SOLAR

energie SWE AB

IT IS THE IDEAL PARTNER FOR THE DEVELOPMENT OF SUSTAINABLE ENERGY SOLUTIONS

- Solar Energie SWE aspires to be a benchmark in the energy sector renewables, combining sustainability and economic opportunities.
- In fact, Solar Energie SWE offers investors and landowners the opportunity to generate value through the production of green energy.

A NETWORK OF HIGHLY SPECIALIZED COLLABORATING COMPANIES

SOLAR ENERGIE SWE is a specialized company in the development of greenfield projects for RES (Renewable Energy Sources) plants, with a focus on ground-mounted PV, wind and energy storage systems (BESS) exclusively on the Swedish market.

The company takes advantage of the consolidated experience of the parent company Sunvolt, implementing development models that have already been tested, but adapted to the specific regulations and landscapes of the Swedish territory. Solar Energie SWE employs a highly qualified team made up of local experts, with specific expertise in regulatory and landscape constraints, to ensure efficient management in compliance with local laws.

Solar Energie SWE's goal is to replicate Sunvolt's success in the Swedish market by developing state-of-the-art RES plants that respond to local needs, with a particular focus on sustainability and innovation. In addition, the company is designing new Hyperscale Data Centers, which will use a significant share of renewable energy from RES plants, thus contributing to the strengthening of the country's energy and digital transition.

Solar Energie SWE is the ideal partner for institutional investors looking to enter the Swedish renewable energy market, with high-tech, sustainable projects that are in line with global decarbonization goals.

International experience combined with in-depth knowledge of the local context allows Solar Energie SWE to offer optimized solutions to ensure maximum return on investment.

DEVELOPMENT OF ENERGY PROJECTS

MISSION

TO CONTRIBUTE TO AN INCREASINGLY GREEN ENERGY FUTURE FOR THE NEW GENERATIONS

Global energy consumption is evolving rapidly, and growing demand requires smart and sustainable solutions.

Solar Energie SWE has taken on a key role in the energy transition, providing solutions and projects for low-cost, sustainable energy production with predictable financial returns.

Through RES projects, we guide the choices of investors, utilities, companies and local communities towards renewable energy, with an active commitment to the climate change process, in line with the European Sustainable Development Goals.

VALUES

Solar Energie SWE designs and builds plants for the production of energy from renewable sources,

taking care of every phase of the process: from site selection to authorizations management.

SOLAR ENERGIE SWE

WE DESIGN,
BUILD AND OPERATE
HIGH-VALUE PLANTS FOR
THE PRODUCTION OF
GREEN ENERGY

WIND
(on shore
and
off shore)

Solar Energie SWE develops wind farms that produce energy by exploiting the power of the wind. Thanks to advanced technologies, Solar IT guarantees reliable and high-performance systems, optimizing energy production based on the specific characteristics of the installation sites.

WIND REVAMPING REPOWERING
(on shore)

Repowering and revamping of renewable source plants are technical solutions increasingly adopted by operators in the sector to improve the performance and extend the useful life of their production plants.

TECHNOLOGIES

SOLAR ENERGIE SWE DEVELOPS RES PROJECTS USING ADVANCED AND MODERN TECHNOLOGIES TO ENSURE OPTIMAL PRODUCTION, FOCUSING ON HIGH QUALITY AND RELIABLE PRODUCTS TO MINIMIZE MAINTENANCE COSTS OVER TIME.

EACH SURFACE INTENDED FOR THE CONSTRUCTION OF A PLANT HAS SPECIFIC CHARACTERISTICS, WHICH REQUIRE AD HOC TECHNOLOGICAL SOLUTIONS, THE RESULT OF A CAREFUL DESIGN STUDY

GREEN DATACENTER

Green datacenters do not produce energy, but use renewable sources (RES) to reduce consumption from traditional sources.
Datacenters are designed to Optimize energy efficiency and limit high power consumption
of energy, promoting a Sustainable sourcing.

SOLAR PANELS

Solar Energie SWE develops photovoltaic systems both on the ground, i.e. on ground surfaces, optimized to maximize sun exposure and ensure efficient energy production, and floating systems positioned on water surfaces, reducing evaporation and improving efficiency thanks to natural cooling.

BESS PLANTS

Solar Energie SWE develops B.E.S.S. (Battery Energy Storage Systems) systems for energy storage, essential for storing
and releasing energy in a efficient way.
These systems help to optimise energy supply by reducing dependence on external sources.

GREEN DATACENTER

The new-generation "TOTAL GREEN" Datacenter offers advanced solutions for every phase of the life cycle, from design to daily operational management.
Solar IT is able to support all management, maintenance and assistance activities, providing power solutions from renewable sources (R.E.S.), integrated with ESS battery storage systems, UPS, temperature control and test load benches.
The company specializes in the management of large Data Centers and offers modular solutions, easily updated and resizable to meet the specific needs of each customer

- CHOOSING THE OPTIMAL LOCATION
- OBTAINING ALL PERMITS
- CONSTRUCTION COORDINATION
- NETWORK CONNECTION MANAGEMENT
- COMMISSIONING OF THE PLANT

SOLAR ENERGIE SWE

Solar Energie SWE specializes in the development of advanced energy storage solutions, with a particular focus on BESS (Battery Energy Storage Systems) and storage systems from renewable sources.
Thanks to the use of cutting-edge technologies, we optimize energy storage and release performance, ensuring efficiency and sustainability.
The company has solid experience in the management of permitting processes and in the authorization and connection process of plants, with particular attention to regulatory and operational aspects.
OUR EXPERIENCE ALLOWS US TO SUPPORT CUSTOMERS AT EVERY STAGE OF THE PROJECT, FROM DESIGN TO IMPLEMENTATION, UP TO COMMISSIONING.

ENERGY STORAGE SYSTEMS

WE ARE THE IDEAL PARTNER FOR THE DEVELOPMENT OF SUSTAINABLE ENERGY SOLUTIONS

SOLAR

ENERGIE SWE AB

WE BELIEVE THAT SUSTAINABILITY AND SOCIAL RESPONSIBILITY ARE THE KEY TO LONG-TERM BUSINESS SUCCESS.

WE ASSESS THE ENVIRONMENTAL IMPACT

Careful consideration is given to the way our solar farms are built.

Environmental impact assessments play a vital role in ensuring that our facilities blend harmoniously into their environment.

DEFENDING BIODIVERSITY

We actively work in the agricultural sector and recognize the importance of sustainable land management and pollinator protection.

Whenever possible, we implement measures to encourage biodiversity, such as planting and cultivating native vegetation and in some cases even sheep grazing and beekeeping for honey production