



**Mallard
Pass**
Solar Farm

Mallard Pass Solar Farm

Community Consultation Information Webinar

05 July 2022

Disclaimer

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By continuing to be in the meeting, you are consenting to be recorded.



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✉️ Freepost: FREEPOST Mallard Pass Solar Farm

🖱️ Our website: www.MallardPassSolar.co.uk

Agenda

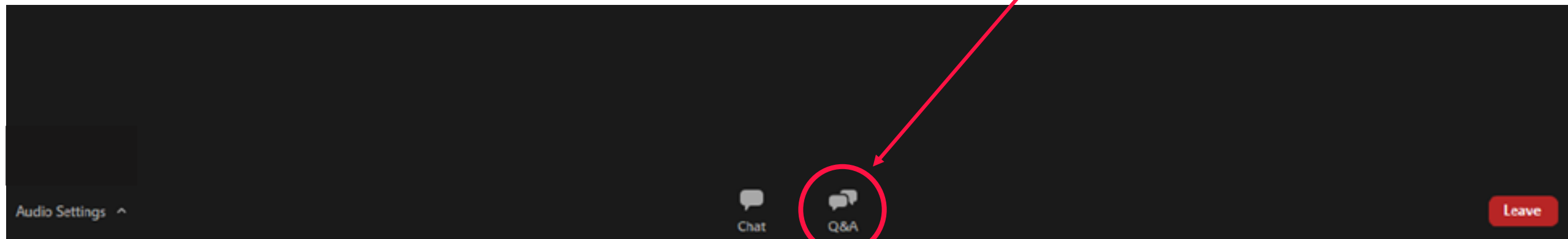
1. Welcome
2. Who we are
3. Our Stage Two proposals
 - Developed design
 - Mitigation measures and enhancement opportunities
 - Preliminary environmental information
4. Our consultation process
5. Contact us
6. Your questions



Welcome

We want to hear your questions.

- Whilst this presentation is going on, please feel free to ask any questions by clicking the Q&A icon you should see on the bottom of your screen
- At the end of the presentation, we will take the time to answer all the questions we can.
- If you have any follow-up questions, please feel free to send these to our project information lines – featured on slide 21.



Who we are

- Mallard Pass Solar Farm Ltd is a partnership between Windel Energy and Canadian Solar Inc., two companies with strong track records in delivering renewable energy developments.
- Windel Energy is a privately held company that specialises in the development and asset management of renewable energy projects and low carbon technologies, with more than 3 gigawatts (GW) of clean, renewable power and battery energy storage in various stages of development.
- Canadian Solar was founded in 2001 in Canada and is one of the world's largest solar power companies, having successfully delivered over 49 GW of solar modules to customers in over 150 countries.
- Together, Windel and Canadian have appointed a professional and highly experienced project team to provide support and expertise throughout the consenting stages of Mallard Pass.



Our vision for Mallard Pass is to support the urgent need to decarbonise our electricity system, deliver reliable and sustainable low-cost energy, enhance the local environment and be a responsible neighbour.

Our Stage Two proposals

We welcome all comments regarding Mallard Pass.



During this phase of consultation, we are particularly seeking to hear your views on our:

Developed design proposals

Mitigation measures

Proposed improvements and opportunities

Preliminary Environmental Information Report

Project boundary

- The site for Mallard Pass Solar Farm is on agricultural land either side of the East Coast Main Line near Essendine.
- The project includes a solar array, infrastructure to connect to the national grid, mitigation and enhancement measures, and other ancillary works.
- Mallard Pass has the potential to generate in the region of 350 MW of renewable, clean energy.
- Mallard Pass will be partly situated in South Kesteven, Lincolnshire (249 ha), and partly in Rutland (657 ha).

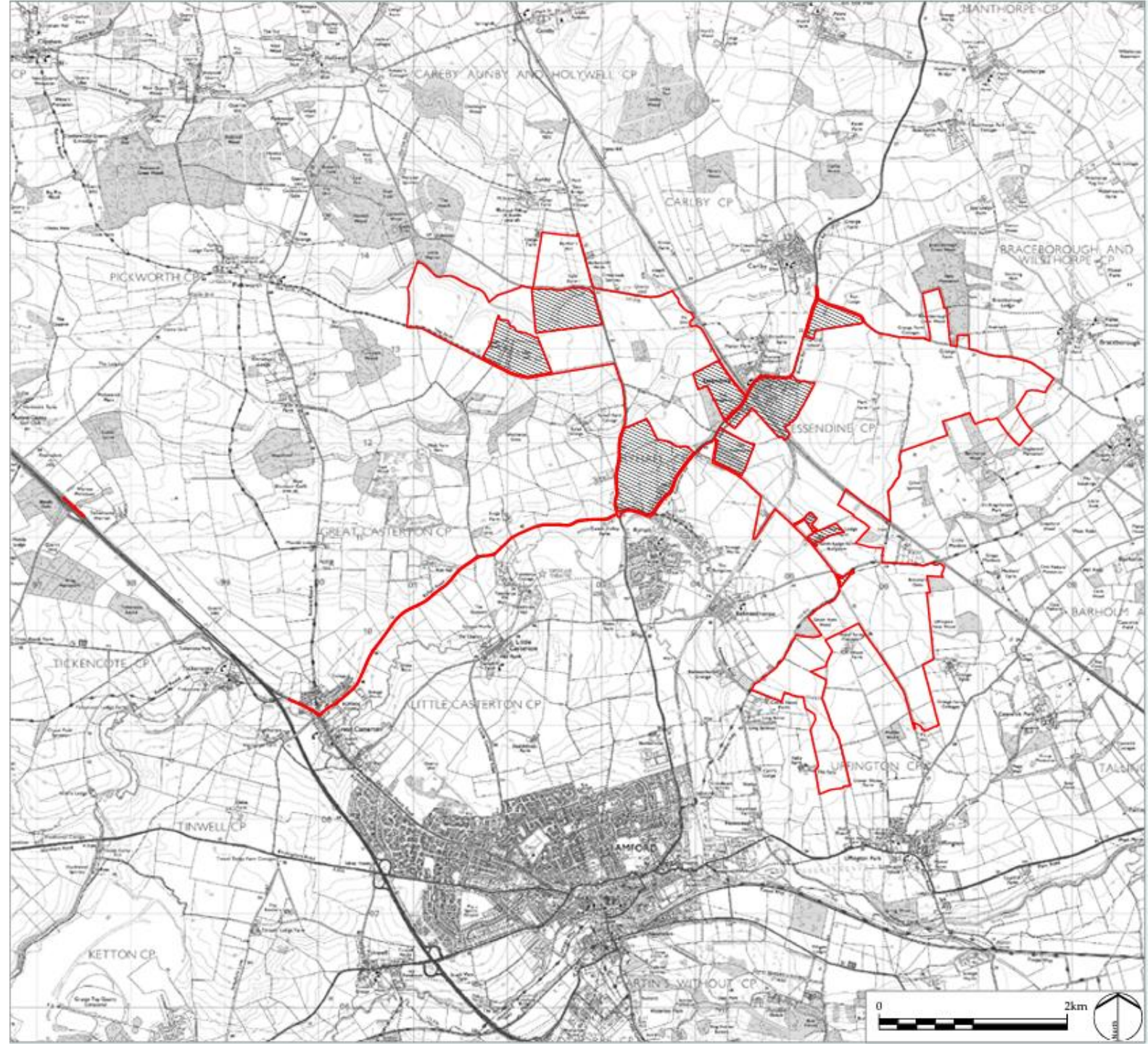
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Site boundary



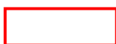




Areas outside of Site Boundary



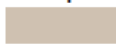



Stage One design

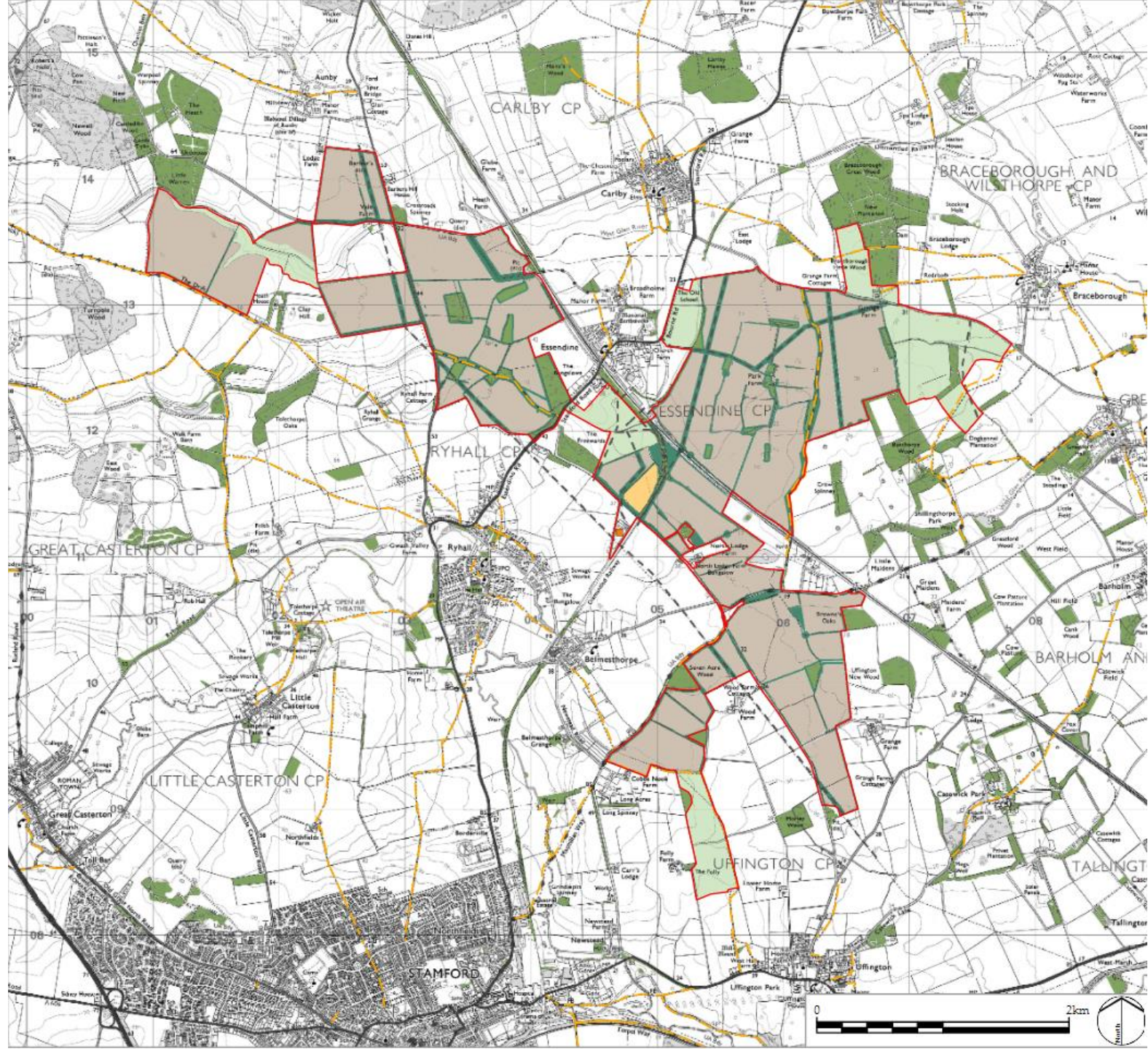
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Site Features

-  Site boundary
-  Existing Utilities (gas, water, sewer and electricity)
-  National Grid Ryhall Substation
-  Public Right of Way
-  Woodland, hedgerows, trees, field boundary and ditches

Concept Masterplan Proposals






-  Solar PV Site
-  Mitigation and Enhancement Areas
-  Primary Onsite Substation
-  Buffers to woodland, trees, hedgerows, ditches, utilities and Public Rights of Way




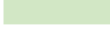


Stage Two design

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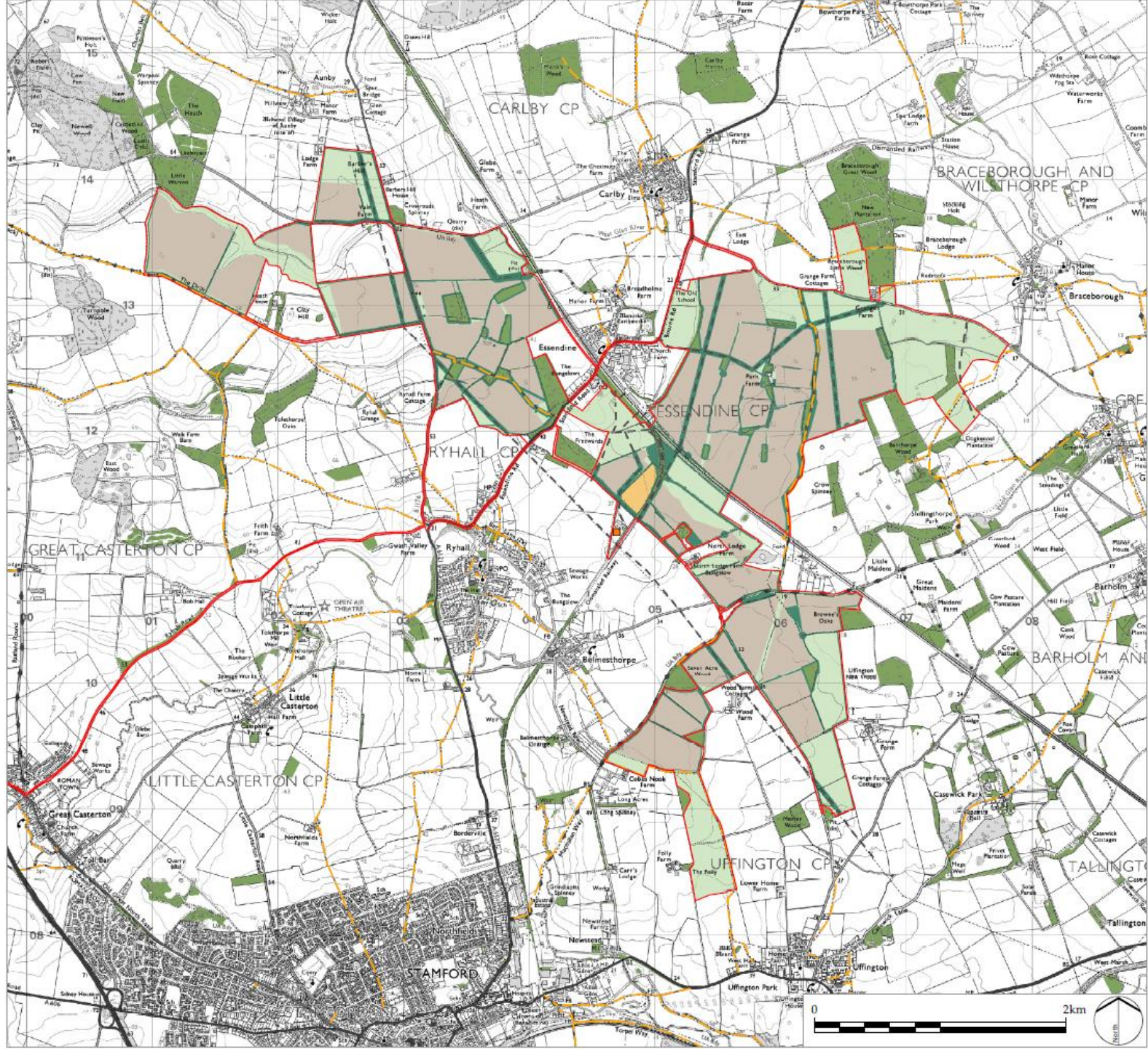
Site Features

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Feature	Approx. site area
Solar array and connection infrastructure (the solar PV site)	463 hectares
Areas for mitigation and ecological improvements (including existing woodland/hedgerows and associated offsets and continued agriculture)	420 hectares
Areas to allow for potential improvement works for accessing the developed area	23 hectares
Total site	906 hectares



Design development

Key Design Principles

- Offsets from residential properties.
- Visual screening through existing hedgerows and new planting.
- Ecological mitigation and enhancement.
- Recreational amenity opportunities.

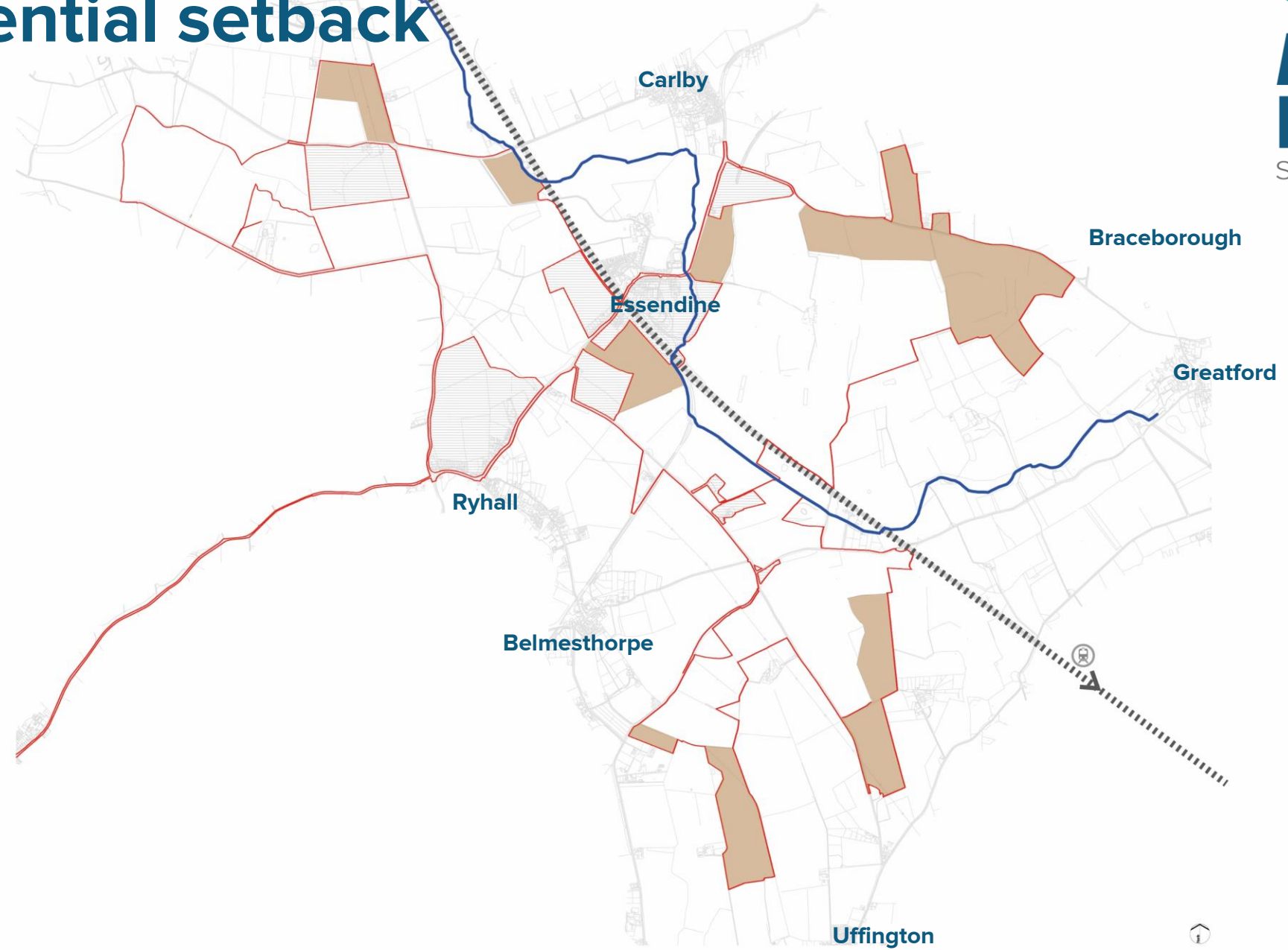
Stage One Consultation

- Greater residential setbacks.
- More habitat creation.
- Retain more land in agricultural production.

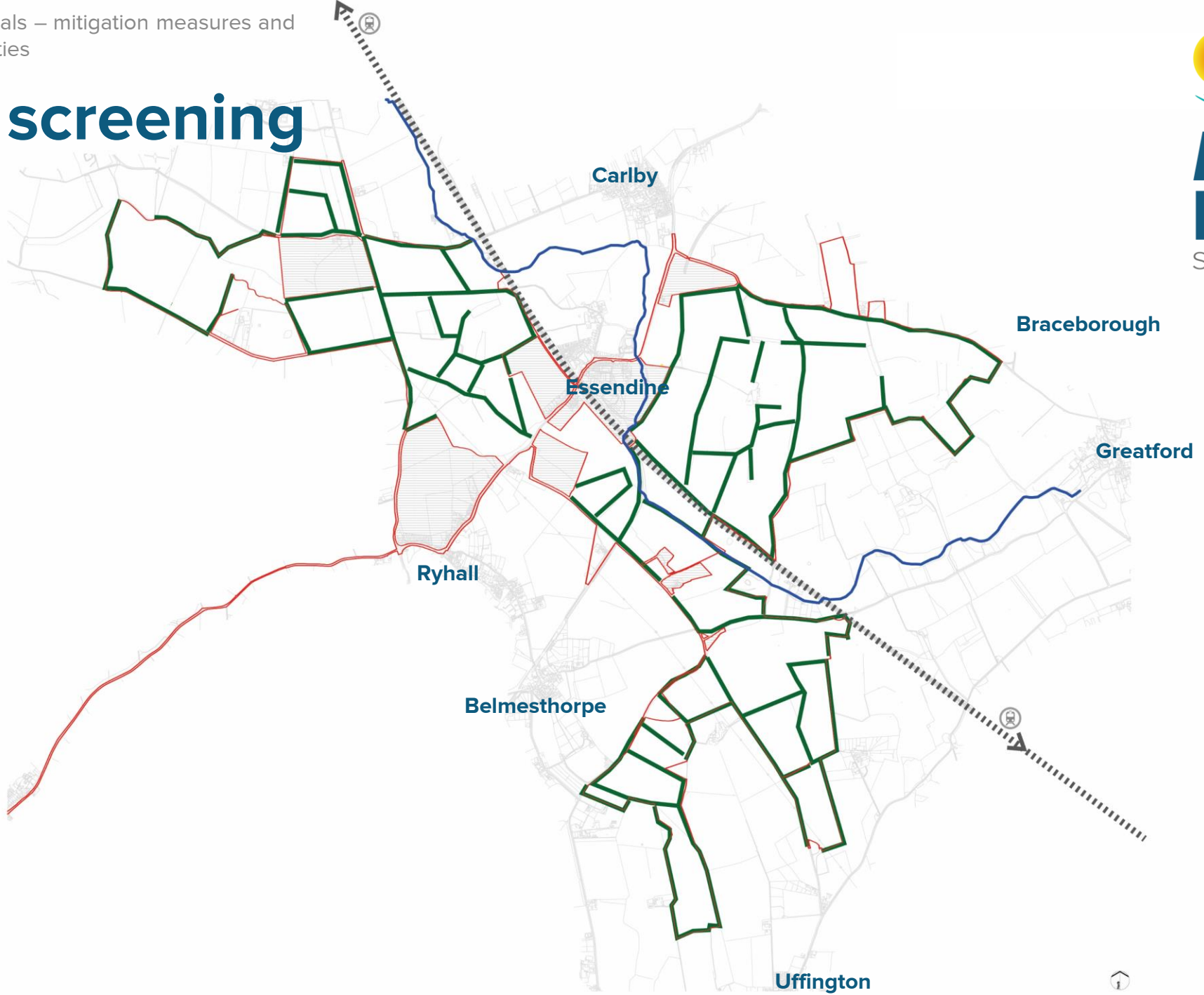
Stage Two Consultation

- The Stage Two design is not fixed.
- There remains the opportunity to shape the design.
- We will listen and have regard to all responses to our Stage Two consultation.

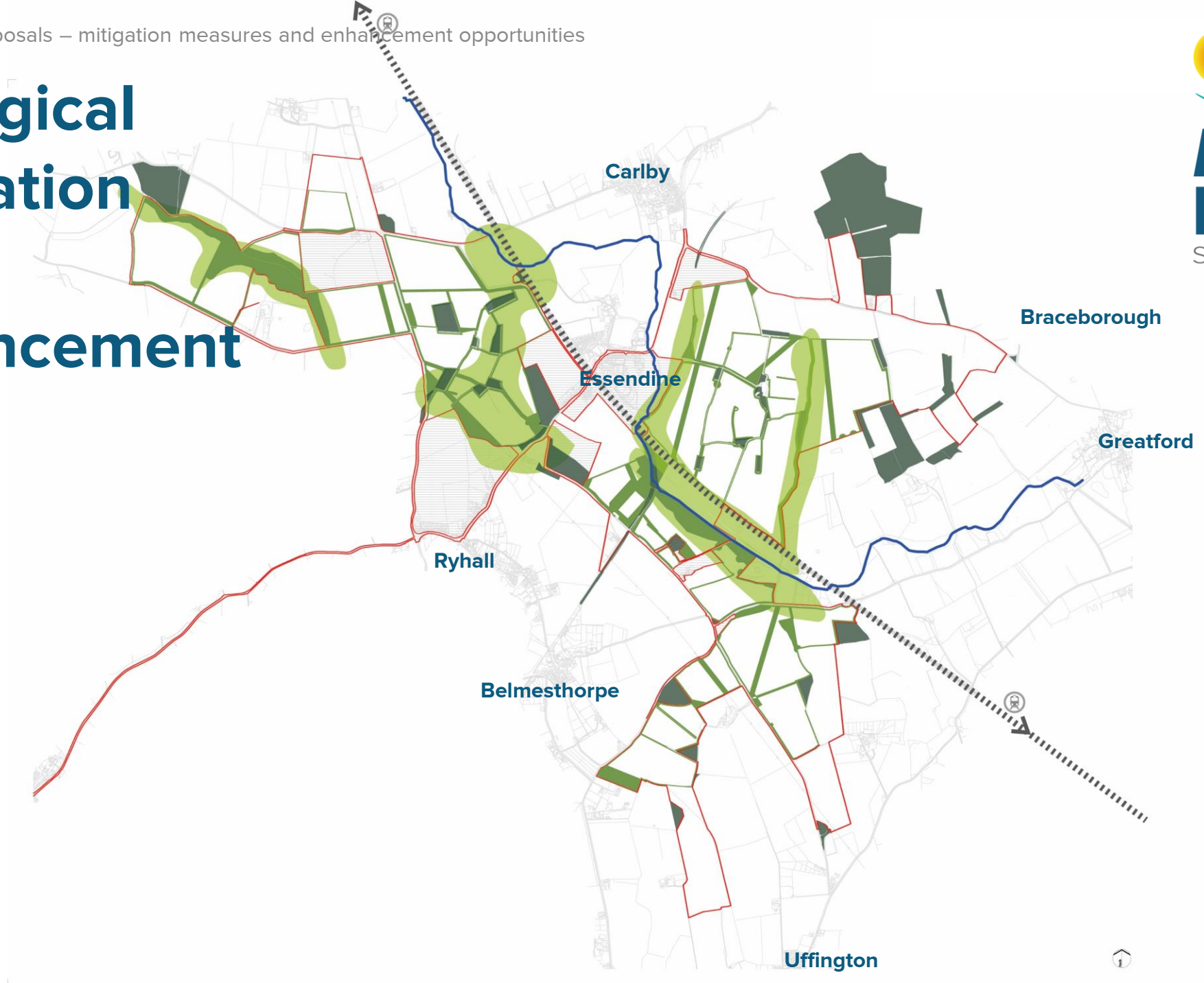
Residential setback



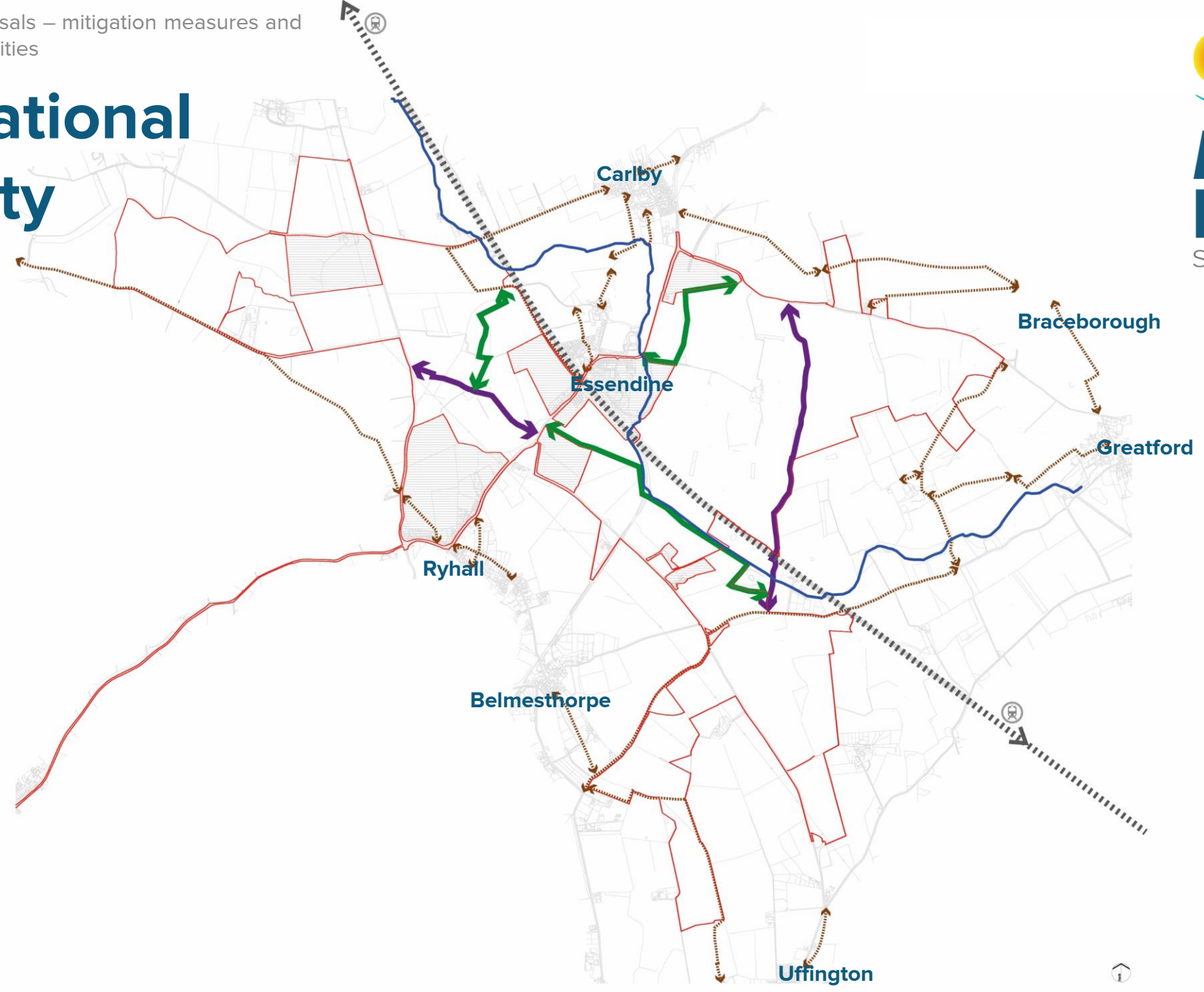
Visual screening



Ecological mitigation and enhancement





Recreational amenity




Proposed layout




 Proposed hedgerows and tree belts will be located within the proposed buffers and potential mitigation and enhancement areas.

 Approx. 4.7 km of new permissive paths have been introduced across the Site. These connect to existing paths within and beyond the Site area.

 Panels will be set back by a min. distance of 15 m either side from any PRoWs (which will also apply to new permissive paths), Ancient Woodland and woodland, Local Wildlife Sites (LWS) and Sites of Special Scientific Interest (SSSIs).


 The area for solar development has decreased from approx 570 ha at Stage One to approx. 463 ha. Around 420 ha of the Site area will be for ecological mitigation and enhancement or retained as woodlands, hedgerows and agricultural land.

 The updated design supports the West Glen River in its vital role as an ecological corridor. This will conserve and enhance its biodiversity and strengthen it as a link between habitats for different species.











 Some areas of road have been identified where improvement works may be required to allow Site access.

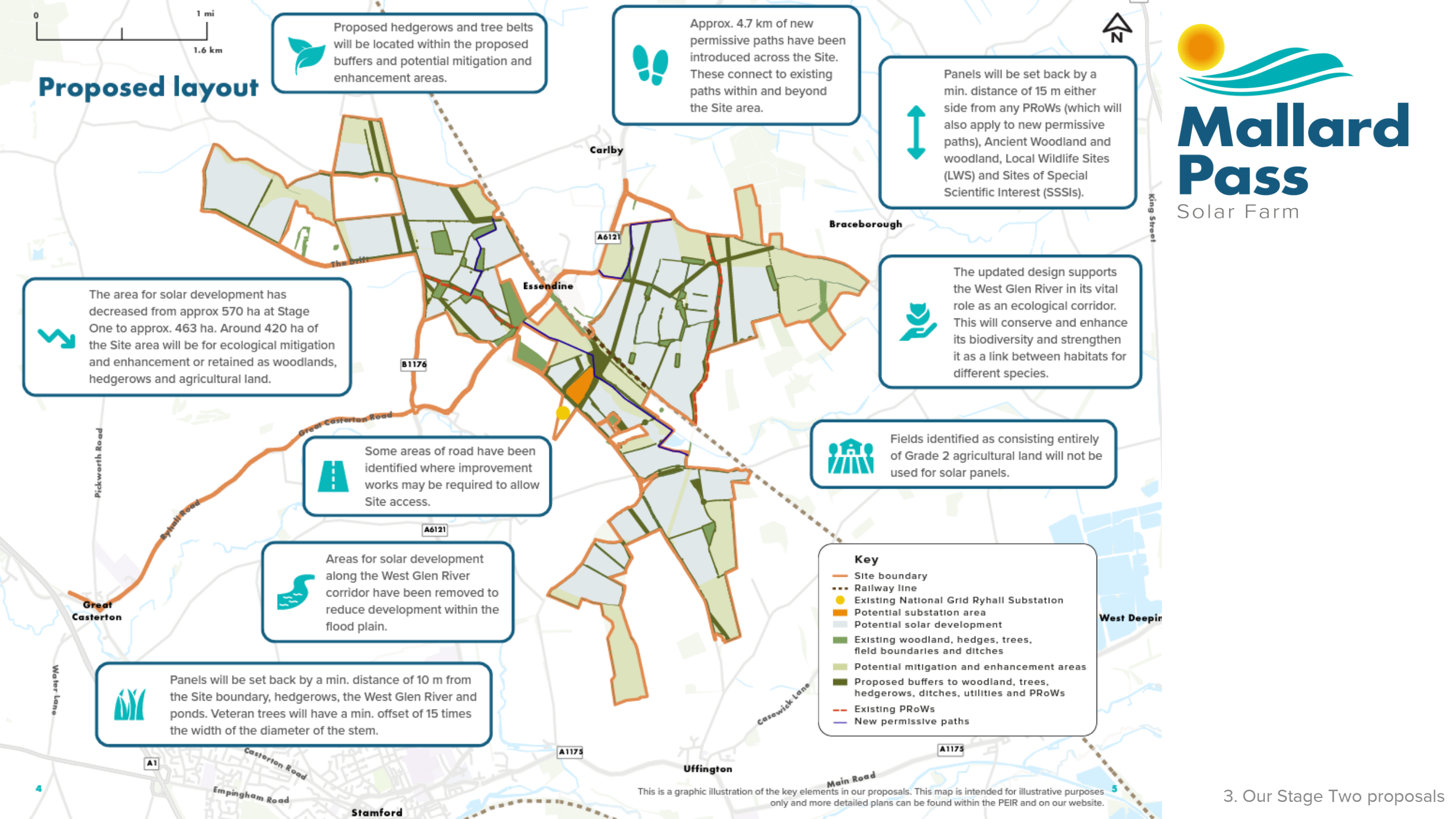
 Fields identified as consisting entirely of Grade 2 agricultural land will not be used for solar panels.

 Areas for solar development along the West Glen River corridor have been removed to reduce development within the flood plain.

 Panels will be set back by a min. distance of 10 m from the Site boundary, hedgerows, the West Glen River and ponds. Veteran trees will have a min. offset of 15 times the width of the diameter of the stem.

Key


-  Site boundary
-  Railway line
-  Existing National Grid Ryhall Substation
-  Potential substation area
-  Potential solar development
-  Existing woodland, hedges, trees, field boundaries and ditches
-  Potential mitigation and enhancement areas
-  Proposed buffers to woodland, trees, hedgerows, ditches, utilities and PRoWs
-  Existing PRoWs
-  New permissive paths



This is a graphic illustration of the key elements in our proposals. This map is intended for illustrative purposes only and more detailed plans can be found within the PEIR and on our website.

Stage Two design


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 Site Boundary


 Existing Woodland


 Existing Hedgerow / Verge


 Existing Watercourse / Drain


 Public Right of Way

Proposed Design / Proposed Development Features


 Proposed Tussock Grassland with Wildflowers


 Proposed Wildflower Grassland with Calcareous Species

 Proposed Grazed Grassland

 Proposed Screening / Structure Planting Woodland Copse


 Proposed Scattered Woodland and Wetland Planting


 Proposed Screening / Structure Planting Tree Belt

 Proposed Screening / Structure Planting Hedgerows

 Proposed Access Point and Internal Track

 Proposed Primary Onsite Substation

 Proposed Permissive Footpath

 Proposed Feature (e.g. Interpretation Board / Bench / Ecological Habitat)

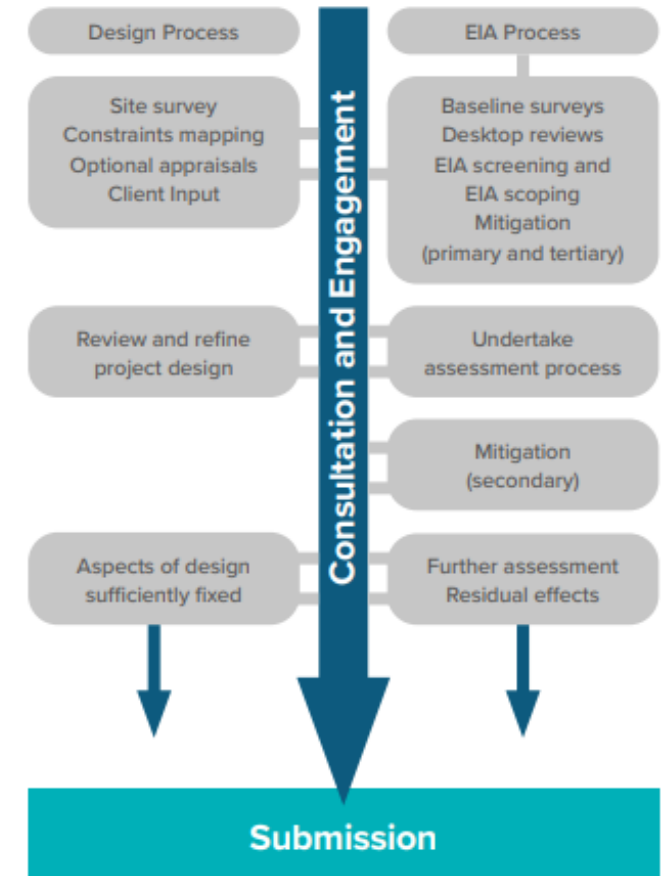
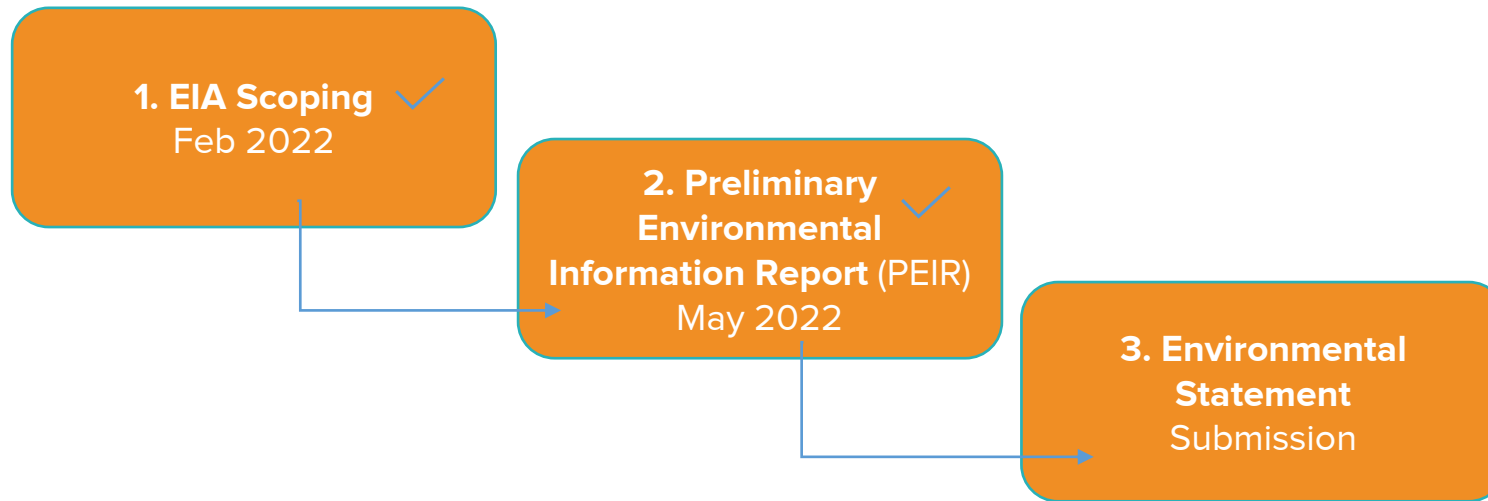
 Proposed PV Arrays and Central Inverter / Transformers



Environmental Impact Assessment (EIA) and environmental information

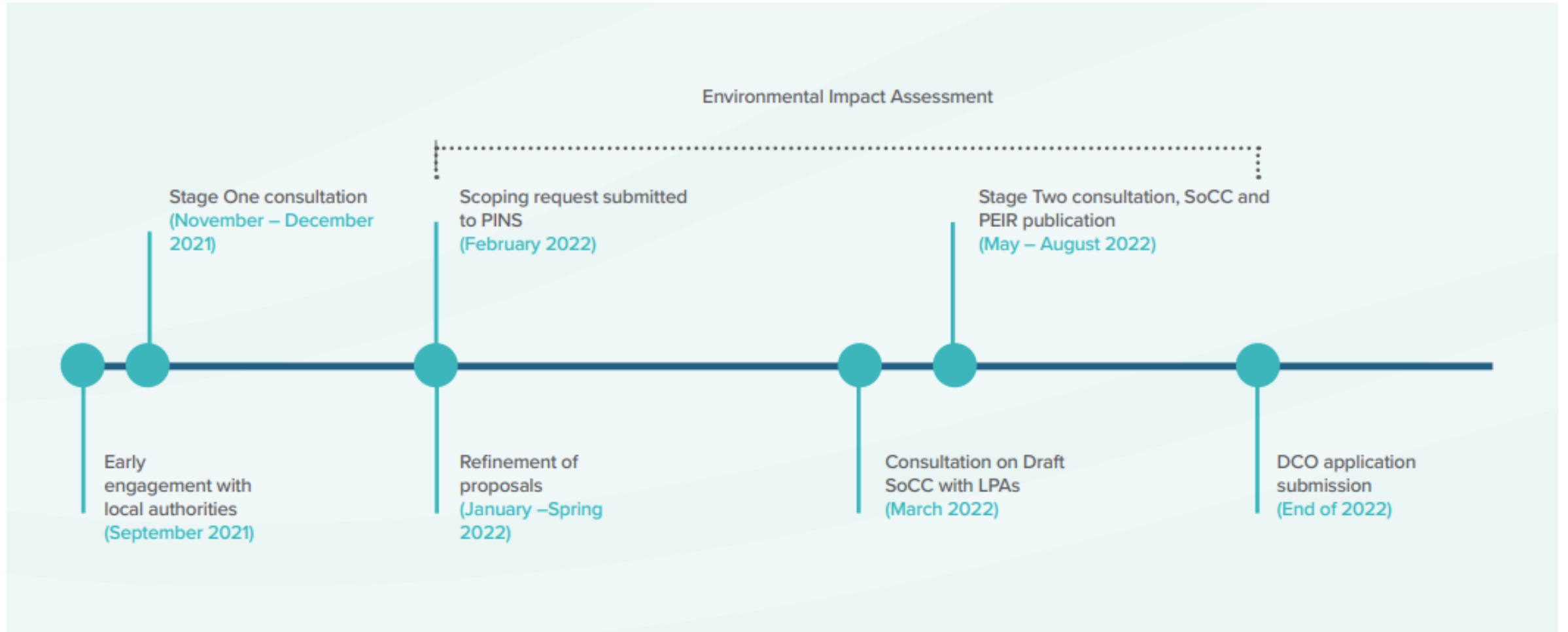
Mallard Pass is an EIA development and requires the assessment of the development's likely significant effects on the environment.

The EIA process for projects like Mallard Pass is broken down into 3 steps:



The design of Mallard Pass is an iterative process and will continue to develop through consultation. The final design parameters will be considered in detail by environmental and technical specialists, who will also review and update the impacts of the development, and appropriate mitigation requirements.

Our consultation process



Stage Two Statutory Consultation



Timing

- 26 May – 04 August
- Ten weeks

Publicity

- SoCC
- Leaflet mail out to Core Consultation Zone
- Newspaper notices and adverts
- Local Information Points
- Stakeholder briefings
- Online updates
- Social media
- Digital mailing list

Content

- Developed design proposals
- Suggested mitigation measures
- Proposed opportunities
- Associated environmental information (PEIR)

Materials

- Community Leaflet
- Main Consultation Document
- Website and virtual exhibition
- PEIR
- PEIR NTS
- Feedback Form

Accessibility

- Information will be shared online, through information events, and at Community Access Points.
- Feedback invited through website, communications channels (email and Freepost), and events.

Community Access Points (CAPs)



Essendine Village Hall

Bourne Road
Essendine
Stamford
PE9 4LQ

Stamford Arts Centre

27 St Mary's Street
Stamford
Lincolnshire
PE9 2DL

Ryhall Library

Coppice Road
Ryhall
Rutland
PE9 4HY

Contact us

We want to keep you informed and hear your views on Mallard Pass Solar Farm.



Please do not hesitate to contact us if you would like to find out more information about Mallard Pass Solar Farm and our associated consultation programme.

You can contact members of our stakeholder engagement team and find out more using any of our project-dedicated communications lines listed below.



Email: info@MallardPassSolar.co.uk



Freephone information line: 0808 196 8717



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Visit our website: www.MallardPassSolar.co.uk



Your questions

Thank you for attending our webinar.