

Welcome to our consultation event

The Developer:

Apatura are an expert renewable energy, planning and project management team with over a decade-long record in delivering renewable energy developments.

Apatura provide renewable energy expertise to manage projects from concept through to planning and construction, working with private businesses and individuals from home and across Europe. Our expert renewable energy, planning and project management team oversee the production of a suite of relevant technical documents to support and manage a project through the planning process.

Our consultancy expertise, which spans more than a decade, led to the company's formation as a means to work in partnership with our diverse client base. Our proven track record has delivered an impressive national portfolio of renewable energy developments.

Aims of the consultation event:

We want to hear your comments on the very early stages of our proposals to develop a Battery Storage Site.

Battery storage is a technology that enables energy to be stored for later use. The storage system charges (or collects energy) from the grid, conventional power plant or renewable energy development and then discharges that energy at times of peak demand.



Increasing needs for system flexibility has enabled battery storage to play an increasing role in the grid power system in recent years and as the provision of wind and solar deployment increases, more policymakers, regulators and utilities are seeking to develop policies to encourage such projects.

Key Benefits of Battery Storage include:

- **Reliability:** Even when the sun isn't shining or the wind has stopped blowing, battery storage enables homes and business to still be powered by green technology.
- **Economy:** Battery storage is needed to reduce the costs of the electricity system.
- **Surplus:** It allows surplus electricity generation to be stored for later use rather than exported to the National Grid.
- **Capability:** In simplest terms, energy storage enables electricity to be saved for a later date, when and where it is most needed. This creates efficiencies and capabilities for the electric grid, including the ability to reduce greenhouse gas (GHG) emissions.
- **Environment:** Energy storage has no emissions, so it can be placed anywhere in a facility with no immediate environmental or air quality impacts. If paired with solar PV or wind, the power will be free of greenhouse gases.



More information is available on our website:

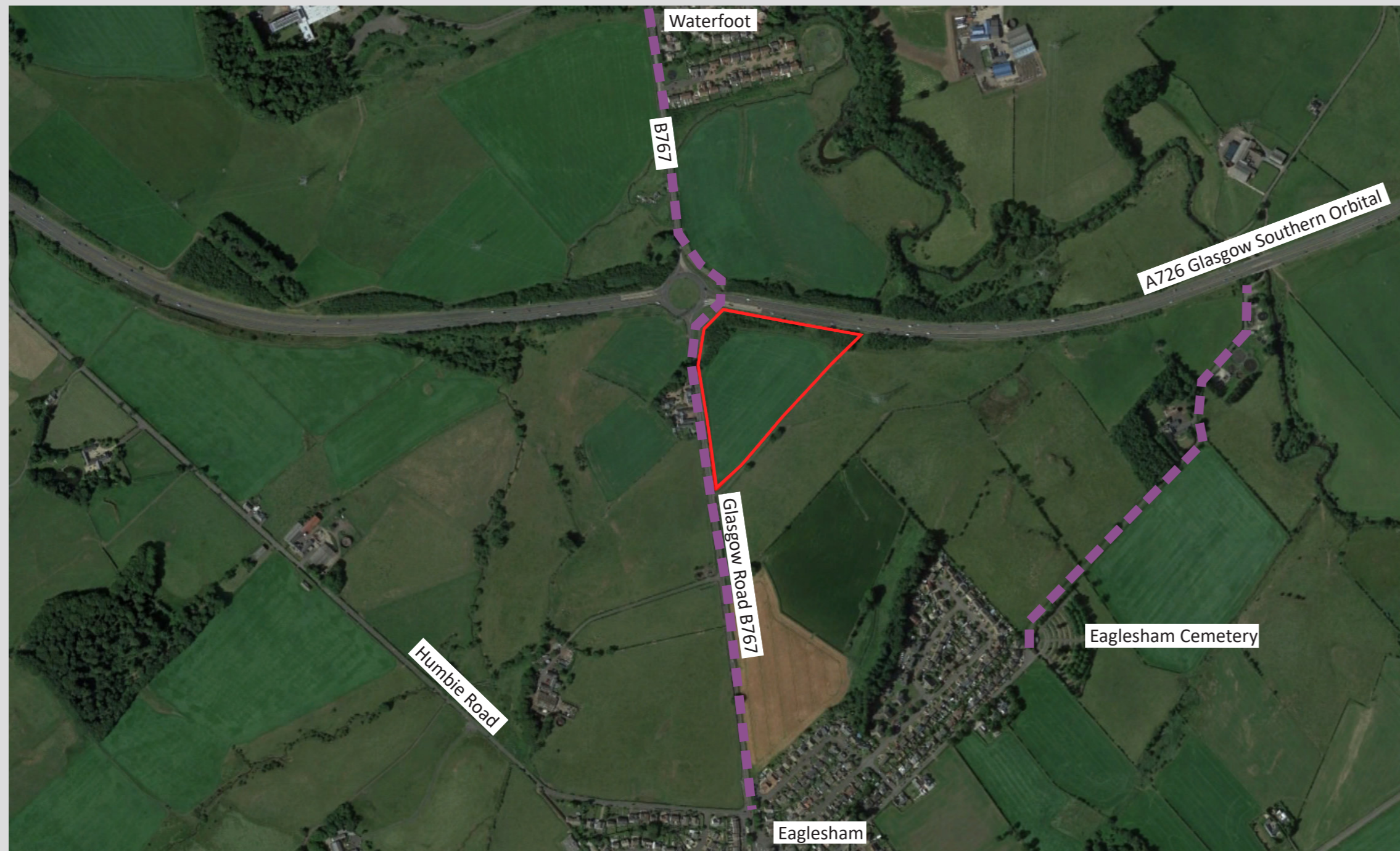
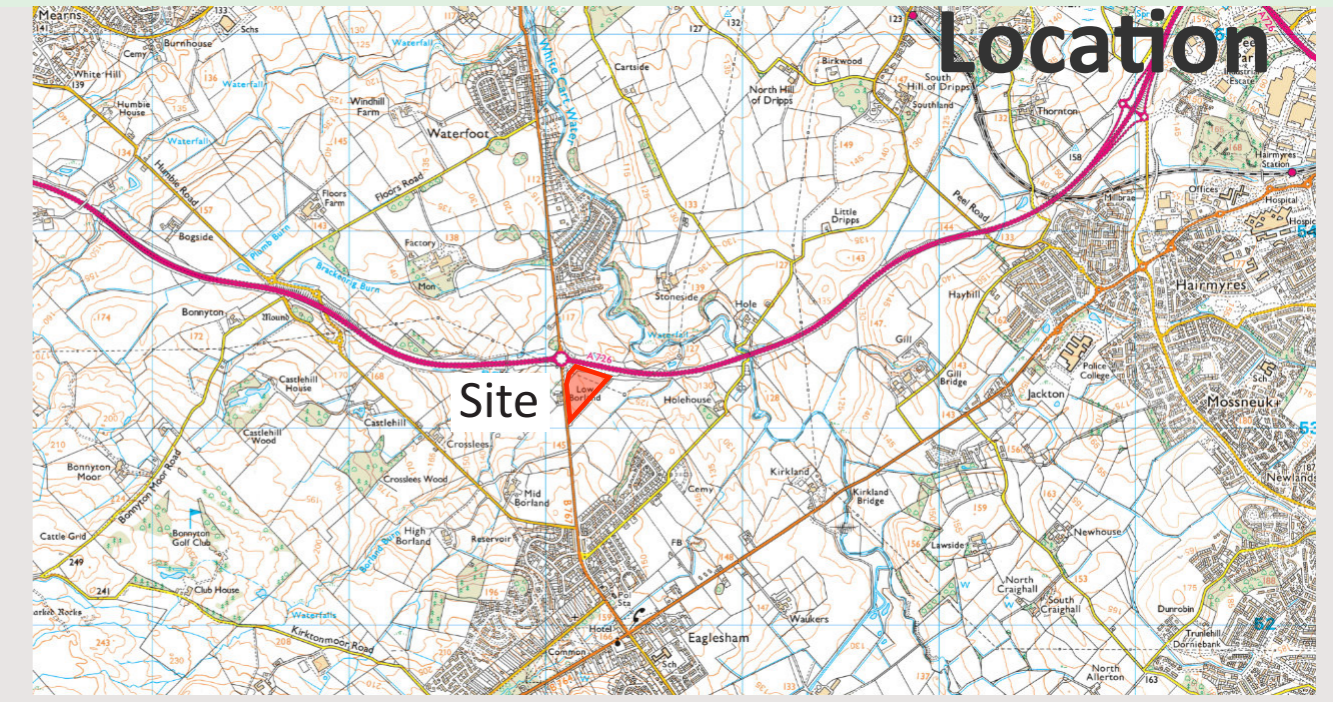
www.aahplanningconsultations.co.uk



The Site and Indicative Proposals



About the Site:

An area of greenfield land east of Glasgow Road at Eaglesham, Glasgow has been identified as a potential new battery storage site.



Context Plan

Legend

-  Site Boundary
-  Core Path:
From East Renfrewshire Core Paths Plan



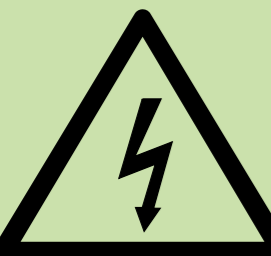
The Development:

The Development would comprise: Containerised units housing battery energy storage systems and associated ancillary infrastructure, transformers/hv switchgear units, perimeter fence, pole-mounted cctv cameras, and access road/track.

**40
MW**

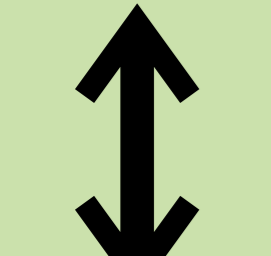
Capacity

The facility would have a total storage/export capacity of up to 40 MW.




Connection to Grid

A new connection into the SSEN grid is proposed and efforts will be made to minimise on-site infrastructure.




Access

The access point would most likely be formed from the B767, though the exact location has yet to be confirmed.




Biodiversity

Habitat protection and creation along existing boundaries will be prioritised across the site.



Water Management

Battery storage development has a minimal impact on run-off and drainage, however assessment may be required to determine any impacts.






Landscape

Existing hedgerows and trees on the site will be retained where possible and new planting implemented to enhance existing vegetation.



Legend

-  Site Boundary
-  Potential area being considered for Development with landscape buffer
-  Potential site access

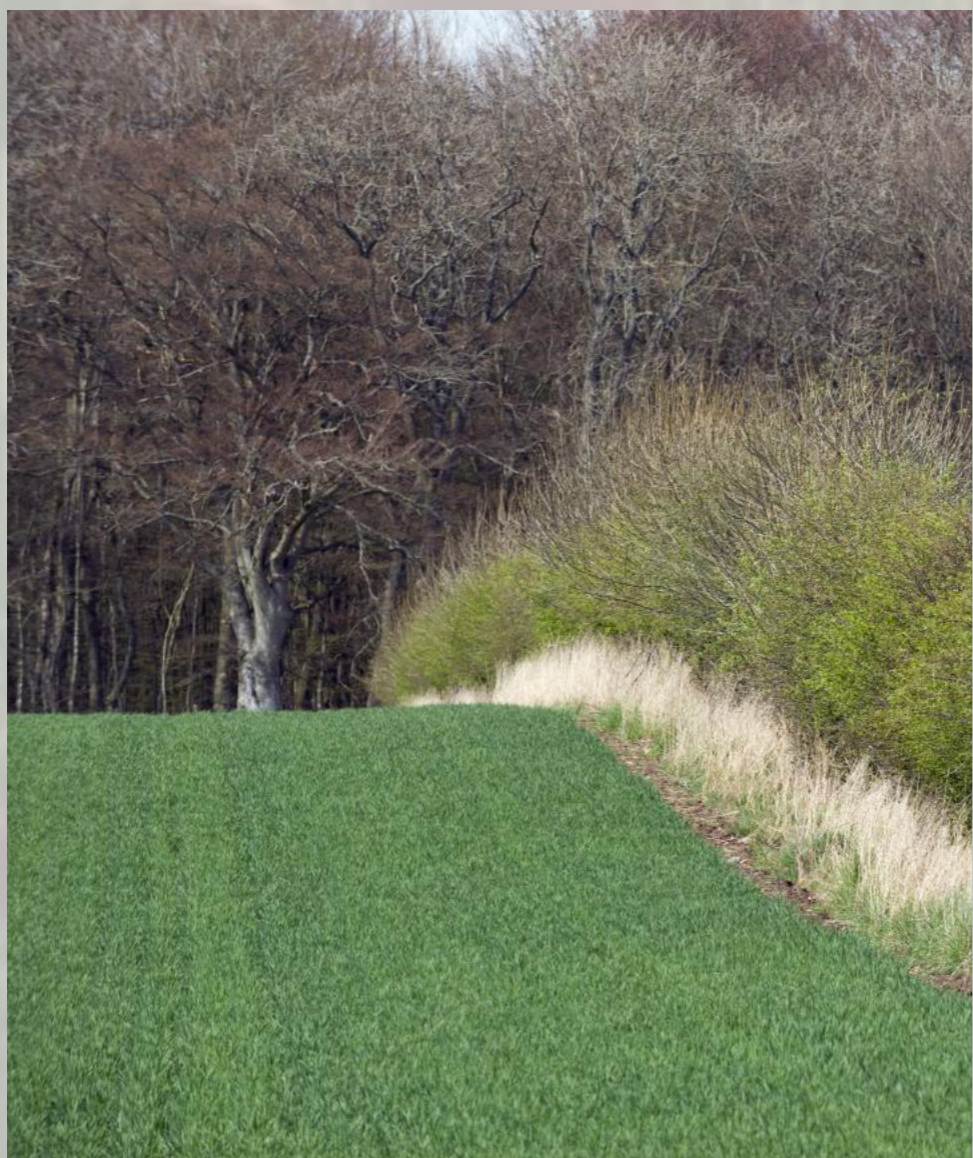


Environmental Considerations & Consultation

The proposed battery storage site offers a valuable opportunity to provide renewable electricity for the electricity grid in Scotland.



We will be consulting with a range of statutory stakeholders to support the planning application and this process is likely to require the following assessments: Ecology; Noise; Transport; Flood Risk; and Landscape & Visual.



Although the exact technology and type of components have yet to be decided, indicative photos of typical battery storage configurations have been included within the presentation to aid understanding of what is proposed.

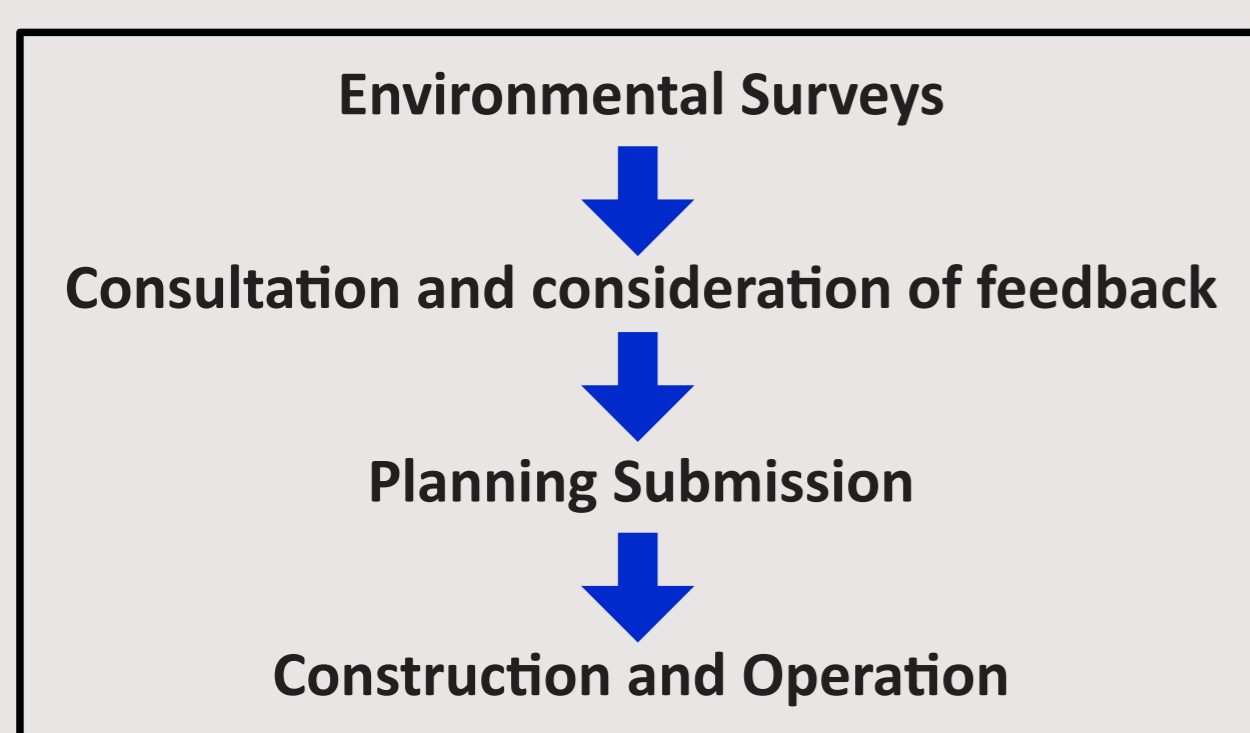
Battery storage can enhance power system flexibility and enable high levels of renewable energy integration. Fire and safety measures and noise mitigation will of course also be designed in.

Battery storage sites are temporary developments, typically installed no longer than 40 years. The proposal will work with existing features in the landscape, seeking to retain and, where possible, enhance existing boundaries and opportunities for wildlife. Upon completion of the battery storage facility limited site visits will be required for maintenance.

A comprehensive site-wide biodiversity and landscape management plan will be developed in consultation with stakeholders to secure opportunities to protect and enhance biodiversity on-site.

Project Timeline:

The proposed battery storage site is a major development project. We will be applying to East Renfrewshire Council for Full Planning Permission and they will make their decision known regarding the approval of the project.



Have your say:

We want to hear your feedback on our initial proposals. Our consultation will run until 28th December 2023 & all comments need to be provided to us by then. To have your say, please:

Return a written feedback form to us at the event, or via post to:

AAH Consultants, 1 Bar Lane, York, YO1 6JU

or

Complete our online feedback form at:

www.aahplanningconsultations.co.uk

or

Tell us your comments by contacting us by email:

info@aaahplanningconsultations.co.uk

Please be advised that any comments and representations expressed as part of this pre-planning application consultation on process are for the purposes of informing the applicant and improving the proposal. They are not representations to the Local Planning Authority (LPA). In the event that a planning application is submitted there will be an opportunity for representations on the application to be made directly to the LPA for consideration in the determination of the planning application

