



Clean Energy

Singapore 2026

Global Incubator Programme



Innovate
UK



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Innovate UK

Innovate UK is the UK's innovation agency. We back deep-tech businesses in the UK's priority sectors for national benefit, supporting their journey from startup to scaling business to industry leader. We provide the funding, expert support and connections to help breakthrough ideas reach their potential, improve lives and drive economic growth. Innovate UK is part of UK Research and Innovation.

www.ukri.org/councils/innovate-uk/



Global Incubator Programme

Innovate UK's Global Incubator Programme works with expert partners in-market to enable UK companies to establish international innovation collaborations and to overcome barriers to entering global markets.

We are pleased to work in partnership with ATUM and Better Earth Ventures to deliver this Clean Energy incubator in Singapore. Participating companies are seeking partners for joint R&D projects, accessing new markets through technology partnering or attracting foreign investment to support the commercialisation of UK technology. These global programmes support high growth, innovative businesses, enabling them to explore and exploit opportunities in specific countries and technology areas, providing market knowledge and cultural insight that they may otherwise not be able to generate for themselves.

ATUM Ventures

ATUM is a Singapore-based deep-tech venture builder and investor. We support courageous founders who turn differentiating tech into world-changing companies that solve critical challenges in Advanced Manufacturing, Energy and Semiconductor.

We bring capital, operational muscle and partners from academia, industry, VC, and government who co-invest in every build.

Visit atumventures.com for more information.



Better Earth Ventures

Better Earth Ventures is dedicated to accelerating the development and deployment of transformative technologies and initiatives that mitigate climate change and promote sustainable living.

Located strategically in Singapore, Better Earth Ventures serves as a pivotal gateway to Asia-Pacific, with a strong regional network of commercial partners, investors and mentors to help growth-stage businesses scale sustainably across borders.

Through collaboration, mentorship, and strategic partnerships, Better Earth Ventures empowers visionary entrepreneurs to drive tangible impact and pave the way for a resilient and thriving planet.

Visit bettereearthventures.com for more information.



BETTER EARTH VENTURES

Clean Energy

In both the UK and Singapore, innovation and investment in clean energy technologies are becoming increasingly important as nations seek to strengthen energy security, enhance industrial competitiveness and achieve their net zero ambitions. Clean energy is one of the eight pillars of the UK Government's Industrial Strategy, underpinning ambitions to drive economic growth and position the UK as a global leader in the industries of the future.

The scale and pace of transformation required to decarbonise energy systems, industry, transport and the built environment presents a significant global market opportunity. Investment in clean energy technologies has the potential to create high-value jobs, attract private capital, drive productivity, and establish leadership in rapidly expanding global markets. Both the UK and Singapore recognise that innovation and business growth will be critical in scaling commercially viable solutions that support economic success while enhancing social sustainability and delivering meaningful reductions in carbon emissions.

Clean energy technologies are also central to strengthening resilience and reducing dependence on imported fossil fuels. As countries seek to diversify energy supplies and build more flexible and robust energy systems, there is growing demand for innovations that support renewable energy integration, low-carbon fuels, smart energy networks, energy storage and industrial decarbonisation. These technologies will play a critical role in enabling the transition to a more secure and resource-efficient global economy.

The UK has developed significant strengths across the clean energy innovation landscape whilst, at the same time, Singapore is investing strategically in technologies that can decarbonise its power, maritime, industrial and chemicals sectors, creating strong opportunities for international collaboration and commercialisation. With these shared ambitions and complementary strengths, we have invited eight high-growth potential, innovative companies from the UK who are developing solutions to accelerate the clean energy transition and support industrial decarbonisation.

These include innovations across the following focus areas:

- Hydrogen, Ammonia and Low-Carbon Fuels
- Energy Storage Systems
- Smart Grids and Grid Modernisation
- Renewable Energy and Solar Technologies
- Industrial Decarbonisation and Energy Efficiency
- Maritime Decarbonisation and Alternative Fuels
- AI and Digital Technologies for Energy Systems
- Sustainable Buildings and Urban Energy Solutions

Singapore and UK Cooperation

The UK is actively seeking international research and development collaboration partners to exploit and continue the development of these clean energy technologies. Building on the strong mutual interest in co-innovation between Singapore and UK companies, in 2021 Enterprise Singapore (ESG) and Innovate UK, the UK's innovation agency, signed a Memorandum of Understanding (MOU) to strengthen cooperation in "co-innovation" and joint research and development. This is to enhance enterprise competitiveness and facilitate "go-to-market" partnerships in emerging technologies. This MoU was re-signed in 2024 with Clean Energy Technologies recognised as a joint priority. Under the MOU, ESG and Innovate UK have now launched the Singapore-UK Bilateral Co- Innovation Programme (CIP) to develop and fund eligible innovation projects between Singapore and UK enterprises in areas including clean energy Technology.

The CIP has run four bilateral funding calls between the UK and Singapore supporting 50 joint projects. The latest joint CR&D Call launched earlier this year with clean energy one of the in-scope sectors.

[Apply here](#)







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Profile

AceOn Group is a Telford-based UK specialist in battery and energy storage technology, with over 30 years of expertise supplying advanced battery solutions across renewable, industrial, and consumer markets. Building on this heritage, AceOn is pioneering innovative clean energy models, including swappable battery systems designed for marine, off-grid, and e-mobility applications.

The company is now establishing a new operation in Africa, extending its reach into fast-growing energy access markets where reliable, sustainable storage can transform communities and businesses.

Committed to decarbonisation and energy resilience, AceOn combines deep engineering knowledge with a mission-driven approach, developing scalable solutions that support the global transition to clean, affordable, and dependable power.

Objectives

AceOn Group aims to establish Singapore as the proving ground for its Energy-as-a-Service model, centred on the 2.4 kWh swappable battery pack for electric harbour craft.

A primary objective is mapping AceOn's pack, BMS, swap cabinet and vessel interface against TR 136, defining a clear testing and certification route. During initial visits, AceOn will build links with MPA/Enterprise Singapore, testing bodies and harbour-craft operators, seeking two or three credible operators with genuine use cases and gathering real operating data to validate utilisation and pricing.

A key goal is positioning AceOn for a UK–Singapore collaborative R&D bid in December. AceOn ultimately seeks a route from development into commercial deployment, building the partnerships needed to unlock the wider Southeast Asian opportunity.





UK BATTERY & ENERGY STORAGE SPECIALISTS

Renewable Energy & Battery Storage Solutions Provider

Solutions for a greener future — from portable power to utility-scale BESS, engineered and managed end to end.

33+

YEARS' EXPERIENCE

48kWh–5MWh+

STORAGE RANGE

CommandOS®

PROPRIETARY EMS

AceOn Group is a **UK family business at the forefront of battery innovation and energy storage**. We help renewable developers and installers store more energy, overcome grid constraints and turn clean generation into lasting value — delivered as complete, managed systems at any scale.

33+

Years'
experience

805+

Storage systems
installed

1,870+

Satisfied
clients

2.3M+

Battery packs
delivered

What we do

Complete storage systems

One of the UK's leading battery manufacturers — from portable power units to modular and utility-scale BESS, matched to every grid connection and duty cycle.

CommandOS® energy management

Our UK-built EMS delivers real-time dispatch, grid-code compliance and full-site SCADA — peak shaving, load shifting and revenue stacking across the whole BESS ecosystem.

DC-coupled solar innovation

Coupling solar directly to the battery DC bus overcomes DNO connection limits — unlocking far greater solar, savings and return within existing grid constraints.

Portable power

Modular BESS

All-in-one cabinets

BESS containers to 5MWh

Sodium-ion & graphene R&D

Global project delivery

CASE STUDY · UK 2026

NHS, Hull

4MWh · 8MWh

CASE STUDY · UK 2025

Shoreham Port

250kW · 2MWh

DELIVERED WORLDWIDE

Global reach

UK · EU · USA · APAC

Offering solutions for a **greener future**.

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AIM Group



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Profile

AIM Group helps owners of energy and civil infrastructure get more from their existing assets. Its AI learns how each wind turbine or bridge is expected to perform under real operating conditions such as wind and load. It shows when an asset is underperforming, explains why, and finds faults early, before they become costly failures.

For wind farms, this means more generation and fewer unplanned stops. For bridges, it means safer assets that stay open for longer and maintenance that is planned rather than reactive. AIM works with existing sensor and SCADA data, so no new hardware is needed. The platform is proven on UK bridges and on wind turbines across Europe. AIM began at Imperial College London and is backed by Innovate UK.

Objectives

AIM aims to work with owners, operators and O&M providers across energy and infrastructure, including onshore and offshore wind farms and bridge and highway authorities. Where assets already collect sensor or SCADA data, AIM can use it to improve performance, catch faults early and lower maintenance cost.

AIM is also seeking partnerships with sensor and monitoring companies that need an analytics layer that works with their hardware rather than replacing it. Its goal is to help asset owners increase revenue, keep their assets safe and extend their working life, while showing that its results transfer across sectors.



Smarter wind farms. Safer bridges.

AI that learns how each asset should perform, finds faults early and explains why. Built on the data you already collect.

Learns each asset

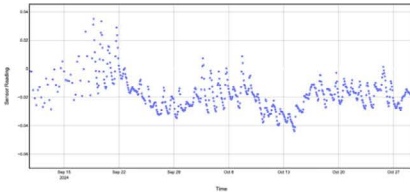
Finds faults early

Explains why

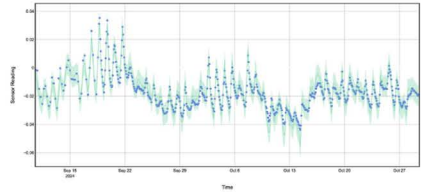
No new hardware

EXPECTED VS ACTUAL PERFORMANCE

Raw sensor data



AIM learned baseline + 99% confidence



For energy

More generation and fewer unplanned stops.



For infrastructure

Assets stay open for longer, with maintenance that is planned, not reactive.



Uses your data

Works with existing sensor and SCADA systems. No new hardware.

Proven on UK bridges and on wind turbines across Europe. Founded at Imperial College London and backed by Innovate UK.

Book a demo on your own data

Scoping call, live demo, then a paid proof of concept.

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Alta Vision



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Profile

Alta Vision is a UK clean energy company. We build Oversight, an AI platform that forecasts generation and demand from individual sites up to feeder, substation and system level, and controls rooftop solar inverters, batteries and flexible loads whatever the brand.

Our customers are distribution utilities, aggregators and solar asset owners who need visibility and control of distributed energy they do not own. Oversight is deployed with Lanka Electricity Company, a national distribution utility, for load forecasting and inverter monitoring and control, and it runs live mini-grid sites.

We also install solar and battery systems in the UK and Sri Lanka, and the group has completed more than 2,500 installations with 75 staff since 2013.

Objectives

Alta Vision is in Singapore to find a co-development partner that puts Oversight to work on local assets. Singapore has substantial rooftop solar and a growing storage fleet, but controlling those devices across mixed equipment brands remains a gap as EMA finalises its rules for virtual power plants.

We are looking to work with aggregators, solar developers, utilities and research institutes to test our forecasting and control layer against Singapore equipment, standards and network conditions, using local grid testing facilities.

Alta Vision holds four Innovate UK awards for energy innovation, including two international collaborative R&D projects. From the programme we are looking for named technical partners, a pilot, and the groundwork for a Singapore operation and a regional base.





Your Energy. Under Control.

Monitor

Every asset, every brand, on one screen, no more juggling vendor portals.

Optimize

Cut peak charges, shift load to cheap hours, and earn from flexibility.

Control

Switch, dispatch, and tune inverters, storage, and loads from anywhere.

Forecast

Know tomorrow's peaks and dips before they hit, and plan around them.



Solar PV



Batteries



EV Chargers

ALTA VISION

Let's build the future of energy together.

13+

Years Operation
History.

2,500+

Installations Delivered
(Solar + Battery + Smart Control)



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Endo Enterprises



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Profile

Endo Enterprises UK Limited is a British climate-technology innovator transforming building efficiency through proven, scalable solutions that cut energy consumption, operating costs and carbon emissions. Its award-winning EndoTherm and EndoCool technologies enhance heat transfer within heating and chilled-water systems, delivering significant efficiency gains without costly infrastructure replacement.

EndoTherm is installed in over 200,000 buildings worldwide, demonstrating the scale, maturity and global impact of Endo's technology. EndoCool has demonstrated measurable cooling-energy and carbon savings and was selected among eight global finalists in The Liveability Challenge 2026.

Endo is now positioned to make Singapore a strategic launchpad for cleaner, smarter and more energy-efficient buildings across Asia.

Objectives

Endo Enterprises UK Limited's objective is to accelerate the global transition to cleaner, more energy-efficient buildings through innovative technologies that deliver measurable reductions in energy consumption, carbon emissions and operating costs.

Building on EndoTherm's deployment in over 200,000 buildings worldwide, Endo aims to scale proven solutions while advancing EndoCool for energy-intensive cooling markets.

A key objective is to establish Singapore as a strategic innovation and commercialisation hub, demonstrating Endo's technologies within warmer environments and expanding throughout Asia-Pacific.

Through partnerships, validation and continuous innovation, Endo seeks to make high-impact energy efficiency simple, scalable and commercially compelling, supporting organisations and cities in achieving ambitious decarbonisation goals.





**ENDO
ENTERPRISES™**
ADVANCED WATER TREATMENT SOLUTIONS

ENERGY PERFORMANCE SYSTEMS
FOR A BRIGHTER TOMORROW

SMARTER
BUILDINGS
LOWER EMISSIONS
STRONGER
COMMUNITIES

PROVEN TECHNOLOGY FOR A LOWER CARBON, BRIGHTER TOMORROW

Cutting energy use, carbon emissions and operating costs in buildings worldwide through innovative, scalable solutions.



EndoTherm®

MAXIMUM HEAT TRANSFER
MINIMUM ENERGY USE

Enhances heat transfer in heating systems, delivering significant energy and carbon savings without costly infrastructure replacement.



EndoCool®

COOLER BUILDINGS
GREENER TOMORROWS

Improves heat transfer in chilled-water systems, reducing cooling energy consumption and carbon emissions in even the most demanding climates.



LOWER
ENERGY
CONSUMPTION



LESS
CARBON
EMISSIONS



REDUCED
OPERATING
COSTS



NO DISRUPTION
OR MAJOR
RETROFIT



PROVEN,
SCALABLE
RESULTS



INSTALLED IN OVER
200,000
BUILDINGS WORLDWIDE

A GLOBAL TRACK RECORD
DELIVERING REAL IMPACT
FOR A MORE SUSTAINABLE
BUILT ENVIRONMENT.

POWERING A LOWER CARBON, SMARTER ASIA-PACIFIC

Establishing Singapore as a strategic innovation and commercialisation hub to drive lower carbon, more energy-efficient buildings across Asia.

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Lanemark



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Profile

Lanemark Combustion Engineering is a UK designer and manufacturer of industrial gas burner systems for process-air and process-liquid heating.

With 45+ years of combustion engineering experience, Lanemark supplies efficient industrial heating systems. Its FD burners heat air for ovens, dryers and paint-finishing lines, while its TX systems heat liquids in surface-treatment and other process tanks. Both deliver heat directly where it is needed, helping customers improve energy efficiency and process performance.

Lanemark combines in-house engineering, manufacturing, testing, commissioning and technical support with an established international distributor network. Around 44% of sales are generated outside the UK, and the business is certified to ISO 9001, ISO 14001 and ISO 45001.

Objectives

Lanemark aims to accelerate the development and commercialisation of hydrogen-capable FD and TX burner systems, enabling industrial customers to transition from natural gas or LPG to hydrogen blends and, ultimately, 100% hydrogen.

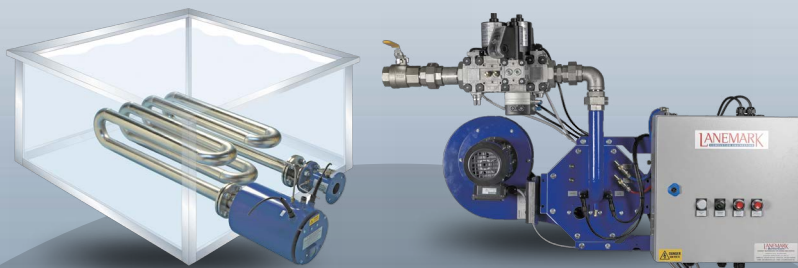
Through the Singapore programme, the company will validate market needs, regulatory requirements and the technical pathway for local deployment. Working with research and energy partners, Lanemark intends to identify suitable pilot applications, agree a testing route and secure a first commercial opportunity.

Its wider objective is to grow high-value exports, strengthen long-term partnerships in Singapore and establish a scalable route into Southeast Asian industrial decarbonisation markets.



Industrial Process Heat Tested to 100% Hydrogen

Efficient FD and TX burner systems for ovens, dryers, finishing lines and heated process tanks.



Efficient

>80%

Typical TX Tank heating efficiency

Heat delivered directly where it is needed

Fuel Flexible

0-100% H₂

Six independently tested blends

FD to 250 kW | TX to 50 kW

Lower Direct Carbon

0 CO₂

Direct fuel combustion CO₂ at 100% hydrogen *



45+ Years of Combustion Engineering

www.lanemark.com

UK Design, Manufacture, Installation, Commissioning & Support

*At point of combustion; upstream emissions depend on the hydrogen source.
NOx control at high hydrogen concentrations remain under development.



LightFi



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Profile

LightFi develops smart wireless sensors, controllers and software to enable advanced HVAC automation. Our core novel system has delivered energy savings in commercial buildings through Demand Controlled Ventilation (DCV), with an average return on investment of 1.5 years.

Advanced HVAC automation, like DCV, allows buildings to respond more closely to how they are actually being used, reducing unnecessary HVAC while improving comfort. The solution not only saves energy but enables better use of existing cooling systems, increasing effective capacity and HVAC system resilience during unusually hot weather.

LightFi's wireless technology enables high-density sensing and controller retrofits in existing buildings without the cost and disruption of traditional cabling.

Objectives

Existing Mandatory Energy Improvement (MEI) regulations require commercial buildings over 5,000m² to reduce their Energy Use Intensity (EUI - kWh/m²/year). This exactly aligns with what LightFi's DCV solution delivers. We want to leverage the regulations to accelerate adoption, from in-country demonstrator pilots, direct deployments and scaling through distributor partners.

1. Pilot DCV project in one or more buildings to demonstrate savings and return on investment in Singapore.
2. Connect directly with local commercial real estate (CRE) owners, REITs and large occupiers. Explore relationships with local engineers and installers as on-the-ground delivery partners.
3. Establish commercial partnerships with distributors, property management, facilities management and hard-services companies for long-term route-to-market.



Energy efficiency

Comfort

Resilience

Designed for retrofit

LightFi's wireless **sensors**, **controllers** & **automation** strategies such as Demand Controlled Ventilation have delivered:

- 10% energy savings, sub-2-year ROI
- Fewer complaints & improved comfort
- Increased HVAC resilience



LightFi's hardware:

- **Environmental sensors** (CO₂, WELL)
- **People counting** (% , #, PIR)
- **Field controllers** (FCU, VAV)
- **BMS integration** (BACnet/IP)

Wireless design for cost-effective install, no down-time & fast ROI

LightFi's software and support:

- Trusted data, direct to cloud
- Advanced analytics
- Fault-detection & diagnostic
- BMS overwatch
- Future-proof & expandable



Polysolar



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Profile

Polysolar has been turning buildings into power generators since our founding in Cambridge in 2007, helping power a cleaner future. We provide building integrated photovoltaic (BIPV) solar solutions: solar glass that replaces glazing, cladding or roofing while generating clean energy.

Our solutions have been used in over 750 installations worldwide, from stadiums to street furniture. Alongside this, we're leading developers of organic photovoltaics (OPV), an innovative, next generation, printable, low cost solar technology backed by several Innovate UK funded programmes. And our agrivoltaics work is growing worldwide, generating power on farmland, glasshouses and open water so that land can grow food and energy at once. Whether it's a building, a field or open water, each technology brings us closer to a more sustainable future.

Objectives

We're coming to Singapore to build partnerships, research its fast-growing BIPV market, and use it as a stepping stone into the wider Southeast Asian market. Singapore is high tech, innovative and full of early adopters, and we want to learn from that.

Our main focus is building technical and research partnerships to commercialise our organic photovoltaics (OPV) internationally. Where developers are ready to install BIPV, we'll also introduce our thin film solar product.

We want independent validation of our technology in this new tropical climate, and want to see how agrivoltaics could support Singapore's food and energy goals. With Singapore's solar target rising to 3 GWp by 2030 and 80% already on rooftops, the next gigawatt has to come from facades, canopies and water.



Polysolar

Solar that **is** the building.

Solar glass, façades, roofs and canopies that generate clean power as part of the structure itself.

Polysolar designs, supplies and project-manages building integrated solar solutions. Our transparent and lightweight PV replaces ordinary glazing, roofing and shading, so a roof, a façade or a car park earns its keep from day one.

01

Generates power

02

Replaces glazing and roofing

03

Lightweight and low profile

04

Design to installation

BUILT AND GENERATING

**LONDON STADIUM****SOLAR FAÇADE****STATION ROOF ARRAY****SOLAR TREES****BUS SHELTER, CANARY WHARF**

Let's build a clean, green-powered future.

Send us your ideas and we will tell you what the surface could generate.

polysolar.co.uk

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Profile

SolarSub is a UK clean energy technology company developing passive cooling solutions for photovoltaic modules.

Heat significantly reduces solar panel performance and accelerates degradation, particularly in hot climates. SolarSub's technology is integrated into the PV module during manufacture, reducing operating temperature without pumps, external power or changes to standard deployment.

The system is designed to increase energy generation by up to 20%, extend asset life and improve project economics. SolarSub is progressing commercial-scale trials in Singapore, Spain and other high-temperature markets, while working with research partners, utilities and PV manufacturers to validate performance, support product integration and prepare for international scale-up.

Objectives

SolarSub's objective is to establish Singapore as a commercial and manufacturing launchpad for expansion across Southeast Asia.

Through the trade mission, we aim to build relationships with solar developers, utilities, PV manufacturers, investors and strategic partners that can support further pilots, commercial deployments and local manufacturing. A key priority is converting our Singapore trial activity into follow-on projects and building the evidence required for wider regional adoption.

Longer term, SolarSub plans to scale through a capital-light licensing model with established PV manufacturers, using Singapore to strengthen market credibility, secure regional partnerships and accelerate deployment of the technology across high-temperature solar markets in Asia.



SOLARSUB



SOLARSUB

COOLER PANELS. HIGHER YIELD.

Passive, zero-energy-input cooling technology for PV modules built to reduce heat, improve output and slow degradation.

➤ Higher yield

up to 20% more output

ZERO Operating Cost

Passive heat removal

✓ Longer life

no moving parts

Floating solar + wider PV applications

Designed to extract heat without an energy penalty.

HOW SOLARSUB WORKS

Heat is pulled away from the module and transferred to water as a natural heat sink.



Passive by design

No pumps, no moving parts and no extra energy input. The system removes excess heat from the panel so it can operate closer to its ideal temperature.

Extract excess heat

Transfer to water

Improve PV output

REAL RESULTS. REAL DEPLOYMENT.

From lab validation to real-world trials, SolarSub is preparing for commercial-scale deployment across warmer and water-based solar markets.

£1.34m

funding round completed in 2026 to accelerate deployment.

20%

PEAK GAINS

Recorded during outdoor testing at Heriot-Watt University Dubai.

0 OPEX

COMPLETELY PASSIVE

No moving parts, extracting the heat passively without use of energy.

Existing Deployments

VALIDATED

Deployed in 3 countries, UAE, Spain & Scotland

Backed by Sustainable Ventures, Zinc VC, Scottish Enterprise, Old College Capital, SFC Capital, British Business Bank and Innovate UK support.

Make every module work harder.

A cooler panel. A stronger return.



www.solarsub.co.uk



contact@solarsub.co.uk

Source note: SolarSub website and September 2026 SolarSub funding announcement.

Notes

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UK