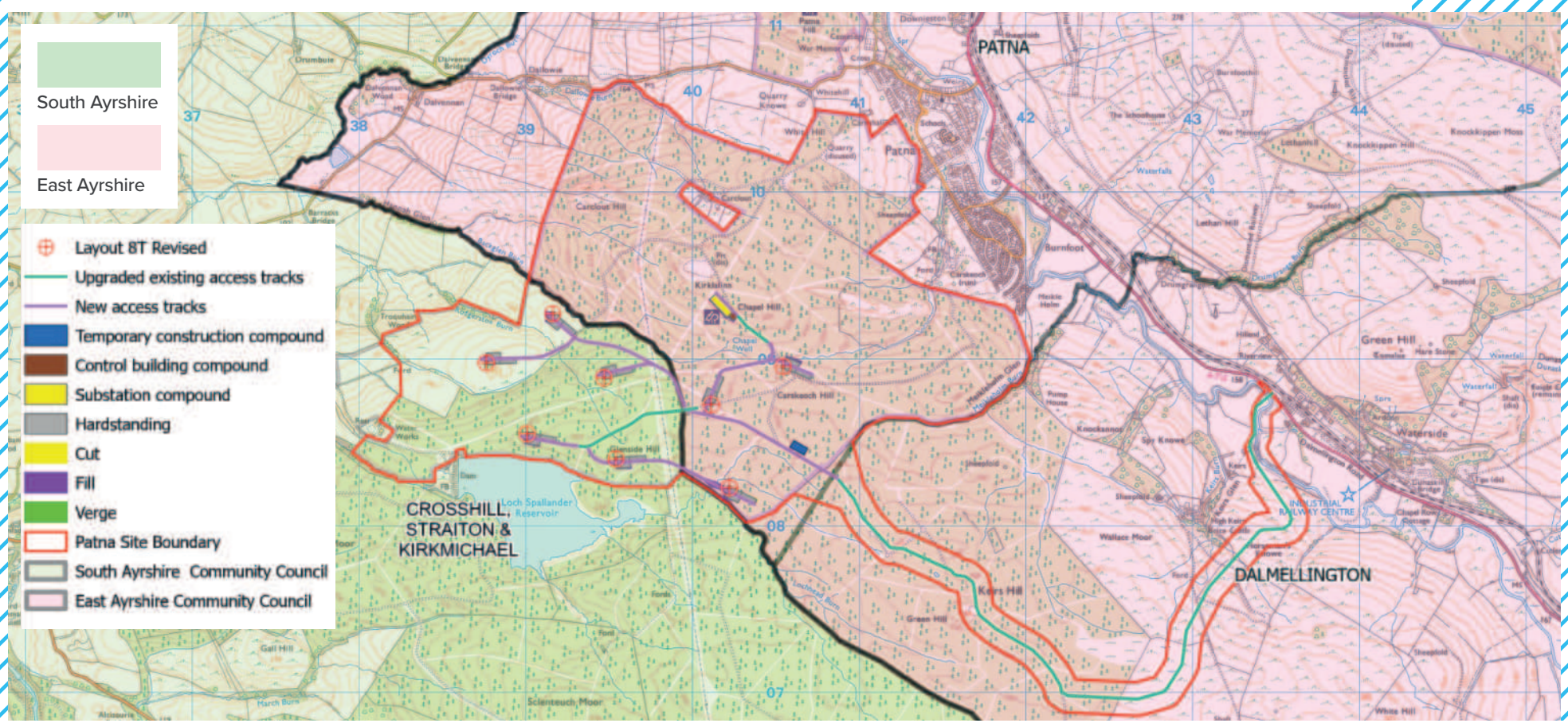
Patna Wind Farm

Second Public Exhibition



Thank you for visiting our exhibition for the proposed Patna Wind Farm. Today's exhibition provides an opportunity to view updated proposals being brought forward by Vestas and Force 9 Energy following feedback received at the first public consultation in October 2025.

It is a chance for us to listen to your views and take these into account as we finalise the proposals. We plan to submit a planning application for the project in late summer 2026.

Vestas is a global leader in sustainable energy solutions. Vestas designs, manufactures, installs and services wind turbines around the world and is the first manufacturer to deliver more than 200 GW of wind power capacity across 88 countries, which is estimated to have avoided over 2.13 billion tonnes of CO2 emissions.

The company is embedded in the Ayrshire economy, with service centres locally in Prestwick, Dalry and Muirkirk employing 50 people. They also offer a turbine technician apprenticeship with Ayr College.

Vestas is funding the development and design of this wind farm project and is committed to supplying the wind turbines, managing project construction and providing long-term operation and maintenance services for the plant.

Force 9 Energy is an independent, UK wind farm developer, focussed on developing sensitively designed onshore wind farm projects. Force 9 Energy prides itself on meaningful and ongoing community engagement and is committed to supporting economic growth and collaboration within the community.

UK wind farms in operation, or consented by Force 9 Energy, have the potential to contribute more than 500 MW of clean, renewable generating capacity in the UK.

Scotland has abundant natural resources and is ideally placed to be at the forefront of generating clean, renewable energy. Force 9 Energy always takes careful account of the landscape, environments and communities where their developments may be sited, and is committed to ensuring that sympathetic and sustainable design principles are incorporated into their projects.

All graphics, wireframes and photomontages in this exhibition are for representational purposes only.

Any comments made will be collected and used by Force 9 Energy, not the determining authority. Representations to the determining authority will be possible following the submission of an application for consent.

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How has the design changed?

Patna wind farm lies in forestry to the west of Patna.

Following community feedback, and the conclusions drawn from a range of technical and environmental studies, our revised proposals consist of eight turbines that would provide up to 57.6MW of green electricity - enough to power 54,360* homes.

Key updates on our proposals include:

- A reduction in turbine numbers from nine to eight
- Placing turbines further away from Patna to reduce visual impact
- A new road layout to access proposed turbines on site
- Continued commitment to a Community Benefit Fund at Scottish Government recommended levels
- Shared access to the site from the consented Sclenteuch windfarm

* Figure based on a site derived capacity factor of 35.8% and assuming 3,323kW is the average UK household electricity consumption (DESNZ) December 2025.

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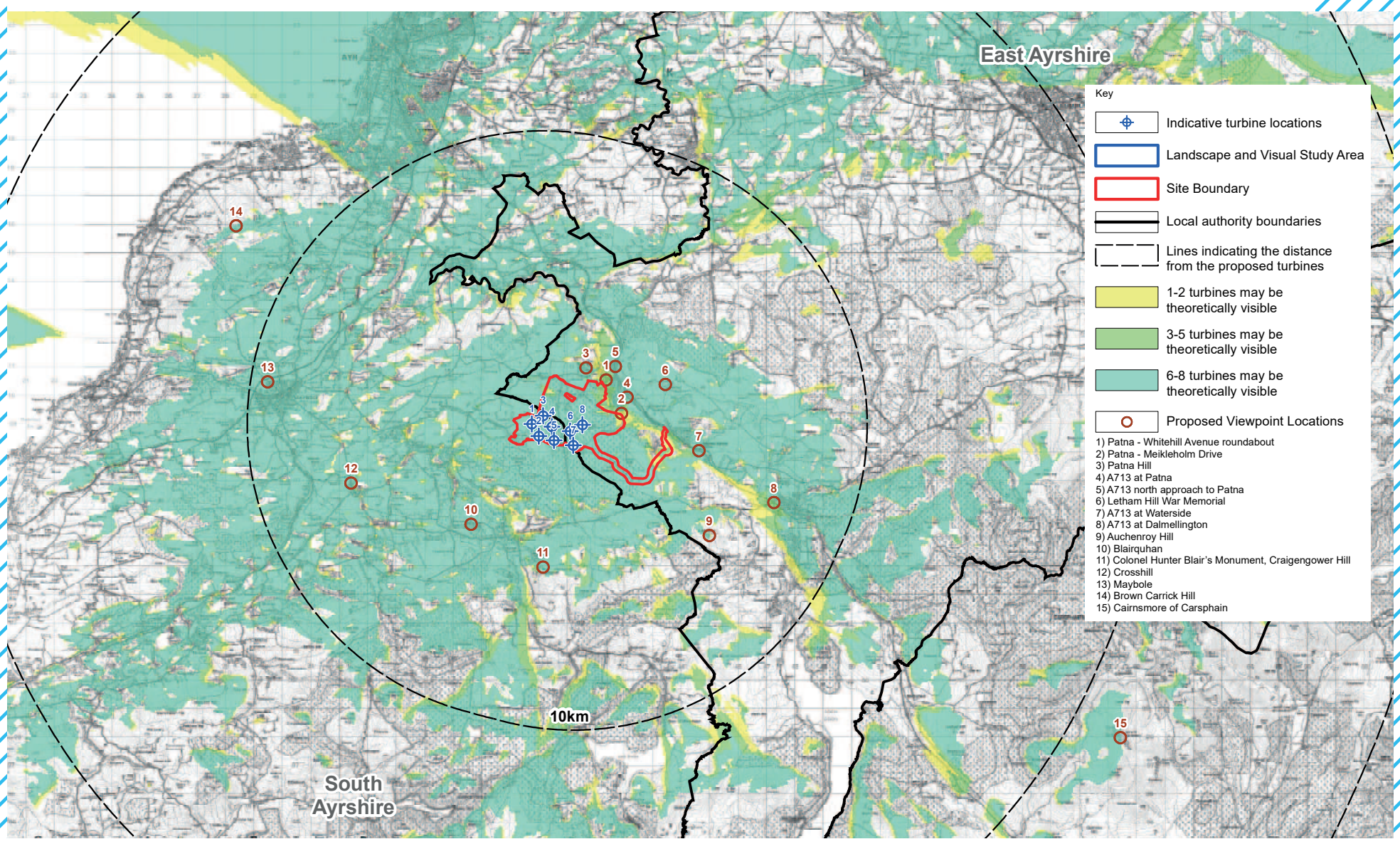
Assessing visual impact: Updated design changes



To help identify any visual impacts of the proposed development, a computer modelled zone of theoretical visibility (ZTV) plan of the latest layout has been produced, as shown above.

This illustrates the maximum theoretical area of visibility of the proposed wind farm based on topography.

Although ZTVs indicate theoretical visibility, the actual visibility of the proposed wind farm can be very different. ZTVs are based on Ordnance Survey digital information of landforms (i.e. hills, valleys and mountains in the area). They do not take into consideration features such as trees, shrubs, buildings or any other physical structures or vegetation.

A more accurate portrayal of the visual impact of the development is shown through the production and analysis of wirelines and photomontages, and the assessment of landscape and visual effect is undertaken in the field.

If you wish to discuss or view visibility of the wind farm from a particular location, please do not hesitate to speak to a member of the project team who will be happy to assist.

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Patna Wind Farm
Assessing project impact

As part of the development process, we have been undertaking an Environmental Impact Assessment (EIA). The EIA will consider the potential impacts of the wind farm on a wide range of aspects of the environment and will help inform project design.

The EIA will accompany the application for consent for the wind farm. Its scope has been agreed with The Scottish Government, South Ayrshire and East Ayrshire Councils and consultees including Nature Scot, Scottish Environment Protection Agency and Historic Environment Scotland, through the scoping process. The EIA work is being undertaken by independent experts who are professionally qualified in their fields.

The potential impacts, which will be examined as part of the EIA for Patna Wind Farm, include:

Landscape & Visual

Comprehensive assessment is being undertaken to evaluate:

- Impacts on landscapes protected by policy as well as landscape characters and appearance
- Views from residential properties and recreational areas
- Effects on public rights of way and transport routes
- Cumulative landscape and visual effects are being considered
- Visual effects assessed within a 45km radius of the proposed development

Noise

Final wind farm design will comply with strict noise emission guidelines.

Noise effects being considered include:

- Construction traffic on public roads
- Construction equipment on-site including work in Borrow Pits
- Operational noise from wind turbines and substation

Ecology & Ornithology

- Surveys to identify bird and animal species in and around the site have concluded
- Detailed assessment of potential impacts on these species are underway and helping inform design of the project
- Habitat management plans will be implemented, to enhance the environment for wildlife

Geology, Hydrology, Hydrogeology & Peat

- Surveys of the site have been undertaken to establish where sensitive water features are located, including areas of deep peat and private water supplies
- Turbines and access roads will avoid these areas where possible and low impact construction techniques will be considered, where appropriate

Archaeological & Cultural Heritage

- Site visits will assess potential impacts of the wind farm on archaeological and cultural heritage assets and their settings

Access, Traffic & Transport

- A traffic survey will assess potential impacts of wind farm construction traffic on the local road network
- Measures will be proposed to minimise disruption, especially during peak times

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Potential benefits

Vestas and Force 9 Energy are committed to giving local businesses every possible opportunity to share in the financial and employment benefits of the construction and operation of Patna Wind Farm.

If constructed, Patna Wind Farm will offer opportunities for local businesses such as accommodation providers, hire companies, fencing and forestry contractors, trades people and machinery plant owners. If you are part of a local business, please let us know on our feedback form. We will register your interest and keep you informed about opportunities for local businesses connected with the wind farm.

Community Benefit and Shared Ownership

At the heart of our approach is a strong commitment to supporting the communities that host our projects. We will structure a community benefit package that is competitive, deliverable, and aligned with good practice at the time the project proceeds. The Scottish Government currently recommends Community Benefit at the equivalent of £5,000 per megawatt annually, which would contribute up to £288,000 each year to the community, based on an installed capacity of 57.6MW.

In October, we asked you where you would like to see any Community Benefits directed. Here is what you suggested:

- Direct, personal financial relief specifically around reduced electricity/energy bill support
- Desire for infrastructure that improves the energy system locally (solar panels, heat pumps)
- Sports and leisure facilities
- Tourism and heritage projects including railway reinstatement
- Economic development and jobs
- Nature protection

We continue to welcome further ideas on how Community Benefit could be managed to best effect in the local area throughout the planning process.

Vestas and Force 9 Energy would also like to explore shared ownership of this project and ask the community to help shape what that could look like. While it is too early for detailed decisions, we are keen to understand whether there is interest in community shared ownership in the project and to hear any initial ideas by speaking to a member of the team here today or by leaving a note of interest in our feedback forms.

Wind Power in Scotland

As Scotland aims to reach Net Zero by 2045, demand for electricity is expected to increase significantly. To ensure that Scotland can meet this demand using clean, renewable energy, the Scottish Government has set ambitious targets to more than double the nation's onshore wind generating capacity from 9.6GW (current installed capacity) to 20GW by 2030.

Developments like the proposed Patna Wind Farm will play a key role in Scotland's transition to Net Zero.

The onshore wind industry supports a supply chain which employs close to 9,000 people and brings benefits to Scotland in the form of investment and skills development.

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Next steps

We are currently gathering information regarding the proposed wind farm, as well as engaging with community councils, local residents and local businesses. These conversations will help shape the design of the project.

Please take the time to complete the feedback forms provided to let us know your views on the proposals and to provide any comments that you may have. The deadline for feedback is 4th June 2026.

We aim to submit our planning application for the project in late summer 2026. If you have any further questions regarding any aspect of the proposals, please contact us via the details below.

Email: patna@mucklemediagroup.co.uk

Timeline*

- **September 2025:** Submission of Scoping Request to Scottish Government ECU
- **October 2025:** First public consultation
- **May 2026:** Second public consultation
- **Late summer 2026:** Target submission of planning application*
- **2030:** Anticipated construction start date**
- **2031:** Anticipated start of operations

Scan the QR code to give feedback

* Subject to change

**Grid availability dependent

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Response to feedback

A number of themes emerged from the feedback provided at our first event in October. Below, we have included additional information and proposals based on that feedback, along with further explanations where some requests cannot be accommodated.

Impact on Wildlife and Birds

Concerns about potential impacts on local wildlife and bird species.

Response: Our ecologists and ornithologists have undertaken extensive surveys of the site to identify protected species and habitats. We have positioned turbines and infrastructure to avoid the deepest areas of peat on site and our proposals will include measures which enhance biodiversity in the area.

Cumulative Impact with Other Wind Farms

Concerns raised about the cumulative impact with other wind farms in the area.

Response: The cumulative effects of the proposed development with other wind farms are taken into account when assessing the environmental impacts of the project and will also be a factor in the decision on consent for the wind farm. These effects will be balanced against the contribution that the project will make to national targets for decarbonisation and production of renewable energy.

Scotland's Renewable Energy Needs Being Met

Questions raised about the need for the development given Scotland already produces enough renewable electricity to be self-sufficient.

Response: Scotland produces enough electricity from renewable sources to meet its requirements; however, additional renewable electricity-generating capacity is required to continue the decarbonisation of the country in areas such as transport, heating, and industrial processes. Projects such as Patna Wind Farm will contribute significantly to efforts to decarbonise the wider economy.

Visual Impact

Concerns raised about the impact on the local landscape.

Response: We have sought to design the wind farm proposal to be set back as far as possible from residential properties and sensitive landscape features, whilst creating a project with a meaningful contribution to national targets on renewable energy generation.

Construction Traffic

Concerns about traffic disruption during construction.

Response: An Outline Construction Traffic Management Plan will be submitted as part of the application for consent, setting out measures to manage and mitigate the impact of construction traffic on local roads. Where possible, traffic movements will be scheduled to avoid peak morning and evening periods.

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