



Powering the UK towards a clean energy future.

IMAGE: WORTHY FARM (GLASTONBURY FESTIVAL) SOLAR PV SYSTEM



Your trusted clean energy partner

Making the switch from expensive fossil fuels to clean energy is a sensible but long-term commitment. It therefore makes **sense** to work with a reliable and experienced partner with an established track record.

Established in 1995, Solarsense is one of the UK's most established clean energy contractors and has installed more than 15,000 renewable energy systems nationwide. We were one of only a small minority of UK solar energy firms that were rated as 'financially strong' in a business analysis conducted by Plimsoll.



The Solarsense story



1995

First Solarsense office set up by Stephen Barrett, Managing Director

2000

Solarsense UK Ltd is formed

2005

Solarsense install the UK's first photovoltaic system under the Energy Saving Trust's Grant Scheme

A team visit Uganda on the company's first charity project overseas

2010

Solarsense install the UK's largest privately owned PV system – Worthy Farm, Glastonbury

A team visit India to install a solar PV system and lighting for Bishop Bexel Orphanage

2015

Solarsense install the UK's largest local authority rooftop PV system at North Acre Recovery Centre

The company celebrates 20 Years in operation and surpasses 10,000+ installations milestone

2020

Avon Fire & Rescue Service Project selected by Cabinet Office ahead of the COP26 United Nations Climate Change conference.

Solarsense named Industry Game Changer at the Regen Energy Awards.

The UK's leading clean energy contractor

“We have been working with SolarSense for several years to install clean energy systems at three of our sites and have four further installations planned. They have been great to work with which is why we keep going back to them.”



WWT

Lucy Smith, Head of Sustainability - Wildfowl & Wetland Trust

A multi award-winning approach

Solarsense has an unrivalled 28-years' experience installing renewable energy technologies. Our team of experts are the best in their field and passionate about sustainability. Solarsense stands apart from the competition in the quality of its project delivery and has won numerous awards, including Clean Energy Scheme of the Year at the national Green Energy Awards 2022.

Our approach has resulted in excellent customer feedback and a high rate of repeat custom from clients such as The RSPB, Renishaw, The Tracklements Company, The Duchy of Cornwall and Crown Estate.



28 years
in operation

15,500
clean energy installations

40
members of staff

24
industry awards



Renewable Energy Contractor of the Year

Solarsense won Contractor of the Year in recognition of its outstanding 28-year track record of consistently high customer satisfaction, delivery of innovative projects and commitment to corporate social responsibility.

It was the third time Solarsense has been named company of the year at the industry's leading awards and was one of three awards the team won last year.

**SOLAR &
STORAGE**

Solar & Storage Live Awards 2022
Winner: Contractor of the Year

regen 
transforming energy

Regen Green Energy Awards 2022
Winner: Clean Energy Scheme of the Year

**BusinessGreen
Leaders Awards**

Business Green Leaders Awards 2022
Winner: Commercial Solar & Storage Project of the Year

Power to your business webinar series

Power to your business is a collection of webinars bringing together a panel of cross-sector experts to share their industry knowledge and experience.

The tech, the process and the experience

Hosted by former BBC producer David Harries, guests include Solarsense founder and MD Stephen Barrett; Clean Energy Consultant Cathie Eberlin, Head of Sustainability at Renishaw PLC Ben Goodare, and Michael Gowen HSQE and Facilities Manager at Plasser UK.

[Watch Episode One](#)[Clean Energy White Paper](#)

The Finance, The Funding and The ROI

Hosted by former BBC producer David Harries, guests include Peter Booth Group Finance Director at MC Group, Kevin Mulvaney Sustainability Consultant at England Rugby, Gaige Ross Sales Director at SmartEase and Eleanor Smith Solar Specialist at Ignition Credit.

[Watch Episode Two](#)[Clean Energy White Paper](#)



Combating climate change

Solarsense has partnered with Rainforest Concern to protect the rare rainforest habitat in the Tropical Andes (one of the most biodiverse but threatened regions on the planet).

For every square metre of rooftop solar panels installed in the coming year, Solarsense will sponsor ten times the square meterage of rainforest to support the charity's work. As a client of Solarsense you can rest assured that your clean energy system is helping to fight climate change far beyond your local community.

Previous charity projects

The Brightwell MS Therapy Centre • Rainbow Centre • Bishop Bexel Orphanage, India • Beso Medical Centre, Ethiopia

Our clients



Solarsense is responsible for powering some of the UK's leading organisations and has built a strong reputation for high quality installations and excellent customer service.

THE CROWN
ESTATE



RENISHAW

LUSH FRESH
HANDMADE
COSMETICS

NHS

V&A

Bristol Airport

TESCO

everyone
ACTIVE



The University of
Nottingham

Our capabilities

“This was a challenging project due to the busy nature of our manufacturing facility, however Solarsense were a one-stop shop and never missed a beat. Russell and his team were extremely reliable and excellent to work with. I trusted them to get the job done quickly and efficiently. We will be working on further clean energy projects soon and I won't hesitate to use Solarsense again.”

Plasser UK

Michael Gowen, HSQE & Facilities Manager – Plasser UK

Our projects

Solarsense strives to deliver cutting-edge projects and has won multiple awards for its innovation, project design and installation capabilities.

Our recent clean energy project for Avon Fire and Rescue Service was named Clean Energy Scheme of the Year at the Solar & Storage Live Awards and later showcased by the Cabinet Office in the lead up to the COP26 conference to encourage other organisations to reduce their carbon footprint.

[Watch latest projects video](#)

King's School Macclesfield

Schools and Education - Cheshire

Technology: Solar PV

System size: 185kWp

Annual Output: 163,603kWh

Annual CO2 savings: 35,704kg

25-year net profit: £2.1m

Solarsense has designed and installed a 185kWp solar PV system on the sports hall roof of Kings School Macclesfield. The system is estimated to generate 163,603kWh hours of clean energy per year which will result in a net profit of more than £2.1million over the next 25-years.

As well as significantly reducing the school's energy costs, the new system will offset approximately 35 tonnes of carbon emissions per year.



PLAY VIDEO



Renishaw PLC

Engineering – Multiple sites

Site: New Mills, Wotton-under-Edge

Technology: Solar PV & solar brise-soleil

System size: 291.4kWp

Annual Output: 202,154kWh

Annual CO2 savings: 136,000kg

Solarsense has been working with Renishaw on their on-going clean energy projects for more than seven years.

The large-scale solar PV installation situated on the organisation's New Mills Innovation Centre (pictured), was installed in three key phases.

By incorporating a bespoke solar brise-soleil shading system, Renishaw were able to increase their overall output, reduce their reliance on mechanical cooling systems and visibly promote their commitment to reducing global carbon emissions.

"There are a lot of so-called experts and so you must take care. We were looking for a long-term partner in the UK and experimented with Solarsense in the early days. Their expertise gave us the confidence to carry on investing and they are now the only clean energy contractor we work with."

Ben Goodare, Head of Sustainability - Renishaw

Renishaw PLC

Engineering – Multiple sites

Site: Miskin, South Wales

Technology: Solar PV & solar carports

Hall 3

Solar PV system size: 2.5MW

Annual output: 2,649,816kWh

Annual CO2 emissions avoided: 561,732kg

Hall 4

Solar PV system size; 2.6MW

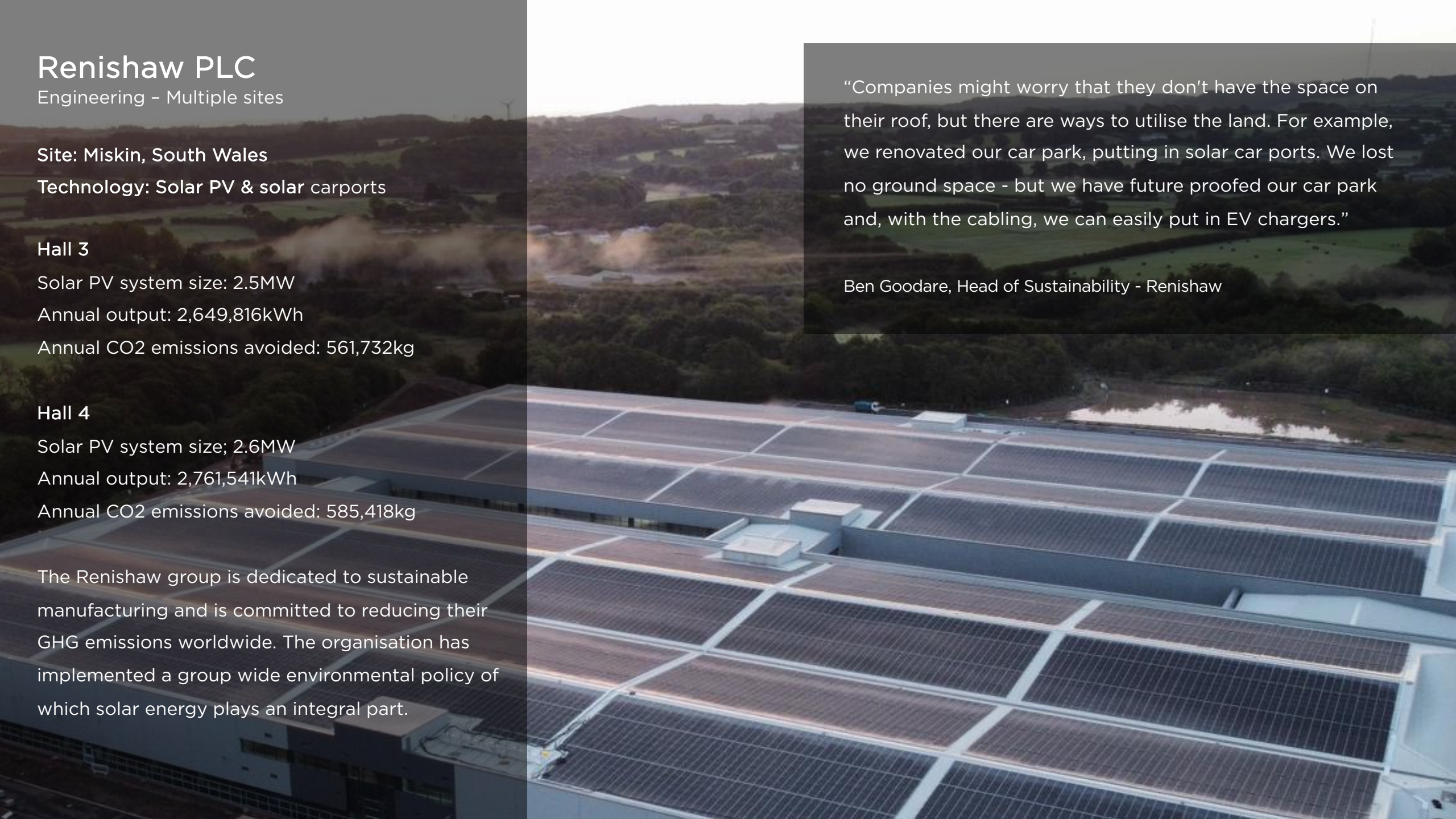
Annual output: 2,761,541kWh

Annual CO2 emissions avoided: 585,418kg

The Renishaw group is dedicated to sustainable manufacturing and is committed to reducing their GHG emissions worldwide. The organisation has implemented a group wide environmental policy of which solar energy plays an integral part.

“Companies might worry that they don’t have the space on their roof, but there are ways to utilise the land. For example, we renovated our car park, putting in solar car ports. We lost no ground space - but we have future proofed our car park and, with the cabling, we can easily put in EV chargers.”

Ben Goodare, Head of Sustainability - Renishaw



MC Group

Transport & Logistics – Multiple sites

Site: Southampton

Technology: Solar PV

System size: 280.4kWp

Annual Output: 288,313kWh

Annual CO2 savings: 79,857kg

25-year net profit: £3.9m

Solarsense has partnered with MC Group to design, install and maintain several solar PV systems at their sites throughout the UK.

The transport company opted to go down the asset finance route to save their cash reserves.

“It’s a 20-year investment. The first five years will be cash neutral, maybe slightly positive, but then after that it’s pure cash positive.” Peter Booth, Group Financial Director – MC Group

“Even in the worst days of the winter, we are still generating 30% of our electricity. So it has a massive impact on our running costs, even at the worst times of the year.”

Peter Booth, Group Financial Director – MC Group



[PLAY VIDEO](#)

Bristol Bears Rugby

Sports & Leisure - Bristol

Technology: Solar PV & EV Charging

System size: 53.64kWp

Annual Output: 52,725kWh

Annual CO2 savings: 14,605kg

Solarsense has installed a flat roof solar panel array at the Bristol Bears Rugby Training Facility to reduce the sites' carbon footprint and reliance on buying electricity from the National Grid.

After careful consideration, SunPower PV modules were specified due to their high efficiency and extended product warranty; allowing for more power generation and financial savings per square meter.

A specialist team completed the installation in less than a week, with the challenge of coordinating with other contractors on a busy construction site.



[PLAY VIDEO](#)

Lush Cosmetics

Manufacturing & Warehouses - Dorset

Technology: Solar PV

System size: 127kWp

Annual Output: 130,085kWh

Annual CO2 savings: 36,027kg

A major presence on the high street across Britain, Lush manufactures and supplies fresh, handmade cosmetics and beauty products.

The 127kWp solar panel installation at the Lush manufacturing unit in Dorset is comprised of 378 solar panels and is estimated to produce approximately 130,085kW hours of clean energy per year.

As well as significantly reducing the high costs associated with manufacturing, the large-scale solar panel system will offset 36,027kg of carbon emissions per year.

“It was a perfect installation from our perspective. Low disturbance, professionalism, respect for the building tenants and clear communication. Many thanks to the team involved. It’s given everyone a lot of confidence to expand the roll-out in the future.”

Jack Gale – Utilities Lead, Lush Cosmetics



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Bicester Leisure Centre

Sports and Leisure - Oxfordshire

Technology: Solar Carport

System size: 150kWp

Annual Output: 148,315kWh

Annual CO2 savings: 34,561kg

One of the UK's largest local authority-owned solar carports. Covering around 60 parking spaces, the steel carport structure has been mounted with a series of solar panels, which are expected to generate around 150,000 kWh of green electricity per year, providing around 18% of the total energy demand of Bicester Leisure Centre.

Using solar power will avoid around 34,500kg of CO2 emissions annually – the equivalent to driving more than 85,000 miles. The system is predicted to pay for itself within approximately 10 years.





Tracklements

Food production - Wiltshire

Technology: Solar PV & EV Charging

System size: 150kWp

Annual Output: 124,637kWh

Annual CO2 savings: 65,779kg

Tracklements is dedicated to sustainable food manufacturing and only use 100% environmentally friendly electricity.

In the height of summer, the company can operate on 100% 'home-grown' electricity generated on-site from their solar PV system. For the winter months, the company has partnered with Good Energy to ensure that 100% of the electricity they import and use on-site is renewable energy.



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Avon Fire & Rescue Service

Public sector - North Somerset

Technologies: Solar PV, Solar Thermal, Heat Pumps & EV Charging and Battery Storage

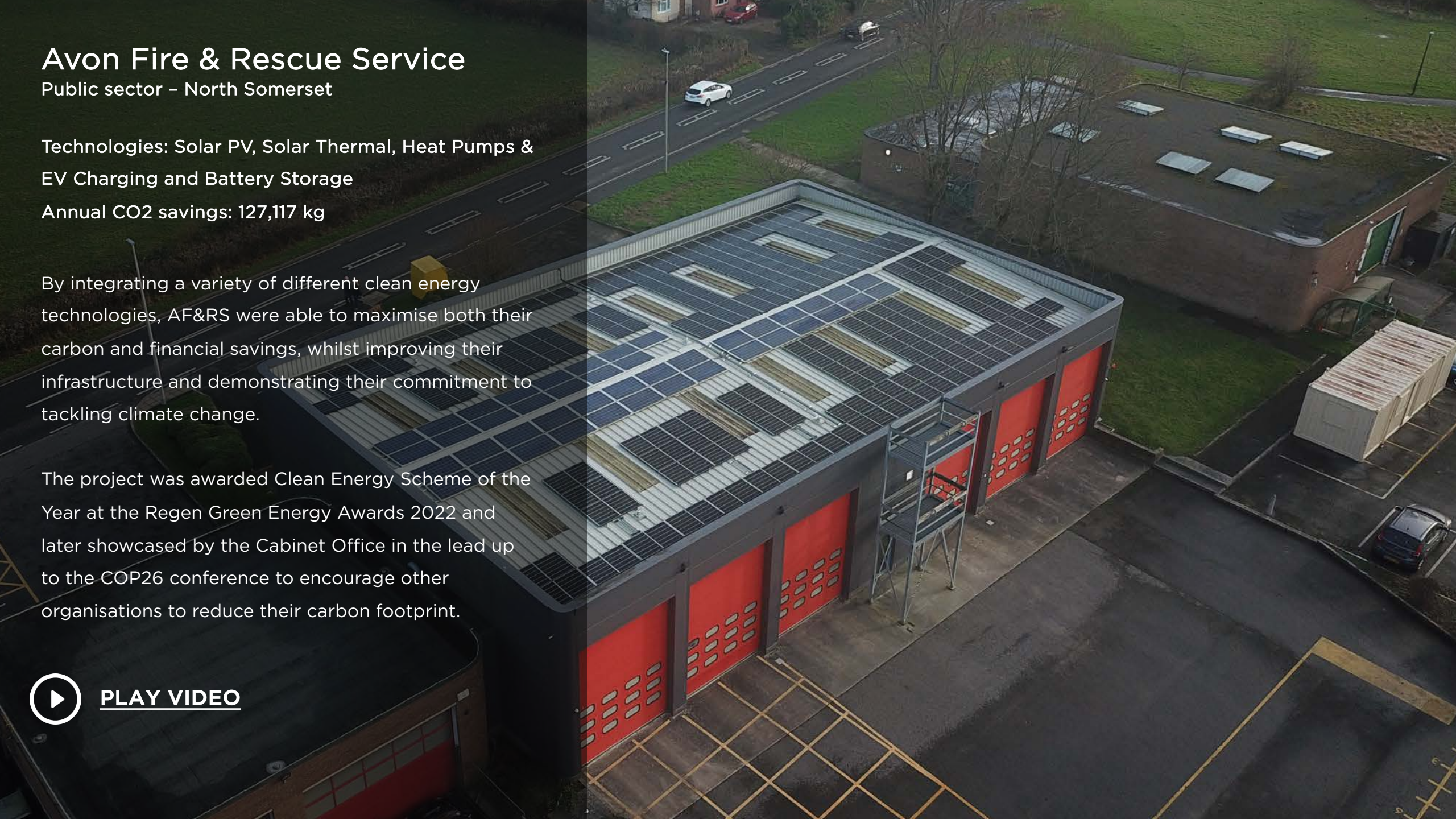
Annual CO2 savings: 127,117 kg

By integrating a variety of different clean energy technologies, AF&RS were able to maximise both their carbon and financial savings, whilst improving their infrastructure and demonstrating their commitment to tackling climate change.

The project was awarded Clean Energy Scheme of the Year at the Regen Green Energy Awards 2022 and later showcased by the Cabinet Office in the lead up to the COP26 conference to encourage other organisations to reduce their carbon footprint.



[PLAY VIDEO](#)





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