



Mylen Leah Solar Farm

Introduction

November 2024

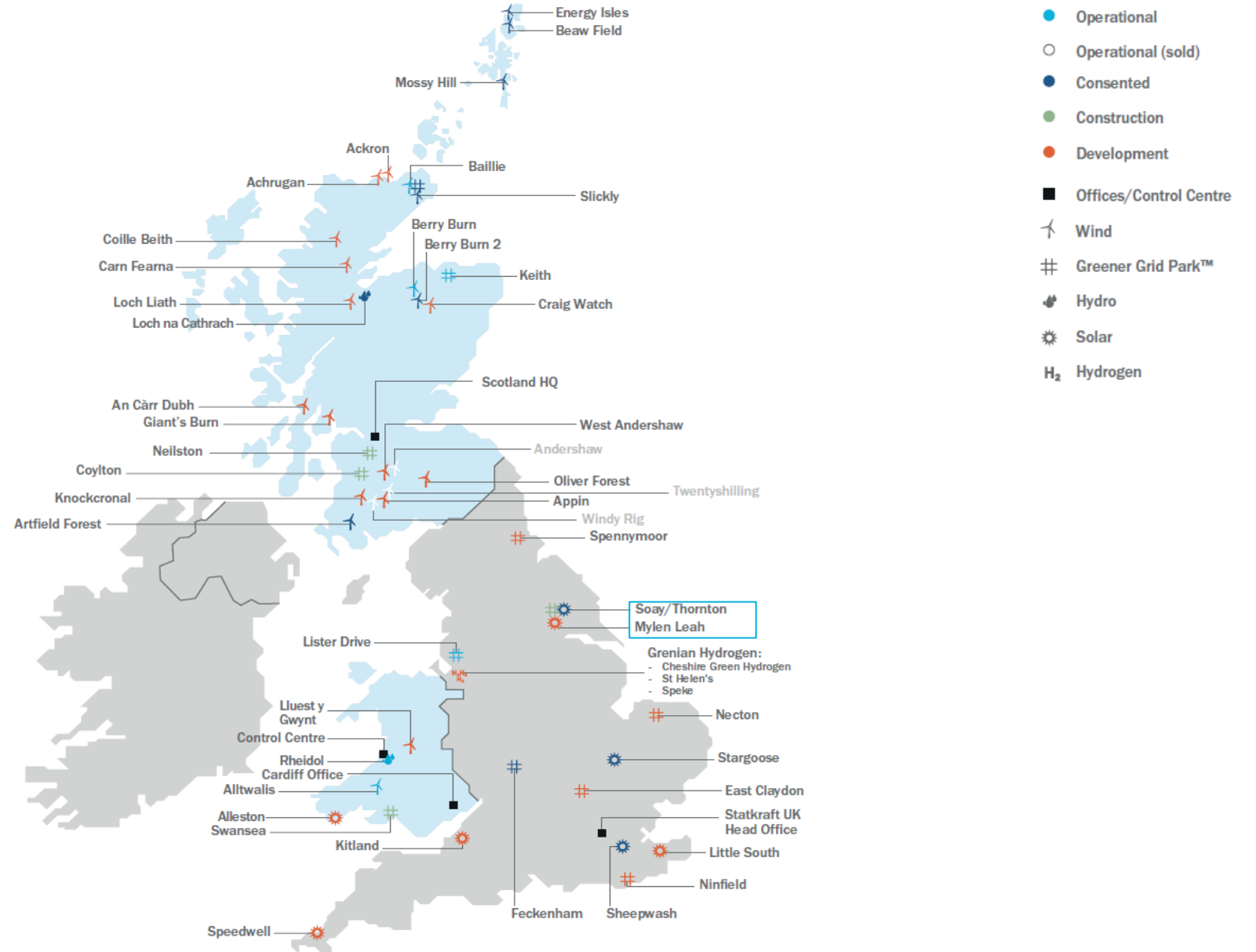


About Statkraft

- Statkraft is **Europe's largest renewable energy producer**; developing and operating hydropower, wind, solar, and supplies district heating. We operate globally in energy market operations.
- Founded in Norway over 125 years ago, we're recognised as a dependable partner with a solid grounding
- UK Headquarters in central London **since 2006**, with over 450 employees across 3 offices
- Total global installed solar capacity of **1.7 GW**
- Invested over **£1.4bn** into renewable energy in the UK
- **Currently delivering Soay Solar Farm and Greener Grid Park** 3km north of the project site



UK Projects Map



Project Team



Planning



Environmental Impacts



Comms & PR



Legal



Land (Grid)



Soay Solar Farm & Thornton Greener Grid Park

- Project Timeline







- **2023:** Construction of site access and grid connection commenced (phase 1)
- **2024 - 2025:** Greener Grid Park construction (phase 2)
- **2025:** Planned commencement of solar farm construction

- Continuing engagement with the local community

- **During development phase:** Changes were made to design of Soay Solar Farm to address feedback received
- **During construction phase:** Regular Community Liaison Group (CLG) meetings since construction started








*Based on average annual domestic electricity consumption per household of 3,578 kWh pa (BEIS, Dec 2020)

SOAY SOLAR FARM & GREENER GRID PARK: BRINGING LOCAL BENEFITS

<p>ENHANCING BIODIVERSITY value of the site by over: 10 TIMES</p> 	<p>Generating electricity to power equivalent of: 18,500 HOMES</p>  <p><small>Consumption of 3578 kWh pa (BEIS, Dec 2020)</small></p>	<p>COMMUNITY BENEFIT FUND: FOR LOCAL PROJECTS</p>  <p>Business Rates to ERYC: APPROX £5 MILLION OVER THE PROJECT LIFETIME</p>
<p>CLIMATE EMERGENCY: declared by ERYC in 2021</p> 	<p>Project Value: £125 MILLION</p> <p>Bumblebee Conservation Trust Business Member 2021/22</p> 	<p>GREENER GRID PARK: enabling MORE RENEWABLES to be used ON THE GRID</p> 

Information contained in planning application, January 2022

Soay Solar and Greener Grid Park - Biodiversity Benefits

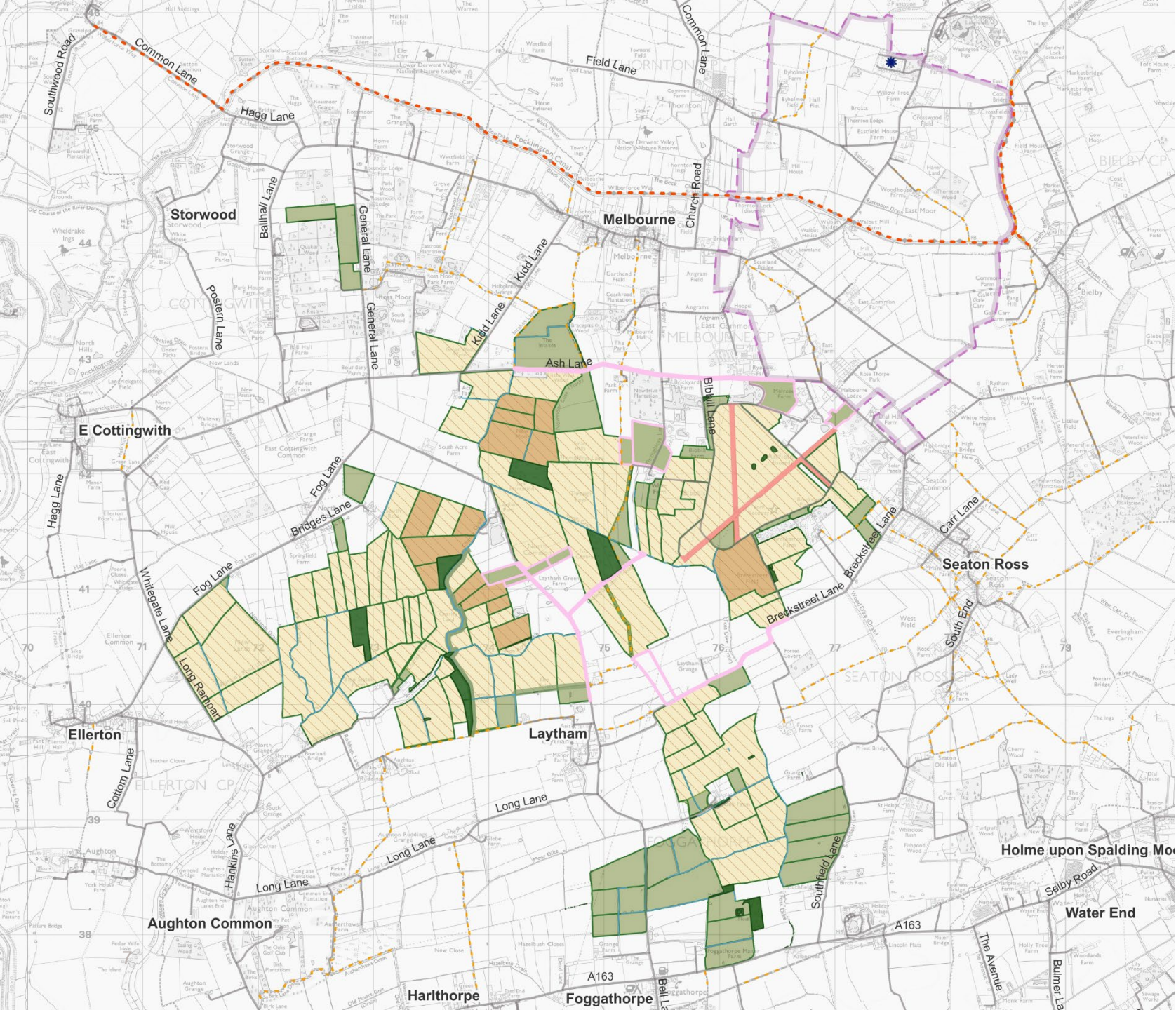
<p>134% Biodiversity net gain Enhancing biodiversity value of the site by over 10 times</p> 	<p>16 Bat boxes</p> 	<p>1 HA of Native Deciduous Woodland</p> 	<p>107 HA grassland beneath the solar panels and along verges within the Site</p> 
<p>30 Mammal gates <small>To reduce road access for species encouraged in the area.</small></p> 	<p>39 Bird boxes</p> 	<p>4.1 km of mixed native hedgerow</p> 	<p>560 native hedgerow trees</p> 














Mylen Leah Solar Farm

- Mylen Leah will comprise the construction, operation, maintenance and decommissioning of a solar photovoltaic (PV) electricity generating facility with a total capacity exceeding 50 Megawatts (MW) and an export connection to the National Grid via the Thornton 400 Kilovolt (kV) substation.
 - Mylen Leah is expected to have a generating capacity of approximately **500 MW**.
 - No battery storage (BESS) is proposed.
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Indicative Concept Masterplan



KEY	
	Potential area for solar development
	Potential area for solar development and project substation
	Potential areas for landscape and / or ecological mitigation / enhancements
	Area of search for underground grid connection cable
	Potential access and / or cable route
	Existing woodland
	Existing Public Right of Way
	Existing national trail / long distance path
	Existing roads
	Existing watercourse (retained with potential to be enhanced)
	Existing field boundary (Retained with potential to be enhanced or reinstated)
	Existing former airfield runway
	Thornton substation



Assessments to date

- Site surveys ongoing:
 - Ecology
 - Geophysical
 - Agricultural Land Classification
 - Arboricultural
 - Landscape
 - Topographical
 - Residential amenity
- Constraints mapping
- Identification of cable route search area

Indicative Project Timeline



Contact Us

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**Online
Feedback Form**



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Post
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