



Powering food & water security

With TES.POD long-duration energy storage (LDES)

Feeding a global population expected to reach 11 billion this century is one of the world's greatest challenges. Food production is highly dependent on the availability of clean water, but today not everyone has access to it. Geo-political events, the global climate emergency, and an energy crisis affecting many countries, have rocked our food and water supply chains.

The urgency is real, but we have the technologies to help solve these complex issues. Long-duration energy storage harnesses renewable energy and supplies affordable and reliable clean power for agricultural processes and water desalination or purification.



Sustainable farming

Climate related weather events, such as droughts and flash floods, cause power interruptions and damage crops all over the world. LDES supplies decentralized power for sustainable farming operations with clean energy around-the-clock, securing livestock and avoiding wasted produce.



Desalination & purification

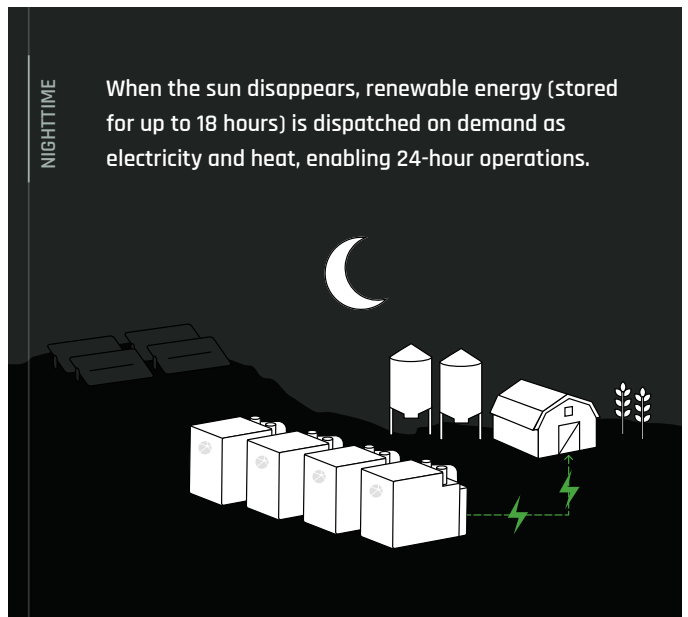
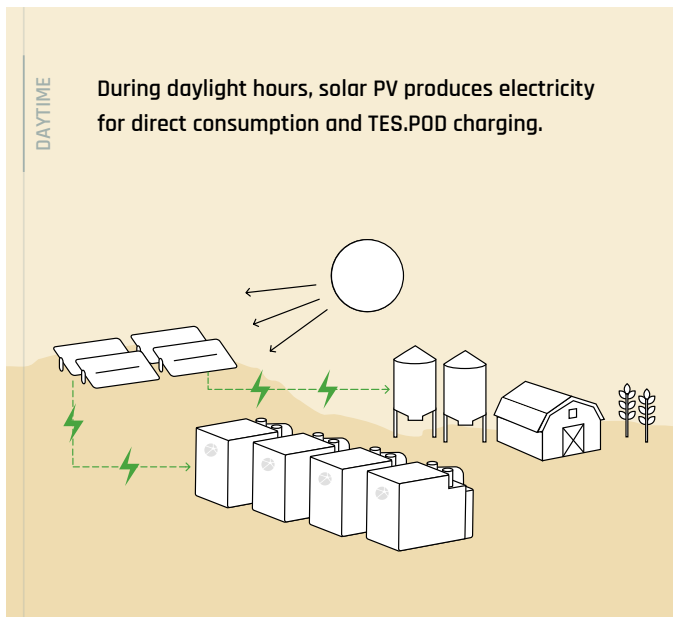
With the global temperature rising, lakes are becoming more saline and freshwater resources are impacted. Renewable desalination can address the need for purified water, and LDES is the ideal sustainable energy solution to power the process 24/7.

TES.POD – Reliable clean power in an uncertain world

TES.POD (Thermal Energy Storage – Power on Demand) provides access to renewable energy when you need it most – supplying cost-efficient electricity and heat to stabilize our most critical processes: food production and clean water supply.



How it works



Azelio – A Swedish cleantech company

Azelio is a Swedish cleantech company with a bespoke long-duration energy storage innovation for renewable energy. We aim to power the evolution of a renewable society, by solving the urgent need for controllable and affordable clean energy. Founded in 2008 / Award-winning technology / Engineered, designed, and produced in Sweden – deployed worldwide.

FIND OUT YOUR SAVINGS AND THE BENEFITS OF USING TES.POD, WITH AZELIO'S EASY-TO-USE ONLINE VALUE CALCULATOR [AZELIO.COM/VALUE-CALCULATOR](https://www.azelio.com/value-calculator)

Have more questions?

TALK TO OUR EXPERTS
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