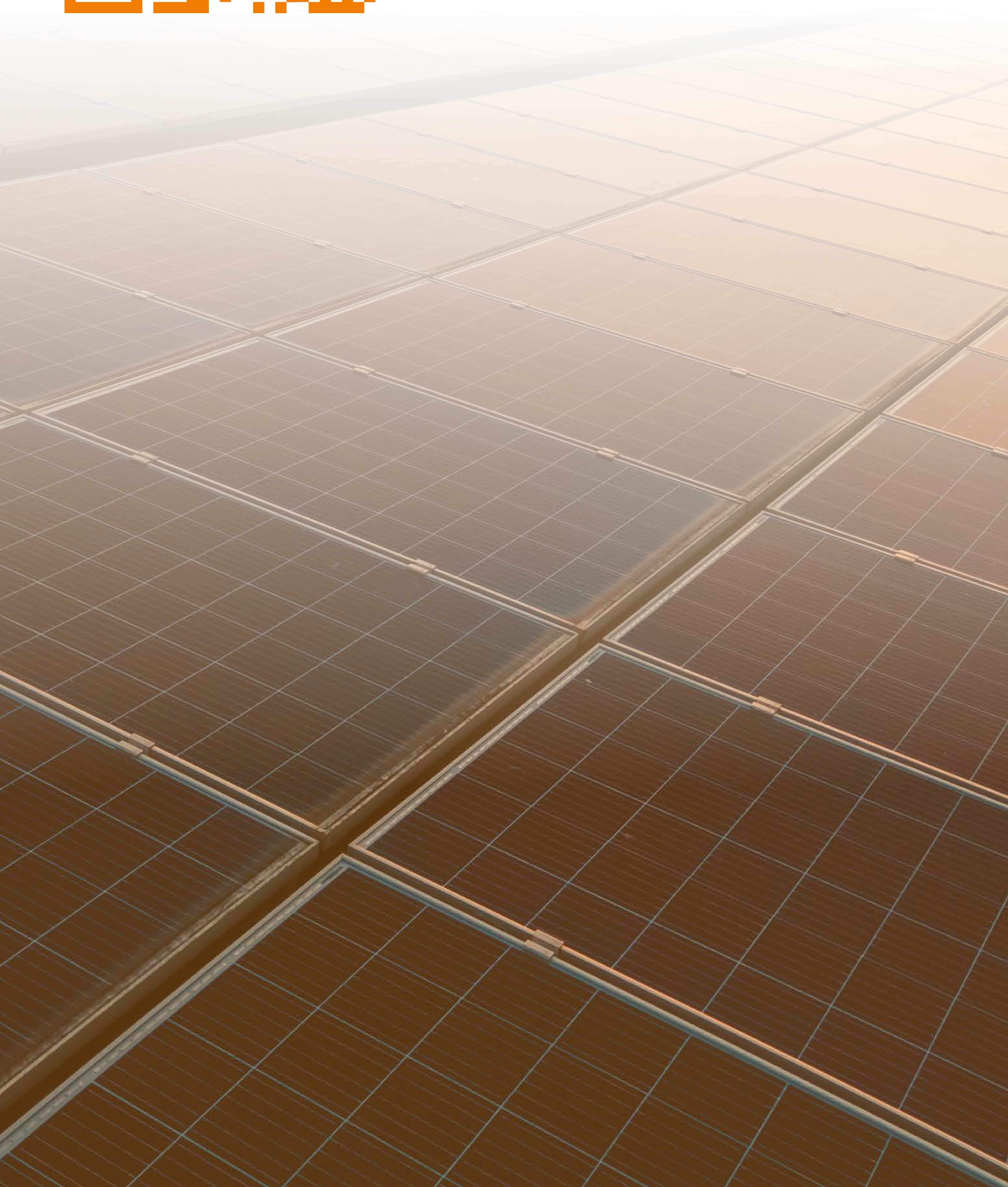


# Welcome to our information event for Frodsham Solar

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Thank for attending today's event. Please have a look around and speak to members of our team. Remember to please fill in a feedback form so that we can record your views.

You can scan the QR code below to visit our website ([www.frodshamsolar.co.uk](http://www.frodshamsolar.co.uk)). Here you can access information on our proposals and provide your comments through an online feedback form.



# Frodsham Solar

We are excited to introduce Frodsham Solar, a solar farm with energy storage situated north of Frodsham in Cheshire.

## Who We Are

Peel Cubico Renewables is a Joint Venture partnership between natural resources and energy business Peel NRE and global renewable energy company Cubico Sustainable Investments (Cubico).

Peel NRE, part of Peel L&P, is at the heart of the nation's activity around clean growth and the circular economy - helping the UK achieve net zero by 2050 and supporting regions in their actions to achieve climate emergency targets.

Cubico has nearly 3 Gigawatts (GW) of renewable energy projects installed across 12 countries in Europe, the Americas and Australia, with around 3 GW in construction and development. It brings expertise in financing, route to market, construction and operation.

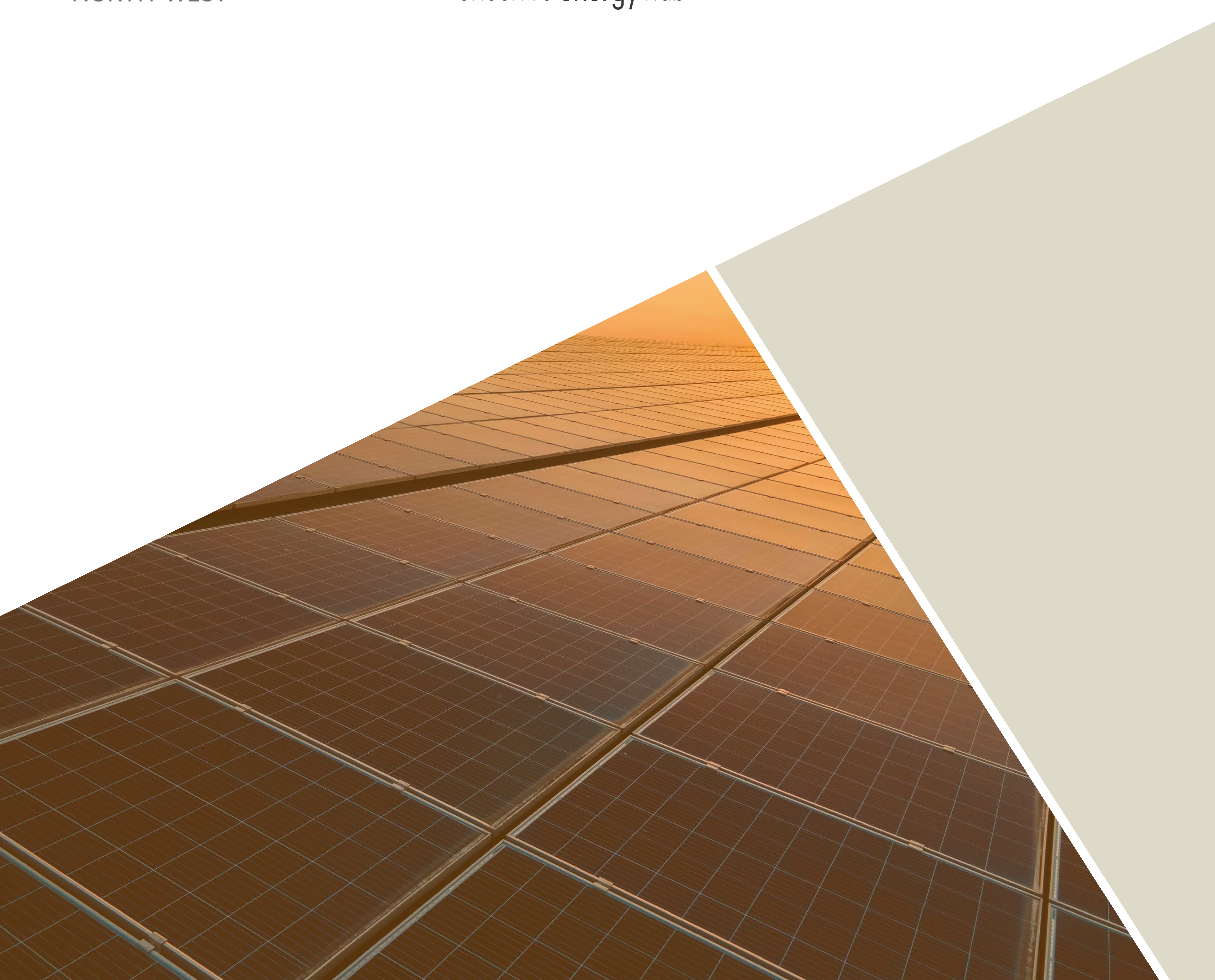
**Our Mission** is to accelerate change to combat the climate crisis.

Our aim is to provide a significant amount of clean renewable electricity for businesses and homes in the region. In doing so, Frodsham Solar supports national and regional aims to decarbonise our electricity systems and bolster our energy security.

Frodsham Solar could support:

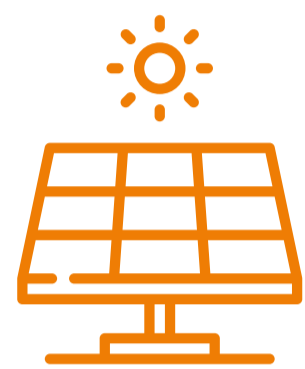


Invest Net Zero Cheshire



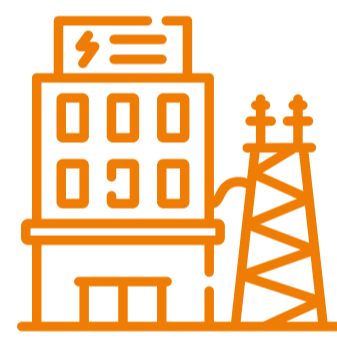
# Why Here?

Frodsham Solar would be situated at the heart of the Cheshire's Energy Innovation District, a corridor of industry providing and developing a mix of secure, low carbon and lower cost energy technologies, including wind and hydrogen.



Frodsham Solar would sit centrally within the **Energy Innovation District**, enabling Frodsham Solar to produce power in an area that currently consumes around 5% of the UK's energy.

The North West industrial area is one of the largest emitters of carbon dioxide, and so the UK government has prioritised the need to decarbonise the sector.



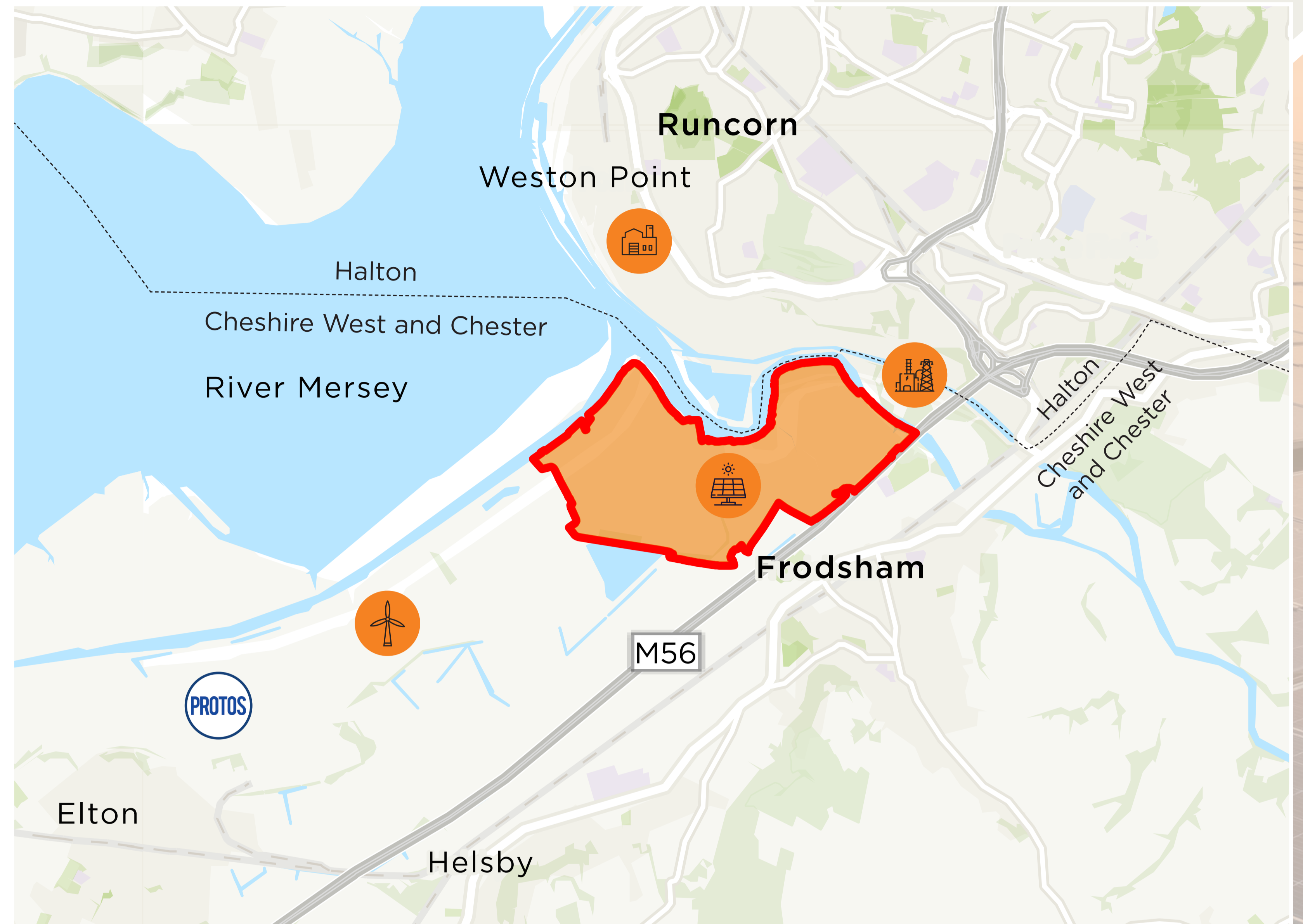
Frodsham Solar would support both the **Net Zero North West Industrial Cluster** and **Invest Net Zero Cheshire** through meeting targets and allowing for direct power to local businesses.

A range of environmental and technical factors indicate the site is a suitable location for a solar farm. These include the topography (being relatively flat), existing land uses being compatible, presence of low-grade agricultural land, our understanding of potential environmental constraints, and existing access for construction vehicles which avoids residential areas.








Frodsham Solar sits within an area of existing infrastructure, including Frodsham Wind Farm, and bordered by the M56, Mersey Estuary, River Weaver and the Manchester Ship Canal.

The site is also in close proximity to the grid connection at the existing Frodsham Substation, located adjacent to the site across the River Weaver, and clusters of local industry which are significant regional users of energy. This allows us to easily supply renewable electricity to where it is needed.



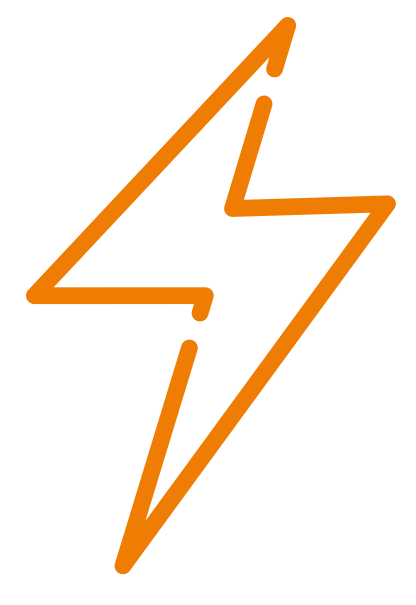
**Frodsham Solar Site Location Map**

## Key

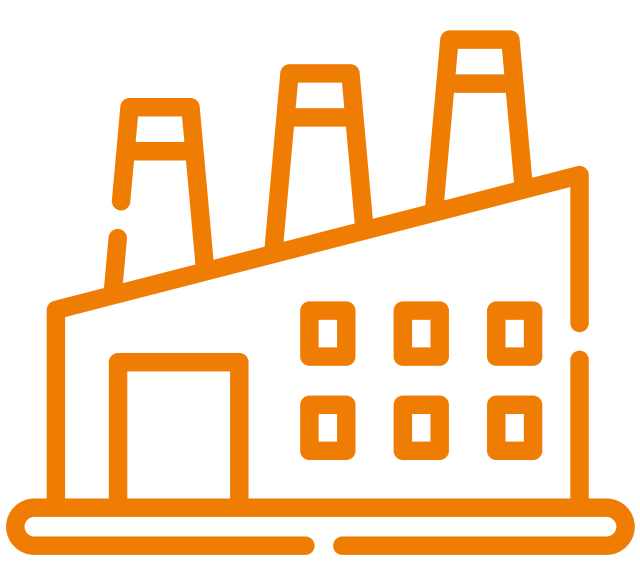
-  Frodsham Solar
-  Frodsham Substation
-  Protos
-  Local Industry
-  Western Cluster of Frodsham Wind Farm

# The Opportunity

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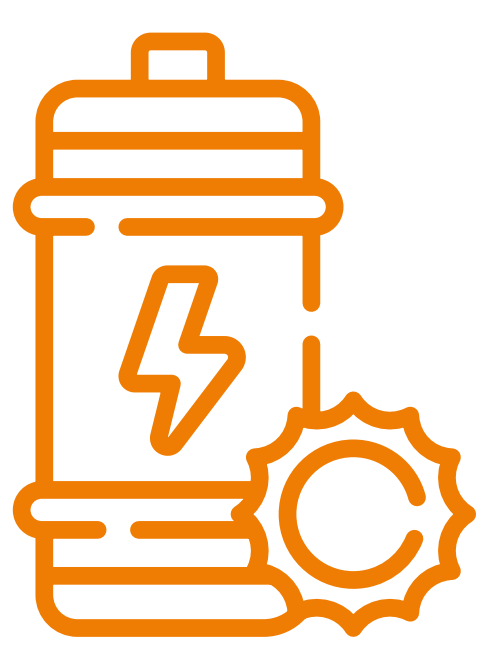
Current proposals for Frodsham Solar have an indicative capacity of around 150 MW.



Frodsham Solar could directly **power local industry** through new individual connections.



Frodsham Solar will be able to export up to 100 MW of **clean, reliable, home-grown electricity** to the local distribution network. For context, 100 MW is enough power for 34,000 homes<sup>1</sup>.



Frodsham Solar will be located alongside other renewable and low carbon technologies, such as Frodsham Wind Farm, and the proposals include energy storage to allow for the electricity generated by the panels to be stored and distributed when it is needed, **increasing the resilience of our energy supply.**



Frodsham Solar could provide opportunities for **enhanced public access and recreation.**



Frodsham Solar could **boost local biodiversity** such as by establishing wildflower areas that provide habitats for pollinators and birds, enhancing wetland habitats and restoring hedgerows and native species.



Frodsham Solar could help **support the delivery of the world's first net zero industrial cluster**, increasing job opportunities as a result of a local low-carbon green economy.

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<sup>1</sup>Based on Ofgem's figure of a medium UK house having a typical annual electricity use of 2,900 kWh.



# Frodsham Solar and the Community

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We are committed to working proactively with the local communities within which we operate.



Frodsham Solar will be accompanied by a **tailored package of benefits contributions** for the local community.

To make this happen, we will:

- Engage early, often, and consistently
- Listen to and respect everyone's views
- Forego formulaic approaches
- Foster ideas and commitment
- Encourage local governance of any funds

We want to hear your thoughts and ideas about how a community benefits package could contribute to the local community.

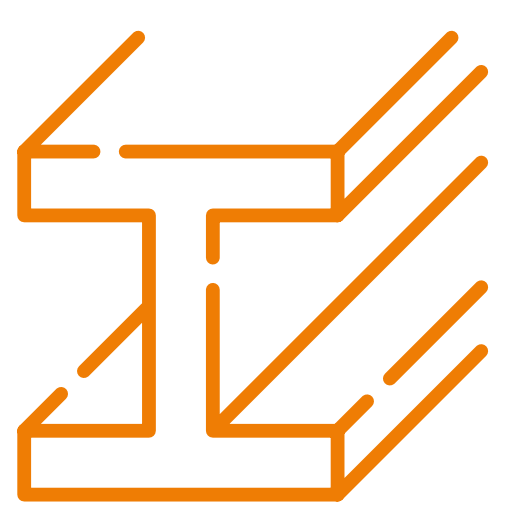
You can find out more about our commitment to community involvement on Peel Cubico Renewables' website: <https://peelcubico.co.uk/communities>

# Our Design Principles

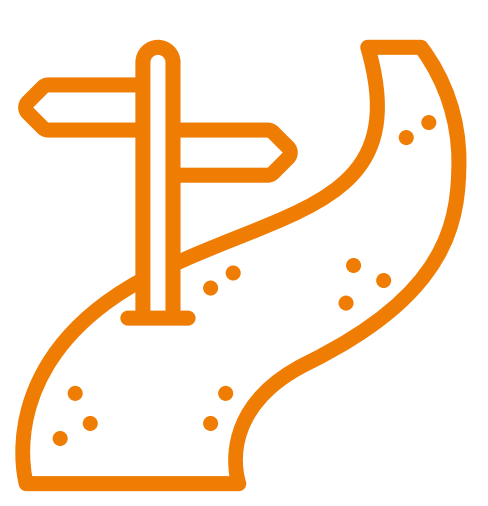
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We want to ensure that the project is sensitively designed in response to its surroundings. As such, our team has established a number of design principles that will guide our design and mitigate potential environmental impacts.

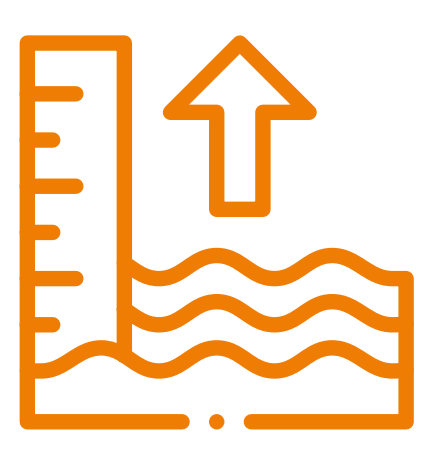
Our design principles include:



Minimising the use of non-recyclable materials such as concrete, instead using recyclable materials such as steel.



Including a minimum distance between existing and potential public rights of way to protect and preserve access to and across the site.



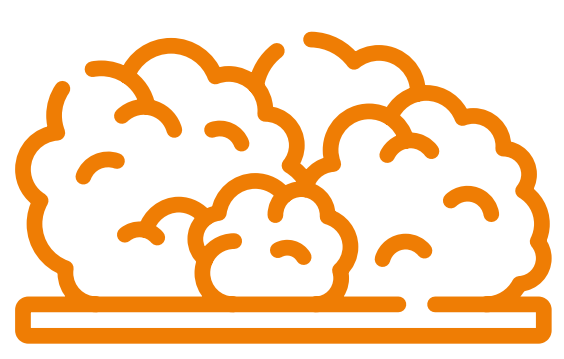
Siting all critical infrastructure either away from any areas in Flood Zone 3, or site the infrastructure above flood levels.



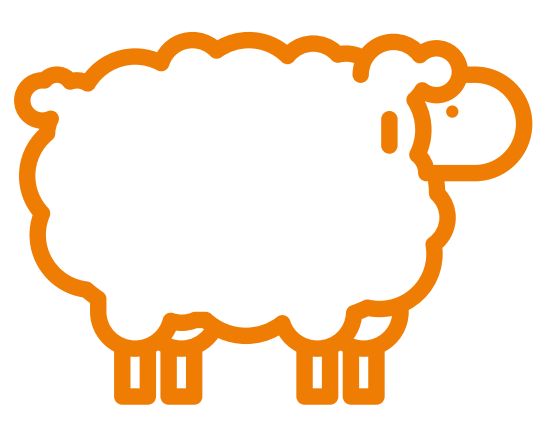
Utilising existing ditch crossings and gaps in hedges for access where possible.



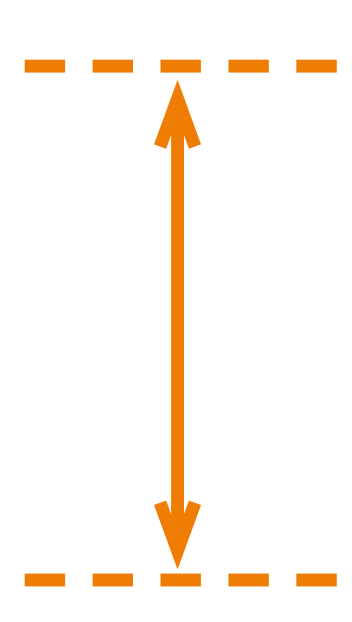
Managing the movement of traffic sensitively to avoid the village of Frodsham, utilising the existing Protos and Frodsham Wind Farm access roads and some of the access points.



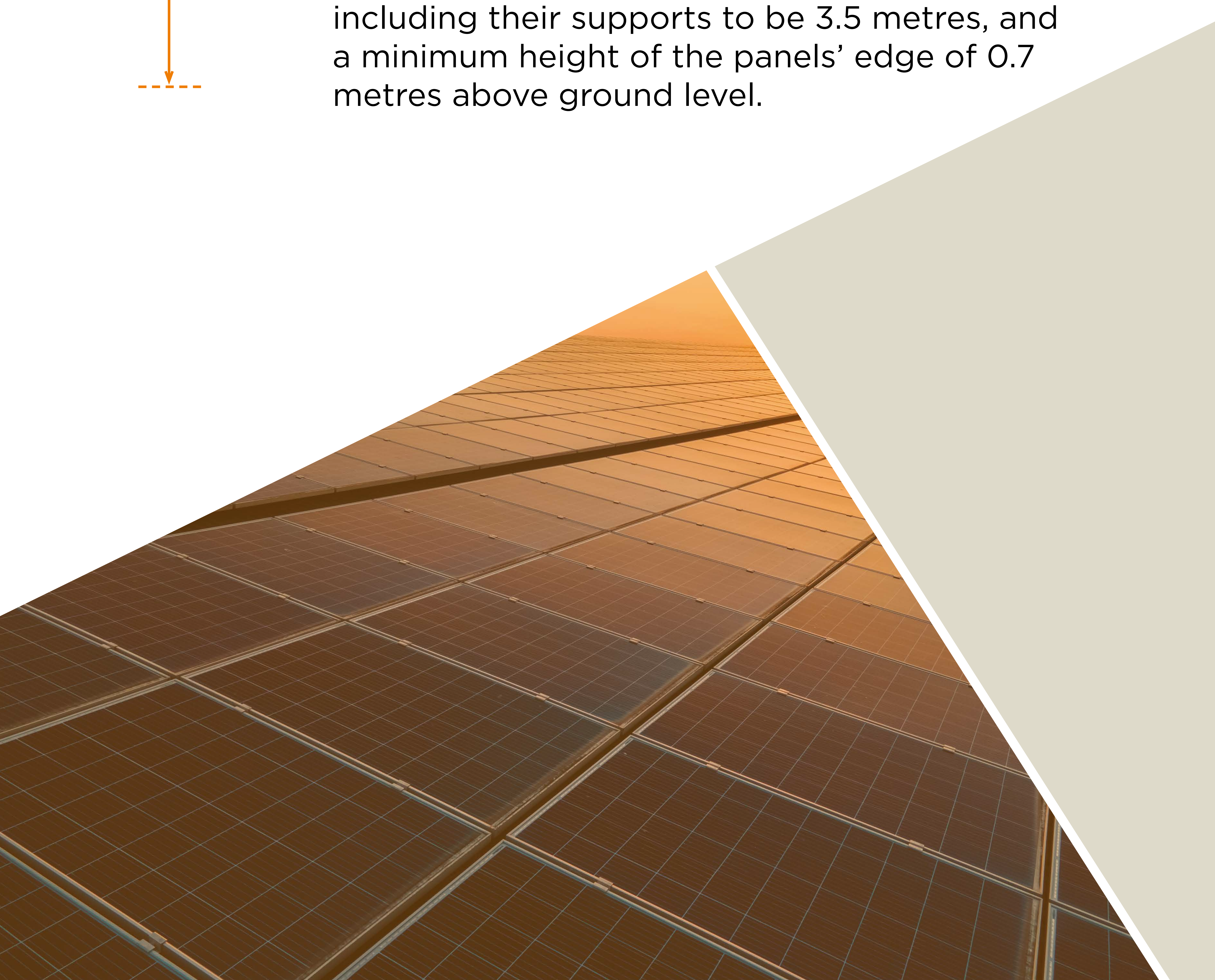
Retaining existing hedgerows and ditches where possible, as well as implementing additional screening where appropriate. Some small sections of hedgerow may be removed for cable crossings.



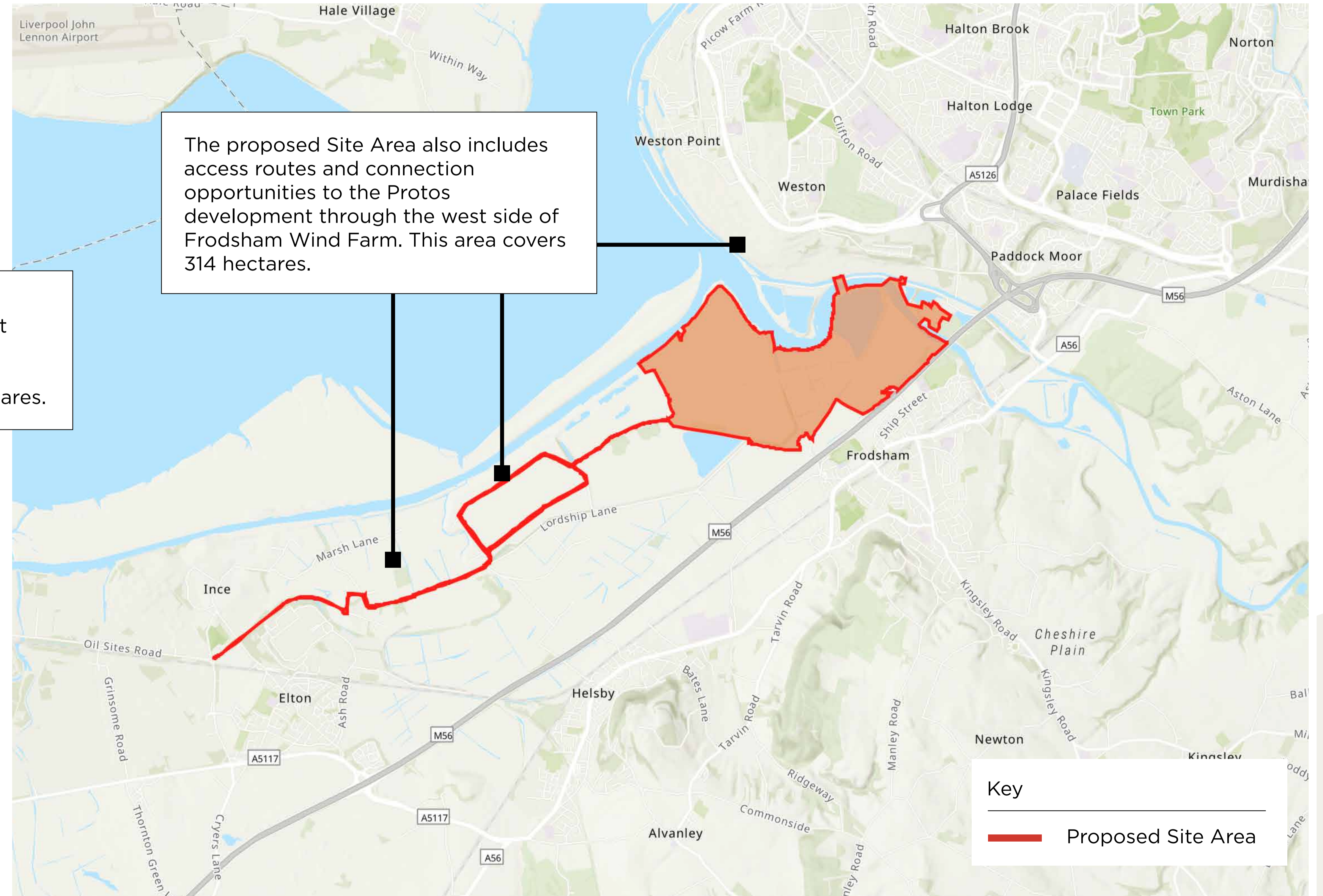
Exploring continued agricultural practices on site such as sheep grazing.



Assuming a maximum height of the panels including their supports to be 3.5 metres, and a minimum height of the panels' edge of 0.7 metres above ground level.

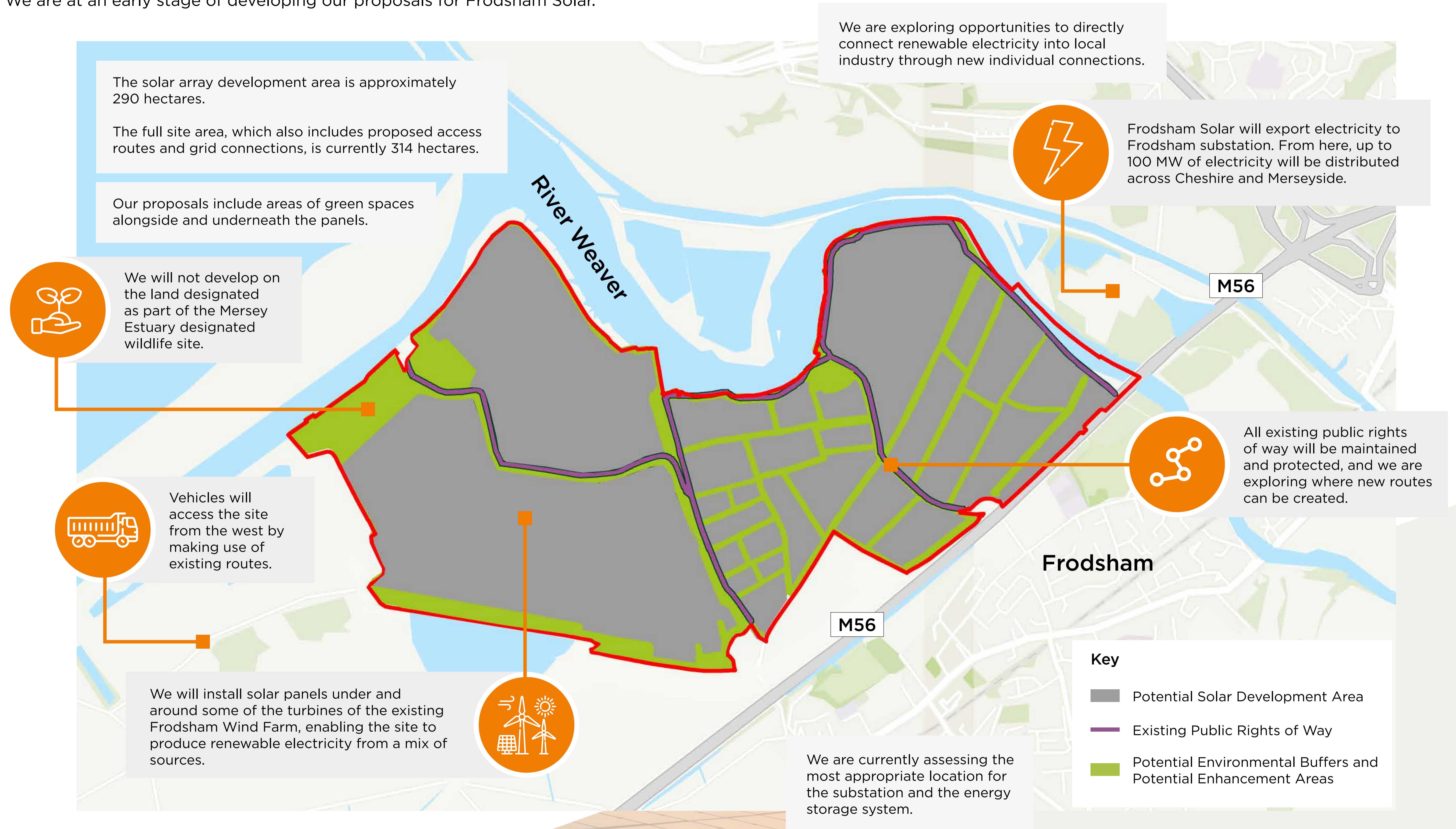


# Proposed Site Area



# Our Proposals

We are at an early stage of developing our proposals for Frodsham Solar.





# Environmental Impact Assessment (EIA)

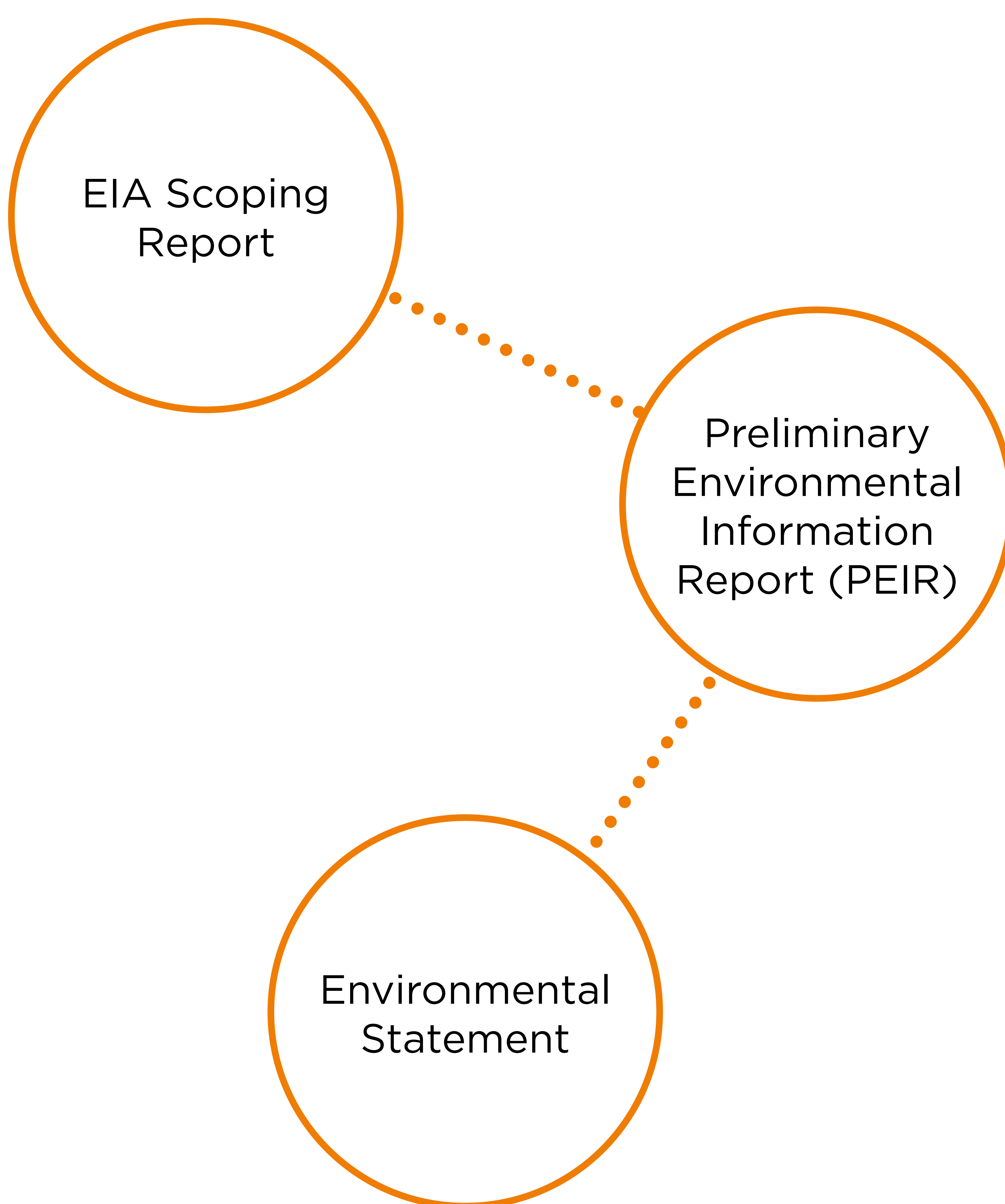
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A thorough Environmental Impact Assessment (EIA) will be carried out for Frodsham Solar.

The EIA consists of environmental surveys such as assessing the quality of the land, landscape and visual impacts and the impact on local ecology and wildlife.

We have been carrying out environmental assessments since the start of the year and these remain ongoing. The initial findings of the assessments will be published in the project's Preliminary Environmental Information Report (PEIR), which will be shared as part of our second phase of consultation, anticipated for the end of 2023.

These assessments will ensure that impacts of the scheme are well understood and adverse impacts are appropriately mitigated. The assessments will also identify the opportunity to enhance the quality of environmental features within the site.



# The DCO Process

Frodsham Solar is classed as a Nationally Significant Infrastructure Project (NSIP) given the amount of clean renewable electricity that the project will be able to generate. If the application is successful, it will be given a Development Consent Order (DCO).

The final decision of whether the project gets consent will be decided by the relevant Secretary of State.

Whilst Frodsham Solar will not be decided by Cheshire West and Chester Council or Halton Borough Council, they will both be important consultees. The DCO process is thorough and requires us to demonstrate how the project has undertaken meaningful consultation and extensive environmental assessments. Local councils, councillors and the community play a vital role in the pre-application process, and we are committed to engaging openly throughout.

We are undertaking an iterative consultation process for Frodsham Solar. The feedback and information we receive will help inform the design of the project. We have recently published our Statement of Community Consultation (SoCC) which provides further detail on how we plan to consult with the local community and can be found on our website: [www.frodshamsolar.co.uk](http://www.frodshamsolar.co.uk)

For further information on the DCO application process, please see here: <https://infrastructure.planninginspectorate.gov.uk/application-process/the-process/>

## Stages of the NSIP application process

- 1 Pre-Application ← **WE ARE HERE**
- 2 Acceptance
- 3 Pre-examination
- 4 Examination
- 5 Recommendation and Decision
- 6 Post Decision



# Indicative Project Timeline

**Early Summer 2023:**

Publication of Statement of Community Consultation (SoCC).

**Early Summer 2023:**

Public communication of proposals and opening of communications channels.

**Summer 2023:** Phase One consultation on initial proposals.

**Summer 2023:** EIA Scoping Report and Opinion.

**Autumn 2023:** Feedback analysis, interim reporting and ongoing engagement.

**Winter 2023:** Phase two consultation on more detailed proposals and Preliminary Environmental Information Report (PEIR).

**Spring 2024:** DCO Application & PINS Acceptance decision.

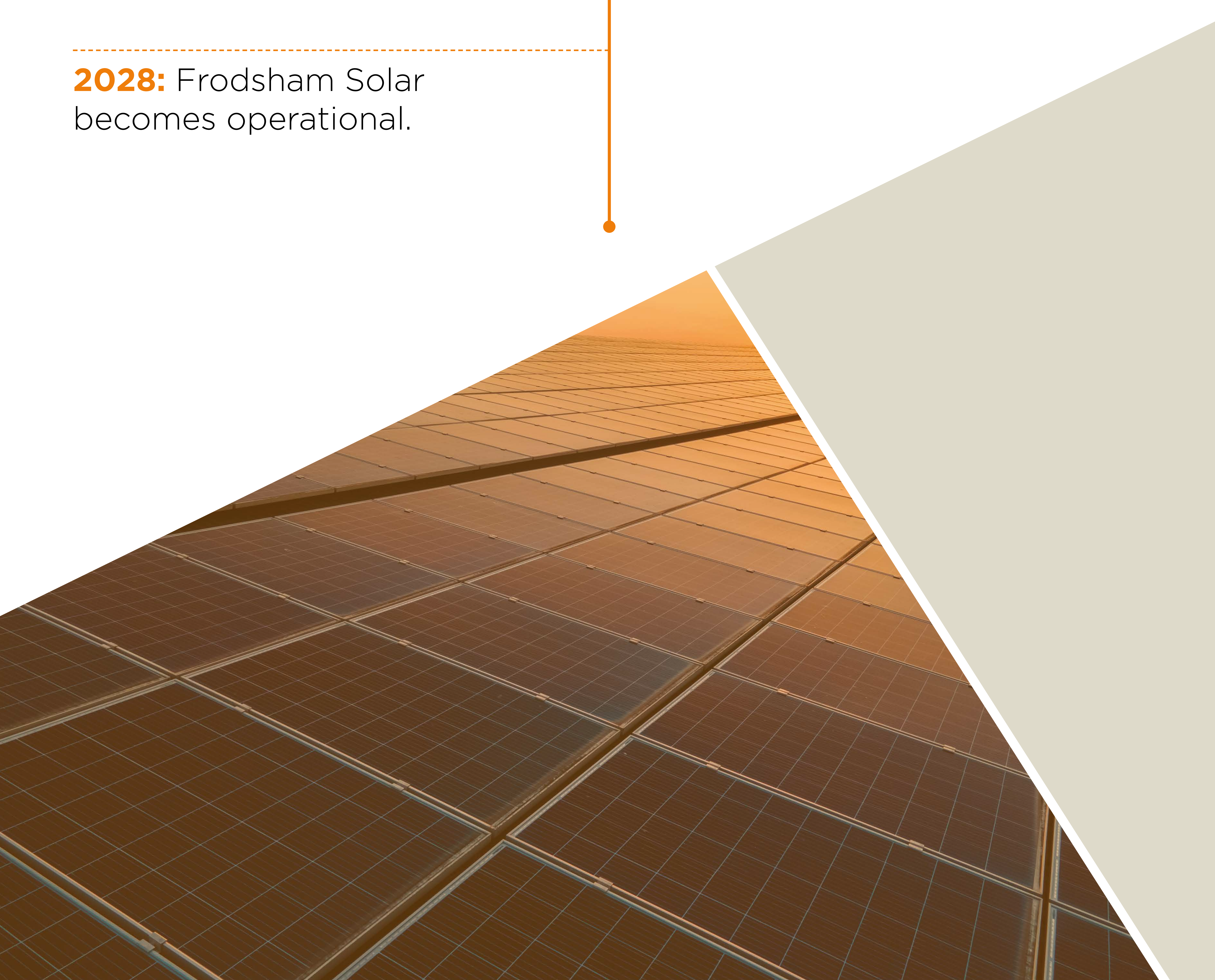
**Summer 2024 - Spring 2025:** PINS Examination.

**Autumn 2025:** Secretary of State Decision.

**2026:** Construction

**2028:** Frodsham Solar becomes operational.

All future dates are indicative and subject to change.



# Have Your Say

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Our Phase One Consultation for Frodsham Solar will run until Thursday 13 July 2023.

We want to hear your feedback on our proposals. We welcome your views on any aspect of the project

You can have your say by:

- filling in a feedback form at one of our in-person community information events
- completing our online feedback form on our website: [www.frodshamsolar.co.uk](http://www.frodshamsolar.co.uk)
- posting a feedback form or writing to us free of charge via our freepost address: FREEPOST FS PCR CONSULTATION. You do not need a stamp.
- emailing us at [info@frodshamsolar.co.uk](mailto:info@frodshamsolar.co.uk)

Further information regarding Frodsham Solar can be found by scanning our QR code or on our website: [www.frodshamsolar.co.uk](http://www.frodshamsolar.co.uk)



To find out more, please contact a member of our team using any of our communications lines:



Email: [info@frodshamsolar.co.uk](mailto:info@frodshamsolar.co.uk)



Freephone information line: 0808 175 4004



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