

Turnkey Solutions and Technology

The Solar & Benefit Group offers a complete range of intelligent lighting solutions provided by the world's experts in lighting driven by their long experience and multitude of their working installations. Each lighting project is unique in its requirements and can only be realized by conducting an initial Pre-Study Design analysis taking into account all the variables including the requirements of the specific application, the location and industrial or community requirements. Upon a positive business plan and feasibility study, the project reaches the stage of commercial and financial evaluation by the customer for realization.

In special cases where the final customer or user 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 of installation.

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 Lighting application
 - Lighting Questionnaire - Pre-Check, Project Qualification and indicative Price Offer
- 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 and Financing - 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 of the IntelliLighting system even after the initial warranty period and commissioning, being always 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 lighting subsystems and support to the customer for all his technical and operational concerns.

Solar & Benefit Group **IntelliLighting Systems**

powered by Green Energy



Solar & Benefit Group OOD

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InteliLighting Systems

In line with Solar & Benefit Group's mission motto "Save Nature" and its Environmental Preservation Technologies and Green Energy systems, Solar & Benefit Group (S&B) offers a wide range of high end technology InteliLight LED and Street Lighting Systems catering for the small to large scale for municipalities, communities and industrial complexes. Compared with the older lighting technologies for community and private applications, the new LED technology outdoor lamps lend themselves to offering serious advantages such as highest efficiency, intensity lighting control or lower power consumption, compatible with power saving and smart operation schemes where the InteliLight system provides the maximum benefit to the users and service to the public.

In addition to providing complete isolated lighting systems and networks, the lighting systems themselves can be offered in a combined form to the community or industrial user with renewable energy power sources, thus either minimizing the user's reliance on the electrical utility's grid power and the high cost of consumed energy or offering completely autonomous solutions where there is no available electrical grid in remote situations and locations or there is the desire to be completely independent from the utility.

By combining S&B's complete product and technologies portfolio, S&B provides a multitude of solutions, caring for the needs of the community or any commercial or industrial 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 providing the most unique and smart solutions. The special features of S&B's lighting systems and synergies range include:

Solar & Benefit Group's InteliLight System features and benefits

- Green – large scale Municipality or Community street lighting smart applications
- Specially designed and highly tuned tourist or industrial applications providing significant benefits
- Extremely long life operation and minimization of maintenance cost
- Complex lighting effects integrated within the architectural building design concept
- Highest lighting efficiency or lowest consumption solutions, minimizing the long term costs
- Grouping or mass control of intensity, ambient conditions operation and possible special effects
- Combined renewable energy PV, Wind or Biogas autonomous power supply sources for Off-Grid locations
- Energy Consumption Forecasting solutions and tools to meet the imposed new grid balancing regulations
- Full feature Real-Time Monitoring solutions for the total lighting system fault diagnosis and consumption
- Automatic Detection and graded alarms of unauthorized consumption and fault location
- Remote Control solutions for the operation and Power Factor control imposed by the local utilities
- Battery storage solutions for minimization of electrical utility costs according to Off-Peak tariffs
- Fully bankable implementation for the long term financing of all large scale Lighting Projects
- Turn-key development/project sourcing, design, engineering, construction and commissioning
- Complete O&M solutions tailored to the consumer's and financing institution's requirements



Quality

All components used for the PV plant design and construction and supporting equipment and subsystems are predominantly of well-known international manufacturers and brands and the installation works by our internationally accredited and experienced installers, being built to the highest standards of craftsmanship.



Guaranteed Operation

Solar & Benefit Group's PV projects are powered by high ranking and bankable supply partners from the EU, being the world's most renown and experienced manufacturing and construction partners of the selected Lighting 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 20-30 years of operation and in accordance to the project's particular site and specific environmental constraints.



Save Nature!