



Decarbonising energy systems

Shaping a low-
carbon future



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employee
owned.



The transition to a low-carbon economy is a complex challenge. LUC offers a wide range of services to support the decarbonisation of energy systems, focusing on projects that help create a more sustainable world.

With nearly 20 years of experience in low-carbon energy and a proven track record, LUC has supported over 18 gigawatts of renewable energy across the UK.

Our deep understanding of the sector and expertise in Environmental Impact Assessment (EIA), planning, and design guides clients through energy transition projects.



About LUC

Development Framework for the Hagshaw Energy Cluster

Our projects

LUC provides strategic support for renewable energy projects, from feasibility studies to obtaining planning permission and beyond.

We help clients develop solar, wind, and hydroelectric projects in diverse landscapes.

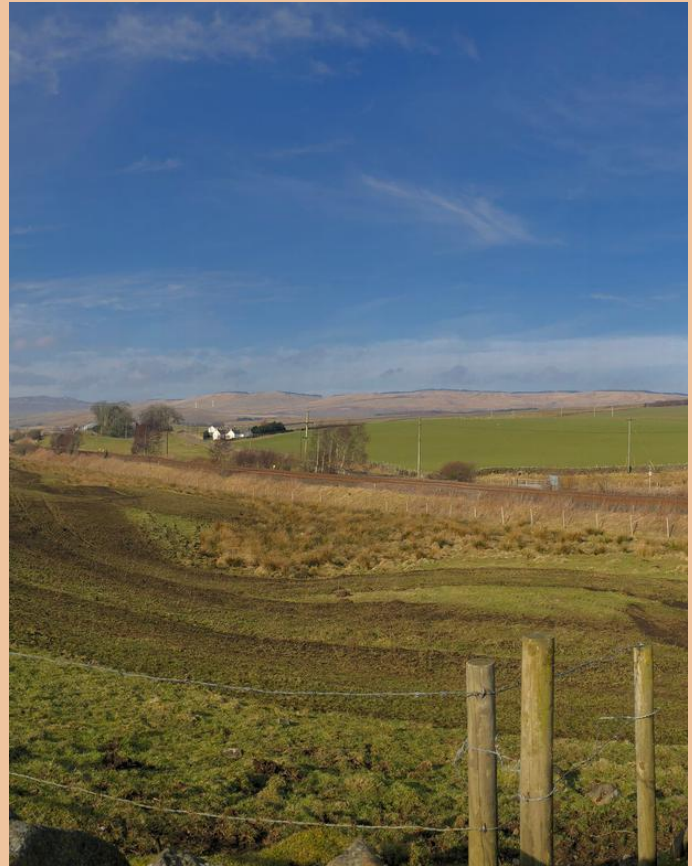
Energy storage

We support energy storage projects by delivering site selection, EIA, and comprehensive planning support.

Grid infrastructure

LUC is involved in some of the largest electricity transmission upgrades, aiming to connect tens of gigawatts of renewable energy.

We provide expert planning, EIA, and stakeholder engagement to strengthen low-carbon grid infrastructure.



Glenmuckloch to Glenglass Reinforcement Project

Our projects

Onshore wind

LUC has extensive experience in onshore wind, totalling over 2GW of installed generation.

We have supported projects from feasibility to construction, including major projects like Clyde Wind Farm, Corriegarth 2 Wind Farm, and Glendye Wind Farm.

Our team also supports projects such as Garn Fach Wind Farm and Twyn Hywel Energy Park, providing specialist expertise at every stage.

Offshore wind

Our work on offshore wind includes projects such as Dogger Bank and Neart Na Gaoithe.

We provide EIAs and Seascape and Landscape Visual Impact Assessments (SLVIAs) for offshore and onshore infrastructure.



Oaklands Farm Solar Park

Solar

Our consultancy services cover all aspects of solar energy projects, from site selection and planning to visualisation and EIA.

We are supporting projects like the Oaklands Farm Solar Park, under examination as a Nationally Significant Infrastructure Project.

Our services



Corriegarth 2 Wind Farm

Site selection and feasibility

We identify suitable project sites and assess viability, factoring in environmental constraints and other key criteria.

Landscape and Visual Impact Assessment (LVIA)

Our team conducts LVIAs to assess the landscape and evaluate the visual impact on people and the environment, integrating findings into sustainable project design.

Environmental Impact Assessment (EIA)

We provide strategic advice, risk reduction guidance, and prepare EIAs, ensuring projects align with regulatory requirements.

Heritage services

We evaluate potential impacts on historic assets, crafting strategies to reduce harm while enhancing heritage value.



See our
projects

Our services



Leithenwater Wind Energy Hub

Ecology and ornithology

Our ecology experts conduct surveys and assessments to protect wildlife and habitats. We create biodiversity strategies to secure compliance with regulations.

Mapping and visualisation

Our geospatial team produces high-quality mapping and visualisations, helping stakeholders visualise project impacts and engage meaningfully.

Expert witness services

LUC offers expert witness services across planning, landscape, ecology, EIA, and heritage.

Our specialists provide authoritative testimony at public inquiries and hearings, drawing on deep technical knowledge and industry experience to support positive outcomes.



See our
projects

Our approach

LUC's approach is centred on delivering practical and sustainable solutions that address the complexities of energy transition.



Holistic perspective

We take a systems-level approach, considering the entire energy value chain.

This helps us optimise outcomes and foster positive change.

Client focus

We build strong partnerships with clients, ensuring each solution is customised to meet their goals and challenges.

Stakeholder engagement

Engaging communities and stakeholders throughout project lifecycles is crucial.

Our approach builds trust and secures support, helping deliver broader community benefits.

Our experts

LUC boasts a multi-disciplinary team of highly skilled professionals with extensive experience in the energy sector.



Planning and EIA specialists

Our planners guide clients through regulatory frameworks and EIAs, helping to manage risk and secure approvals.

Landscape planners and designers

We integrate renewable energy projects into landscapes, providing Landscape and Visual Impact Assessments and strategic land-use support.

Historic environment consultants

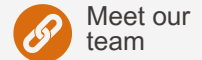
Our heritage consultants develop strategies that protect historic assets while supporting energy development goals.

Ecologists

Our ecologists create environmentally responsible solutions that enhance biodiversity and reduce project impact.

GIS and visualisation specialists

Our GIS team provides data-driven insights, creating engaging visuals to support decision-making.



Our wider impact

LUC's work extends beyond individual projects to drive positive change in the energy sector.

Policy influence

LUC engages with policymakers and stakeholders to shape a regulatory and investment landscape that advances low-carbon energy. Our work informs policies accelerating the journey to net-zero.

Knowledge sharing

We actively share our insights through publications, conferences, and workshops, fostering best practices and understanding around energy transition.

Community engagement

We believe community involvement is essential to renewable energy projects. Our approach creates long-term value for local residents and builds project support.

Sustainability leadership

As a sustainable and socially responsible business, LUC integrates these principles into all operations and works to minimise our environmental impact.



Our clients

LUC collaborates with a diverse client base, including local authorities, government agencies, developers, and landowners.

Our trusted partnerships focus on a shared commitment to creating a low-carbon future.



BELLTOWNPOWER



“Not an easy project. High-quality submission, resulting in a successful planning decision.”

**Scottish Power
Energy Networks**

“The LUC team was professional in their approach and pragmatic in dealing with on-site issues. A high standard of service that met our expectations from previous dealings with LUC.”

BayWa r.e. UK

“LUC achieves a consistently high standard in their work. LUC also helps clients to develop their projects. It is clear they do not view their specialist fields in isolation and collectively they help drive the project formulation. I have no doubt that this leads to better decision-making and, ultimately, better projects. LUC is playing a very important role in the delivery of critical projects for Scotland to achieve its renewable ambitions.”

**Shepherd and
Wedderburn LLP**

LUC

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