

Sustainability Appraisal



Proposal name:	Halewick Lane Battery Storage Project
Lead officer:	Tom Coates
Date:	24.04.19
Version:	V1

Objectives (Please copy across the objectives of your project from the project brief):

The main benefits arising from this project based on the commercial option proposed are as follows:

- The scheme will generate an income that will significantly mitigate WSCC energy budget exposure to future energy price increases.
- Included in the scheme will be the complete, safe removal of the now condemned, hazardous and unsightly buildings on site. The site's current condition has caused significant resident concern in relation to health and safety, trespass and vandalism. The replacement scheme will significantly reduce these issues due to robust security and the installation of a CCTV system.
- The land has limited alternative development potential and presents a scheme that is entirely removable. A decommissioning budget has also been allotted to the financial model.
- The scheme will support local industry where possible, by employing local businesses both prior to, and on completion of the project where practicable.
- WSCC would become a demonstrable site of interest by owning one of the largest public-sector owned stand-alone storage systems in the UK.
- Landmark development for reuse of second- life electric vehicle (EV) batteries, thereby contributing to prudent use of resources
- There will be ecological enhancements made to the site, benefitting the local wildlife populations particularly on the northern, eastern and southern boundaries.
- Aligning the scheme to Project SMARTHUBS and taking advantage of funding available through this route would provide the council with a means by which it can generate an income and realise the full potential from the site far sooner.

How will your proposal impact on the following objectives?

Very positive	Slightly positive	Neutral	Slightly negative	Very negative	Not applicable
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1 All children and young people are ready for school and work

Click in the box below, and explain your response:

The project will have no impact on this objective.

2 Families and children have a healthy family, home and work life

Click in the box below, and explain your response:

This project will make a positive contribution to families and children living in the close proximity of the site. The site is currently a health and safety hazard with many concerns raised by residents over harm to young people and trespassers in the area. The project put forward will reduce the attraction that a derelict building presents and will ensure that Halewick Lane, which acts as a local gateway onto the south downs, is maintained as a safe and accessible public access point.

3 Children and young people feel safe and secure

Click in the box below, and explain your response:

As above, the project put forward will make a contribution toward making the access point onto the downs a safer and more secure route to be used by children and young people.

4 Access to education that meets the needs of our community

Click in the box below, and explain your response:

This project will not make a contribution toward this objective.

A safe place

8 **Minimising the risk to people and property from extreme weather events, including consideration of our changing climate**

Click in the box below, and explain your response:

The project will not impact the following objectives

9 **Reducing the number of road traffic accidents and improving road safety**

Click in the box below, and explain your response:

The project will not impact the following objectives

10 **Reducing actual levels of crime and rates of reoffending, and / or reducing fear of crime and improving the perception of community safety?**

Click in the box below, and explain your response:

As has mentioned above, the site currently suffers from a high number of break-ins and vandalism. This has caused a number of concerns locally. The project put forward will overcome these issues by levelling the existing building and installing replacement security system as a robust deterrent against these regular occurrences.

Sustainable Environment

11 Reducing emissions of carbon dioxide and other green house gases



Click in the box below, and explain your response:

The project will make a lasting contribution towards reducing emissions of carbon dioxide and other green house gases by reducing energy demand from National Grid during peak times. The national roll-out of energy storage systems across the UK is seen by Ofgem as a key enabler that will both reduce demand from power generators and enable more renewable technologies to connect to the grid in the future.

12 Reducing use of natural resources



Click in the box below, and explain your response:

The project will make an in-directly positive impact toward reducing use of natural resources by being able to improve efficiencies across National Grid by holding onto surplus power when demand is low and deploying it when in reverse.

13 Reducing waste and increasing waste recovery and recycling.



Click in the box below, and explain your response:

The project will not impact the above objective.

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A Place of Culture, Heritage and Beauty

14 Enhance West Sussex in regard to culture, heritage and beauty.

Click in the box below, and explain your response:

The project will not impact the above objective.

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How will your proposal impact on the following objectives?

Very positive	Slightly positive	Neutral	Slightly negative	Very negative	Not applicable
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A place where businesses thrive

11 Creating well-paid and long-term employment opportunities for local people

Click in the box below, and explain your response:

The project will not impact the above objective.

12 Promoting growth in new business, key sectors and industries

Click in the box below, and explain your response:

By including the Halewick lane project in the wider SMARTHUBS programme this project will become an exemplar project for promoting the growth of the battery storage sector more broadly, but also the second-life battery industry in the county. We will also endeavor to use local industry in order to complete the site and perform operation and maintenance responsibilities for the site.

13 Promoting the use of local resources, goods and products

Click in the box below, and explain your response:

When at procurement stage the project has the ability to influence the final choice of the Principal Contractor based upon their approach to the use of local resources, goods and products during delivery of the contract. To some extent a lot of the electrical infrastructure will not be able to be sourced locally but elements of the project such as the planting and landscaping can all be procured with a view to all materials being sourced locally and/or with minimal travel.

Infrastructure that supports a successful economy

14 Creating or enhancing a skilled workforce for West Sussex

Click in the box below, and explain your response:

By including the Halewick lane project in the wider SMARTHUBS programme this project will become an exemplar project for promoting the growth of the battery storage sector more broadly, but also the second-life battery industry in the county. We will also endeavor to use local industry in order to complete the site and perform operation and maintenance responsibilities for the site.

15 Increasing apprentices in West Sussex

Click in the box below, and explain your response:

The project will not impact the above objective.

16 Increasing opportunities for adults with learning disabilities to gain paid employment

Click in the box below, and explain your response:

When at procurement stage WSCC has an opportunity to ensure that any principal contractor selected has a proven track record of being an equal opportunities employer which can increase opportunities to adults with learning difficulties and/or disabilities.

A great place to live, visit and work

17 Reducing poverty and social exclusion in those areas most affected

Click in the box below, and explain your response:

The project will not impact the above objective.

18 Encouraging a diverse range of visitors and enhance the visitor experience

Click in the box below, and explain your response:

The project will not impact the above objective.

How will your proposal impact on the following objectives?

Very positive	Slightly positive	Neutral	Slightly negative	Very negative	Not applicable
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19 Providing opportunities for older people have opportunities to thrive

Click in the box below, and explain your response:

The project will not impact the above objective.

20 Encouraging/facilitating participation in voluntary and community sector activities

Click in the box below, and explain your response:

The project will not impact the above objective.

21 Reflecting the needs, expectations and wants of people as they age over the next 20 years

Click in the box below, and explain your response:

The project will not impact the above objective.

22 Encouraging older people to remain active within the community or in employment

Click in the box below, and explain your response:

The project will not impact the above objective.

How will your proposal impact on the following objectives?

Very positive	Slightly positive	Neutral	Slightly negative	Very negative	Not applicable
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11 Demonstrated that you have sought, and addressed the needs of your customers

Click in the box below, and explain your response:

From inception through to planning stage we have sought the opinions and concerns from residents most impacted by the project put forward. This has been in the form of multiple drop-in/ engagement sessions which have ensured that the project has received no objections.

12 Helped people to participate within their community and build their sense of pride and

Click in the box below, and explain your response:

Through the community engagement sessions we have been involved in we have played some part in connecting members of the community with established community hubs such as the Sompting Big Local and the Parish Council.

13 Utilised our assets for community action

Click in the box below, and explain your response:

The project will not impact the above objective.

14 Enabled our customers to access information about the council

Click in the box below, and explain your response:

The project will not impact the above objective.

18 Sought the views of partners and explored options to add value by delivering with others to meet shared objectives

Click in the box below, and explain your response:

As has been mentioned above, we have undertaken a significant degree of resident engagement locally but also with regards to other stakeholders in the area. As an example there is an ongoing flooding issue on halewick lane which is unresolved. Whilst this is not a WSCC responsibility (as the problem arises from a private road) we are aware of these issues and may be able to improve the issue in partnership with the road owner when installing civil works in the area.

Summary

[Click here to return to the guidance.](#)

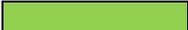
Lead officer:

Date:

Proposal name:

Theme/subsection	Result	Applicable Questions
Best Start in Life	 Slightly positive	100%
Strong, Safe and Sustainable Place	 Slightly positive	100%
A Healthy Place	 Neutral	100%
A Safe Place	 Slightly positive	100%
A Sustainable Environment	 Slightly positive	100%
A Place of Culture, Heritage and Beauty	 Neutral	100%
A Prosperous Place	 Slightly positive	100%
A Place where businesses thrive	 Very positive	100%
Infrastructure that supports a successful economy	 Slightly positive	100%
A great place to live, work and visit	 Neutral	100%
Independence for Later Life	 Neutral	100%
A Council that works for the community	 Slightly positive	100%

Appraisal criteria

	50% or above positive impact
	0 - 49% positive impact
	Neutral impact
	Negative impact

Impact monitoring

Text size

Positive impacts

This assessment has identified that your proposal will have a significant positive impact on the following objectives. These need to be integrated into the project and translated into outcomes. Please indicate how your project will deliver these sustainability objectives by identifying appropriate metrics and targets to monitor and evaluate them.

A Prosperous Place

Promoting growth in new business, key sectors and industries

Primary mitigation measures	Metric	Target	Timescale
Promotion of second-life battery storage industry in the West Sussex			Delivered by close of 2020

Negative impacts

This assessment has identified that your project will have a significant negative impact on the following objectives. Ideally these will be addressed by seeking alternatives to enhance sustainability performance in these areas. Where mitigation measures are required please outline these below and identify appropriate metrics and targets to monitor and evaluate their success.