

ENERGY ROADSHOW TO POLAND

May 12-15, 2026 | POLAND





LAVA

<https://lavapower.com>

Isothermal Engine Technology for Efficient Electricity Generation

Sub-Sector

Energy Generation

Profile

LAVA develops advanced thermodynamic technologies to improve the efficiency and economics of heat-to-electricity and electricity-to-heat conversion. Its solutions include an isothermal heat engine for zero-emission electricity generation, a high-efficiency isothermal heat pump for industrial heating and cooling, and the Carnot Battery for long-duration energy storage. These innovations aim to provide cost-effective, high-performance solutions for energy and industrial applications.



Prisma Photonics

<https://www.prismaphotonics.com/>

Utility Monitoring for Large-scale Infrastructure

Sub-Sector

Energy management optimization

Profile

Prisma Photonics has developed a long-range infrastructure monitoring system utilizing their Hyper-Scan Fiber-Sensing technology. This innovative approach employs lasers and optical fibers to detect changes in the physical properties of infrastructure, such as temperature, strain, and vibration. The system is capable of identifying a range of potential issues by analyzing these variations, providing operators with crucial alerts and insights into the condition of the monitored infrastructure.



Elspec Engineering

<https://www.elspec-ltd.com/>

Power Quality Analysis and Factor Correction

Sub-Sector

Energy management optimization

Profile

Elspec Engineering is a technology provider of electrical power quality analyzers, real-time power factor correction systems, and energy-saving solutions for the industrial, commercial, and utility sectors. The companys installations include data centers, plastic and silicon factories, electrical utilities, commercial buildings, car manufacturers, healthcare centers, and port authorities.

Elspecs infrastructure of partners and authorized representatives extends across 75 countries.



Maverick AI is now **Psistar**

<https://ai-maverick.com/>

Agentic O&M for Mission-Critical Operations

Sub-Sector

Energy management optimization

Profile

We build an agentic team member for high-stakes operations, air-gapped, fully local, and capable of monitoring, predicting, and explaining system behavior alongside your team. Our dual-engine technology combines a Cognitive Engine, trained on engineering documentation such as P&IDs, SOPs, and technical manuals to reconstruct the facility's operational logic, with a proprietary Perception Engine trained on chaotic system dynamics rather than just historical logs. Grounded in real physics, it ensures predictions never violate physical laws and can generalize zero-shot across different asset classes without retraining. The result is a shift from data overload to operational logic-delivering meaningful predictive insights, forecasting anomalies, explaining causality, and embedding the expertise of your best operator at every console, 24/7, even offline and under pressure.



Airovation Technologies

<https://www.airovation-tech.com/>

Carbon Capture Utilization & Storage

Sub-Sector

CCUS

Profile

Airovation is a climate-tech company developing an advanced platform for carbon capture and mineralization, converting industrial CO₂ emissions and waste into valuable materials such as calcium carbonate. The company enables cost-effective decarbonization across industries, including fertilizers, cement, and low-carbon hydrogen.

Airovation operates globally, with activities in Texas (USA), Seoul (South Korea), Belgium, and Israel



Flower Turbines

www.flowerturbines.com

Wind turbines energy generation

Sub-Sector

Energy generation

Profile

1. Flower Turbines is a small wind turbine company that already manufactures in Poland for the EU market. There are many unique aspects to the turbines the one of most interest for projects is its potential use for large company or utility scale wind because the turbines have a cluster effect (patents granted in the EU) whereby each one added to a group makes the rest of the turbines perform better. This means that once you install 10 of our larger size turbines in a windy area, we can match the cost effectiveness of solar and are many times more space-effective than solar or large wind.
2. Patented product named Wind Energizer in the company **Leviathan Energy** that sets up objects distant from a large wind turbine in such a way that we alter the wind to their benefit and generally increase their output by 30% or more. It is based on Computational Fluid Dynamics.
3. Product for run of river power--getting power from a river without having to make a dam. Tested by a utility in the US as the best of this technology they have seen, and received several grants, including one from the US Navy.



LediTech

<https://leditech.co.il>

Thermal Energy Storage

Sub-Sector

Energy management optimization

Profile

Leditech delivers smart energy and efficiency solutions for municipalities and businesses. The company specializes in solar systems, battery storage, and energy management (EMS). It also provides advanced LED lighting solutions for streets and public spaces. Leditech helps reduce energy costs and improve sustainability. All solutions are delivered under one roof.



BrightSource Energy

<https://brightsourceenergy.com/>

Thermo-solar Technology Solutions

Sub-Sector

Solar Energy

Profile

BrightSource Energy supports and enables the global transition towards a sustainable and resilient energy ecosystem with a disruptive Energy Management System (EMS). Our flagship OASES is a flexible, powerful, and modular platform, powered by cutting-edge technologies, revolutionizes asset optimization, boosting efficiency, reliability, and profitability of all energy asset types – old, new and renewable. We bring to the market a modern SaaS system that supports the full project lifecycle, is easy to set-up and change, based on highly complex and powerful optimization and monitoring tools that are field proven in other energy applications.

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