

## Azelio and Elum Energy Join Forces to Tackle the Energy Storage Market

**Azelio and Elum Energy have partnered to deploy a solution to maximize the penetration of renewables and develop efficient control solutions for installations combining solar PV and long-duration energy storage. Bringing together both companies' advanced technologies, the solution sees Elum's monitoring and control working with Azelio's thermal energy storage system.**

Elum Energy is a leading monitoring and control solutions provider for solar plants. Its ePowerControl MC is a controller used for microgrid applications with an energy storage system. It maximizes PV penetration and the seamless integration of energy sources like PV with diesel generators alongside with a grid.

*"We are very excited to partner with Azelio. Elum's ePowerControl technology will truly bring integration flexibility and standardization robustness to demanding installations,"* explains Cyril Colin, CEO of Elum Energy.

Azelio's TES.POD® system makes renewable energy accessible and affordable at all hours of the day. The system stores energy, for example from solar PV, as heat in recycled aluminum. Stored energy is dispatched on demand for supply of electricity and usable heat, with zero emissions. As a 100 % fossil replacement, the TES.POD system can be widely used to secure cost-effective and reliable clean energy.

*"With industries and consumers around the world lacking a dependable and sustainable energy supply, Azelio's solution is ready to meet a critical need. We are proud to be partnering with Elum Energy, a market leader whose expertise in monitoring and control solutions will further optimize our system with solar PV,"* says Azelio's CEO, Jonas Wallmänder.

Where grid connections are unreliable, expensive, and fossil-based, coupling the advanced control algorithm of Elum's ePowerControl MC with the innovative energy storage technology of Azelio's TES.POD system, provides stable and reliable energy. End users can maximize PV penetration by making solar power available around the clock, and thereby reduce diesel fuel consumption during nighttime hours.

One of the key applications for the Azelio-Elum Partnership is off-grid agriculture, where long-duration energy storage is a must. In contrast to the diesel generators currently used, the joint solution design aims to cover 80% of power needs with renewable sources and long-duration energy storage. The goal is to significantly reduce the fuel consumption of the project to provide more savings and price stability for the customer over time.

Azelio and Elum Energy are committed to deploy projects in the Middle East, Africa and the US.

### For further information, contact

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### About Azelio

Azelio specializes in energy storage with electricity and heat production. The technology is revolutionary in that the energy becomes dispatchable, making renewable energy available around-the-clock. The energy is stored in recycled aluminum and converted into electricity and heat with a total efficiency of up to 90%. The solution is scalable, sustainable, and cost-efficient from 0.1 MW up to 20 MW. Azelio is headquartered in Gothenburg, Sweden. Production takes place in Uddevalla and the company maintains development centers in Gothenburg and Åmål, with a presence in Stockholm, as well as Regional Directors for Australia, US, southern Africa and the MENA region. Azelio is listed on Nasdaq Stockholm First North Growth Market with FNCA Sweden AB as Certified Adviser: +46(0)8-528 00 399, [info@fnca.se](mailto:info@fnca.se). More about Azelio: [www.azelio.com](http://www.azelio.com).

### About Elum Energy

[Elum Energy](https://elum-energy.com/) is an energy and automation company that supplies monitoring and control solutions for solar standard & hybrid energy systems. Our energy management systems (ePowerControl) are turn-key, plug & play, brand-agnostic, and suitable for solar power generation facilities coupled with diesel generators and/or energy storage. Elum also provides a monitoring solution designed for Asset Managers and O&M teams to report and improve the performance of energy sites through data intelligence. Currently over 1000 sites in more than 40 countries are already equipped with Elum's solutions. More about Elum Energy: <https://elum-energy.com/>