

# Borrow Pits on Land at Berry Burn Wind Farm

Pre-Application Consultation Report

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## Appendix 6 Presentation Panels for Second Public Event

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**Statkraft**

# Welcome

## Berry Burn Extension Wind Farm





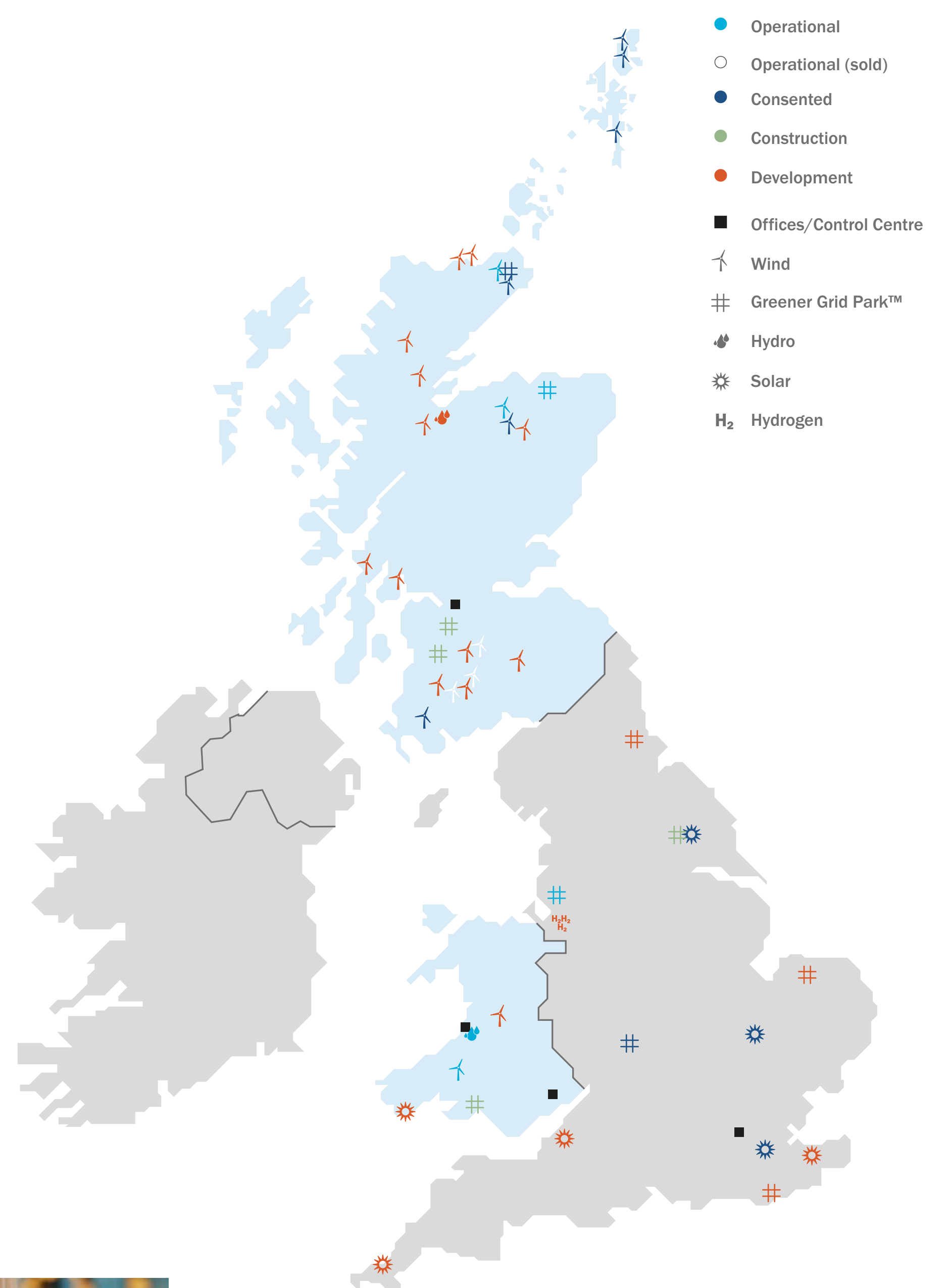


# Welcome

We are here today to update you on progress towards construction of the Berry Burn Extension Wind Farm, and our proposals for two borrow pits for construction materials.

## About Statkraft

- The largest generator of renewable energy in Europe
- A state owned utility with origins in Norwegian hydropower over 125 years ago
- Operating in the UK since 2006
- Scottish Head Office in Glasgow
- Development pipeline includes wind, solar, hydrogen and grid stability services
- Operational at Berry Burn since 2014



## Meet the project team:



**STEVE REID**  
Steve is the Project Manager and responsible for bringing the project to construction phase.



**ALISON HOOD**  
Alison leads on community engagement and now has a focus on how this project can maximise benefits to the community and region.



**AMELIA GOOCH**  
Amelia is the Assistant Project Manager and aids in all aspects of the project.



**SEUMAS SKINNER**  
Seumas has recently returned to the Highlands and will work with our local partners to facilitate our community engagement.

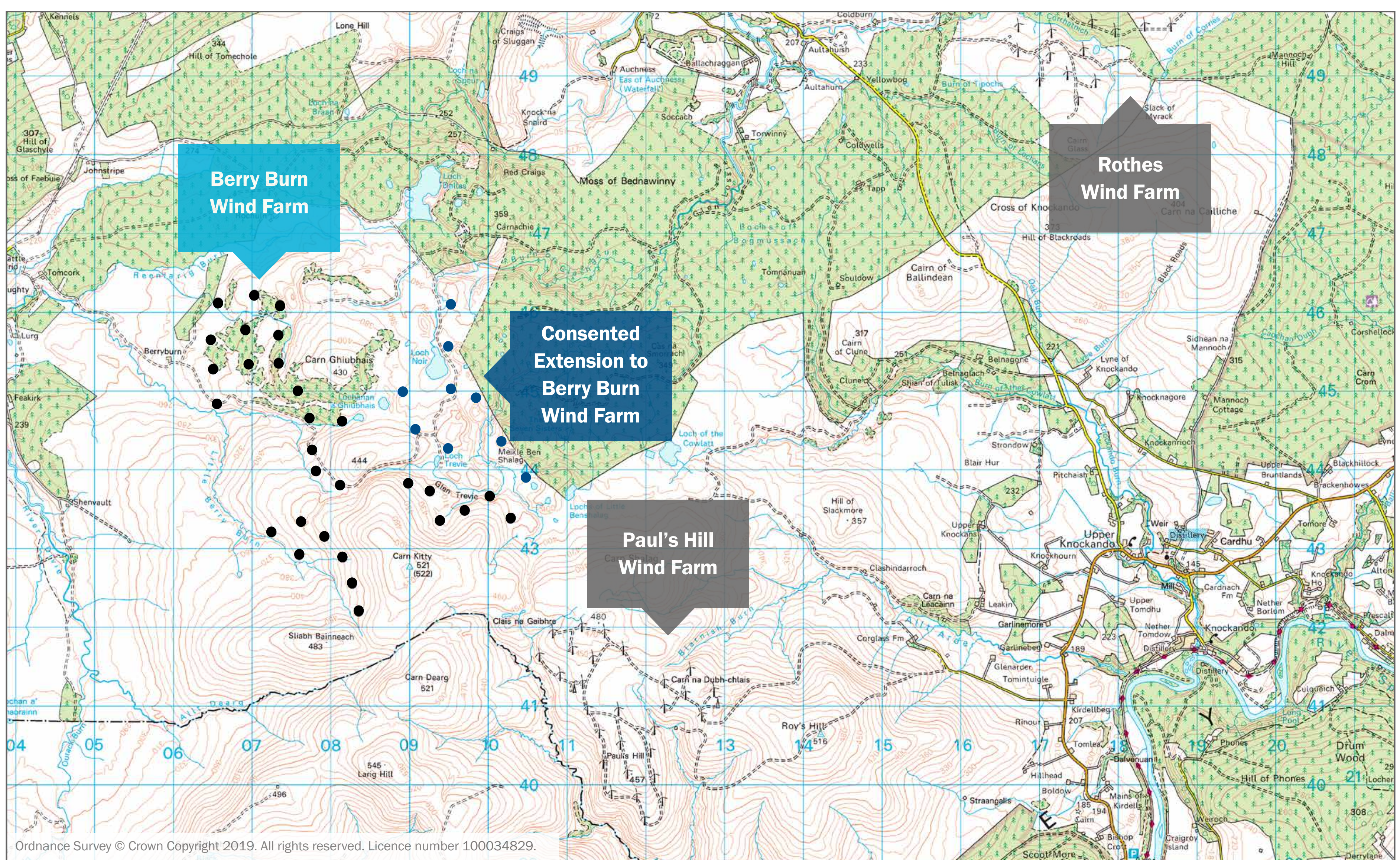




# Background

The existing 29 turbine Berry Burn Wind Farm has been operating since 2014. A nine turbine extension was consented by Scottish Ministers in December 2021.

As part of our construction preparations, we are proposing to submit a planning application to enable the use of borrow pits during the construction period. We are not seeking planning permission for further turbines, beyond those nine that are consented.



Approved turbine layout as part of Section 36 consent.

	No. of Turbines	Turbine (MW)	Total (MW)	Max Blade Tip Heights	Electricity Generation (homes equivalent)	Community Fund (per year)	Community Fund (over project life)
<b>Berry Burn</b>	<b>29</b>	<b>2.3</b>	<b>66.7</b>	<b>100m</b>	<b>over 47,000 homes</b>	<b>Minimum £166,750</b>	<b>Minimum £4.16 million</b>
<b>Extension</b>	<b>9</b>	<b>4.5</b>	<b>40.5</b>	<b>149.9m</b>	<b>over 43,000 homes</b>	<b>Minimum £202,500 (40.5MW x £5,000)</b>	<b>Minimum £6 million</b>

Information based on 9 turbines and current knowledge of site wind speed. These figures may change subject to turbines installed. Calculated using annual average Scottish domestic consumption of 3078 kWh, DESNZ 2024.





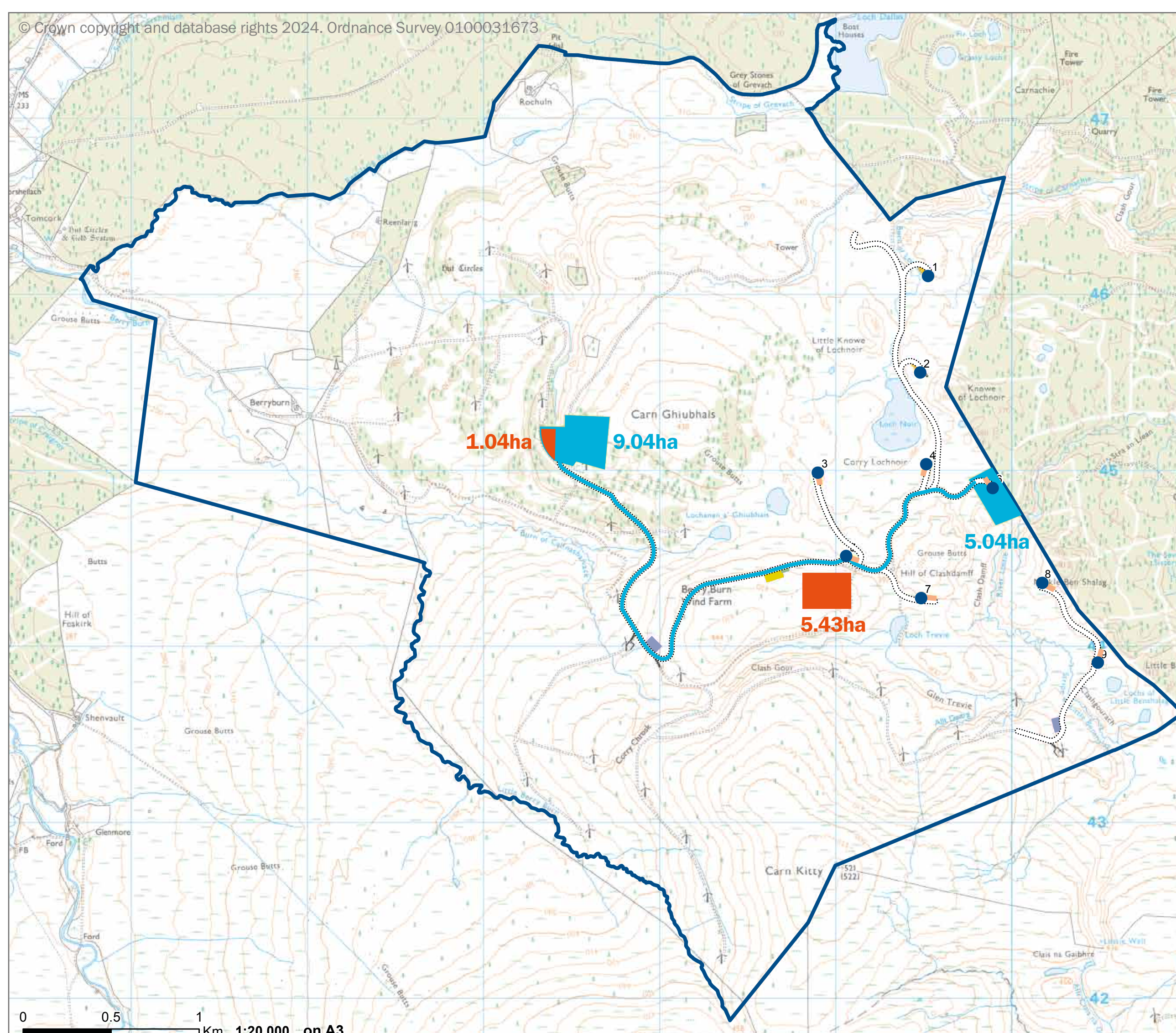
# Preparing for construction










We have spent several years progressing the project towards construction. During this time, we have been seeking opportunities to minimise the impact on local roads and road users during construction.

## BORROW PITS

Borrow pits are small on-site quarries, with suitable material for the wind farm's construction. There are many benefits to utilising on-site borrow pits. A key benefit, for the local community and for the environment, is the reduction in construction traffic, with fewer heavy vehicles bringing construction materials to site.

The existing permission for the Wind Farm Extension already includes two borrow pit areas. Site investigations have shown that the original proposed borrow pit locations need to be moved to be optimal for the site. Our aim today is to provide information on what is proposed. Two events are taking place in September and October to consult with the local community.



LEGEND	
	SITE BOUNDARY
	ACCESS TRACK
	TURBINE LOCATIONS
	BORROW PIT SEARCH AREA AND ACCESS
	CONSENTED BORROW PIT SEARCH AREA
	CONSTRUCTION COMPOUND
	SATELLITE COMPOUND
	SUBSTATION COMPOUND
	HARDSTANDS





# Construction

Statkraft will continue to engage with the local community and stakeholders before, during and throughout the lifetime of the operational wind farm.



Map showing the transport route from Inverness to site.

Abnormal loads (turbine components) are proposed to originate from the Port of Inverness. The Project Timeline indicates the current indicative timing for the commencement of deliveries.

The Environmental Impact Assessed (EIA) route for other construction traffic was from west and east of Forres on the A96.

Construction traffic would then travel south on the A940 and then along the U89E (Half Davoch Road) to site.

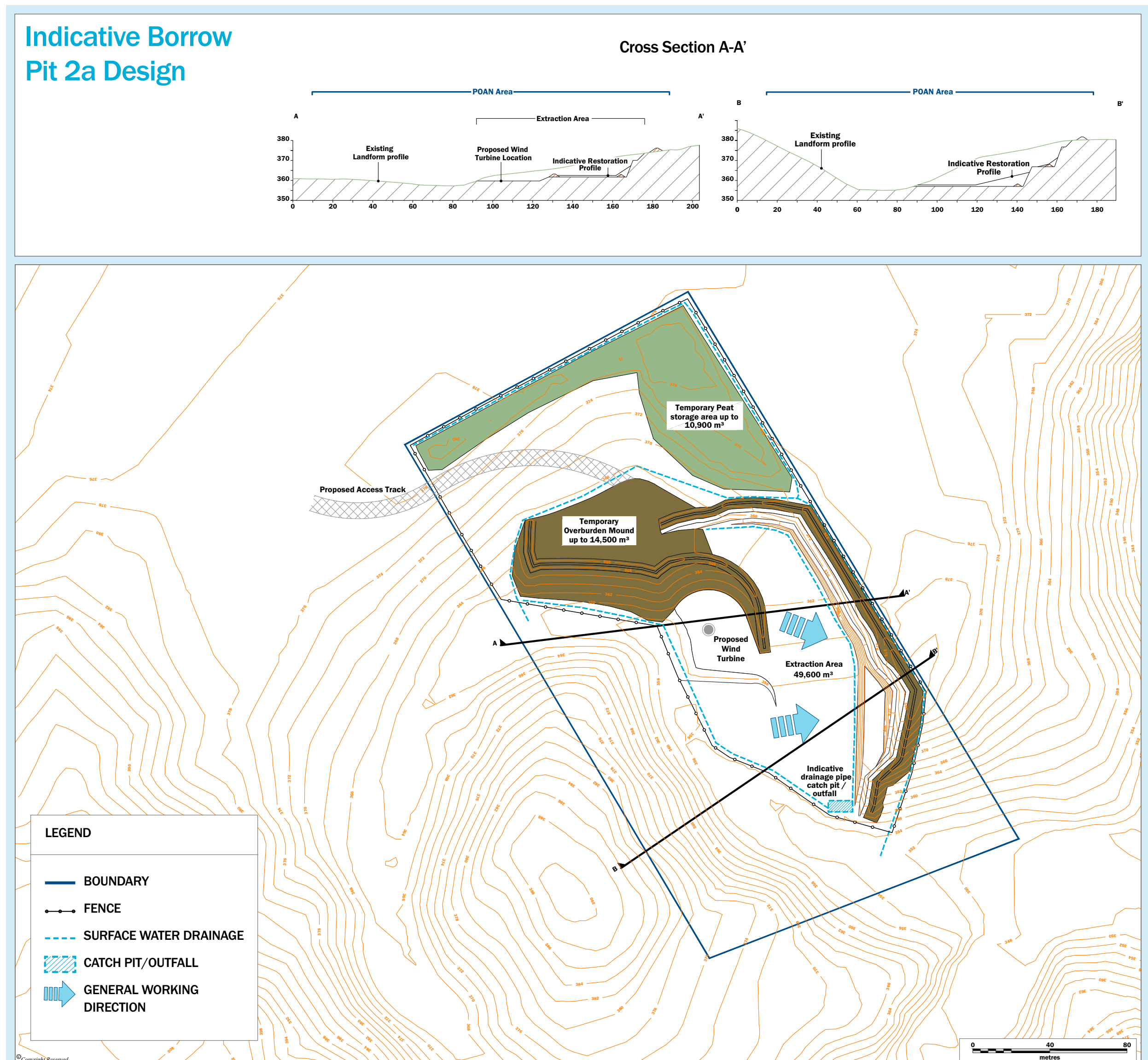
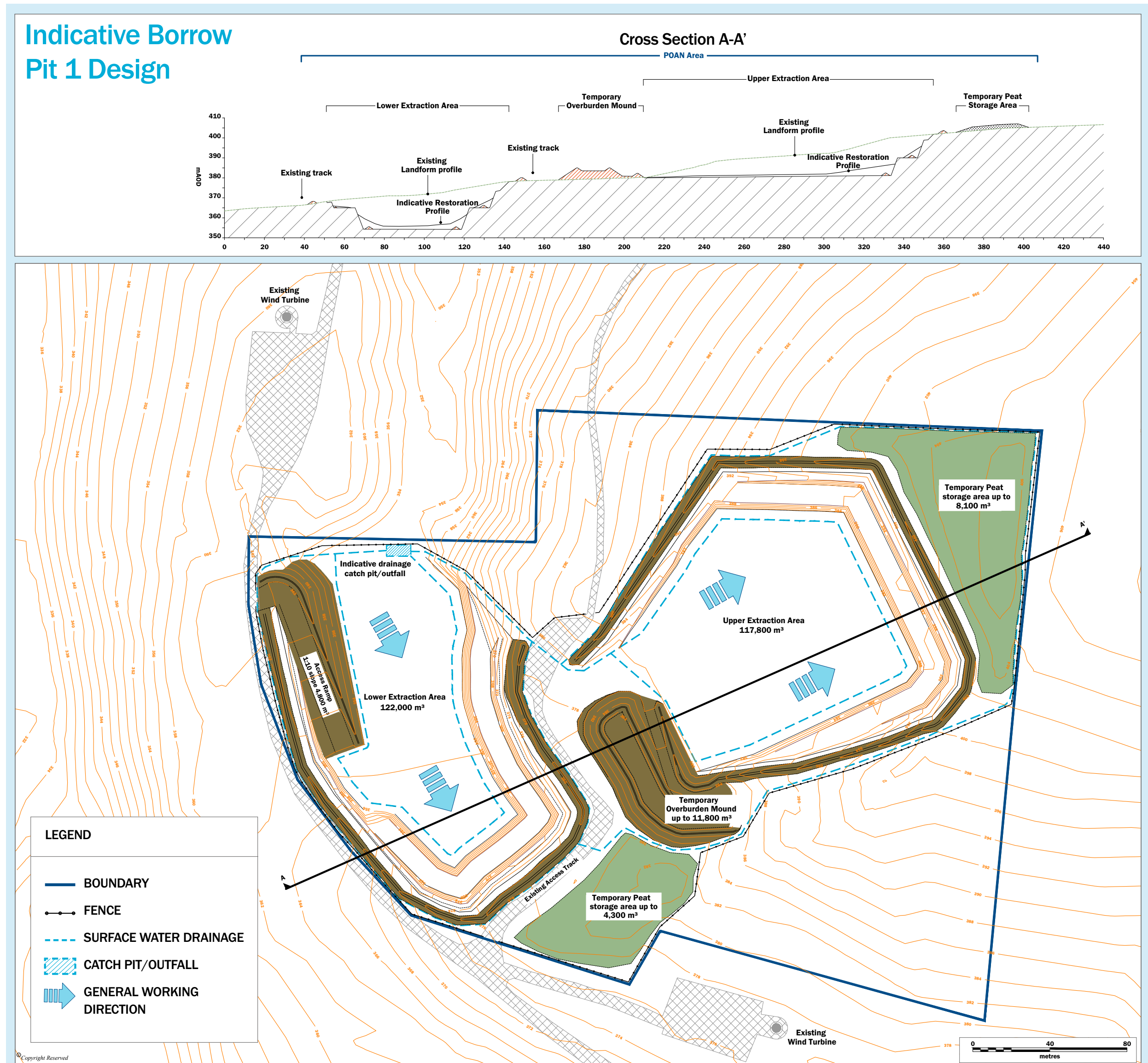
Necessary road upgrades are under review for the abnormal and construction traffic routes to site. Further updates will be communicated nearer to construction commencement.





# Preliminary Borrow Pit Design

Since the first consultation, the preliminary designs for the 2 borrow pits locations have now been established, showing the likely extraction depths and restoration profiles.







# Environmental Impacts

A comprehensive assessment of the environmental impact of this application will be undertaken to design the two borrow pits. A key objective is to avoid negative impacts where possible, or to effectively minimise or mitigate them.

## Hydrology

A detailed assessment of the potential impacts on the local water environment around the new borrow pit locations is underway. This includes a review of existing information relating to abstractions, discharges and private water supplies from SEPA and Moray Council. The borrow pits are located within the River Findhorn and the River Lossie catchments. The excavations for both borrow pits have been designed to ensure that construction operations are undertaken at levels above the groundwater table. The application will include a Water Environment Appraisal which will consider impacts on surface water, groundwater, flooding, and hydro-ecology, and set out any mitigation measures to avoid or minimise environmental impacts. This will be publicly available when the application is submitted.

## Peat

We have sought to avoid areas of deep peat when selecting the proposed borrow pit locations.

The contractor appointed to build the wind farm will adopt best practice methods during construction and carry out work according to a detailed plan.

Peat and other material from the borrow pits not used for construction work will be stored next to the voids and reused during borrow pit restorations. Storage methods will be in place to retain peat condition so it can be used for restoration. The target reinstatement peat depth is likely to be a maximum of two metres. The peat will be reinstated to encourage water retention to create favourable conditions for recovery and encourage further peat forming vegetation such as Sphagum mosses.

## Extraction and Restoration

Prior to any excavation works commencing, the boundaries of the extraction areas will be marked with fencing and signage for safety. Water management features will be installed to prevent runoff, and peat and sub-soils will be stripped and stored separately for subsequent restoration works. Rock will be won by the wind farm civil contractor, whilst seeking to minimise environmental impacts. Materials won, will be crushed on site to the required specification before being transported to those areas of the site where the material is required e.g. access track construction, wind turbine foundations etc. On completion of the borrow pits' use, the stored soils and peat will be reinstated to restore the borrow pits to an agreed profile to allow for natural revegetation.

Stone extraction will commence with borrow pit 1 which is the larger of the two borrow pits and offers the greatest potential for suitable construction material. Borrow pit 2 would only be worked if insufficient material is won from borrow pit 1.

## Ecology

We already have extensive knowledge of the ecology of this site and surrounding area. Ecology studies are ongoing across the site and will be used to assess the impact and inform the final design of the borrow pits. The application will include details of these surveys and will need to demonstrate that significant impacts on protected or notable species and habitats will be avoided.





# Local Investment

We strive to be a good neighbour and seek to add value and maximise benefits to communities. This project provides an opportunity to significantly boost the local economy – your ideas are welcome on how we can retain investment in the local area.

## Good Neighbour Approach

We are committed to listening to local stakeholders and working with them to find the best solutions to issues.

## Community Benefit Fund

This project will generate **over £200,000 each year** for community projects – **more than £6 million over the project lifetime.**

## Local Suppliers



We have a track record of increasing awareness of opportunities during the construction phase of our projects. Scan the QR Code to register your interest in getting involved with the project.

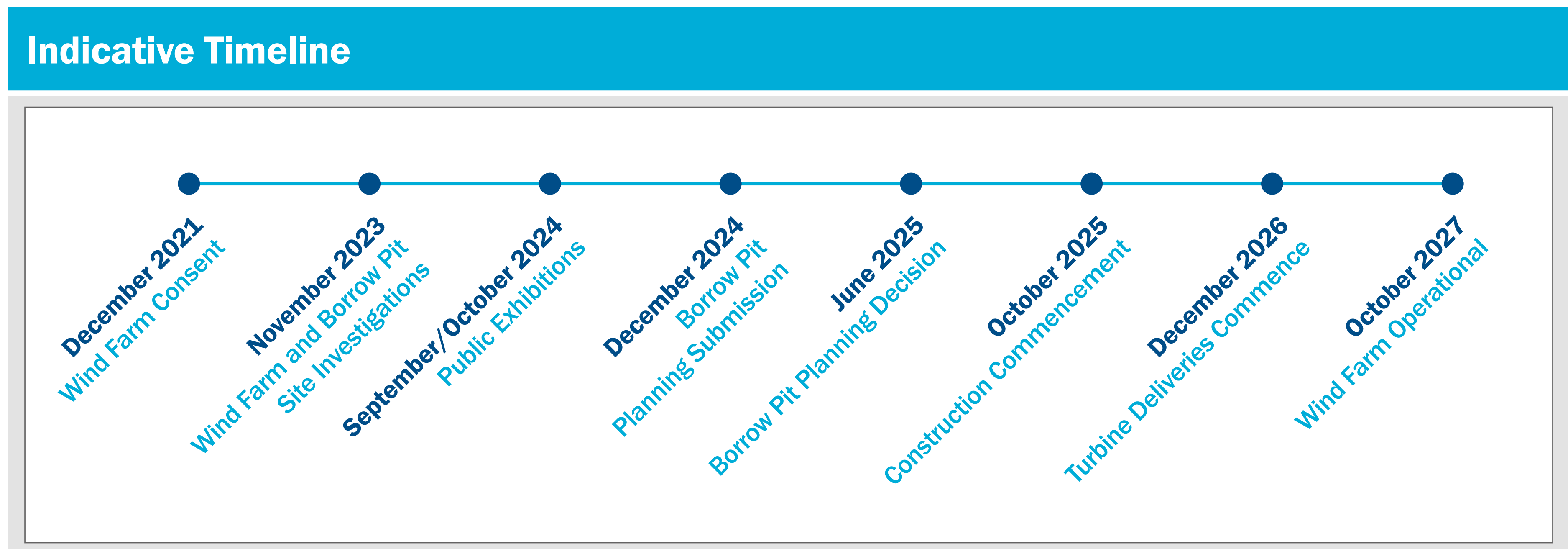
## Supporting STEM Careers

Our UHI scholarships support students on their career journey, helping them shape rewarding future careers.










# Next Steps



## Your views are important to us

We are committed to engaging with the local community and would like to keep you informed. Contact us with your questions, comments or to subscribe for project updates.

	Please return the freepost reply card provided.		Visit the project website: <a href="http://www.berryburn-extension.co.uk">www.berryburn-extension.co.uk</a>
	<a href="mailto:UKProjects@statkraft.com">UKProjects@statkraft.com</a>		Phone the project hotline: <b>0800 772 0668</b>
	Scan the QR code to view the project webpage		





# Feedback

## First event feedback

This public consultation event is the second and final event prior to the submission of the borrow pit planning application to Moray Council. The planning application will have a document which will include the event details, advertising methods, consulted organisations, and key community concerns.

The first event on Tuesday 24th September 2024 at Edinkillie Hall, had 16 attendees, with five completing questionnaires.

There were no issues raised that related directly to the borrow pit planning application. However, the following themes were discussed in connection with the wider Berry Burn Wind Farm Extension:

- Construction Traffic;
- On-going communication; and
- Community Benefit.

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[UKProjects@statkraft.com](mailto:UKProjects@statkraft.com)



Visit the project website:  
[www.berryburn-extension.co.uk](http://www.berryburn-extension.co.uk)



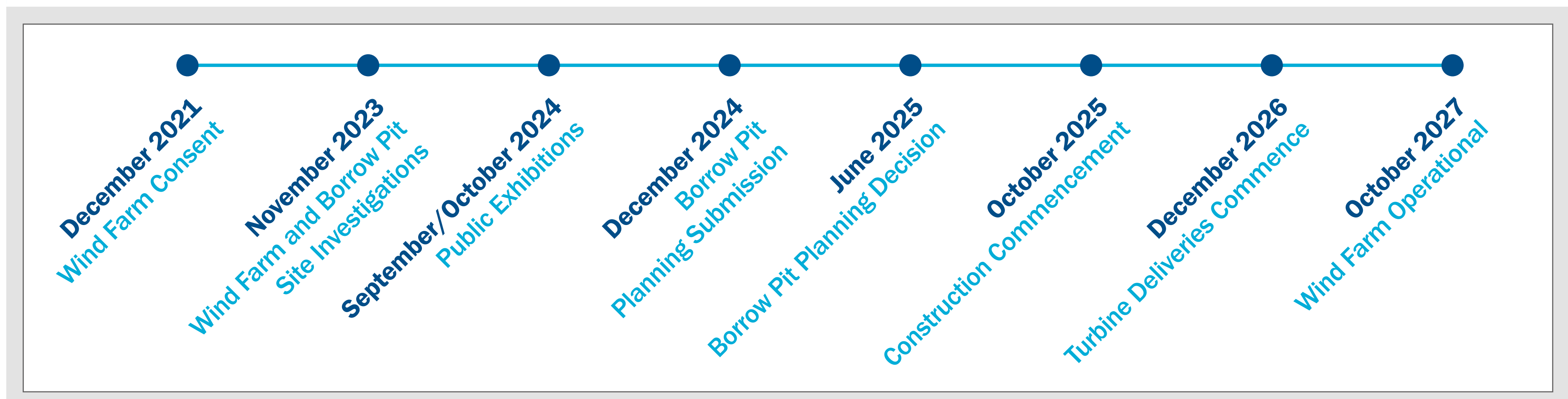
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## Next steps

### Indicative Timeline

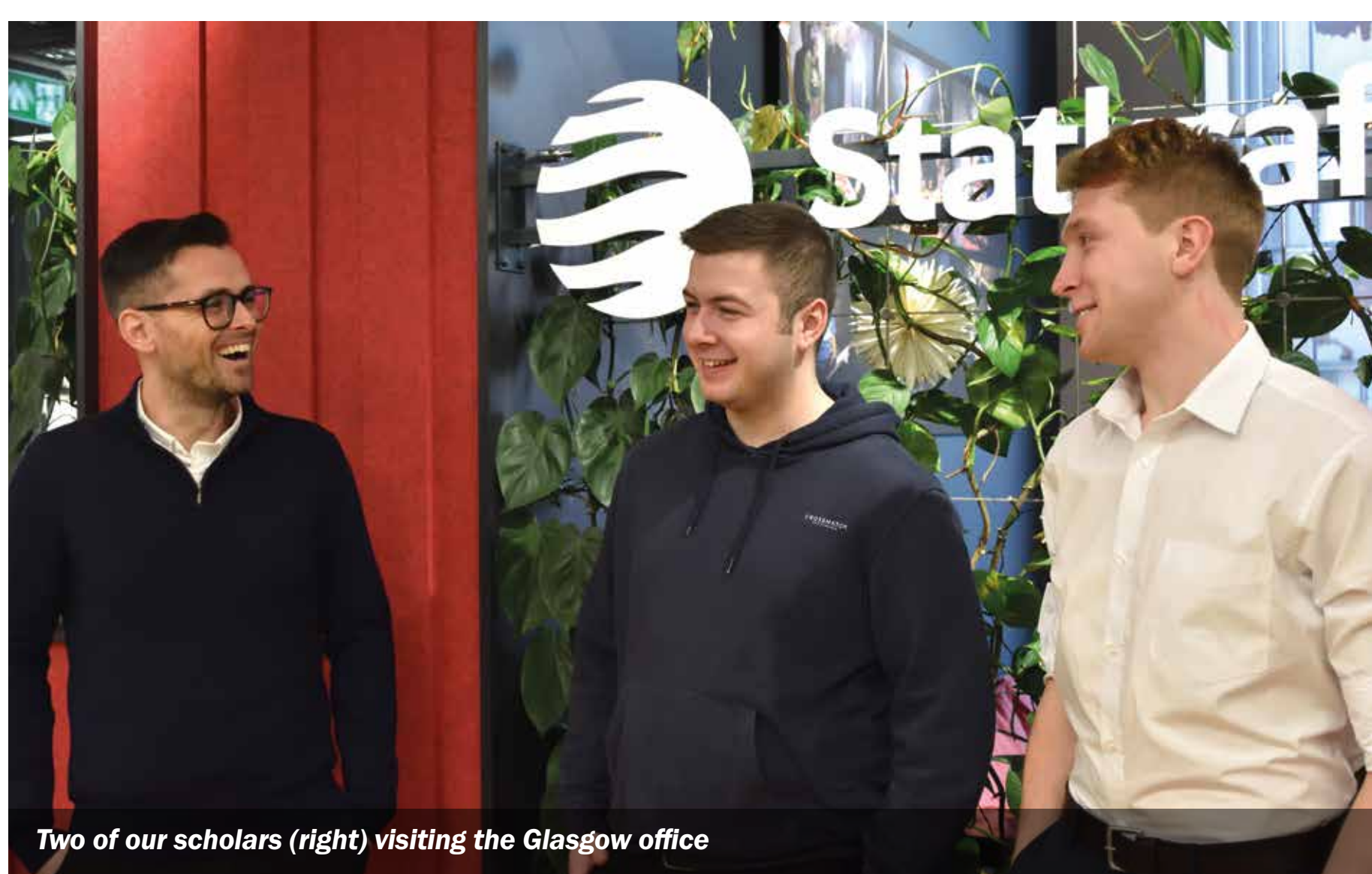






# Supporting STEM Careers

Statkraft are proud to provide over £70,000 for STEM Scholarships at the University of the Highlands and Islands to support students for the duration of their studies.



Two of our scholars (right) visiting the Glasgow office

**Alison Wilson, Director of Development and Alumni Engagement at UHI:**

“ This is a greatly welcome commitment from one of the most important renewable energy companies in the world. The fact that the scholarships stay with the students throughout their time with UHI provides financial stability, vital in the current cost of living crisis, to allow them to concentrate on their studies and shape rewarding future careers for themselves. ”

**UHI** University of the  
Highlands and Islands  
Oilthigh na Gàidhealtachd  
agus nan Eilean

## ELIGIBILITY

- Student studying a multi-year STEM course at UHI
- Support for up to four years – students will be required to continue to meet academic requirements and provide an annual report of their progress
- Full-time student
- Student ordinarily resident in Scotland
- Selection panel assessment of student’s academic performance and potential and desire to progress

To find out more and apply, scan the QR code or search on the UHI website:

[www.uhi.ac.uk](http://www.uhi.ac.uk)

