



Low Carbon

An overview

About Low Carbon

Low Carbon is a leading, privately-owned UK investment and asset management company, specialising in renewable energy with the aim of having a lasting and positive impact on climate change. In practice, this means responsible and innovative investment in renewable energy projects, a commitment to protecting the earth's natural resources and dedication to creating a low-carbon future for all.

In 2011, Chief Executive Roy Bedlow founded Low Carbon in the ardent belief that, by leveraging proven renewable energy technologies, it would be possible to produce megawatts of clean energy on an international scale, with a measurable ROI, in the fight against climate change.

Low Carbon's vision and mission have remained unchanged since our formation. We strive daily to help shape and secure the health of our planet for future generations. We believe that such an ideal can only be realised through the urgent creation of clean, renewable energy at scale. To this end, Low Carbon has established the target of achieving net zero by 2030.

We work hard to ensure Low Carbon is meeting leading standards for sustainability and operational excellence. Low Carbon is a certified B Corporation which demonstrates our commitment to sustainability and challenges us to continually strive to do better. Low Carbon is the first SME to be welcomed as a member of the Corporate Leaders Group (CLG), a group which brings together businesses from a cross-section of UK industry to accelerate progress towards a low-carbon, sustainable economy.

Low Carbon is an official Nominator for the Earthshot Prize launched by Prince William – one of the most prestigious global environment prizes in history, aiming to find new solutions to the world's biggest environmental problems. Low Carbon is a signatory to the Principles for Responsible Investment (PRI) which demonstrates our commitment to including environmental, social and governance (ESG) factors in our investment decision making and asset ownership.

Our approach – renewable energy at scale

Low Carbon invests in and operates large-scale renewable energy projects. Specifically, we target investments in solar, onshore and offshore wind, energy storage, waste to energy and other proven renewable energy technologies.

We have leveraged our market leading position in the UK to expand into new markets which to-date include the Republic of Ireland, Netherlands, Finland, Romania and Ukraine, demonstrating our reach, capability and scale.

We have built a strong track record in the financing, development, construction and management of large-scale renewable energy investments. We are able to do this thanks to our specialisms in:

Investment: Our team of specialist investment professionals harnesses Low Carbon's balance sheet capital to develop renewable energy projects at scale from concept stage through to construction.

Fund Management: Low Carbon's highly-experienced investment team, which previously worked together at amongst others Green Investment Bank and Macquarie, has a track record of managing third-party capital to enable the deployment of renewables at scale.

Operational Asset Management: As one of the largest asset managers in the UK, our team provides lifecycle asset management services to Low Carbon and our clients for a >1GW portfolio of operating renewable energy assets.

20GW of renewable energy capacity by 2030

Now in our 10th year of operation, Low Carbon has formed a strategic partnership with the Massachusetts Mutual Life Insurance Company (MassMutual) to build a leading global renewable energy Independent Power Producer (IPP), targeting 20GW of renewable energy capacity by 2030.

The partnership also underpins Low Carbon's ambition to raise third-party investment funds with the aim of directing capital into large-scale renewable energy infrastructure projects in the UK, Europe and selected global markets.

With the ambition to transform the global energy sector from fossil fuel based to zero-carbon, the partnership will accelerate the deployment of large-scale renewable energy by harnessing Low Carbon's expertise across the full investment life-cycle, and by leveraging our proven track record which includes:

- the deployment of more than £600m of capital into large-scale renewable energy projects
- the financing, development and exit of more than 1GW of clean energy projects
- an international, proprietary development pipeline of more than 5GW – enough to power more than 1.3 million homes*
- a leading portfolio of UK subsidy-free solar with more than 2GW in development

* Low Carbon internal calculations using OFGEM Typical Domestic Consumption Values and BEIS Carbon Conversion Factors



Our people – making Low Carbon’s vision a reality

At Low Carbon we recognise that our people make our vision possible. We value their unique skills, experience and commitment to the Low Carbon vision.

Our values speak to our motivations and commitment to climate change, our skills and expertise, our integrity and responsible practices and the pride we take in working together to bring about change. Our values incorporate the personality and principles of the people that make up Low Carbon.

Our company values and shared commitment to mitigating climate change benefit the overall business as they ensure we maintain a continued focus on clean energy investment and on maximising the volume of clean energy we produce. Without this shared belief and coordinated effort we would not be able to have a sustainable impact on climate change.

Nurturing the environment

Not only is climate change mitigation central to our company mission but sustainability and resource efficiency is embedded in how we operate as a business.

Operations: We are committed to reducing the environmental impacts of our business activities by minimising our business travel footprint, careful selection of office suppliers, and office waste management and recycling. With business travel making up a large proportion of a company’s carbon footprint, we track our corporate travel and offset any associated carbon emissions through tree planting in association with The Woodland Trust.

Biodiversity: Low Carbon works to protect and promote sustainable land use and halt biodiversity loss across our operational sites. We partner with landowners and developers on comprehensive land-management programmes including livestock grazing and pollinator support.

Sheep grazing: This is hugely popular amongst our landlords as the sites are secure and sheep are kept safe and sheltered. The sheep also help to control the environment naturally without the need for toxic herbicides or petrol-powered mowers. There are currently between 1,310 and 2,100 sheep grazing on Low Carbon’s solar parks.

Beehives: More than 2 million bees live on our solar parks in managed hives with our sites providing secure environments with readily available food sources. Each year we bottle and distribute approximately 600 jars of Low Carbon honey to engage with communities and stakeholders to demonstrate the importance of how land management, biodiversity and clean energy generation work in harmony to mitigate the negative effects of climate change and support our vital pollinators.



2 million
bees



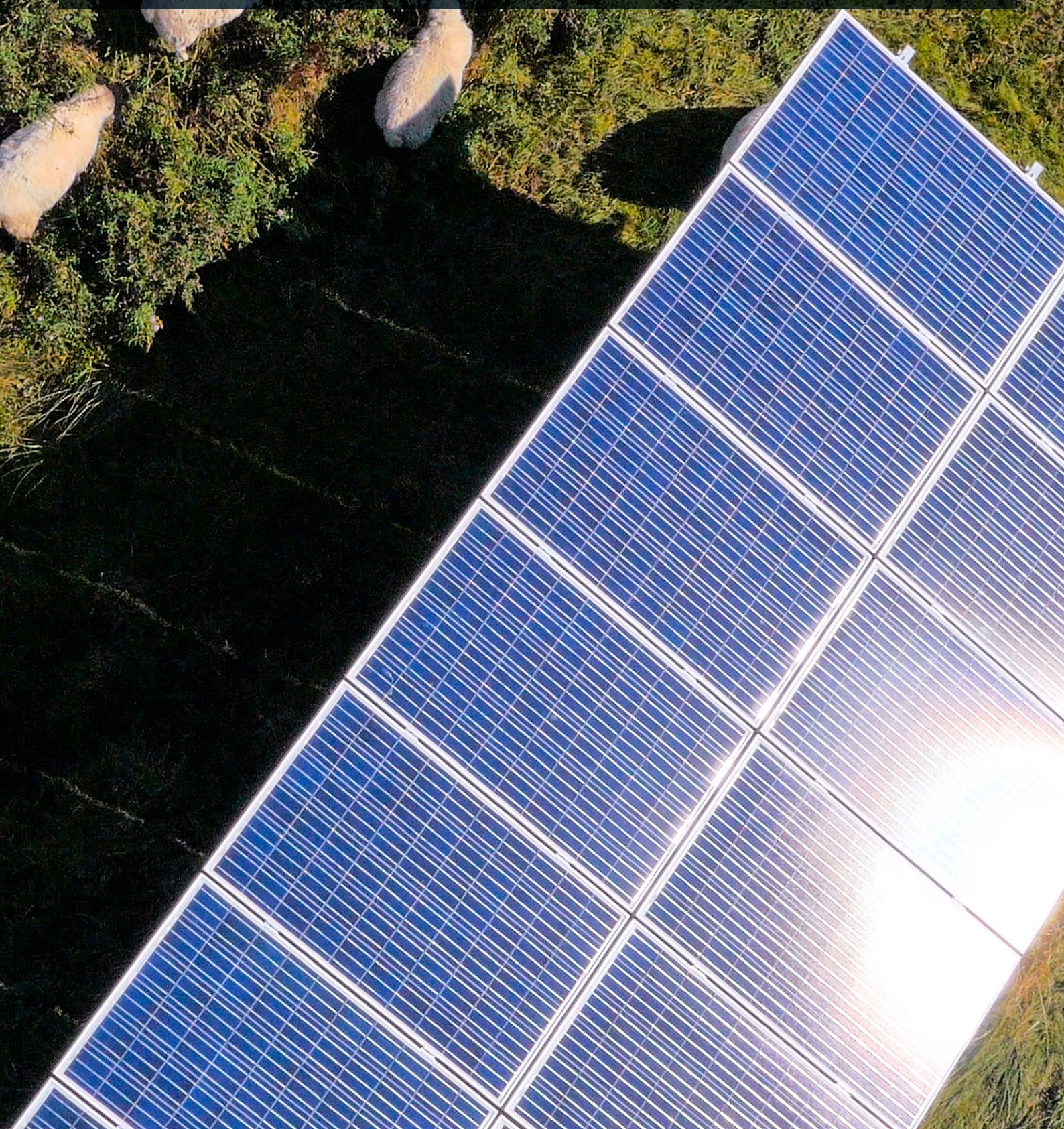
972 trees
planted*

* From 2020 in partnership with the Woodland Trust for the protection and creation of native woodland in the UK

Low Carbon engages at all stakeholder levels:

"All of Low Carbon are so helpful and passionate about not only running a very efficient, green energy solar farm, but also incorporating a safe haven for wildlife, birds, insects, bees, from which we are sent a jar of honey when it's harvested, (delicious - a thoughtful big business where also small things count). Grasses and flowers are monitored to allow insects to carry out the pollination and harvest nectar, before grass maintenance. The way that Low Carbon manage this site means it's become a safe quiet environment for hares to come and go yet breed in safety together with many other types of animals and birds. The Team within Low Carbon whom are full of aspiration, innovation and motivation proves that a large-scale green electricity producer can work together with the natural habitat and be a safe haven for wildlife."

Landowner, Low Carbon solar park



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Signatory of:



Certified



Corporation

This company meets the
highest standards of social
and environmental impact

THE
EARTHSHOT
PRIZE

OFFICIAL
NOMINATOR

www.lowcarbon.com