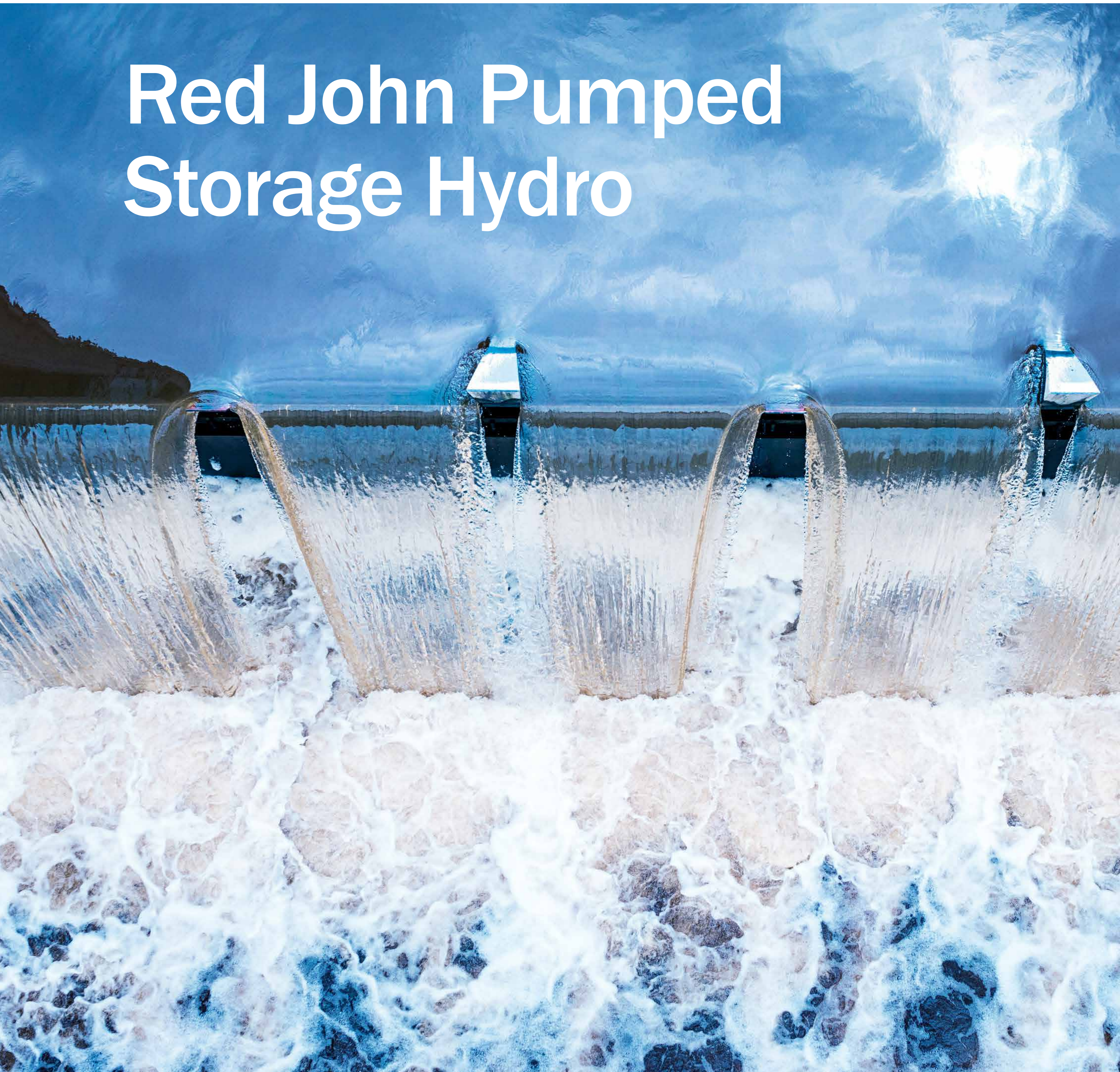




Statkraft

Welcome

Red John Pumped Storage Hydro



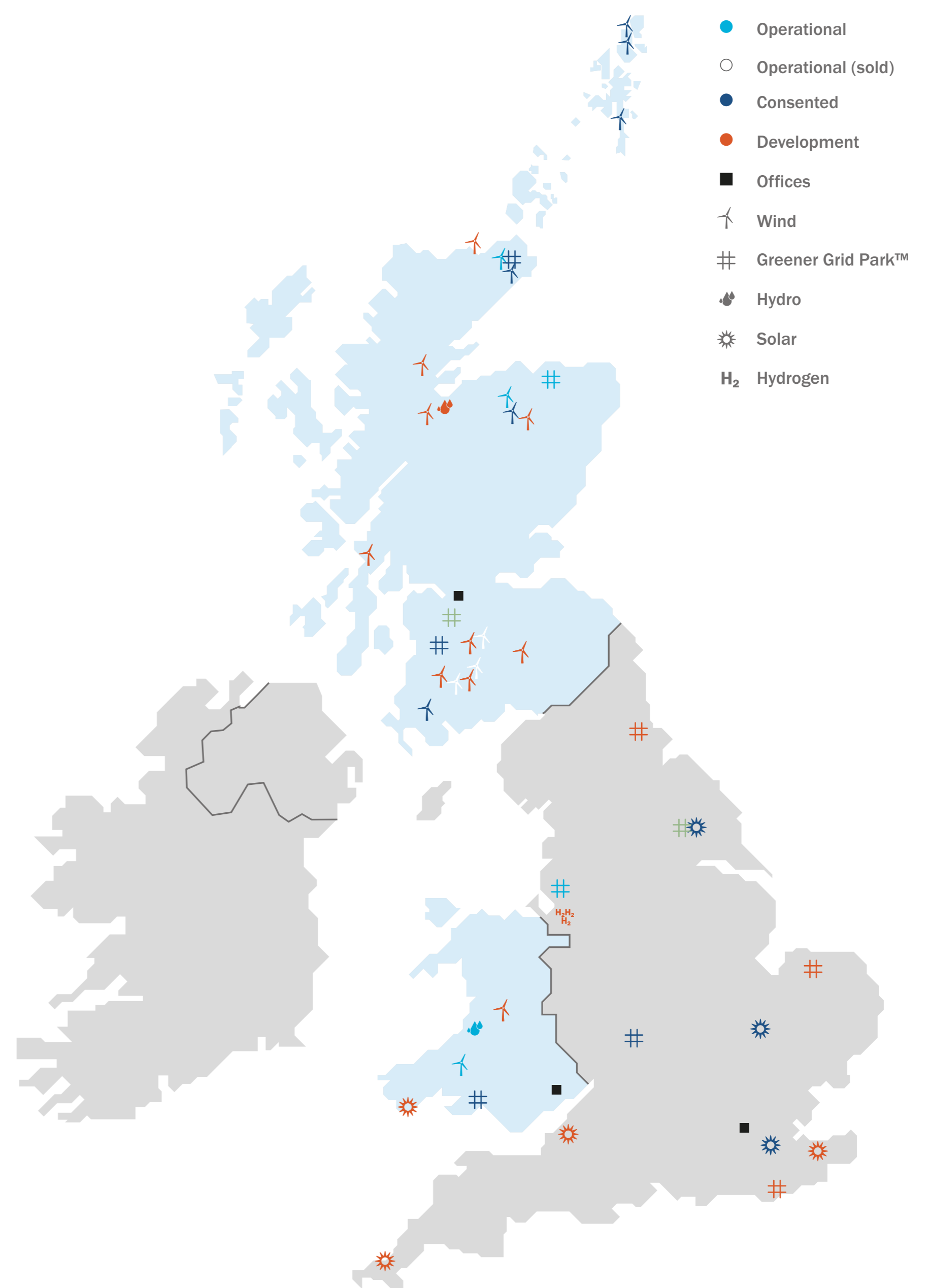


Welcome

We would like to introduce ourselves as the new owners of the Red John Pumped Storage Hydro project.

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



Meet the project team:



DONALD WEIR
Donald is the Project Director responsible for all aspects of the project.



IAIN ROBERTSON
Iain heads our Scottish activities and will provide support on all aspects of this project.



ALISON HOOD
Alison will drive our community engagement and help maximise benefits to the community and region.



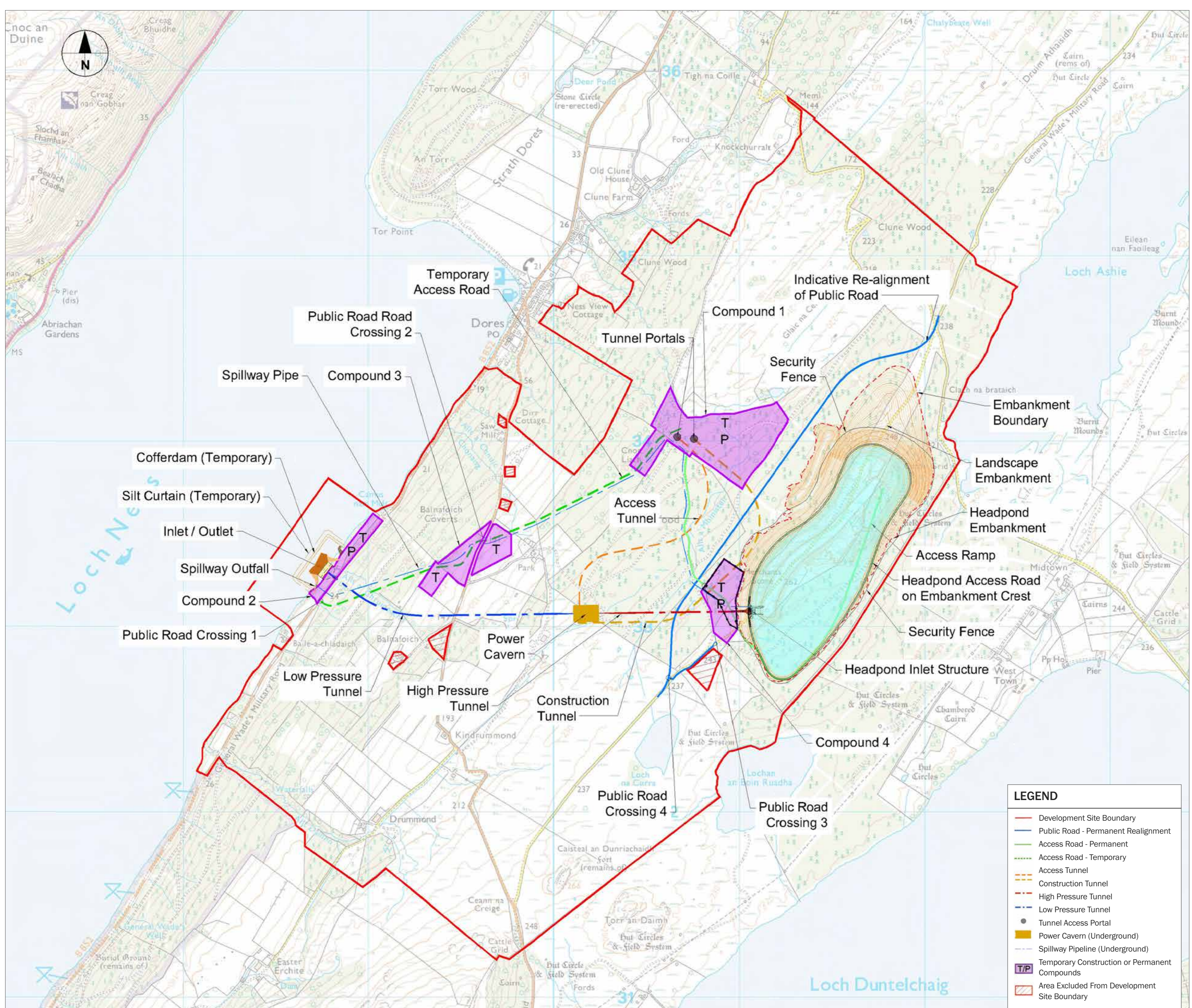
SEUMAS SKINNER
Seumas has recently returned to the Highlands and will work with our local partners to facilitate our community engagement.

About the Project

Statkraft acquired this project from Intelligent Land Investments (ILI) in December 2023.

The project was conceived in 2015 and granted consent by the Scottish Government in June 2021. This project will store excess renewable electricity to use when it is needed, enabling increased use of renewable energy generation and helping provide security of supply as Great Britain's electricity network shifts away from fossil fuels.

Approved infrastructure layout as part of Section 36 consent.





Traffic and Transport

The impact on local roads and road users during construction is an important topic we want to discuss. Our aim today is to provide information on what is approved, and discuss options to minimise those impacts.

The development process seeks to minimise and mitigate impacts of traffic during construction.

The main steps are:

- Measure baseline
- Estimate the worst-case
- Explore options to reduce the worst-case

Worst Case Assumption	→	Mitigation
Each worker on site travels separately by car	→	Park and ride in Inverness
All types of vehicles on all roads	→	Defined construction traffic route
All concrete imported by lorry	→	Production of concrete on site where possible
All large and heavy loads by road	→	Using Caledonian canal where possible
All excavated material transported off-site	→	Most excavated material re-used on site to make embankment

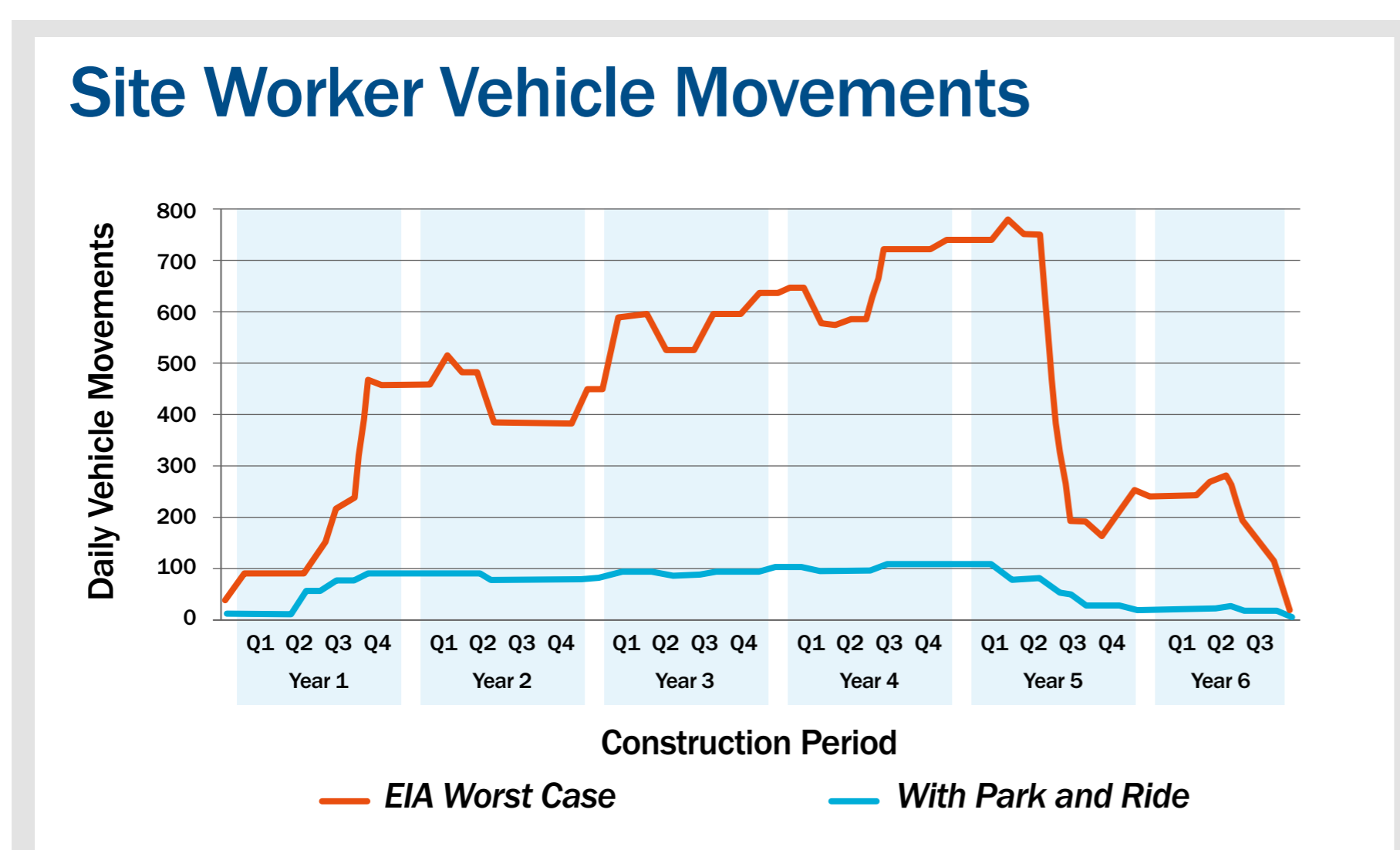


Figure 3. SEI, Oct 2019, showing two-way movements

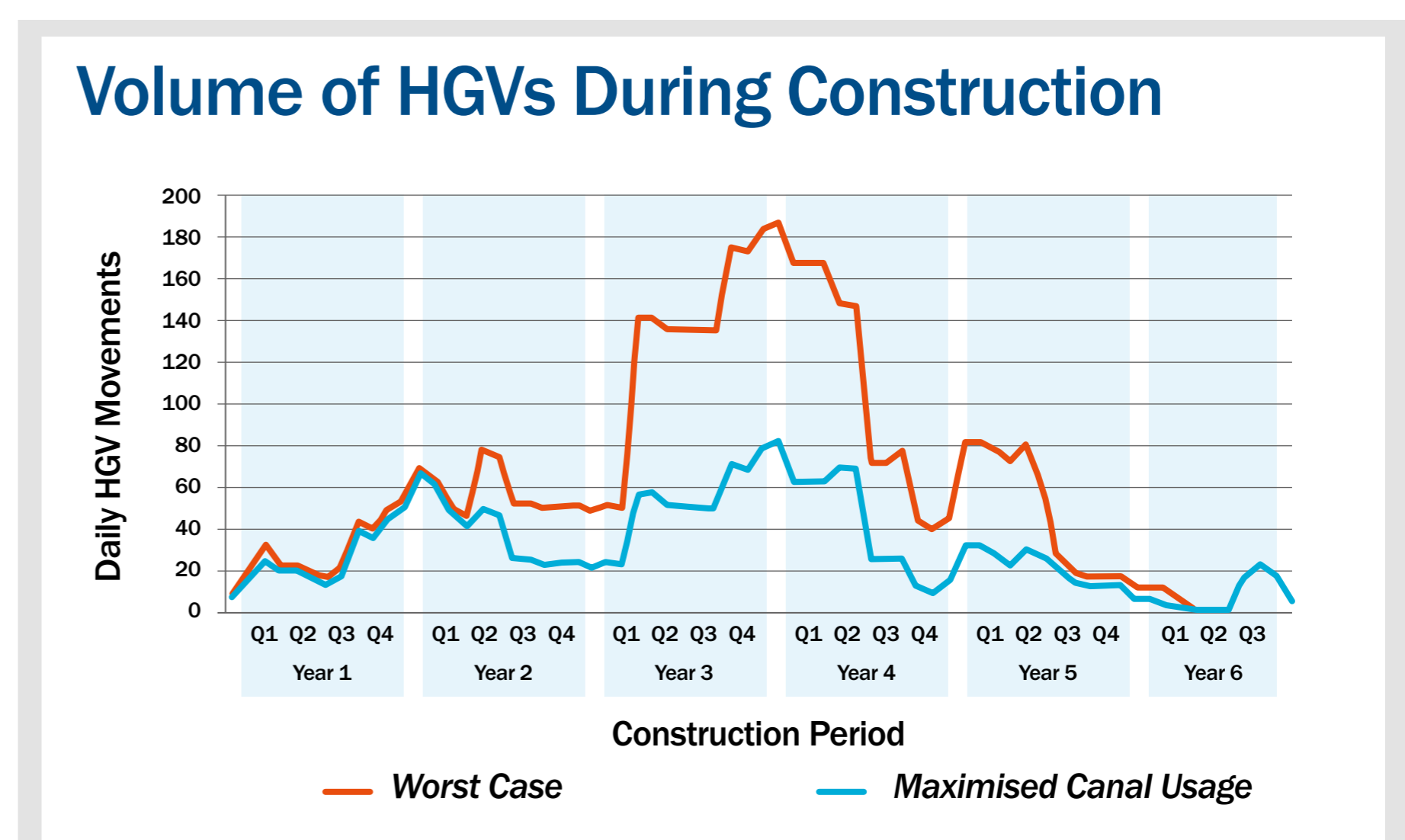


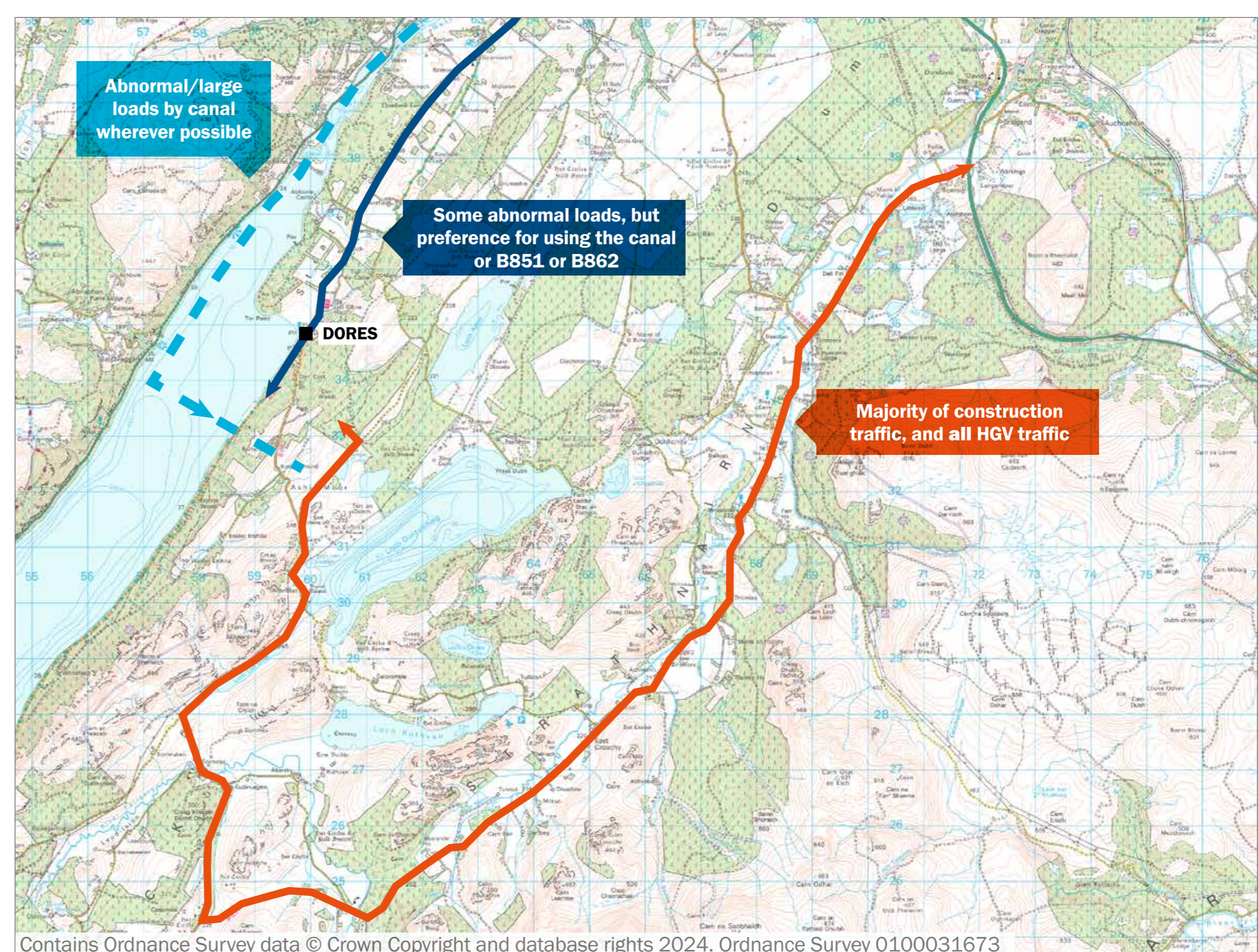
Figure 2. SEI, Oct 2019, showing two-way movements



Traffic and Transport

The Construction Transport Management Plan from the consented application forms the basis of our approach to construction. We will continue to explore opportunities to bring further improvements.

The most suitable options for construction transport were taken into consideration during the consenting process, and this forms our basis for the approved plan. We are interested to hear suggestions for further ways to minimise negative impacts of traffic during construction.



The existing traffic and transport plan confirms:

- Construction traffic will travel to and from the site via the route in orange above
- Construction workers will use a park and ride system in Inverness
- A concrete batching plant on site will significantly reduce the need for deliveries
- Approximately 95% of excavated materials will be re-used on site

Opportunities to make improvements could include:

- Increased deliveries via the canal system
- GPS monitoring of construction vehicles to ensure correct transport routes and speed limits are observed
- Co-ordinating with other projects in construction

We will also share our plans for road safety.



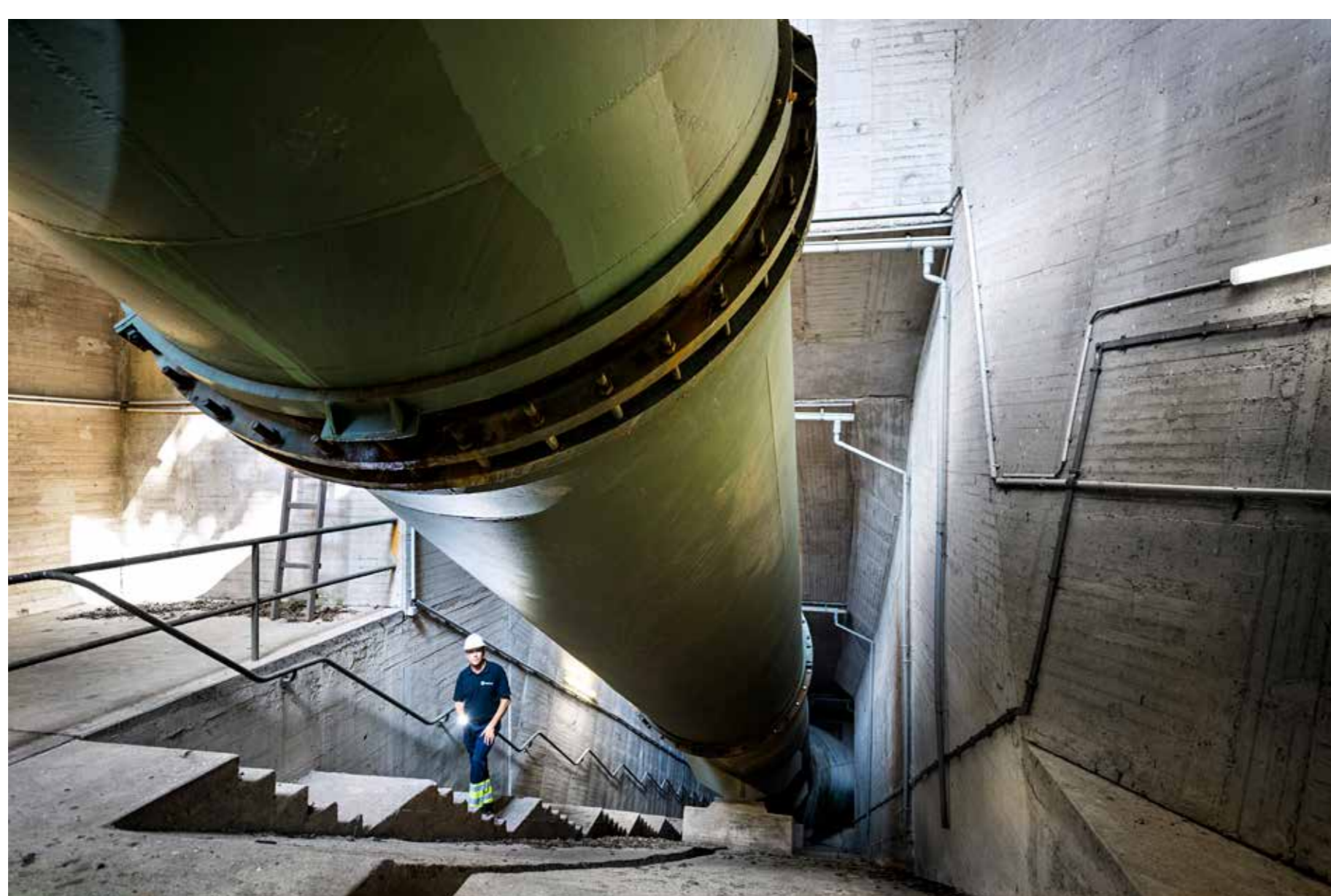
About Pumped Storage Hydro

Hydro pumped storage, or pumped-storage hydropower, is a type of energy storage system that uses two reservoirs at different elevations.

Water is pumped uphill from the lower reservoir to the higher one when electricity demand is low. When demand is high, the water is released back down, generating electricity as it flows through a turbine. It's like a big, water-powered battery that can store energy and release it when needed!

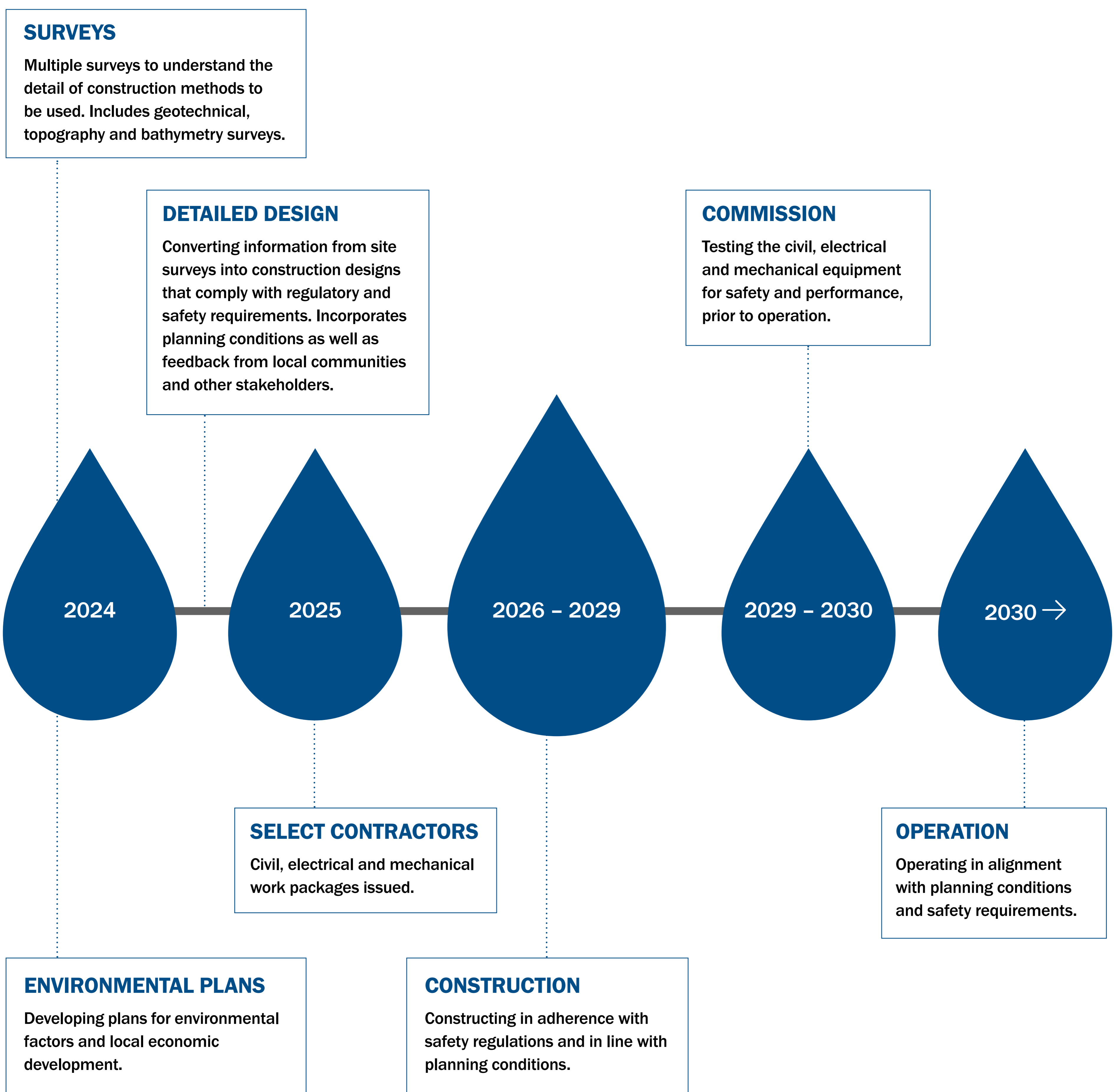
Our track record in pumped hydro storage

At Statkraft, we have over 125 years of experience in hydropower and are the largest producer of electricity from hydropower in Europe. The majority of our power production is hydropower. We have over 360 hydropower assets and are currently building new hydro facilities in a range of countries. We are committed to increasing our capacity in hydro pumped storage, which is a key technology for balancing the grid and supporting the integration of renewable energy sources.



Project Timeline

Statkraft will continue to engage with the local community and stakeholders throughout the lifetime of the project.



Pre-construction Surveys

It is typical for large infrastructure projects to have a list of conditions attached to a Section 36 consent.

These cover a range of topics and we are working closely with The Highland Council and other consenting organisations to achieve this.

We need to undertake multiple technical surveys to help understand the detail of construction methods.

One of the early surveys that will be noticeable for local residents is drilling, beginning this month.

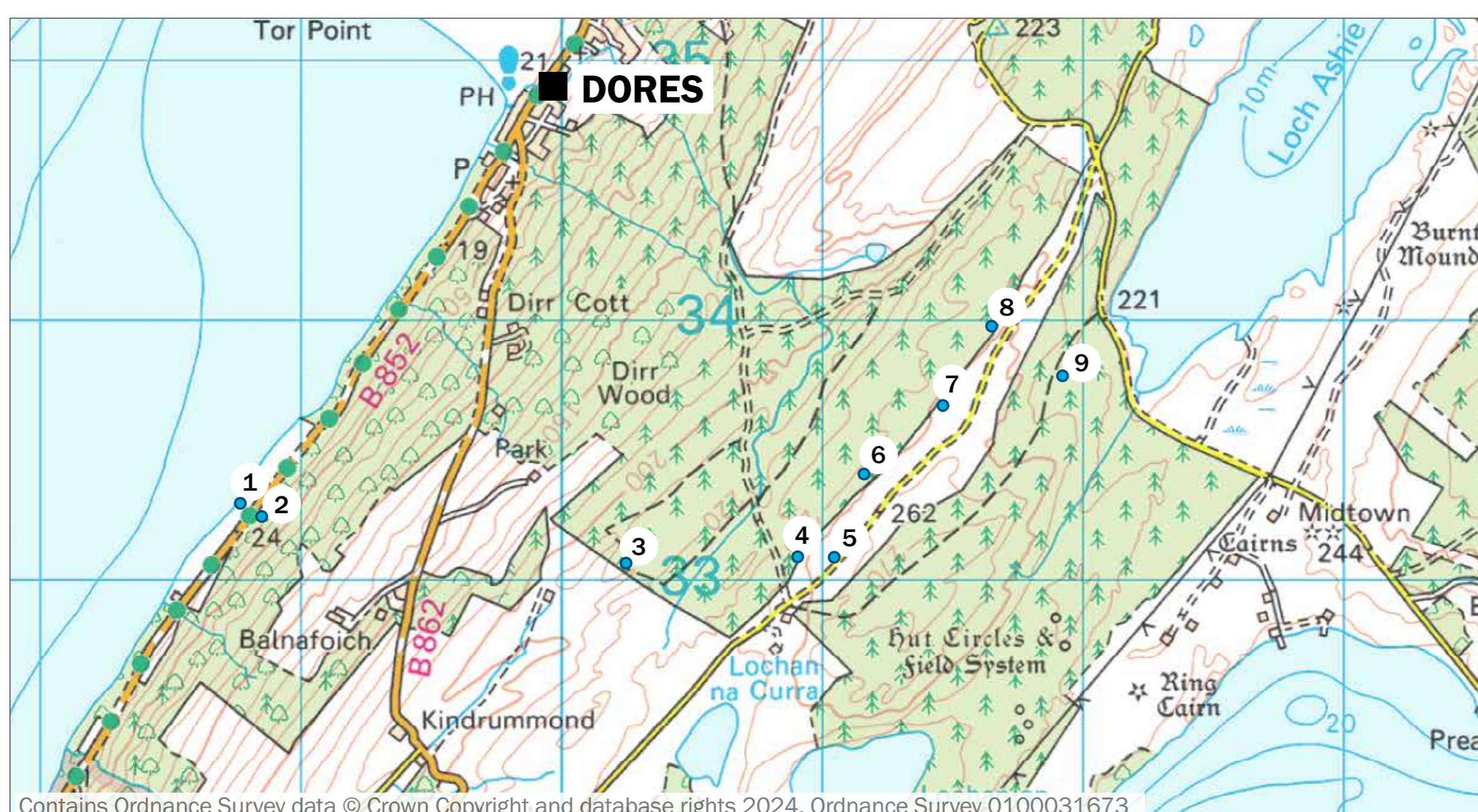
The geotechnical drilling work will require a small workforce of 8 to 10 technicians, working on two drilling rigs. The rigs are approximately 3 x 2.6 metres and will be drilling to a depth of between 20 and 280 metres. The drilling will take approximately ten weeks to complete.

The information gained from the drilling works will inform the project design, to construct a tunnel system that is safe and compliant for the operational lifetime of the project.

Some of the surveys required are:

- Plans for Habitat Management, Tree Protection and Compensatory Planting
- Archaeological and ecological investigations
- Peat Management
- Private water supplies plan
- Decommissioning and Restoration Plan
- Construction and Environmental Management Plan
- Traffic Management
- Road condition surveys and remediation
- Workforce Access Management Plan
- Delivery and abnormal loads
- Public Access Management Plan
- Noise Management Plan

Geotechnical surveys: drilling locations •





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.

Using Highland Skills

We are commissioning a Highland Skills Report to provide insight into the workforce requirements, to identify skills and training needs and encourage local entrepreneurs.

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.





Introducing a New Name - Loch na Cathrach

During the development of this project, feedback from the community showed a preference for a new name that better reflects the local area.

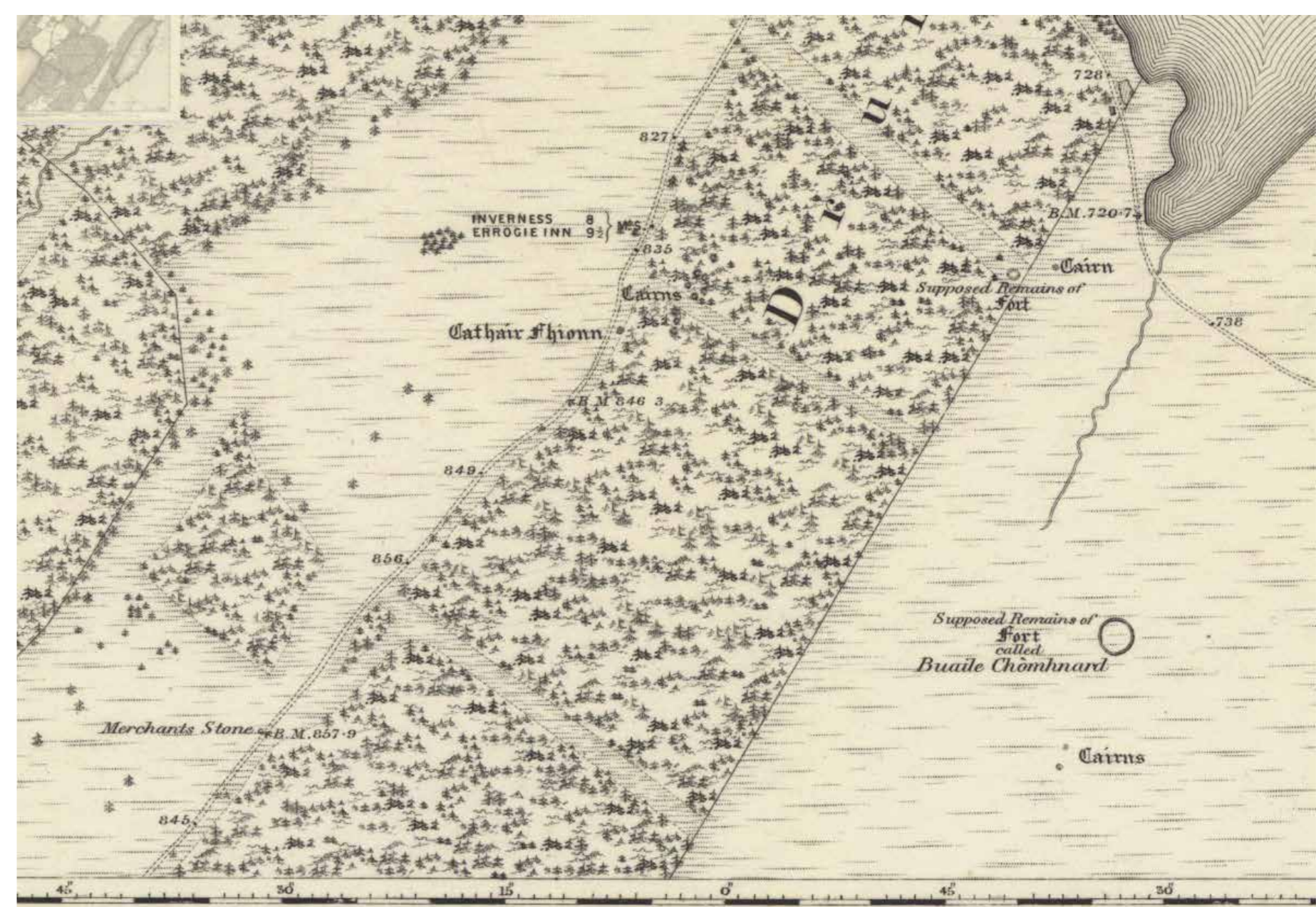
We are very grateful for the assistance of various parties to help identify a suitable name. We have renamed the project Loch na Cathrach – “the loch of the seat”.

The new name has evolved from discussions with:

- Ainmean Aite na h-Alba (Gaelic place names of Scotland - the official government body tasked with naming)
- Organisations and experts in local history and the Gaelic place names of Loch Ness-side
- Local Community representatives

Loch na Cathrach will be the name of both the new head pond and also of the project overall. Named for Cathair Fhionn (Fingal’s seat/chair), reputed to be where Fionn rested after his battle with Ashie (or alternatively from which he viewed the battle). Ashie was the son of a Norse King but we hope that is not a bad omen, given Statkraft’s Norwegian ownership!

It has meaning today, with Local Fèis basing their drama and creative work on the story, so it lives on. There are various other notable sites in the area, which also form parts of the story.



Loch na Cathrach is pronounced
“loch nuh KA-ruch”

Keeping in Touch

As we work towards bringing Loch na Cathrach to construction, it is important that we maintain a variety of communication channels to stay in touch with you.

We strive to be a good neighbour and seek to bring added value and new opportunities to the communities near our projects. Achieving that requires transparent, regular engagement and we aim to bring that to our communications with those who have an interest in this project.

There are a variety of ways to stay in touch with project news:



VISIT:
www.Loch-na-Cathrach.co.uk
Sign up to our mailing list



EMAIL:
UKProjects@statkraft.com



PHONE:
0800 772 3458



POST:
Freepost Statkraft

A Community Liaison Group consisting of community representatives, with the participation of statutory organisations, will help guide our communications approach throughout this next phase of the project.

We will be participating in local events and liaising with local partners such as UHI, Inverness Chamber of Commerce, Highland Tourism Community Interest Company and Highland Renewables.

We welcome your suggestions on other local groups and organisations that we should be in contact with.

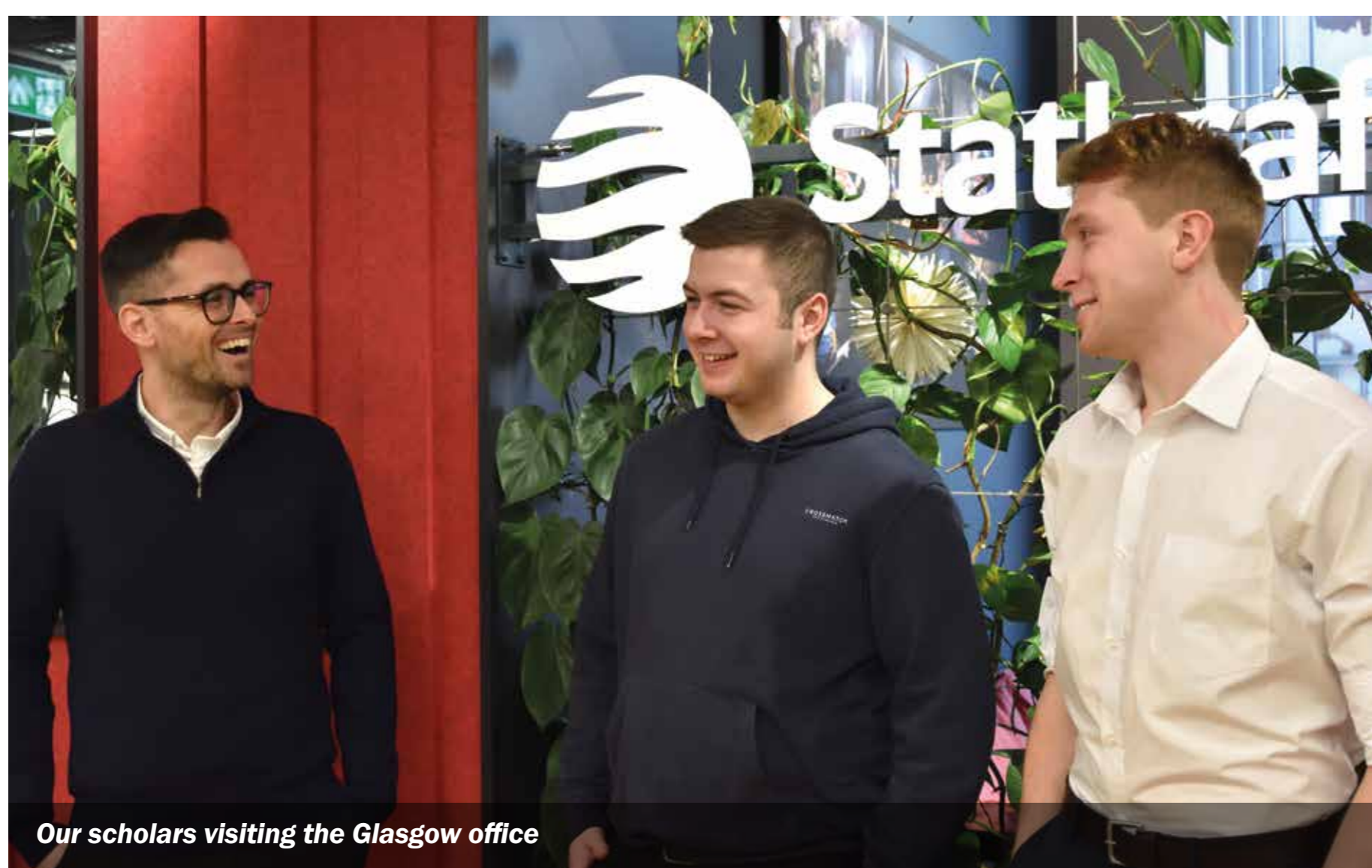


To find out more scan the QR code



Supporting STEM Careers

Statkraft are proud to provide STEM Scholarships at the University of the Highlands and Islands to support two students per year for the duration of their course with an award of £3,000 per year.



Our scholars visiting the Glasgow office

Alison Wilson, Director of Economic Development and Advancement 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. ”

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

