

# Install rooftop solar PV with Low Carbon Hub



## Is your business ready to save money on energy bills and cut carbon emissions?

We are an Oxfordshire-based social enterprise that builds and manages community-owned renewable energy projects with businesses, schools and communities.

Working with Low Carbon Hub to install a community-owned solar PV array means:



- hosting a solar PV array on your rooftop, at no cost to you



- working with a trusted and experienced local partner with 50 projects in operation



- we take full responsibility for the operation, maintenance, and insurance for the array over the lifetime of our roof lease with you

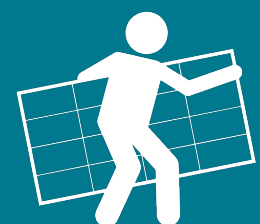


- you benefit from using the renewable energy generated on site, buying it at a discounted rate directly from us
- your energy generation benefits the community, as we use all of our profits to fund community-led action on climate change.

## Is your roof suitable for solar PV?

We are looking for sites with...

- A roof large enough to host an array.
- Buildings with significant daytime energy use.
- Owner-occupied or with a 10 + year lease in place.
- A roof that is not north-facing.



Find out more at [www.lowcarbonhub.org](http://www.lowcarbonhub.org)

# Who we work with

Low Carbon Hub has 50 renewable energy projects across Oxfordshire, working with businesses, schools and communities. Here are just some of the people we've worked with.

## Oxford Bus Company



In 2013, Oxford Bus Company became the first Oxfordshire business to develop a community-owned renewable energy project with Low Carbon Hub, installing 540 solar panels on their depot. In 2019, we also worked with another affiliated organisation to Oxford Bus Company – Thames Travel – to install 175 solar panels on their bus depot roof in Didcot.

“I’d encourage other businesses to partner with Low Carbon Hub to help our community become carbon neutral.”

Luke Marion, Oxford Bus Company



140 kW<sub>p</sub> installed capacity

123,000 kWh generated each year

20% of energy needs met on-site

Find out more about who we've worked with at [www.lowcarbonhub.org](http://www.lowcarbonhub.org)



# Norbar Torque Tools



In 2015, we worked with Norbar Torque Tools Ltd to install 1,000 solar panels on to the roof of their manufacturing plant. We worked with Norbar again in 2022 to install an extension to their solar array, more than trebling its size from 250 kWp to 778 kWp. Over the lifetime of the project, it is anticipated that the panels will save 1,900 tonnes of CO<sub>2</sub> from being emitted.

“We are delighted to be working with Low Carbon Hub to increase renewable energy production in Oxfordshire. This is a scheme which benefits Norbar, the local community and the environment and we hope that other businesses in Banbury will be inspired to follow suit and start installing solar panels on their roofs.”

Catherine Rohll, Norbar Torque Tools Ltd

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## Prodrive

Prodrive partnered with us to host a large solar installation on the roof of their headquarters in Banbury, where most of the business's engineering, design and manufacturing takes place. A grand total of 2,446 solar panels was installed to help the company reduce their carbon footprint and energy bills and to generate funds to benefit local communities.



**636 kWp** installed capacity

**526,575 kWh** generated each year

**39%** of electricity needs met on site

Find out more about who we've worked with at [www.lowcarbonhub.org](http://www.lowcarbonhub.org)

# How it works

We work closely with you throughout the planning and installation process.



**Feasibility study:** We will undertake a desktop assessment of the suitability of your buildings, the potential size of the array and calculate the energy cost and carbon emissions savings for the project.

**Offer letter:** A proposal will be sent to you, including the design, our energy price offer, heads of terms and a draft lease.



**Heads of terms:** These state that you wish to go forward with the project subject to detailed grid and structural feasibility work. They are not legally binding to proceed with the project but do commit you to cover any pre-development costs in the event you decide to not go ahead, should the surveys show the project is viable. If the surveys illustrate that the site is not viable, then you will not have to cover any of these costs.

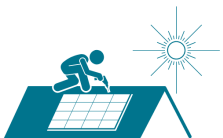


**Pre-development surveys:** We will organise and cover the cost of all pre-development surveys to ensure the suitability of your chosen roofs and develop a design solution.



**Lease:** With a green light from the pre-development surveys, we review and complete the standard roof lease with you. The lease can be from 10 up to 25 years and we are happy to discuss any questions you may have about the lease.

**Construction:** Once the lease is in place, we will do a walk around visit with our chosen installer and a member of your team to ensure minimal disruption to your operations. Most installation should take 1-2 weeks.



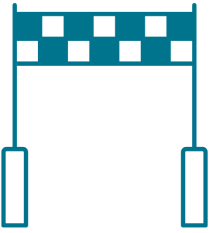
**Follow up:** Once installed, we will visit to check the workmanship of the array. We will also take this opportunity to finalise the operational and billing processes with our finance team and your site team.



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**Operations:** Low Carbon Hub will own, operate, insure, and maintain the array for the entire period specified in the lease terms, including cleaning the panels when we notice them getting dirty! We monitor our installations daily to ensure they are performing as expected. Throughout the year you will only be billed for the clean energy you use from the panels.



**Decommissioning:** At the end of the lease term, either Low Carbon Hub can continue to maintain the panels under the same terms on a rolling basis, you, the host, can take on the maintenance and receive the full benefit of the electricity produced, or the panels can be removed free of charge.

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# Get in touch

It all starts with the first step of talking to our team. To find out more and explore the possibilities for your business, please be sure to get in touch.



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## About Low Carbon Hub

Low Carbon Hub is a social enterprise that's out to prove we can meet our energy needs in a way that's good for people and good for the planet. We build and manage community-owned renewable energy projects with businesses, schools and communities. We use community share offers to pay for the solar installations with all of our profits going to fund community-led action on climate change.

Find out more at [www.lowcarbonhub.org](http://www.lowcarbonhub.org)