

Turnkey Solutions and Technology

Solar & Benefit Group offers a complete range of Wind Power solutions provided by the world's experts in Wind Energy solutions driven by their long experience and multitude of their long operating installations. Each Wind Power project is unique in its requirements and can only be realized by conducting initial Wind Studies and a Pre-Study Design analysis taking into account all the variables including the requirements of the location, incentives program, investor and financing institutions. Upon a positive business plan and feasibility study, the project reaches the stage of commercial and financial evaluation by the customer.

In special cases where the final customer needs financial assistance either in the form of bridge or long term debt financing, S&B will endeavour to locate suitable sources of financing applicable for the project, but always in compliance with the special conditions associated with the country in question.

Solar & Benefit Workflow Agreement

In line with the above workflow requirements, S&B undertakes the whole process from the start up to final project completion. The workflow may be summarized in the following steps:

- STEP 1** - Customer Request for Wind Power installation
 - Wind Power Questionnaire - Pre-Check and Project Qualification
 - S&B indicative plant concept, and indicative price evaluation of the project turnkey value
- STEP 2** - Customized Pre-Study Design and Price Offer - with an applicable fee of 1,5% for the projected project turnkey value
 - Complete Design and local Documentation for Permitting - with an applicable fee of 5% calculated on the project turnkey value
- STEP 3** - Construction and Commissioning



Operation & Maintenance

Solar & Benefit Group will support the customer for the immediate operational lifetime even after the initial warranty period and commissioning, being present for his subsequent concerns, whether technical or commercial. Our company's Operation & Maintenance Division will continue to provide the necessary preventative and remedial maintenance for all Wind Power subsystems and support the customer for all his technical and operational concerns.



Wind Power **Products & Services**

powered by Green Energy

Solar & Benefit Group OOD

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Wind Power

In line with Solar & Benefit Group's mission motto "Save Nature" and its Environmental Preservation Technologies and Green Energy systems, Solar & Benefit Group's (S&B) offers a wide range of high end Wind Power technology catering for the small to large scale Wind Power applications for commercial and investor customers. Compared with other renewables, Wind Power Installations today are one of the most profitable energy projects, taking advantage of the lucrative government Renewable Energy incentives programs for electrical energy produced from Wind.

When developing new wind projects, S&B opts for an all-in-one approach: the entire process – from development to operation. The development of new wind projects is based on criteria such as a supportive legislative framework, quality and location of the grid, favourable climatic conditions, etc.

By combining S&B's complete product and technologies portfolio, S&B can provide a multitude of solutions, caring for the needs of the community or commercial venture. Our technologies and synergies may be applied for the realization of the most demanding projects and providing significant benefits to the local and wider community in terms of renewable electrical energy from the wind. Special features of S&B's Wind Power systems and synergies range.

As a renewable energy business, we commit to deliver to our investors an attractive and profitable return. Our vision should be recognised as the leading provider of renewable energy solutions. In delivering on our vision we are committed to sustainability and aspire to:

- Take action (or refrain from actions) to protect the quality of life and the well-being of individuals and communities touched by our wind project activities with the goal of causing zero harm.
- Support a harmonious culture that encourages and recognises diversity as a performance enhancer.
- Focus on priorities that maximise the benefits for our customers, our investors, our people and the communities in which our systems are installed.



S&B Wind Power Installation features

- Large and medium scale wind power system investment projects for land based and off-shore parks.
- Highest Capacity Factor (CF), providing the lowest wind losses and optimum long term revenues
- Next Day – Wind Energy Production Forecasting solutions, to meet the imposed new grid balancing regulations.
- Full feature Real - Time Monitoring solutions for total Wind Power plant control and realtime production and revenues.
- Remote Control solutions for the Wind Power plant energy production and Power Factor imposed by the local utilities.
- Battery Storage and/or Power Balance solutions for maximization of grid revenues
- Fully Bankable implementation for the financing of all large scale Wind Power investment ventures.
- Turn-key development/project sourcing, design, engineering, construction and commissioning.
- Complete O&M solutions tailored to the investor's and financing institution's requirements.

Quality

All components used for the Wind Power plant design and construction and supporting equipment and subsystems are predominantly of well-known European and US manufacturers and brands and the installation works by accredited and experienced EPC Contractors and Installers, being built to the highest standards of craftsmanship.



Guaranteed Operation – Living Engineering

Solar & Benefit Group's Wind Power projects are powered by high ranking and bankable supply partners such as ENERCON, VESTAS, NORDEX, GE Wind, and our German Installers being the world's most renowned and experienced manufacturing and construction partners of the selected wind power turbines, components, design and installation engineering teams, providing systems optimized according to the original customer's specified requirements and in accordance with the long term operational lifetime of up to and over 15–20 years of operation and the project site and its specific environmental constraints.



Save Nature!