

B2B ENERGY NETWORK

TECHNOLOGY & SERVICE

B2B
ENERGY
NETWORK
TECHNOLOGY &
SERVICE
LIBRARY

Prepared by Paul Webb MIE Chartered Energy Manager

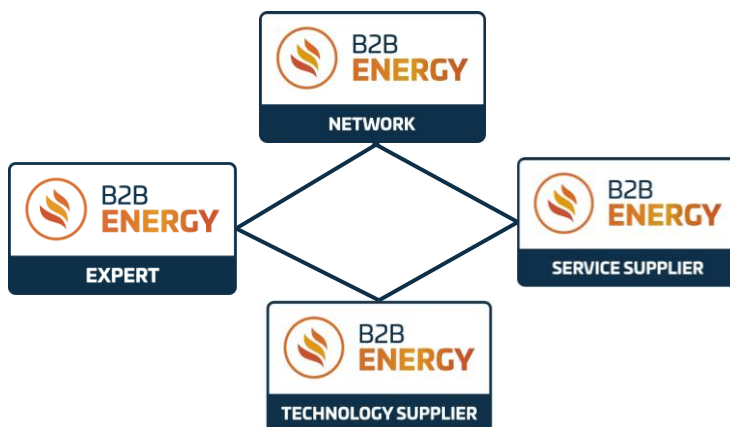
Energy and Sustainability Library

April 2025 Issue

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Introduction

The B2B Energy Network Energy and Sustainability Library is a central hub for gathering and showcasing innovative technologies and ideas that support businesses in saving energy and reducing their environmental impact.

Heating

Novenco Ltd

Potential Savings: 60%

Description: This technology is perfect for the AHU and Ventilation Plant. Novenco, established in 1947, is a Danish leader in HVAC+R systems for land-based and marine applications. With over 75 years of expertise, it offers energy-efficient, durable solutions compliant with international standards. Its products include axial and centrifugal fans, air heaters, and accessories, used for ventilation, smoke control, and efficient heating in industrial and commercial settings. Acquired by Hi Air Korea in 2013, Novenco serves a global market through subsidiaries and agents, delivering innovative and reliable climate control solutions. The company remains committed to sustainability and efficiency across various industries worldwide.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **YES**

Does their technology provide proof of saving = **YES**

Website: <https://www.novenco-building.com/>

Contact: **Joe Perkins**

Email: JPE@novenco-building.com



Heating

T&M Supplies

Potential Savings: 60%

Description: T&M Supplies Ltd provides custom-made removable insulation and acoustic covers for industrial applications. Their solutions reduce heat loss, lower noise levels, and improve safety across sectors including power generation, manufacturing, and marine. Designed for easy removal and reinstallation, their covers support maintenance efficiency while enhancing energy performance and sustainability.

Have they visited any of the B2B Energy Portfolio = **No**

Are they prepared to carry out trials = **No**

Does their technology provide proof of saving = **YES**

Website: <https://www.tandmsupplies.co.uk/>

Contact: **Pritesh Mistry**

Email: pritesh@tandmsupplies.co.uk



Cooling

Emissis Ltd

Potential Savings: 20%

Description: Emissis is a leading energy and cleantech company helping private and public sector businesses to unlock the benefits of reducing carbon emissions and energy use. We help our customers to understand how they can use proven modern technology, and support services, to transition to net zero carbon operations.

Energy Management on AC Systems, Refrigeration and Voltage Optimisation.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **TBA**

Does their technology provide proof of saving = **YES**

Website: <https://emissis.co.uk/>

Contact: **Graham Robson**

Email: graham.robson@emissis.com



Power

Vest Energy

Potential Savings: TBA

Description: The company helps businesses reduce costs, meet carbon reduction targets, and alleviate grid pressure through tailored battery storage solutions. From initial assessment to ongoing operation, the company delivers affordable, sustainable energy systems designed to optimise efficiency and environmental impact. By providing intelligent energy solutions, the company enables businesses to save money while contributing to a greener future.

Have they visited any of the B2B Energy Portfolio = **No**

Are they prepared to carry out trials = **TBA**

Does their technology provide proof of saving = **TBA**

Website: <https://www.vest.energy/>

Contact: **Aaron Lally**

Email: aaron@vest.energy



Power

Perfect Sense Energy

Potential Savings: TBA

Description: Perfect Sense Energy is a UK-based provider of commercial renewable energy solutions, offering expertise in the design, supply, and installation of high-performance solar photovoltaic (PV) systems.

They support businesses across the UK in reducing energy costs and achieving sustainability goals through tailored, efficient solutions. In addition to solar PV, Perfect Sense Energy delivers a range of complementary technologies including LED lighting, electric vehicle (EV) charging infrastructure, and far infrared heating systems.

Their core approach is based on three principles: "Buy Better," "Use Less," and "Generate Your Own" energy, ensuring clients benefit from cost savings and improved energy efficiency.

Have they visited any of the B2B Energy Portfolio = **Yes**

Are they prepared to carry out trials = **Yes**

Does their technology provide proof of saving = **YES**

Website: <https://perfectsenseenergy.com/>

Contact: **Andrew Heaton**

Email: andy.heaton@perfectsenseenergy.com



Power

Lightwave RF

Potential Savings: 60%

Description: LightwaveRF is a smart commercial and home technology company offering innovative solutions for home automation and energy management. Its products include smart lighting, heating, and power control systems, all designed to enhance convenience, efficiency, and sustainability. With seamless app integration, LightwaveRF empowers users to monitor and control their homes from anywhere.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **YES**

Does their technology provide proof of saving = **YES**

Website: <https://shop.lightwaverf.com//>

Contact: **Simon Lane**

Email: simon.lane@lightwaverf.com



Power

Centrica Business Solutions

Potential Savings: TBA

Description: Centrica Business Solutions offers advanced Combined Heat and Power (CHP) solutions, enabling businesses to achieve greater energy efficiency and cost savings while reducing their carbon footprint. CHP systems generate both electricity and useful heat from a single fuel source, delivering an efficient and sustainable alternative to traditional energy supply methods. Designed to meet the needs of diverse industries, Centrica's CHP solutions provide reliable, on-site energy generation that improves operational resilience and supports decarbonisation efforts. With tailored design, installation, and maintenance services, Centrica Business Solutions empowers organisations to optimise their energy performance and take significant strides toward achieving sustainability goals.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **No (but they will do £0 desktops)**

Does their technology provide proof of saving = **YES**

Website: <https://www.centricabusinesssolutions.com/>

Contact: **Martin Wager**

Email: martin.wager@centrica.com



Energy Management

Quintex (Cheetah)

Potential Savings: 80%

Description: The company delivers innovative solutions that empower energy users to achieve their environmental goals, enhance profitability, and create added value. With a unique portfolio of energy-saving and grease management systems, energy surveys and audits, as well as advanced monitoring and measurement capabilities, the company provides comprehensive support tailored to client needs.

Operating across Europe, the company offers a full suite of services, including design, planning, and product selection. This extends to on-site assessments, installation coordination, and robust service and maintenance programs to ensure long-term efficiency and reliability.

Have they visited any of the B2B Energy Portfolio = **YES**

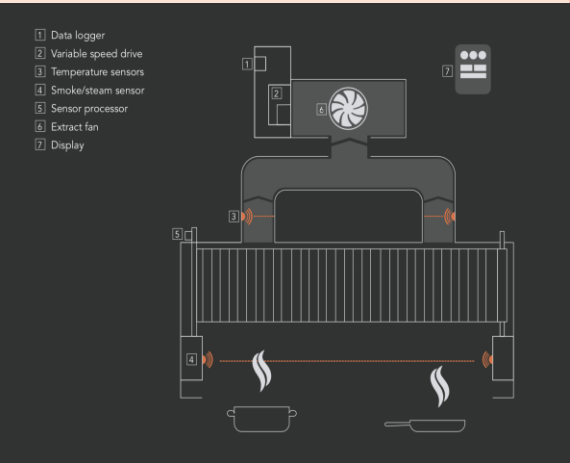
Are they prepared to carry out trials = **TBA**

Does their technology provide proof of saving = **YES**

Website: <https://quintex.co.uk/.com/>

Contact: **Chris Stevens**

Email: chris.stevens@quintex.com



Energy Management

Innovative Creations Ltd

Potential Savings: TBA

Description: Innovative Creations Ltd specialises in designing and delivering cutting-edge solutions across various industries. With a focus on creativity and efficiency, they provide bespoke products and services tailored to client needs. From concept to completion, Innovative Creations Ltd combines innovation and expertise to drive progress and deliver exceptional results.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **No**

Does their technology provide proof of saving = **YES**

Website: **<https://intelligent.industries/>**

Contact: **James Brand**

Email: James@InnoCreate.com



Energy Management

Smart Cool Ltd

Potential Savings: 20%

Description: Smart Cool Ltd is a UK-based engineering firm specialising in the installation, service, and maintenance of air conditioning, refrigeration, and ventilation systems. With over 25 years of industry experience, the company offers nationwide services across various sectors, including modular buildings, commercial refrigeration, and domestic air conditioning

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **YES**

Does their technology provide proof of saving = **YES**

Website: <https://www.smartcooltd.co.uk/>

Contact: **Mat Hughes**

Email: mat.hughes@smartcool.net



SMARTCOOL™

Energy Management

IMServ Europe Ltd

Potential Savings: 6%

Description: IMServ Europe Ltd is one of the UK's leading independent energy data management providers, offering comprehensive metering and data solutions across electricity, gas, and water sectors. Established in 1992 and headquartered in Milton Keynes, IMServ manages over 250,000 metering points, covering approximately 25% of the UK's electricity consumption . Their services encompass advanced metering, smart metering, data collection, and energy visualisation tools like DataVision, enabling businesses to monitor and optimise energy usage effectively . IMServ plays a pivotal role in the UK's energy infrastructure, contributing to initiatives like the Balancing & Settlement Code (BSC) Central Services by collecting and analysing half-hourly energy consumption data .

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **No**

Does their technology provide proof of saving = **YES**

Website: <https://imserv.com/>

Contact: **Paul Farrell**

Email: paul.farrell@imserv.com



Energy Management

Alliance Powered Solutions Ltd

Potential Savings: TBA

Description: APS Consulting recognises that many businesses don't have the time or resources available to spend time finding, evaluating and choosing the best, most effective or cost efficient renewable and energy efficiency solutions.

APS has created a procurement solution process to assist companies that face these issues covering their CSR, ESG, Carbon Reduction and trajectory towards Net Zero.

Have they visited any of the B2B Energy Portfolio = **No**

Are they prepared to carry out trials = **NA**

Does their technology provide proof of saving = **No**

Website: <https://www.apsconsulting.net/>

Contact: **Paul Vine**

Email: paul@apsconsulting.net



Energy Management

RPAC

Potential Savings: TBA

Description: RPAC is a U.S.-based energy advisory and consulting firm specialising in comprehensive energy management solutions. Their services encompass energy procurement, efficiency optimisation, and sustainability initiatives, aiming to help organisations control energy expenses and consumption.

Key offerings include life-cycle management, smart building technology, risk management, and compliance support for regulations. RPAC also provides solar solutions, rebate management, LED lighting upgrades, and EV charging infrastructure, delivering end-to-end support from strategy development to implementation.

Have they visited any of the B2B Energy Portfolio = **No**

Are they prepared to carry out trials = **NA**

Does their technology provide proof of saving = **No**

Website: <https://rpac.net/>

Contact: **John Martorella**

Email: jmartorella@rpac.net



Energy Management

Sun-X

Potential Savings: 15%

Description:

Sun-X is a leading provider of specialist window films, blinds, and glazing solutions. Holding a Royal Warrant, they supply and install UV control, solar control, and safety films for heritage and commercial buildings. Trusted by royalty, Sun-X enhances comfort, protection, and energy efficiency with precision and prestige.

Have they visited any of the B2B Energy Portfolio = **Yes**

Are they prepared to carry out trials = **NA**

Does their technology provide proof of saving = **Yes**

Website: <https://www.sun-x.co.uk/>

Contact: **James Wilson**

Email: james@sun-x.co.uk



Water

The Waterblade

Potential Savings: 50% Water Consumption

Description: The Waterblade by Bamfords is an innovative water-saving device designed for taps, reducing water consumption while maintaining effective flow. Its unique design creates a thin, efficient sheet of water, cutting usage by up to 50%. Ideal for sustainability-conscious homes and businesses, it supports water conservation without compromising on performance.

When we conducted the trial on the concourse, we achieved a 75% measured saving.

Have they visited any of the B2B Energy Portfolio = **YES**

Are they prepared to carry out trials = **YES**

Does their technology provide proof of saving = **No but it is easy to prove.**

Website: <https://www.thewaterblade.com/>

Contact: **Nigel Bamford**

Email: nigel@bamfordswaterblade.com



Honorary Energy Experts

Name	Email	Country
Michael Mann	mike.mann@ususgroup.com	United Kingdom
John Mulholland	john@mulhollandenergy.co.uk	United Kingdom
Hugh Leaman	hugh@hotwells.co.uk	United Kingdom
Hector Garcia	hgarcia@dsconfluence.com	Mexico
Robert Allender	allender@energyusestrategyadvisors.com	Hong Kong
Eric Phillips	eric@ecoveryinnovations.com	United Kingdom

Global Energy Experts

Name	Email	Town	Country
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Herman Henk	Herman@HaHeRND.eu	Amsterdam	Netherlands
Lee Pickersgill	lee.pickersgill@valoreurope.com	Newcastle	United Kingdom
Lucy Neil	lucy.neil@allbms.co.uk	London	United Kingdom
Richard Galvin	richard.galvin@sky.com	Leeds	United Kingdom
Marcus Dodsworth	marcus.dodsworth@rotateltd.com	Lowestoft	United Kingdom
Ian Ross	ianross@m3automation.co.uk	Basingstoke	United Kingdom
Jon Cullum	joncullum@greenwinguk.com	Bournemouth	United Kingdom
Mat Hughes	matt@aepglobal-co.com	Manchester	United Kingdom
George Douglas	George@douglasenergysolutions.co.uk	Reading	United Kingdom
Jeremy Carter	jeremy@carterenergyconsulting.co.uk	Norwich	United Kingdom
Gareth Hughes	gareth.hughes@zeronify.com	Chester	United Kingdom
Eric Phillips	eric@ecoverynnovations.com	Midlands	United Kingdom