

SAS

SAS International is a leading British manufacturer of high-quality metal ceilings and bespoke architectural metalwork. Their products are used in commercial environments worldwide, including workplaces, airports, train stations, universities, schools, and healthcare facilities. Committed to innovation and sustainability, SAS achieved 'Cradle to Cradle' certification in early 2023, a globally recognised standard for environmentally responsible product design.

Industry
Metal Manufacturer

Technology
Rooftop Solar PV

Location
Bridgend, Wales

Overview



SOLAR PANELS INSTALLED

2,502



ANNUAL CO2 SAVINGS
(TONNES)

214



SYSTEM SIZE (KWP)

1,151



PAYBACK (YEARS)

2.6



ANNUAL GENERATION (KWH)

1,035,828



EQUIVALENT RATE (P/KWH)

3p



The Motivation

Investing in on-site power generation is a core component of SAS International's long-term sustainability strategy. Reducing carbon emissions is a key priority, and the business also needed a solution to mitigate the financial impact of rising energy costs due to the global energy crisis. Installing a solar PV system was an obvious choice, enabling the company to lower operational expenses while securing energy cost stability for the future.

The Ineco Solution

Choosing the Right Partner

SAS International selected Ineco as their solar PV partner due to their extensive experience in renewable technologies. Highly recommended by SAS's commercial partners, Ineco's values and vision aligned closely with SAS, fostering a strong collaboration from the outset. Their transparent cost breakdown and clear project planning provided SAS with confidence in their investment.

Tailored System Design

Ineco worked closely with SAS to explore various solar PV system designs and product options, ensuring an optimised solution tailored to their specific needs. The final system was designed to maximise self-consumption, with SAS using 81% of the energy generated and exporting the remaining 19% back to the grid. This approach ensures long-term cost and carbon savings.

Seamless Implementation

The installation process was managed efficiently, with Ineco maintaining clear communication throughout. Adam, the project lead, ensured SAS had full visibility into every stage of development, allowing them to make informed decisions along the way. The successful deployment of the solar PV system now supports SAS's sustainability goals and continues to drive operational efficiency.

The Benefits

By integrating renewable energy, SAS is reducing its carbon footprint and contributing to a more sustainable future. Over £300,000 of annual savings are estimated from the solar PV system. Over the next 25 years, the system is projected to generate 24 GWh of electricity at an equivalent cost of just 4 pence per kWh—representing a 90% saving compared to 2023 energy rates.



We chose Ineco Energy as a key partner for our Solar PV projects to utilise their extensive experience and knowledge of renewable technologies. Ineco gave us a clear and transparent cost and project plan giving us confidence in our investment."

Alyn Gammon, CEO, SAS International