



## SOLENER, S.L

Solener is an engineering company devoted to the field of renewable energy, which started in 1992. It is a small company composed of six staff members.

They are specialized in the design, installation and maintenance of self-consumption photovoltaic solar systems connected to the electricity grid, as well as isolated photovoltaic installations; In addition to other renewable energy facilities, such as solar thermal energy, biomass, cogeneration, wind and biogas.

On the other hand, they offer a maintenance service of the facilities in order to guarantee its correct operation and, thus, to maximize the efficiency of the system throughout its useful life.

### How is ecological, social, cultural and economic sustainability reflected in the company's operations?

Renewable energies are integrated in the business model of the company. The company carries out recycling actions and is committed to find sustainable solutions for its customers. In this sense, they look for energy generating measures that do not produce an environmental impact by integrating photovoltaic, wind and biomass energy production systems.

They undertake analysis for new green energy production installations. They also improve and optimise the efficiency of existing installations.

The basic pillars of the company are:

- Use of green energy
- Improvement of efficiency
- Research on the optimization of natural resources.

Their execution designs are represented in 3D, which allows them to simulate the proposed installation in order to find the least possible environmental impact. The 3D representation allows the user/customer to inspect the installation, to check the environmental impact and finally to verify that the best possible solution has been found.

The company fosters the use of environmental good practices. Consequently, they distribute different materials among their customers giving advice on how to generate the least possible environmental impact when using electric power. They also give advice on temperature optimisation and on the use of air conditioning, among others.

The added value of the company is based on the following points:

- Use of natural resources to generate green energy.
- Advice customers and users on good environmental practices, reduction of energy use, comfort temperatures,...



- Collaboration with training centres by offering work-placement opportunities to Renewable Energies VET students
- Participation in the development of transfer of innovation projects with training centres in order to find out new ways of green energy production as well as new sustainable materials.

### ACTIONS RELATED TO SUSTAINABILITY

The company took part in 2018 in the Almia Energy project prize organised by the City Hall of Almatret with the aim of fostering the development of renewable energies in the daily life of the town.

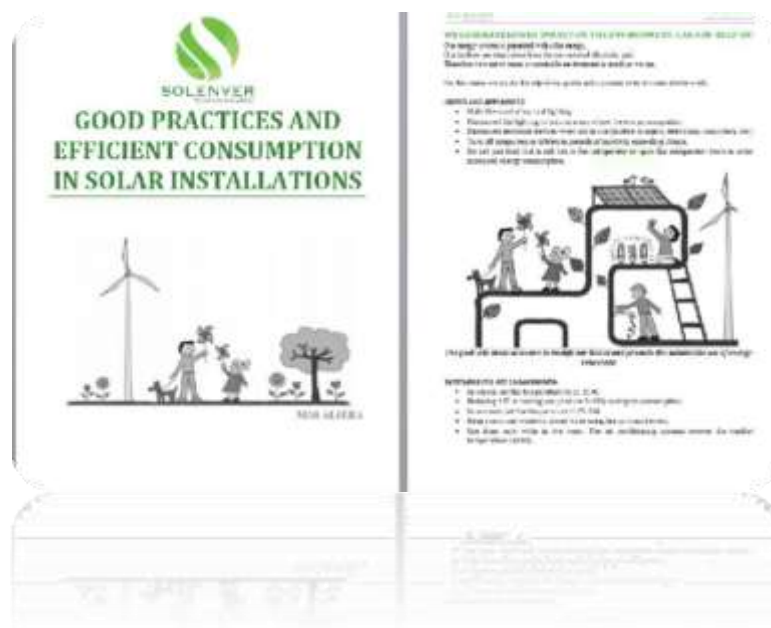
SOLENER took part in the prize with five Renewable Energies VET students. They elaborated mobile chargers for bicycles, which used solar energy and recycled materials. This project was awarded the first prize in the 2018 edition. The added value of the participation of the company in such actions is the fact that they foster the environmental awareness among young people and consequently, the use of alternative energies.

<https://youtu.be/NHnzu38MnME>



The company regularly informs its customers on how to develop good environmental habits and avoid energy waste or misuse. Advices on the correct use of heating and air-conditioning at home will definitely contribute on good energy saving practices.

Example:



## Some examples of their projects:



Execution of the installation of a detached house powered by solar energy providing not only the lighting but also the use of the pool and its filtering system. The watering of the garden was also included in the execution of the project.



**Solar watering system:** execution of a photovoltaic solar energy installation for the electrification of a gate flooding system and the cleaning and filtering of the main watering channel.



**Isolated cellars:** Execution of a photovoltaic installation to enlighten wine cellars. It will also enlighten the auxiliary rooms intended for wine tasting sessions.

**Their motto is “Thinking in Renewable Energies not only as an option of alternative energy but as the UNIQUE option to currently generate energy”**

For more information, please visit the company website: <http://solener.com/>

Or its company LinkedIn profile: <https://www.linkedin.com/company/solener/>





## WORKING IN RENEWABLE ENERGIES

SINCE 1992 COMPANY

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