

# Energy Storage at East Fulwood

## MAP

### Native Species

Ecological surveys have identified the site as predominantly arable farmland with limited biodiversity, bordered by hedgerows of varying quality. A small area of marshy grassland and the Lin Burn watercourse provide more diverse habitats. Appropriate mitigation will be incorporated to ensure compliance with ecological regulations and protect key species and habitats.

### Views and Screening

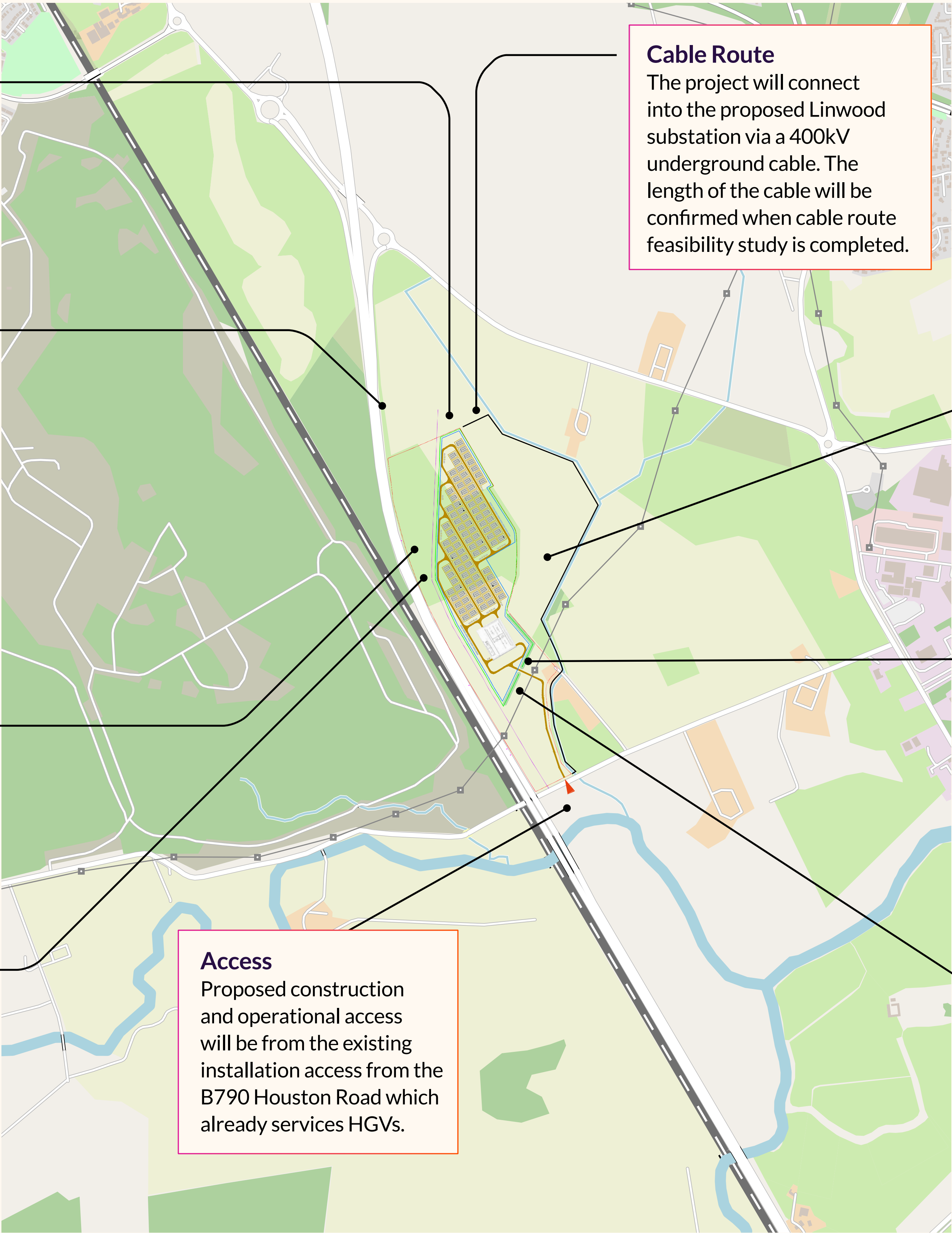
The proposed development is not located within or adjacent to any national or local landscape designations. The site is located within the Green Belt and is not allocated for any specific land uses within the Renfrewshire Local Development Plan. Core Path BIS/32 is located to the northeastern boundary of the site where it runs along the A8 / Greenock Road. The proposed design will seek to ensure that the impacts of the development on the nearby sensitive receptors are minimised through design and screening.

### Existing Vegetation

While developing the layout we have sought to maintain the majority of the existing vegetation around the perimeter of the site, retaining trees and hedgerows to preserve biodiversity and provide natural screening.

### Cultural Heritage Impact

We are aware that there are sites of cultural and scientific impact in the area, and have commissioned independent surveys to make sure our proposals will fully assess the potential for archaeology within the site. These surveys have shown are no designated or non-designated archaeology and heritage assets present within the Site. The closest designated heritage asset is Fullwood Bridge, River Gryfe, Linwood Road (Category B) which is 1.6km to the southwest of the Site boundary.



### Cable Route

The project will connect into the proposed Linwood substation via a 400kV underground cable. The length of the cable will be confirmed when cable route feasibility study is completed.

### Access

Proposed construction and operational access will be from the existing installation access from the B790 Houston Road which already services HGVs.

POWER LINE  
SITE BOUNDARY

### Flood Risk

A drainage strategy is being developed to ensure that flooding is mitigated on site. We are currently working with the Environment Agency to help evolve the drainage strategy.

### Agricultural Land Grading

The land is predominantly within Land Capability for Agriculture (LCA) Grade 3.2, with an area in the north west of the site identified as Grade 5.2. Neither of these are considered to be prime agricultural land.

### Boosting Biodiversity

A bespoke Biodiversity Management Plan will ensure that the existing and new habitats are enhanced or created to benefit local wildlife. As part of this initiative, our landscape planting, seeding and habitat creation plans will focus on native species. We are keen to hear from and work with any local beekeepers and land management organisations to support wildlife and boost the local habitats.

### New Vegetation Planting

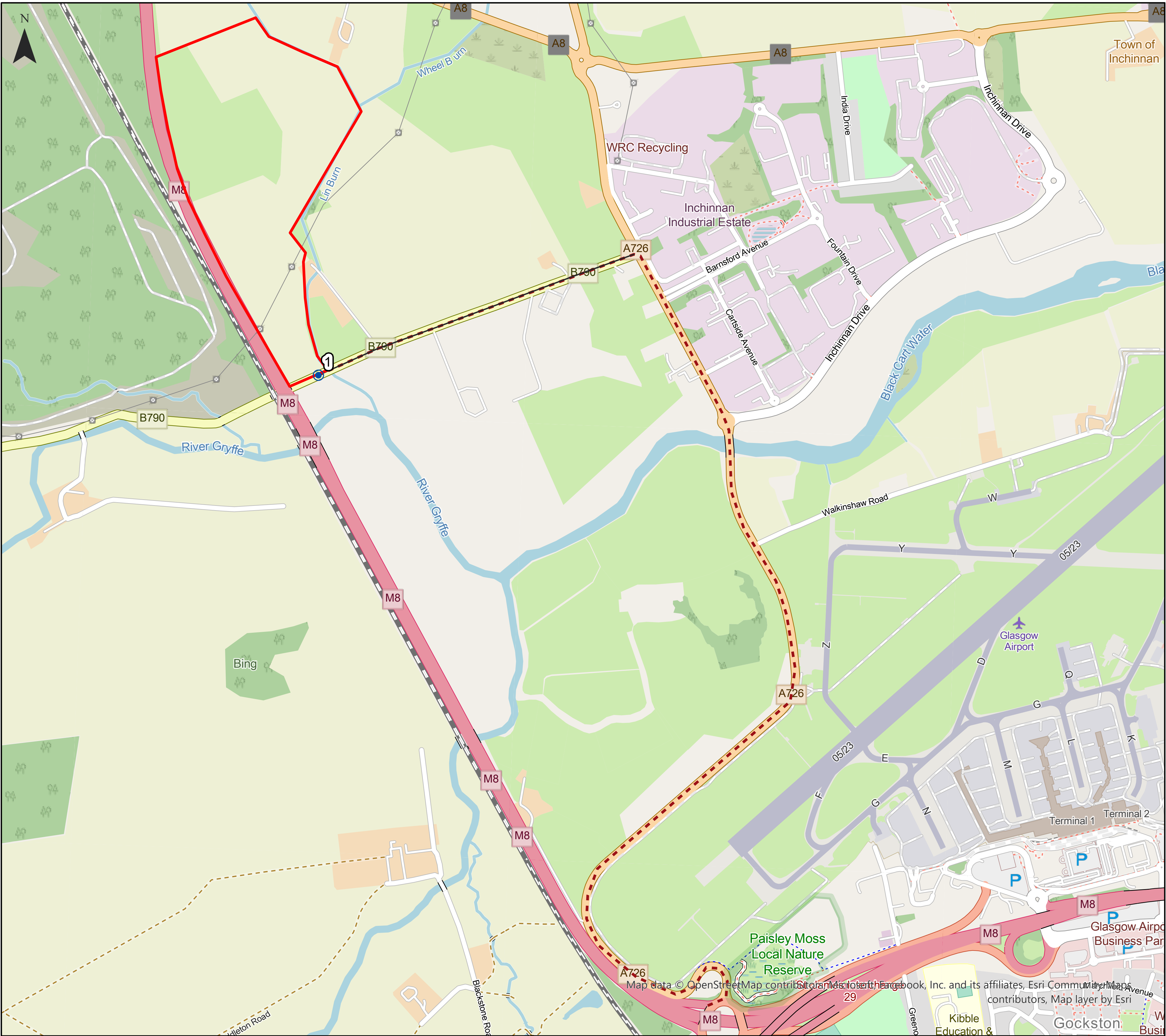
We will submit a detailed planting plan as part of the planning application, which will focus on screening potential views of the installation using vegetation and increasing biodiversity, including a berm around the south and south eastern site boundary.



# Proposed Haul Route

The proposed haul route has been identified by considering the ability of the route to physically accommodate the required vehicles, in addition to the sensitivity of the route to potential disruption by the movements of traffic to and from the Application Site.

Delivery vehicles will exit the M8 at junction 29 and travel along the Barnsford Road (A726) northeast for approximately 2.5km. Vehicles will continue along the A726 at the roundabout and travel north for approximately 0.6km before turning left onto Houston Road. Vehicles will travel west along Houston Road for approximately 1.1km before taking a right turn into the site access point.



East Fulwood BESS  
Proposed Haul Route  
Figure 5.1

- Key
- Development Boundary
  - Route Analysis
  - Proposed Haul Route
  - Condition Survey Extent



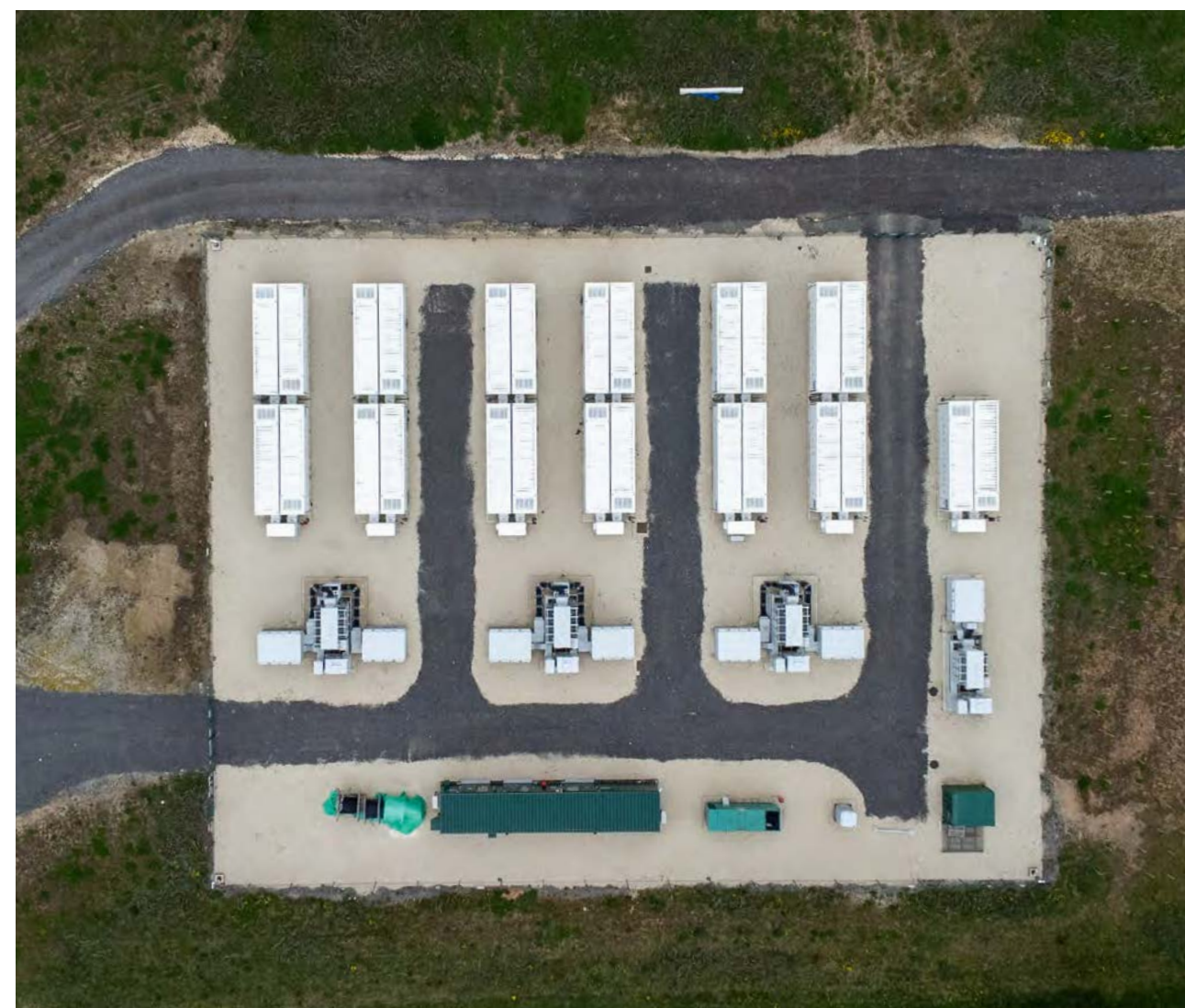
# About the Project

Lightsource bp is working on a proposal for an energy storage project at Houston Road, Freeland, Erskine, Renfrewshire. We will fund and operate a 400MW / 2,400MWh (6-hour duration) battery connected into the local electricity network.

The energy storage project will facilitate the integration of renewable energy into the grid, helping to support low-cost electricity and the enhanced reliability of the electricity grid.

We've chosen this site after careful consideration, and we're now undertaking a wide range of environmental assessments to help shape our plans. These include landscape and visual, heritage and archaeology, ecology and ornithology, flooding and more.

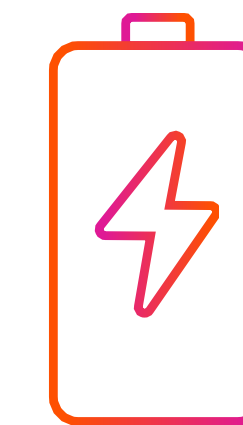
A key part of developing plans for energy storage is community involvement, we want to hear your views. Members of the Lightsource bp team are on hand to answer any questions you may have.



## STATISTICS



**400MW**  
installed capacity



**160**  
battery containers



**67**  
acres of land



**40**  
years operational life

This project will contribute to Scotland's ambitions of reaching net zero emissions by 2045.