SOLAER Group is a group of companies operating in the field of renewable energies. Established in 2004, the group’s aim has always been to provide professional and innovative solutions to environmental problems and requirements and it is clear on its commitment to solar power as a clean and inexhaustible energy source.

The group’s activity has therefore focused on designing, developing and building solar photovoltaic, solar thermal and biomass facilities. We offer a wide range of services from engineering to project management and finance, providing advice and an all-round service so that our customers get the best return on their investment.

In order to do so, we have a well-established team of more than 100 people, one of the largest and most qualified in the sector. Professional development, continuous training and innovation give us a solid foundation from which to approach our business project with guaranteed success.

Furthermore, the group’s business activity complies with the most demanding standards, such as the ISO-SGS 9001-2000. SOLAER Group is a member of the leading renewable energy industry associations, ASIF (Spanish acronym for the Spanish Photovoltaic Industry Association) and ASIT (Spanish acronym for the Spanish Solar Thermal Industry Association). This keeps us at the fore of progress in the solar industry.

All this has put us in an exceptional position in the field of renewable energies.

Commitment to clean and inexhaustible energy
More than 400 MW of power installed.

We operate in Spain, Italy, India, UK, Japan, Mexico, USA, Panama, Philippines, El Salvador, Colombia.

Thanks to the wide network offices around Spain, SOLAER Group develops, builds and carries out maintenance operations for its facilities across Spain. The main centre of operations is located in Cuenca and receives support from offices in Madrid.

Our company’s past success in our own country has made it possible for us to expand rapidly and the group has already connected plants in Italy, USA, UK, Japan and México and is developing projects in other countries as Perú, Chile and Brasil and Panama with a project portfolio for the next year totalling more than 90 Mw.
SOLAEGER Group specializes in developing and producing engineering for turnkey projects. We take care of everything that is required, including design, construction, legal authorization, connections to the power company’s system, commissioning and project finance.

We also take charge of contracting for and carrying out operations and maintenance (O&M) services for the facility and we assume responsibility for taking out the necessary insurance policies to cover possible losses affecting the investment.

All the facilities developed and built by SOLAEGER use top-quality materials that guarantee proper operation and the best long-term performance. We guarantee deadlines for our developments and offer all the security and surveillance required to provide optimal stability and return on investment.

SOLAEGER Group’s extensive experience means we can undertake any ground or rooftop photovoltaic project in Spain or abroad with guaranteed success.
ground

35 farms and more than 80 Mw in Spain

To date, SOLAER Group has built and connected a total of 35 farms across Spain, with a total installed power of more than 80 Mw and power levels ranging from 0.5 Mw to 12 Mw.

Our projects are designed and built using the most efficient and tried-and-tested materials in the sector. SOLAER has been accepted as a bankable building firm for the most prestigious banks in the sector. At present, we have five solar farms financed using the project finance system.

rooftop

Over 65 installations completed and 10 Mw of power installed

SOLAER is a pioneer in the construction of rooftop photovoltaic installations. The first was connected in 2005 and to date we have completed more than 65 installations, totalling over 10 Mw of installed power.

Rooftop photovoltaic installations make efficient use of available space, which means more profitable investments that do not affect the original activity of the building.
SOLAER Group has built and connected more than 200 MW in the South of England

Our combined joint venture experience within this sector allows us to deliver a full installation service from start to finish, combining finance, logistics, engineering and project management under one roof. We have a number of key partners within this value chain, along with a group of highly versatile individuals from within varying industries, as a whole Solaer has experience with the energy, engineering, public, private and financial sectors.

For Next year, we have a pipeline of construction projects for a total of 62 MW.
SOLAER Group continues its expansion in Japan with 25 developed projects and 4.3 Mw already Connected

SOLAER Japan began to develop in this country in 2012, attracted by the opportunities offered in the renewable energies field due to the New Energy Policy of the Japanese Government after the Fukushima disaster.

Nowadays, we count with an office in Minato-ku, Tokyo (Central Business District) that gives services to the market with local engineers and experts sent from Spain. We have built 4.3 MW, and for next year we have a pipeline of construction projects of 33.5 MW.
ITALY

SOLAER Group continues its activities in Italy with 20 parks and 28 MW connected.

SOLAER Group began to develop in this country in 2009, attracted by the opportunities offered by the Italian photovoltaic market, becoming a reference of commitment and quality for the development of new photovoltaic energy projects.

We have built 20 photovoltaic parks in the region of Puglia, developing at the same time a maintenance team to give service to both constructed parks and external projects.

PHILIPPINES

5 MW connected in Philippines

SOLAER Group has developed in Philippines a 5 MW park ready to built, and is developing a 80 MW pipeline of utility size projects for next year.

We have experience professionals in off-grid projects, in our office in Manila.
In 2012, the SOLAER Group began its expansion in this country attracted by the opportunities offered by Mexican Photovoltaic Market. Mexico is one of the best locations for producing solar electricity in North America. The high level of solar radiation and clear atmosphere are the perfect combination to harness the sun’s energy.

The aim of SOLAER in Mexico is to develop large scale projects o establishing contact with banks and public institutions that promote the implementation of these projects.

We have an office in Chihuahua that serves as support for the development, implementation and execution of projects in that country as well as streamlines procedures and steps and saves time in the development of the projects.

Currently we are developing a pipeline of 60 MW.

SOLAER GROUP started in USA at the beginning of 2013, SOLAER has already built 8 different projects and is currently developing a pipeline of 150 MW of utility size projects.

MEXICO & USA

29 rooftop installations completed
SOLAER Group continues its expansion around the world. New photovoltaic projects are studied and developed in new markets as:

**EL SALVADOR**
We have built a Solar Park, with a total installed power of **16 MW**. We are studying different projects in the country with a total power of **50 MW**.

**PANAMA**
SOLAER is currently developing a pipeline of **90 MW** for this year divided in 8 different projects. We have an office in Panama city since 2013, that gives services to the sector with local engineers and professional sent from Spain.

**COLOMBIA**
SOLAER Group has recently entered in the colombian market. For this year, SOLAER is developing 22 projects in 4 different locations, with a pipeline of construction of **440 MW**.
Monitoring 365 days a year in accordance with the ISO 9001 standard

In maintenance, our goal is to keep facilities operating under optimal conditions 365 days a year. To do so, we monitor production on a daily basis, carry out preventive maintenance and repair work and provide close surveillance.

We currently provide maintenance for 60 photovoltaic farms and more than 100 rooftop facilities, carrying out operations and maintenance work in accordance with very strict controls.

Thanks to the preventive maintenance work, we are able to extend the service life of equipment, improve safety and reduce the cost of repair operations. We do so by preventing possible breakdowns through scheduled inspections (checking voltage and current levels, panel cleaning, internal inverter maintenance, plant life control, etc.), as well as daily production and the surveillance of the facility.

At SOLAER Group, we use our own quality assurance system in accordance with the ISO 9001 standard and also apply it to the maintenance work carried out at the photovoltaic facilities we operate.
Our main aim is to develop efficient facilities by using clean, viable and inexhaustible energies. Solar thermal power works by heating a heat-carrying fluid through solar radiation. This energy has many uses, such as heating water, swimming pools and heating systems.

We develop all types of hot water and heating system projects for homes and buildings and they all meet the requirements of the new Building Technical Code.

We also develop climate-control projects for buildings and communal swimming pools for private companies and the public administration. This achieves significant energy savings compared to production using conventional fuels.

Our climate-control engineers specialize in all kinds of climate-control systems: direct expansion, air/water, variable coolant flow, dehumidification and heat recovery, etc.
This natural and completely environment-friendly biological fuel has almost zero emissions. As a result, it is starting to be used by the market and SOLAER Group. Different types of biomass can be obtained from forestry, farming and lumber waste. The most common form of the fuel is in pellets, i.e. small cylinders of compressed sawdust with no kind of additional additive that are then used as fuel. Approximately 2.3 kg of pellets equals 1 litre of gas oil and 1 m³ of gas and it is also safer and generates no waste or smells. SOLAER Group specializes in individual or communal boiler installations for domestic hot water and heating. The installations can also be used for underfloor heating systems, where the heat is evenly radiated to create an ideal environment at an ideal temperature for overall comfort. SOLAER Group also specializes in energy-efficiency studies to find the best solution in terms of resource use and installation profitability.
To provide our construction and maintenance activities in the solar photovoltaic, solar thermal and biomass sectors, the group has several logistics facilities in different areas of Spain and various partnerships with other groups in order to service and repair any type of breakdown in the shortest possible time. SOLAER Group also has more than 50 vehicles equipped with the necessary technical resources to provide solutions for current projects and the more than 80 facilities for which we handle operations and maintenance (O&M).
Cogeneration is the procedure by which useable electrical and thermal energy, in the form of hot water or steam, is obtained simultaneously. If, additionally, cold is produced in the form of cold water, cold air or ice, the process is known as trigeneration.

The advantage of cogeneration is its greater energy efficiency, as it takes advantage of heat as well as mechanical or electrical energy in the same process, instead of using a conventional electrical plant and a conventional boiler for heat requirements. In this way we reach global yields from this process superior to 90%, with the electrical yield being 35% and the thermal approximately 55%. Additionally we achieve a significant reduction in emissions of CO2 and other contaminating agents, taking maximum advantage of the energy.

In general, electrical energy produced by the cogeneration process is sold according to the regulations, injecting into the electrical grid all the energy produced. On the other hand, we take advantage of the heat generated in the cogeneration equipment, with the consequent energy saving.

Bearing in mind all these factors, the return on the operation is around 4 years, for which reason it is one of the most profitable investments currently available both on an energy and financial level.

As an Energy Services Company, Grupo SOLAER offers the possibility to make the partial or total investment necessary for the installation of the equipment, offering the end customer a reduction in his energy bill, the possibility to buy back the installation after several years, and even the total transfer of the installation.
At SOLAER Group, our main guarantee is our human resources: more than 100 professionals with proven experience in areas that are key to our business activity (engineering, telecommunications, construction, legal and financial).

Aware of its importance, SOLAER Group also has a strict occupational health and safety policy in place to ensure that it works in accordance with current sectoral legislation and regulations.
Calzada de Calatrava  
Place: Ciudad Real  
Power: 10 Mw

Olmedilla II  
Place: Cuenca  
Power: 3 Mw

San Clemente I  
Place: Cuenca  
Power: 3 Mw

Olmedilla I  
Place: Cuenca  
Power: 3 Mw

Eveley  
Place: Stock Bridge-England  
Power: 42 Mw

La Jara II  
Place: Cuenca  
Power: 1,9 Mw

Pinto  
Place: Madrid  
Power: 500 kW

Hoplass  
Place: Pembroke-England  
Power: 10 Mw

Camworthy  
Place: Canworthy Water-England  
Power: 40 Mw

Iwood  
Place: Congresbury-England  
Power: 9,5 Mw

EastCost  
Place: Bude  
Power: 5 Mw

Nottington  
Place: Weymoth  
Power: 5 Mw
Hobbs Place: Hobbs, New México USA Power: 218 kw

Kaneka Place: Houston-USA Power: 55 kW

GSA Engineers Ltd Place: Bhuttiwala - Muktsar - India Power: 1,5 mW

Kinugawa-Japan Place: Tochigi Power: 1 Mw

Namegata Negoya-Japan Place: Ibaraki Power: 1,07 Mw

Ceb Guanajuato Place: Guanajuato Power: 100 Kw

Chihuahua Place:Chihuahua-México Power: 12,5 Kw

Hobbs Place: Hobbs, New México USA Power: 218 kw

Kaneka Place: Houston-USA Power: 55 kW

Aravali Infrapower Ltd. Place: Dhank-India Power: 5 Mw

GSA Engineers Ltd Place: Bhuttiwala-Muktsar-India Power: 1,5 mW

Troia 8 Place: Troia, Foggia-Italia Power: 1 Mw

Nociglia Place: Noci (Lecce) Power: 1 Mw

Troia 9 Place: Troia (Foggia) Power: 1 Mw