



Tydd Solar

Bringing clean energy and local environmental benefits



Overview

- Introductions
- Why solar?
- Why here?
- Consultation event & feedback
- About the application
- Environmental benefits
- Community benefits
- Questions





Cyra Carley
Associate
Copper Consultancy
Consultation



Alex Ross
Development Director
PACE
Developer

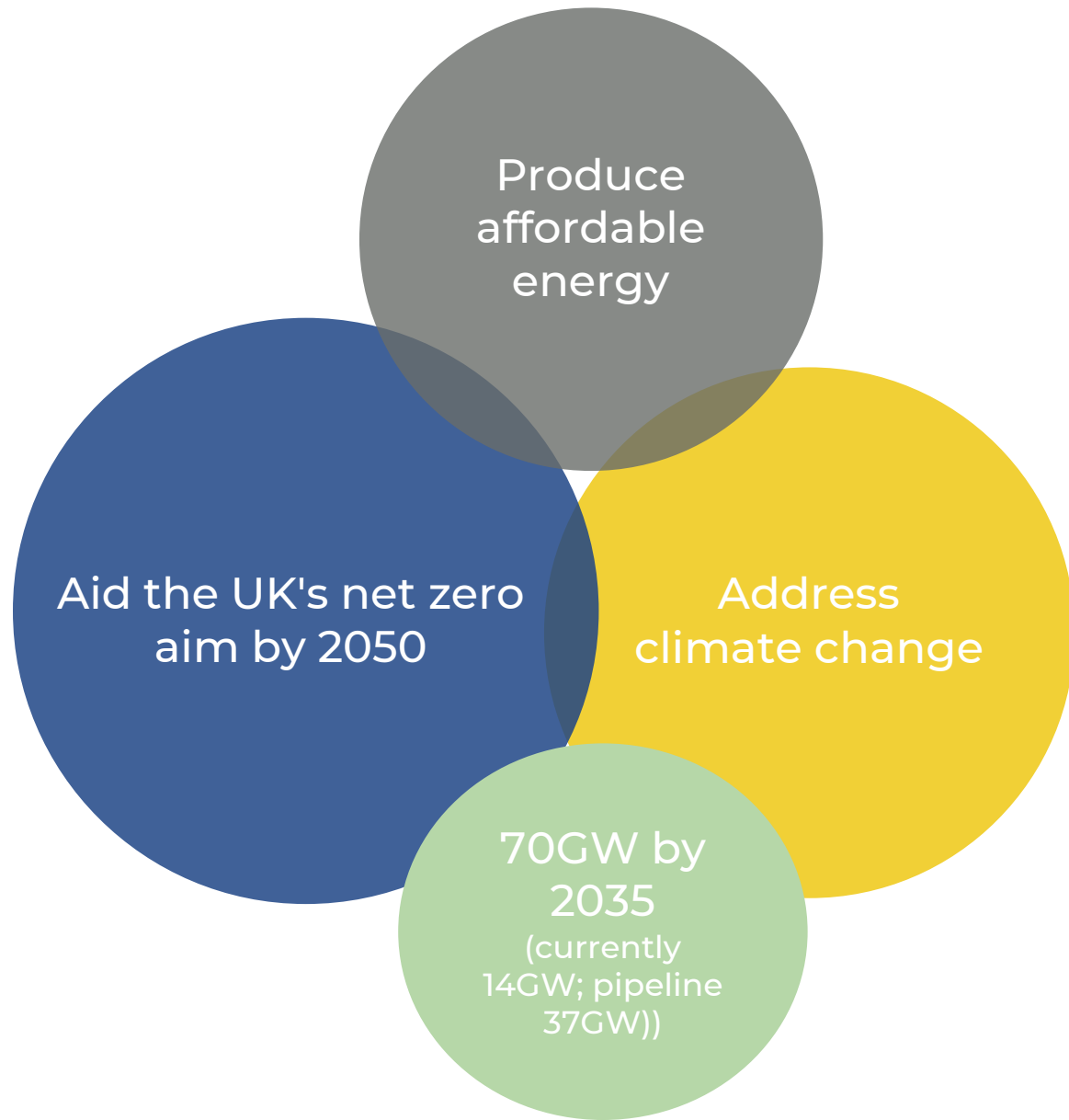


Gill Eaton
Planning Director & Ops Lead
Third Revolution Projects
Planners



Ben Wheeler
Town Planner
Third Revolution Projects
Planners

Why we want to develop a solar farm



Solar is unique, as we can achieve these aims without:

- Harmful emissions
- Noise pollution
- Impacting local wildlife
- Long-term traffic impacts
- Significant construction impacts

“Climate change is an increasing concern for us all which requires urgent action to be taken.” SHDC website.

Climate Change Strategy for East Lindsey, Boston and South Holland (March 2022).

Achieving these goals is a significant national and local challenge.

Brownfield and rooftop solar developments alone will not be enough.

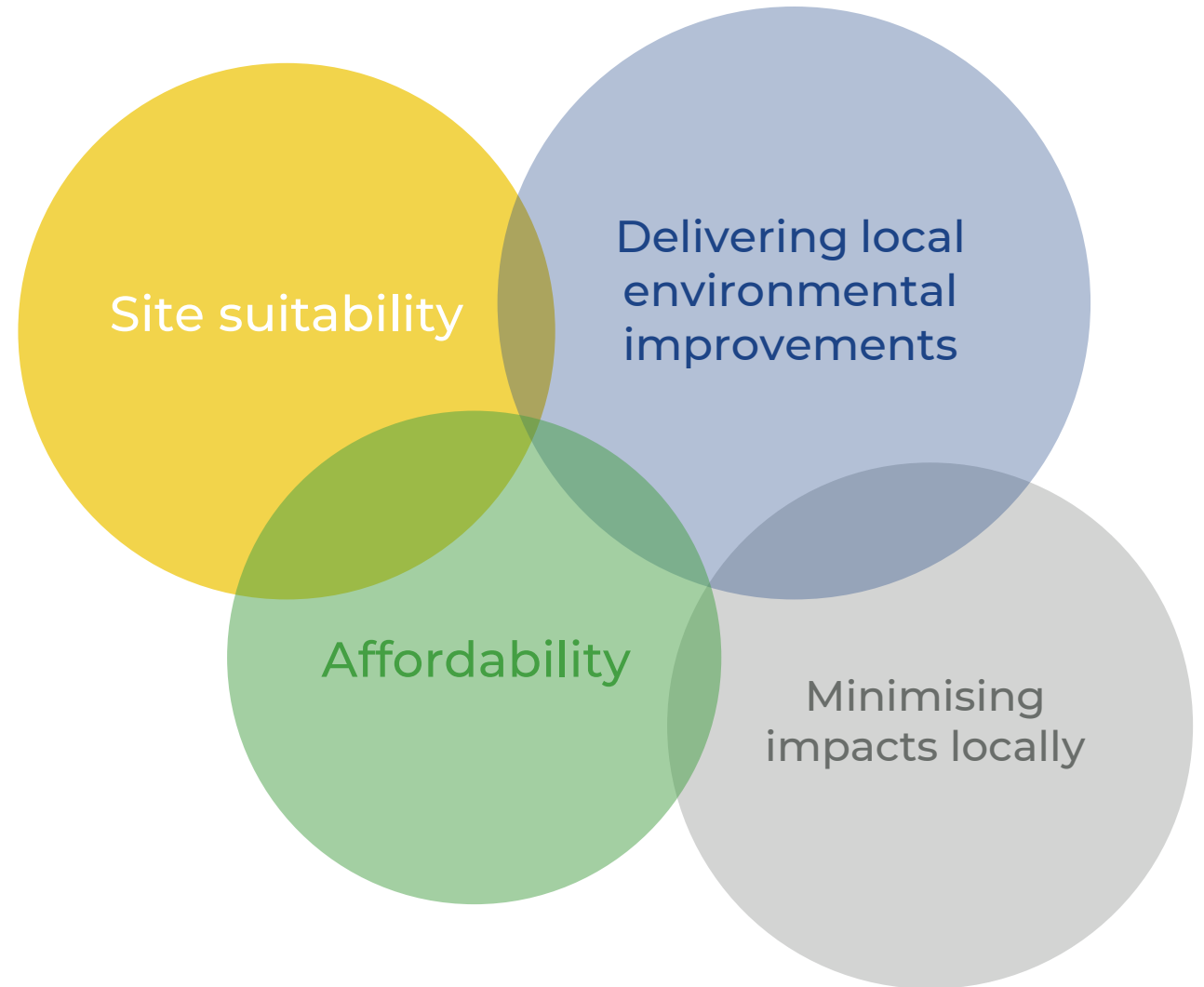
Meeting targets require ground-mounted projects like Tydd Solar to be delivered around the country.

Why here?

How we chose this location

We look across the country, and the local area, for the best possible site, which are:

- Are close to a connection to the existing electricity grid capacity
- Sit outside of the green belt and Areas of Outstanding Natural Beauty
- Would not impact on protected species
- Can be screened to minimise visual impact
- Support the viability of local farms



Consultation Event

Thursday 30th November 2023

- 55 attendees
- 39 feedback forms received



Key feedback and how it's been addressed:

- **Cumulative impact**
 - We've worked with our surveyor team who've considered cumulative effects; there is no intervisibility between the sites.
 - The Council will consider cumulative impact and we will work with them through the application process.
- **Loss of agricultural land**
 - The proposed site is largely grade 3a land which is lower than the surrounding area.
 - The site can still be used by the farmer for small grazing animals (e.g. sheep)
- **Suggestions for alternative locations, such as brownfield sites or rooftops**
 - Brownfield sites in the area are already reserved for housing or aren't large enough to accommodate solar and rooftops aren't enough to reach the government solar targets.
- **Visual impact for residents in Sutton St Edmund and the time required for screening planting to establish**
 - Prepared a mitigation and enhancement plan on slide 10 that shows planned areas of planting to help screen views.
 - Part of the planting plan includes mature trees to mitigate views immediately.
- **Impact on the bridleway and PRow**
 - These will remain open during construction.
 - Vehicle access near the PRow and bridle path will be managed by a banks person and signage will be displayed alerting drivers to the presence of pedestrians.
- **Impact of construction traffic, and the enforcement of the traffic management plan**
 - In preparing a full transport statement, we've timed the deliveries so there isn't more than one HGV delivery every hour when a banks person will control entrance. Also our preferred route avoids Guanockgate Road.

About Tydd Solar

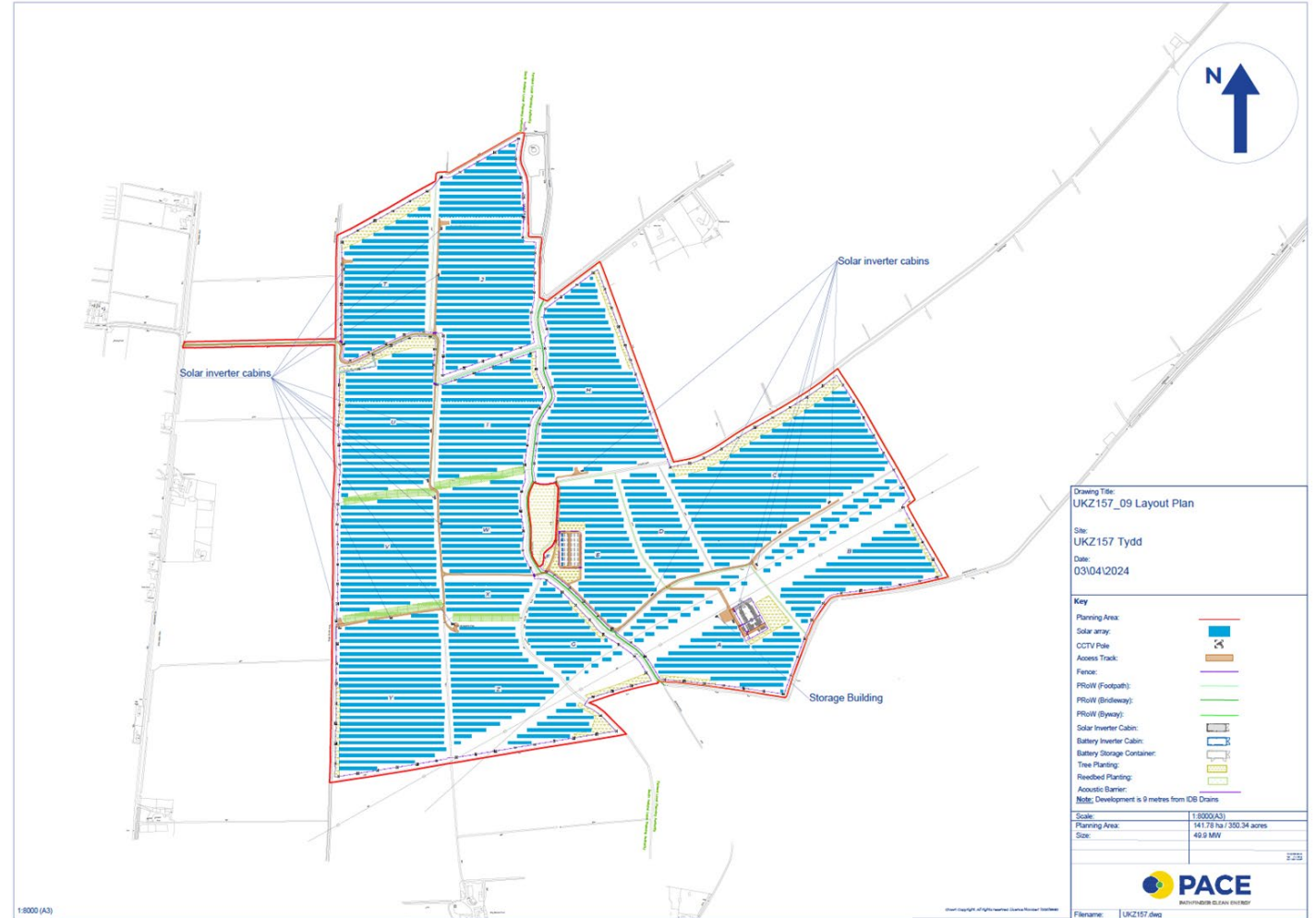
- Application encompasses land across both South Holland and Fenland District Council.
- Each council will determine over the land it controls.
- South Holland application has been validated (ref: H19-0329-24) and is being consulted on by the Council.



Proposed site location in relation to Sutton St. Edmund and Gorefield.

Tydd Solar Layout

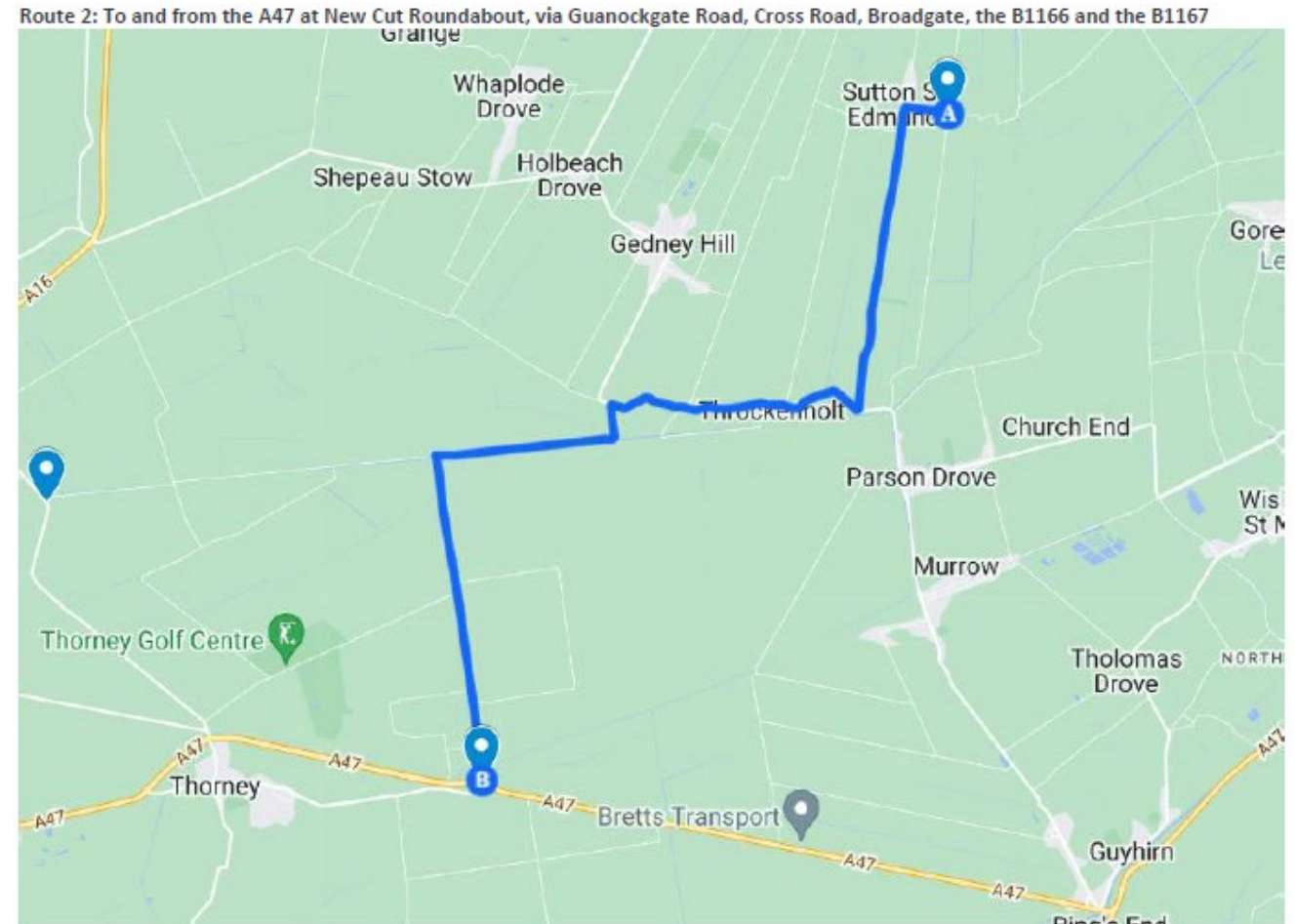
- 49.9MW export alongside 30MW of Battery Energy Storage (BESS).
- Additional equipment includes a DNO substation, inward facing thermal CCTV security system, inverters, transformers, acoustic barrier, and a storage shed.
- The project would connect to the high-voltage line that runs along the southern boundary of the site.



Proposed site layout submitted for planning.

Tydd Solar Construction Route

- Proposed construction route runs from the A47 to B1167 to B1166 then on to Broadgate and turning right into the site.
- Average of four daily deliveries with a maximum of eight deliveries per day depending on construction phase.
- Approximately 11-month construction programme.
- No blocking of PRow or Bridlepath and deliveries will be managed by a banksperson and additional signage will be placed to warn drivers of presence of walkers.



Proposed ecological and landscape mitigation

- Approximately 173% gain in biodiversity habitats, particularly in grassland and wildflower meadow habitats.
- Additional 4ha of trees and understorey planting to help screen views of the site.
- Wildlife gates are planned in the site fencing to allow access for small mammals such as rabbits and mice.



Environmental benefits

Generating environmental benefits alongside clean energy



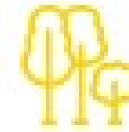
Generating energy to **power 22,388 homes** every year



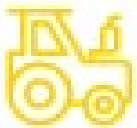
Displaces 16,180 tonnes of CO₂ which would be added to the atmosphere every year, equivalent to removing the emissions from 13,110 family cars



Significant increase in overall biodiversity on the site



Planting 4.4 hectares of new woodland



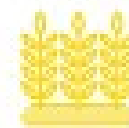
Enable the continuation of agriculture during operation and site fully restored after solar panels are removed



Improving soil quality in overworked fields



Reducing soil erosion through addition of grasslands



Helping farmers to diversify their income and ensure continued viability of the farm

Community benefits

Community benefits bespoke to each site, and are based on:

- the location and extent of the project
- the local landscape and environment
- the needs and input of the community

Suggestions so far for the community benefit fund include:

- EV charging points
- Solar panels on domestic rooftops / community buildings
- Funding for local groups
- Subsidised electricity
- Provision of walking trails with all-weather surfaces
- Repair of Guanockgate Road

This will be developed through ongoing engagement with local stakeholder

- The details will be finalised if and when the application is approved.
- We continue to welcome your input.



PACE
Community
Charter





Figure 13: Typical fencing used around the solar farm

Any questions?



Contact us



If you have any questions or would like to discuss our application, please contact us on:



0800 377 7348 9am – 5:30pm Mon-Fri (answer phone out of hours)



communityrelations@pacesolar.co.uk



www.pathfinderce.com