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Azelio in collaboration for verification of its energy storage technology also in Sweden

In addition to the planned verification in Morocco at the end of 2019, Azelio is now initiating a collaboration with the Swedish Glava Energy Center (glavaenergycenter.se) for verification of its technology also in Sweden. The collaboration enables tests close to the company's development and in system together with other renewable technologies and different grid configurations. The varying test environments accelerate the verification for a wide area of uses for an expanded market.

Azelio's thermal energy storage technology with renewable electricity production has, as previously communicated, been broadened from storage of Concentrated Solar Power (CSP) in solar belt regions to also be able to charge the storage with electricity from, for example, solar PV and wind power. With the expanded area of uses, Azelio's technology can improve productivity of both existing and planned installations of renewable electricity production for an extended range of customers in, for example, Europe and the US.

The collaboration with Glava Energy Center involves varied test possibilities for Azelio's technology's broad area of uses. The verification in Sweden will be carried out together with solar PV, where the storage unit with electricity production is placed in a container. The container solution has advantages in increased mobility of the system and the residual heat from the production of electricity can be utilized, which increases the system efficiency and the value that the system can deliver.

"The verification of the technology in Morocco at the end of this year is an important milestone and it is progressing according to plan. To also be able to verify the technology in Sweden together with solar PV shows the broad area of uses of the system and the value it can add in the transition from fossil to renewable, through improving productivity of both existing and planned renewable installations", says Jonas Eklind, CEO of Azelio.

The competitiveness of Azelio's energy storage technology is strengthened by the rapid volume increase of solar and wind energy, which results in low electricity prices, irregular supply of renewable electricity and a heavy load on the grids. Azelio's energy storage makes it possible to adapt the production of renewable electricity to demand, both for grid-connected installations and distributed microgrid systems. The lower efficiency of conversion from heat to electricity compared to, for example batteries, is compensated with lower cost for storage and the system's lifetime of 30 years without degradation of capacity.

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About Azelio

Azelio is a publicly owned Swedish company that specialises in Stirling-engine-based power solutions involving the storage of thermal power for the production of sustainable electricity on demand. The technology involved is revolutionary owing to its adaptability, allowing it to operate in systems that include other renewable solutions, and also on account of its unique capacity to store power at a low cost. The company has just over 100 employees. Its head office is in Gothenburg, its production facility is in Uddevalla, and its development centres are in Gothenburg and Åmål. It also has international offices in China, Spain and Morocco. Since early 2008, the company has invested more than SEK 1 billion in the technical development of the Stirling engine and power storage. In June 2018, the company's name was changed from Cleanergy to Azelio, and in December 2018, it was listed on Nasdaq Stockholm First North. FNCA Sweden AB, +46(0)8-528 00 399, info@fnca.se, is our Certified Adviser.



Azelio's thermal energy storage enable clean power when and where it is needed, to a low cost. The technology can improve productivity of different renewable technologies, such as solar PV and wind or as a CSP system.