

# Welcome to our public exhibition



**TBC Partners are committed investors in clean energy and the energy transition. They have arranged this second consultation event to provide residents, businesses and all other local stakeholders with an opportunity to see how the design has evolved since the first public consultation event back in August 2024. This will also serve as an opportunity for them to explore and enquire about the proposed development plans for a Battery Energy Storage System (BESS) on land east of the A6112 and 2km south-east of Duns.**

TBC Partners value your input. Their expert team is here to listen to your thoughts, address your queries, and incorporate your feedback where possible. TBC Partners and the team will explain how the project has evolved since the first exhibition and will continue to refine the development before submitting an application to the Energy Consents Unit (ECU). This second Community Engagement Event, in advance of submission to the ECU is to present the final development and to meet with local stakeholders to discuss the development.

## About TBC Partners.

The TBC Partners team has a wealth of UK BESS development experience, having been leading players since 2017. To date, the team have developed over 3GW of BESS in the UK, and have managed the projects through construction, then owning and operating assets, not just developing them.



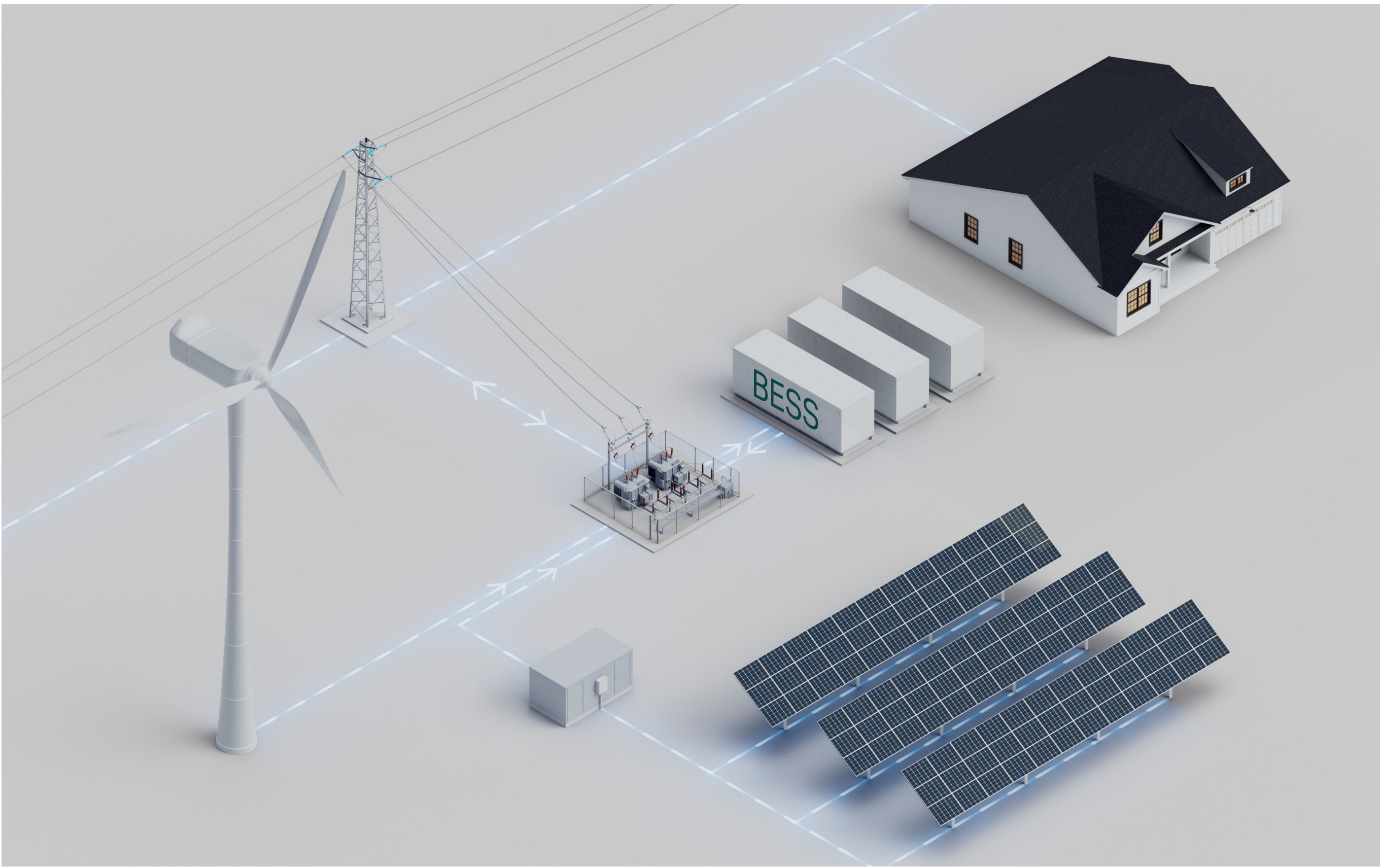


# About battery storage facilities.

A BESS facility stores energy during times of low demand and high generation and feeds it back to the electricity network at times of need, providing much needed balancing services to the grid. This allows for a greater reliance on renewable energy generation, including wind and solar power, which is inherently intermittent and suffers from curtailment. The need for BESS, to support the grid network, is growing as renewable energy sources increasingly dominate UK electricity supplies, replacing fossil fuel and nuclear power station generation.

BESS assets support local and national net zero targets through unlocking the full potential of renewable energy generation.

BESS facilities are space-efficient and visually contained. The batteries, inverter units and air conditioning units are housed in container or cabinet-like structures for electrical protection. The BESS facility, proposed at Kelloe Mains will have associated infrastructure including access tracks, fencing, underground cabling and CCTV cameras.



How BESS fits into a sustainable energy network





# The site.

- The site is divided into discrete groups of battery containers, inverters, and transformers, each separated to limit fire spread and allow emergency access. Battery container spacing will meet the minimum standards set by NFPA 855 and current National Fire Chiefs Council (NFCC) Guidance.
- Inverter and transformer separation will be optimised at the detailed design stage to reduce fire risk between components. Transformers will be banded to contain any cooling fluid leaks, such as mineral oil.
- Equipment will likely be installed on concrete rafts, with compacted, impermeable surfaces in front. These aprons will be designed to shed water to nearby permeable areas where feasible.

- Surrounding areas will be finished with free-draining stone to support infiltration, subject to a detailed drainage review.
- An Outline Battery Safety Management Plan (OBSMP) will be submitted with the planning application. It will outline fire safety measures, risk reduction strategies, and protection systems for the proposed 240MW BESS. The OBSMP will also detail relevant regulations and required safety information prior to construction.
- As a live document, the OBSMP will evolve throughout the project lifecycle—from procurement to decommissioning—incorporating emerging guidance, technologies, and best practices in battery fire detection and prevention.





## Proposals and vision.

The proposed development has been designed to deliver up to 400MW of power. The proposed development will supply electricity to the National Grid during times of peak power demand, support other low-carbon and renewable projects, aimed to help ensure the UK meets its net zero targets. TBC Partners have responded to National Grid's requirements for larger BESS projects connected directly to their transmission infrastructure to ease significant constraints on power flows between Scotland and England.

TBC Partners strongly believe the local community should see benefits from the proposed BESS facility. Through this consultation we are actively seeking input from the local community on how this may be achieved. TBC Partners will continue to work with local stakeholders to identify priorities for a community benefit scheme. These initiatives could relate to enhancements to local nature, technical education schemes or transport amongst other things. Please take this opportunity to speak with the team about the opportunities that you feel exist, or provide feedback following this event. TBC Partners want the community to shape how this project will benefit the local area.

TBC Partners will support the UK's greener electricity grid on its path to net-zero. Flexible energy storage including the proposed development will be key to receiving the full benefit from renewable technology.

## The site.

The site is located on land east of the A6112 and 2km south-east of Duns. TBC Partners have carefully considered various factors to assess the suitability of a number of locations for the proposed development in the area. These factors include, but are not limited to:

- **Availability of local grid capacity**
- **Grid network needs across the UK**
- **Visual containment/impact**
- **Highways access**
- **Local planning policy**
- **Distance to residential dwellings**
- **Topography**





## Benefits.

### Resilient power supply

BESS is a key tool for the system operator to use to better manage the demand of electricity in the area, especially during unexpected events including extreme weather events, accidents or grid failures.

### Reduced energy costs

Through enabling cheaper renewable energy generation such as wind and solar, BESS could help to bring energy costs down as the UK grid moves away from more expensive fossil fuel generation.

### Enable renewable energy generation

Increased penetration of renewable energy on the UK grid provides multiple benefits aside from cost, including energy security and wide-ranging environmental benefits such as improved air quality and negligible risk of pollution incidents.

### Community benefits

TBC Partners want to make sure their project makes a positive impact to the local community whether that is through land use diversification, biodiversity net gain, job creation, education initiatives and investment in the local community development and charities.

TBC Partners would like to hear your ideas on initiatives and schemes that could support areas of the community in need.

Please speak to the project team and fill out our feedback form at the event. All suggestions will be reviewed by TBC Partners.



**TBC**  
**PARTNERS**





# Environmental Considerations.

## Landscape & visual

The Landscape and Visual Impact assessment has completed viewpoint photography from key locations identified. These viewpoints will be assessed with the Environmental Report.

## Hydrology

The Hydrology Assessment has incorporated a detailed flood risk assessment of watercourses near to the proposed development. This has led to changes of the layout to provide appropriate buffers to protect the watercourse as far as reasonably possible.

## Ecology & biodiversity

A suite of Ecology and Ornithology surveys have been completed, including protected species, bats, fish and habitats of the area surrounding the proposed development. The results of the surveys have been taken into consideration for the update layout.

## Noise

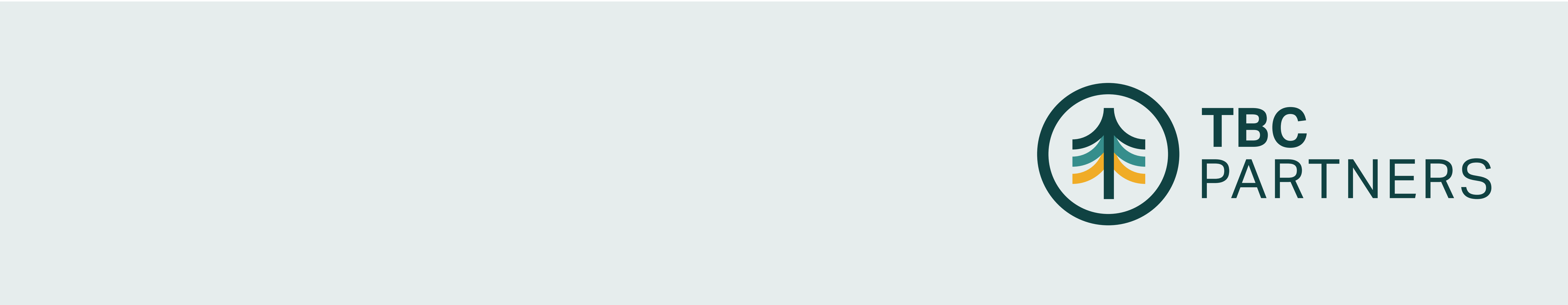
Background noise modelling has been performed at locations close to residential properties surrounding the proposed development. A noise model for the final layout will be provided within the Environmental Report.

## Cultural heritage

The cultural heritage team have completed a site walk over assessing assets near to the proposed development. The cultural heritage assessment will cover any potential effects to both on-site and off-site heritage assets. Mitigation measures will be outlined to minimise or offset any adverse effects identified.



## A close-up, shallow depth-of-field photograph of a plant with many small, light-colored, fuzzy flowers or seed heads. The background is a soft, out-of-focus warm tone.



# Thank you!

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