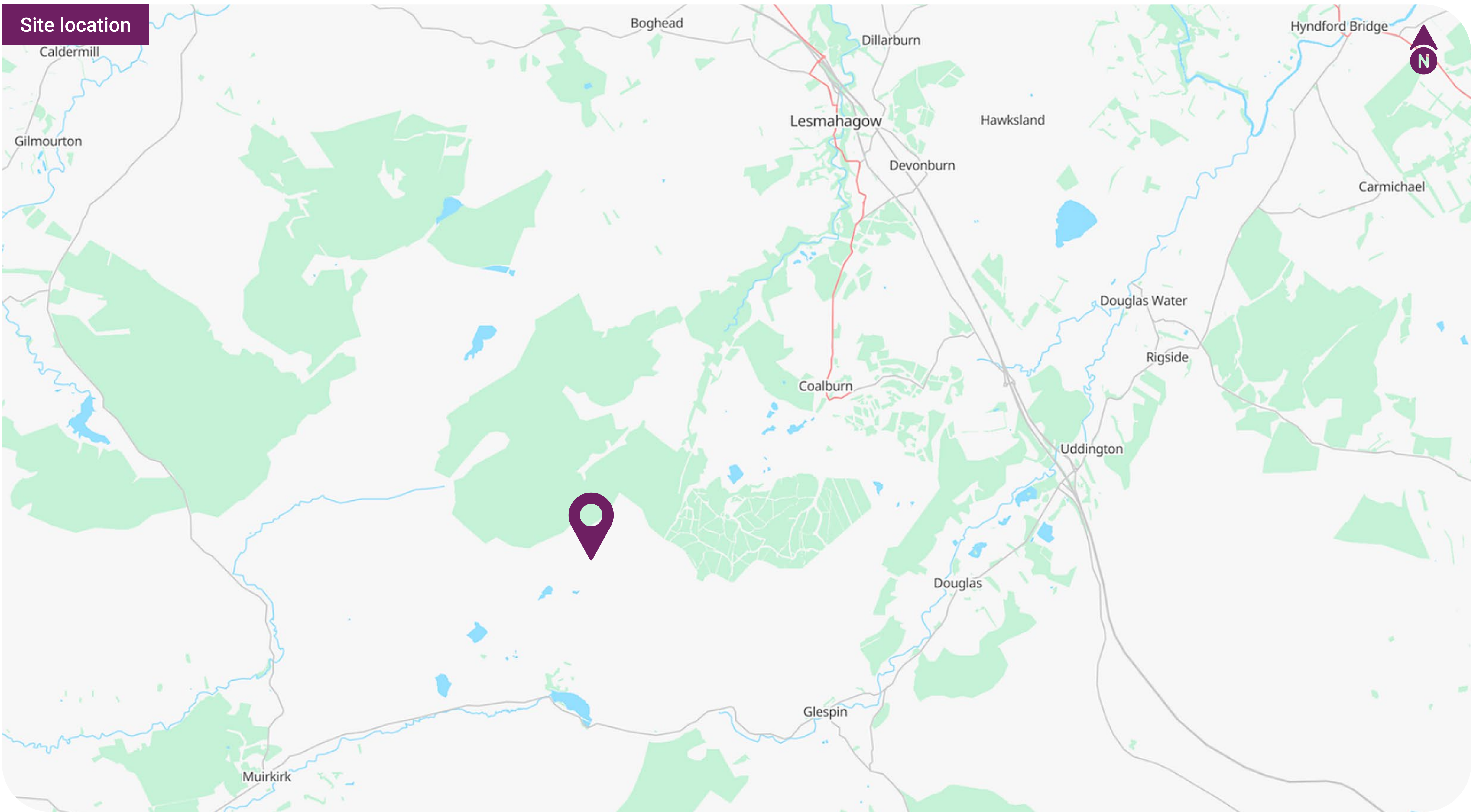
Galawhistle Wind Farm is located approximately 7km east of Muirkirk in East Ayrshire and 5km west of Douglas in South Lanarkshire.

The wind farm has been operational since 2005 and currently consists of:

-  **22 turbines**
Maximum tip height of 122m
-  **66MW installed capacity**

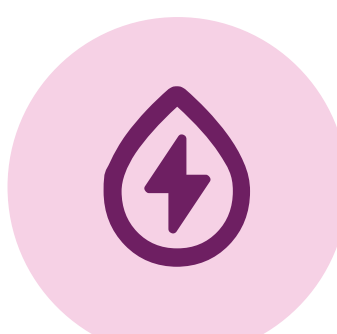
We are exploring the potential to maximise the capacity at the site by extending the project to the west. Our current proposal is to add:

-  **Five turbines**
Maximum tip height of 200m
-  **Up to an additional 36MW installed capacity**



© OpenStreetMap contributors

By proposing further turbines at Galawhistle Wind Farm, this will allow us to:

-  Utilise existing infrastructure
-  Increase generating capacity
-  Continue to make a positive social and economic contribution locally

Proposed layout

Many factors will determine the final layout of Galawhistle Wind Farm Extension - particularly your feedback from this exhibition.

Other factors will include:

- **Engineering constraints**
- **Visual impact**
- **Wind resource**

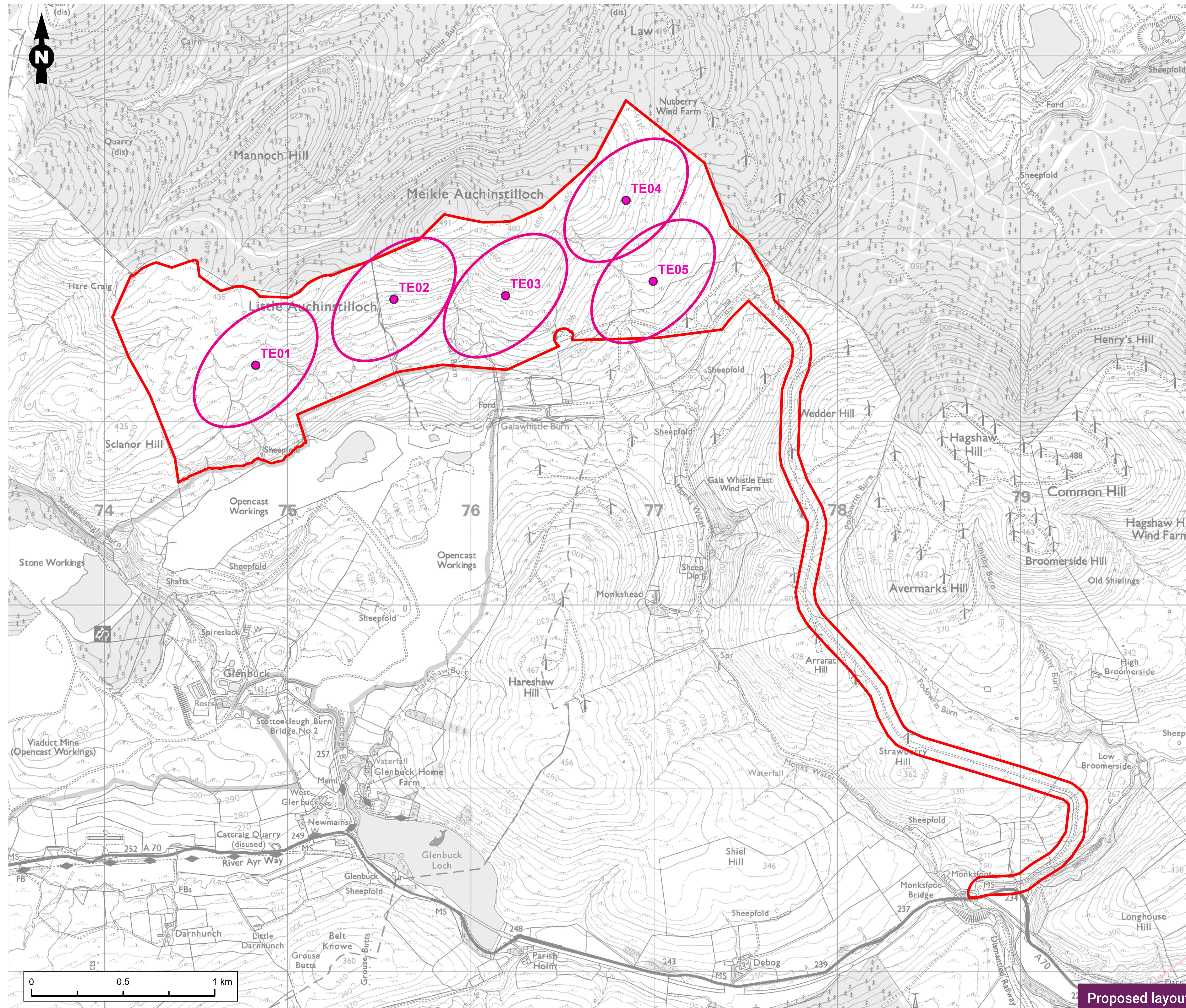
Some of these issues will not be fully identified until the technical assessments are complete. Therefore the layout on display today may be different to what is submitted with the application for consent. However, we will undertake further consultation ahead of an application submission.

Traffic and access

We will be assessing the impact on traffic volumes on the road network during the construction, operational and decommissioning phases of the proposed development.

This will consider the impact on the traffic and road network during construction, operation and decommissioning.

Good practice techniques for wind farm construction will be followed, with most deliveries of large turbine components (towers, nacelles and blades) to site being completed very early in the morning or late at night to avoid issues during peak travel hours.



- ▭ Application Boundary
- Extension Turbine Layout
- ▭ Turbine Ellipses 5 x 3

Proposed layout

Environmental assessment

We have appointed consultants Ramboll to carry out a detailed Environmental Impact Assessment (EIA) of the proposed Galawhistle Wind Farm Extension.

The outcomes of the EIA will be presented in an associated EIA Report (EIAR) which will accompany the application for consent.

A wide-angle landscape photograph showing rolling hills with patches of green forest and golden-brown grass. A rocky stream flows through the foreground. The sky is a pale blue with soft, wispy clouds.

The EIA will:

- Identify and assess the potential significant environmental effects of the proposal
- Help to shape the design and layout of the proposed development

The topics the report will cover include:



Landscape and visual amenity



Cultural heritage



Ecology



Ornithology



Hydrology, hydrogeology, geology and soils (including peat)



Noise and vibration



Traffic, transport and access



Aviation



Carbon emissions & climate resilience



Socio-economics

Landscape and visual impact

The EIA will include a Landscape and Visual Impact Assessment (LVIA) which will establish the potential effects of the project on the surrounding landscape and visual amenity.

This will consider potential and likely impacts of the development on, amongst others:

- **Landscape fabric and character**
- **Visual amenity from settlements and key transportation and recreational routes**
- **Visual amenity from nearby residential properties**

A projected Zone of Theoretical Visibility (ZTV), has been prepared based on a preliminary layout, to inform the LVIA, and is set out on the following display panel. The ZTV indicates the number of turbines theoretically visible within the study area.

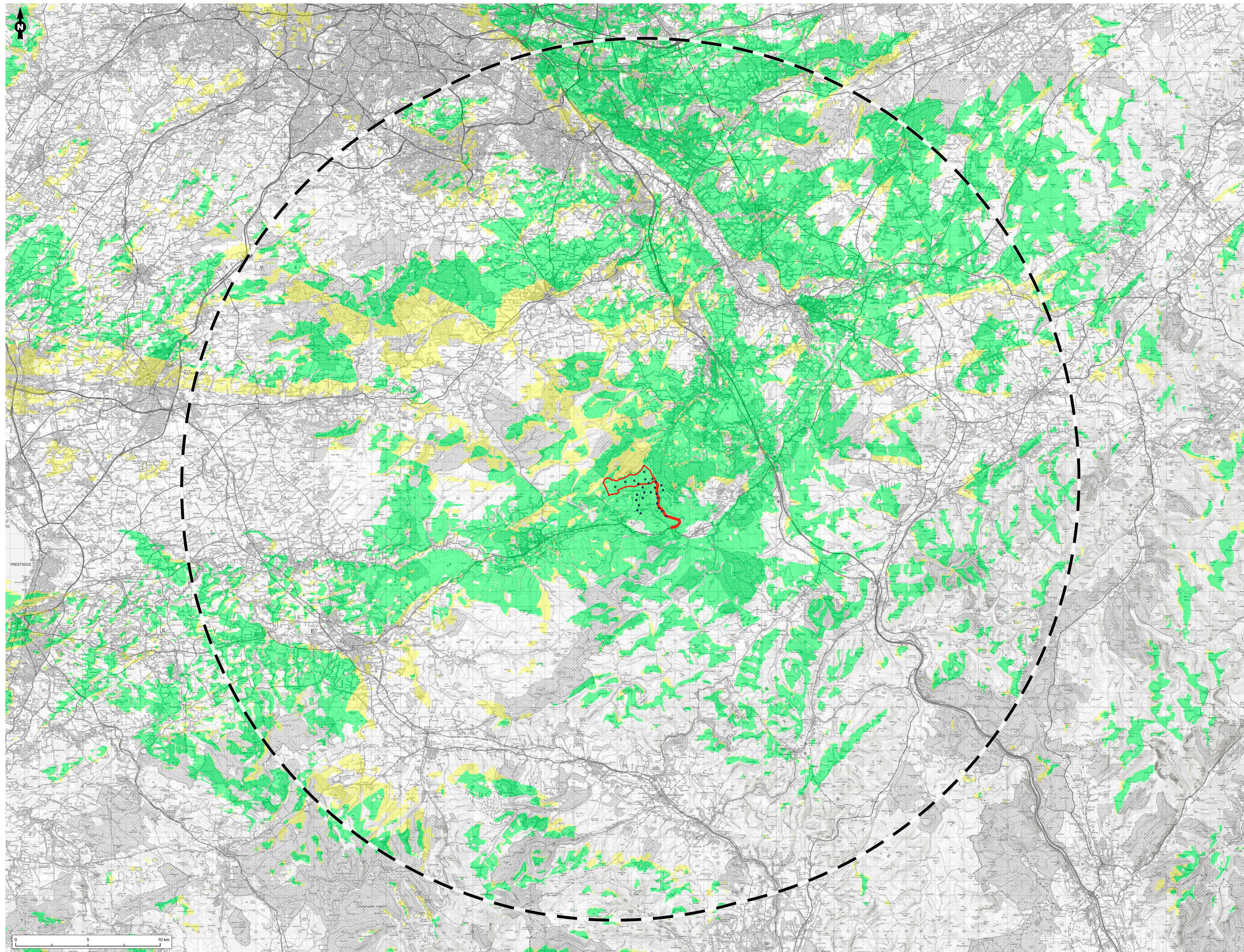
The ZTV has been prepared on a 'bare earth' basis and therefore does not take account of potential screening from buildings or vegetation. Consequently, the actual number of turbines visible from any individual viewpoint is likely to be lower than indicated by the ZTV, which illustrates the maximum theoretical extent of visibility.

Cumulative Impact

We recognise that the cumulative pattern of wind energy development in the local area is complex and this will be a key consideration in our assessments.

The EIAR will assess the cumulative effects of the nearby operational, under-construction, and consented wind farm developments, as well as those currently progressing through the planning system.

The Proposed Development is located within the established Hagshaw Energy Cluster, where there are a number of operational wind farms. The cumulative assessment will consider how the proposed extension interacts with the existing developments and will also consider future scenarios – such as repowering existing wind farms.



- Application Boundary
- Existing Turbine Layout (Scoping)
- Existing Turbines Galawhistle Wind Farm
- [-] Extension Turbine Layout (Scoping) 30km Buffer

All exhibition materials, including maps, can be found on our website and on display at the exhibition.

Working with the local community

We will work closely with local community groups and organisations, businesses, and residents to ensure that the proposed Galawhistle Wind Farm Extension brings real benefits to the local area.

Community benefit

Galawhistle Wind Farm has been operating since 2017. In that time it has delivered a range of local opportunities for the regional supply chain and the community.

Since becoming operational in 2017, Galawhistle Wind Farm has supported local communities and the regional supply chain.

If consented the extension could deliver up to an additional £180,000 community benefit per annum to the existing Community Benefit Funds.

Community ownership

We want to work with the local community and explore the potential to provide community ownership.

At several of our wind farms we have co-operatives which enable people to buy a stake in their local wind farm.

If you'd like to know more, contact our project team at galawhistle@nadara.com

Supply chain

We want to hear from local businesses that could be involved in the project should it be approved.

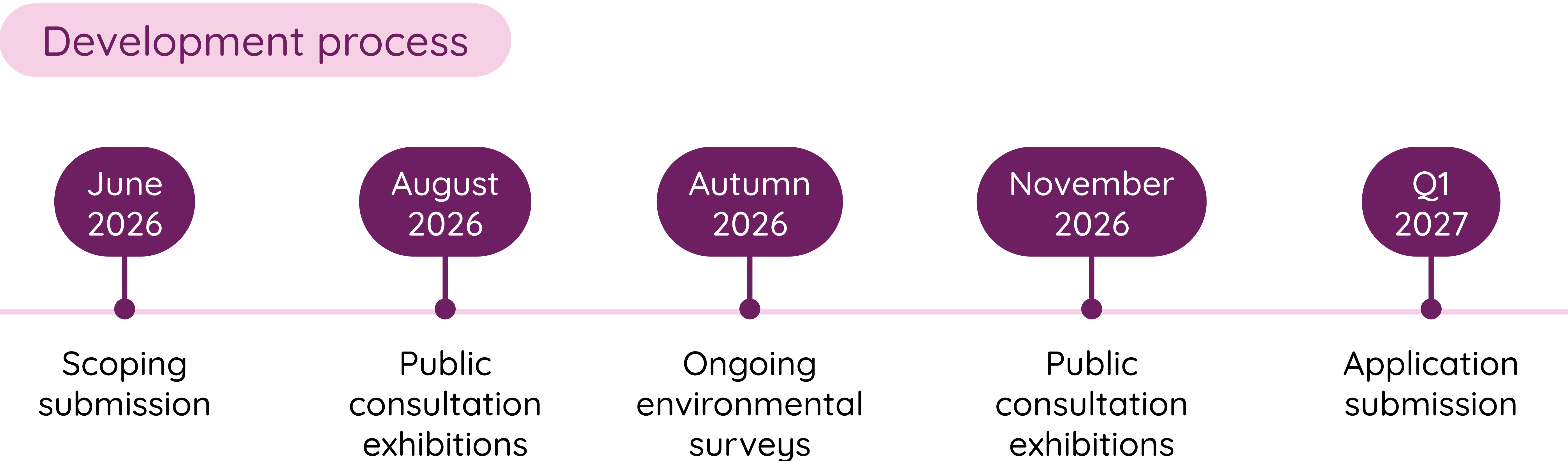
If you are a local company and would like to register your interest please visit nadara.com/our-suppliers



Project timeline

We are at the very early stages of our project development. We are embarking upon a series of environmental surveys.

The findings from our studies, alongside feedback from local stakeholders and statutory consultees, will help to refine our final plans which will be subject to further consultation prior to our application submission.



Thank you

Thank you for taking the time to attend our public exhibition. Please take a moment to complete a feedback form. For ease, all of the exhibition materials will be available to download on the project website.

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