

# 1. Vision



## The Bletchley landfill site presents an exciting opportunity to develop a sustainable low carbon energy development.

The proposed Solar Park will comprise of the construction and operation of a ground-mounted solar park with associated infrastructure. The Solar Park will provide a dependable source of clean renewable energy that can be fed into the local distribution network.

The Solar Park will include features that provide landscape, ecological and biodiversity benefits. It is proposed that land between and beneath the panels would be used for biodiversity enhancements.

**The aim is to:**

- Generate carbon free renewable energy alongside the existing green energy infrastructure
- Support UK energy security and its net zero targets.



Indicative Plan



## 2. Overview



### Infinis Solar Developments

Infinis Solar Developments Limited is part of the Infinis Group. Infinis is the UK's leading generator of low carbon power from captured methane and we have operated at Bletchley for over 25 years. Health, safety, and environmental protection is the foundation of our business. Being a good neighbour is a key part of how we operate.

#### Why this location works

National and local planning policy supports new green energy projects and encourages developments of non-agricultural sites such as the landfill site at Bletchley.

Both Buckinghamshire and Milton Keynes have set out Climate Change Strategies which aim to reach net zero by at least 2050. The Proposed Solar Park would help in this key aim for the area.

The Solar Park can be installed alongside the existing renewable energy infrastructure at the site, reducing the requirement for additional construction works.

Bletchley Landfill is located next to existing grid infrastructure that the solar development can utilise without long delays in being able to inject renewable energy into the grid network.

Landfill sites such as this one offer limited development potential. We consider this sustainable development to be an appropriate use of the land, which is in line with relevant planning and energy policies.

No designated Heritage Assets including listed buildings, registered parklands and Scheduled Monuments would be affected.

The Government is encouraging ground-mounted solar projects on brownfield sites across the UK. This will help achieve national Net Zero targets by 2050. Solar power is one of the cheapest forms of electricity generation.

- The site offers an opportunity to deliver ecological enhancements and a Biodiversity Net Gain
- The site presents a rare opportunity for large scale solar in a non-agricultural setting.
- This location avoids sensitive ecological designations or Wildlife Reserves).

### 3. Key Benefits



Bletchley Solar Park will generate enough electricity to power approximately 3,000 homes each year <sup>1</sup>

Displace more than 76,000 tons of CO2 emissions compared to the current electricity generation mix <sup>2</sup>



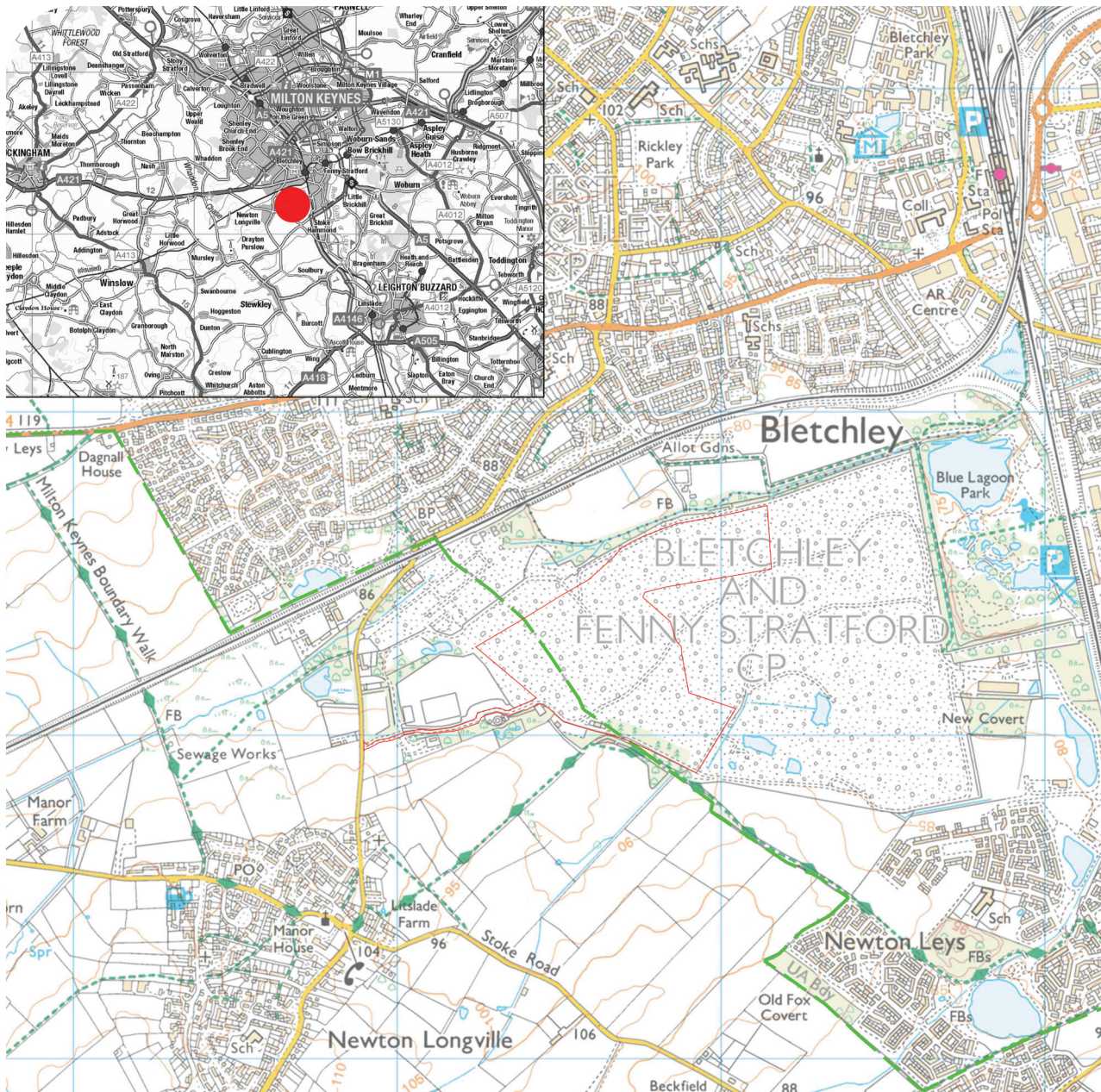
Our innovative approach to developing on landfill ensures other greenfield local spaces and agricultural land are kept free and available

Footnotes:




<sup>1</sup> Estimated households powered figure is calculated using the forecast energy generation yield and mean domestic consumption across the local authorities of Thurrock in 2021, as published in the Government's Subnational Electricity Consumption Statistics Regional and local authority electricity consumption statistics - GOV.UK ([www.gov.uk](http://www.gov.uk))

<sup>2</sup> calculated based on National Grid data on carbon intensity of our power generation mix between July 2022 and July 2023

# 4. Location Plan



### Key

-  Proposed Site Boundary
-  Site Location
-  Local Authority Boundary

# 5. Next Steps



## 6. Feedback



We would love you to provide feedback by completing the questionnaires that are available, speaking to a member of the project team or emailing us using:

**[communityengagement@infinis.com](mailto:communityengagement@infinis.com)**