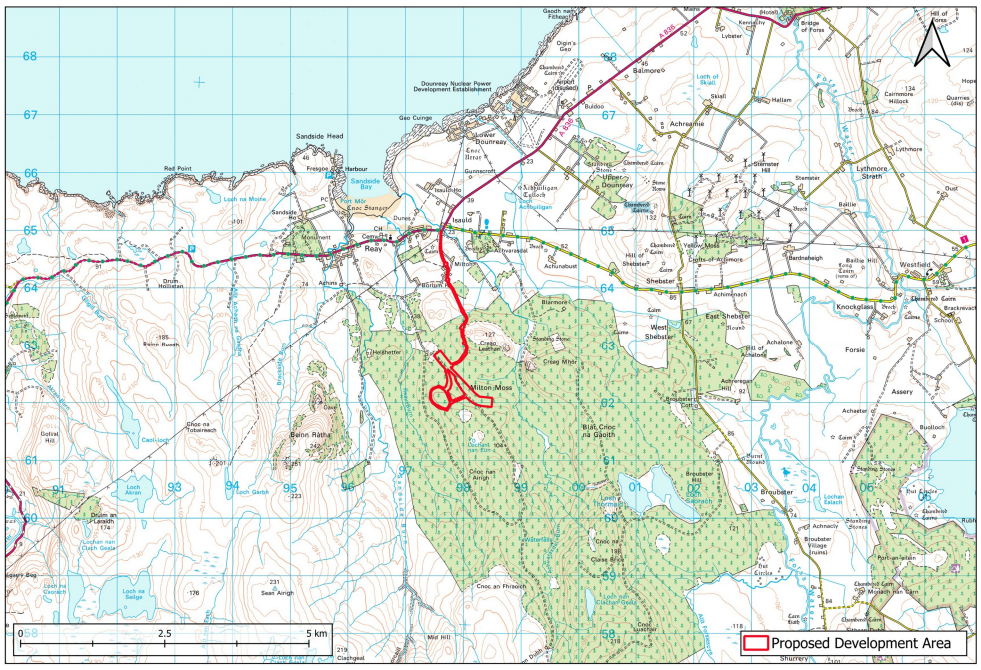
WELCOME TO LIMEKILN BESS COMMUNITY OPEN DAY



Welcome to the second round of public consultation for the Limekiln BESS proposal, the next phase of the Limekiln Wind Farm development.

What is a BESS?
Battery Energy Storage Systems (BESS) play a vital role in ensuring a stable, reliable, and sustainable energy syestem. They store excess electricity when demand is low and release it back into the grid when needed. In turn this reduces our reliance on fossil fuels and so supports our country's transition to clean energy.

Site Location
The proposed development is located within the footprint of the newly operational Limekiln Wind Farm, located to the south of Reay in Caithness. Feasibility studies undertaken to date have indicated that the land available is well suited for this scale and nature of development.

Why is this project important?
The proposed BESS will improve the efficiency of Limekiln Wind Farm and the local grid, helping to alleviate pressure during times of peak energy production. This enhances energy security, reduces power outages, and creates a more resilient and cost-effective electricity network. It also helps reduce the likelihood of wind curtailment by storing excess electricity when the grid is at capacity and releasing it when demand is higher.

As well as contributing to the benefits outlined above, this project will, if consented, support local construction jobs along with local supply chains during construction and operation and offer community benefit, supporting the long-term future of local communities.

The Developer
Boralex is a Canadian based independent power provider. Boralex has developed, and now operates a large portfolio of wind farms and a number of solar parks, primarily in Canada and France. The company also owns and operates large hydro-electricity projects in Canada.

In July 2022 Boralex acquired 100% of Infinergy's (UK based renewable energy company) interests in the UK. As part of Boralex, we will now own and operate our projects after the development stage.

Today's event
Please take a look at the information banners around the venue to learn more about the proposal and please do not hesitate to speak with any of the project team members who are here to answer your questions.

If you would like to leave a written comment, please help yourself to a 'Voice Your Opinion' comment form, available from the reception desk

There are several ways to obtain further information and to contact us:

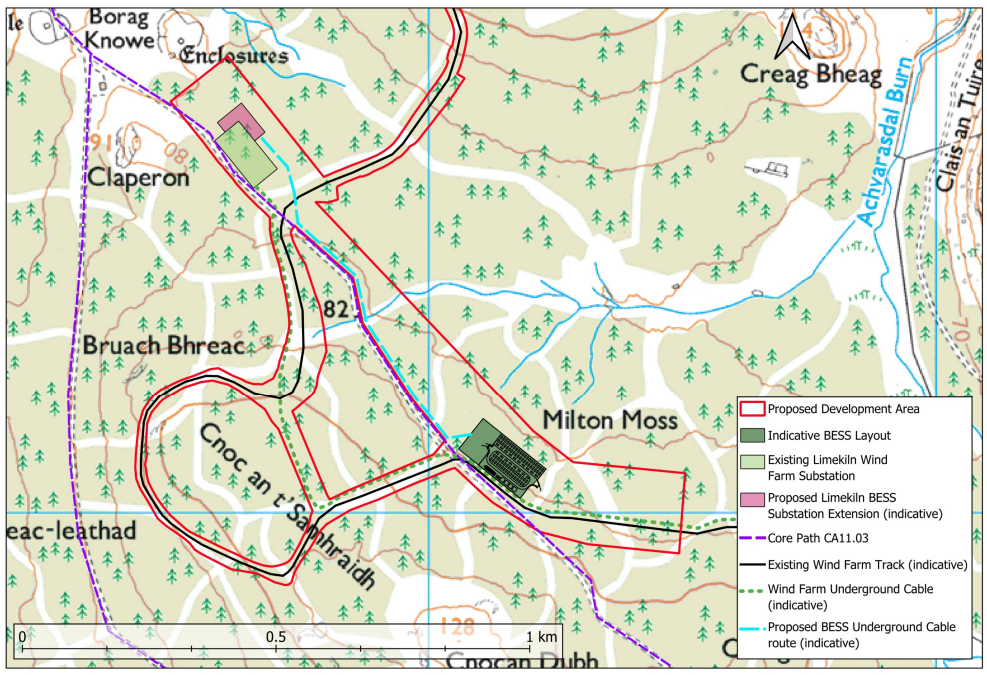
- The website www.limekilnwindfarm will be updated regularly to provide you with the latest information. We will publish the application documents, including the Environmental Impact Assessment Report, on the website once the application has been submitted.

- Email us at info@limekilnwindfarm.co.uk

- Write to us at FREEPOST BORALEX

BORALEX

THE PROPOSED DEVELOPMENT



Proposed Site Layout

Boralex is currently investigating the potential for a Battery Energy Storage System (BESS) of up to 70 Megawatts (MW) within the newly operational Limekiln Wind Farm.

Key Features of the Proposed Development

- *Site Area*: approximately 22 hectares of a combination of commercial forestry and wind farm infrastructure;
- *Proposed BESS location:* The Proposed Development will be located on the reinstated temporary construction compound which was utilised for the construction of Limekiln Wind Farm;
- *Substation location and connection point*: An extension to Limekiln Wind Farm's substation, the Proposed Development's intended point of connection, is situated approximately 700 metres northwest of the proposed BESS location; and
- *Underground cable connection:* The Proposed Development includes an underground cable connection from the BESS location to the substation extension.

Reasons for Proposing the Temporary Construction Compound

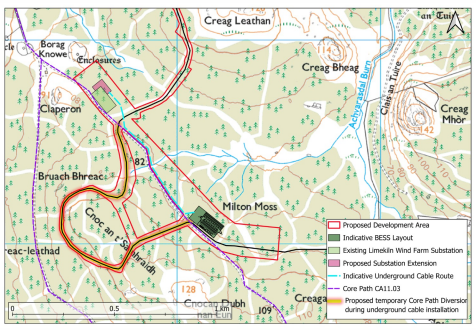
The Proposed Development Area will be well screened by surrounding forestry so will have minimal landscape and visual impact:

- Minimal disturbance to undisturbed ground by using the reinstated temporary compound area and permanent onsite tracks for Limekiln Wind Farm;
- The proposed location of the temporary construction compound was not identified as a priority habitat for the Wind Farm application so minimal environmental impact is predicted; and
- The proposed location of the temporary construction compound has not yet been replanted with trees as part of the forestry plan for the Wind Farm.

Core Path

It is proposed to install the underground cable between the BESS and Substation alongside Core Path CA11.03 to minimise impact on forestry.

During the installation period (anticipated to be no more than 2 weeks) it is proposed to temporarily divert the core path route from the substation through the wind farm to rejoin at the BESS platform.



The Highland Council has been consulted on this temporary diversion and has indicated that no significant impacts are predicted. We will continue to consult with The Highland Council on this proposal.

BORALEX