



ENERGY EFFICIENCY & RENEWABLES

COMMITMENT TO SUSTAINABILITY AS A CORPORATE VALUE

Society in general and industry in particular demand equipment that, in addition to responding to their business needs, reduce energy consumption, save on economic costs and promote sustainable use to protect the environment.

For many years, as a corporate value to provide greater competitiveness, **Salicru** has been committed to renewable energy and the most advanced technology applied to energy efficiency through its **SLC Greenergy Solutions** line, which includes a wide range of products and services.





In addition to guaranteeing a stable, continuous, reliable and economic electricity supply to its customers, **Salicru's** mission is also to ensure an efficient and ecological electricity supply.

With this new range of products within its **SLC Greenergy Solutions** line, **Salicru** has reinforced its commitment to the implementation of 'clean' technologies in electrical equipment and systems and has expanded its market to new industrial and professional areas, offering its customers increasingly sustainable and competitive solutions.

Why? Because of the enormous advantages that this brings, such as efficient energy consumption, energy and economic savings, reduced production and maintenance costs, increased service lives of electrical and electronic equipment by reducing the risk of breakdowns, etc., not to mention reduced CO₂ emissions and decreased use of natural resources.

As one of the main cornerstones of **Salicru's** business strategy, all new energy efficiency applications and technologies are also applied to the manufacturing process of our products. This involves the integration of a range of parameters that allow us to obtain higher performance with less energy consumption and calorific detachment.

PHOTOVOLTAIC INVERTERS

EQUINOX is **Salicru's** series of solar inverters for transformerless mains connections characterised by being lightweight, compact and highly reliable, and whose installation and use have been facilitated to the maximum for greater operational convenience.

Thanks to its innovative technology, backed by the company's extensive experience in the power electronics market, these devices offer high performance in indoor and outdoor photovoltaic plants, ranging from small powers to large facilities through parallel inverters, obtaining configurations that provide a higher degree of reliability due to their modular design. The **EQUINOX** range includes powers in connection to single-phase or three-phase grid.

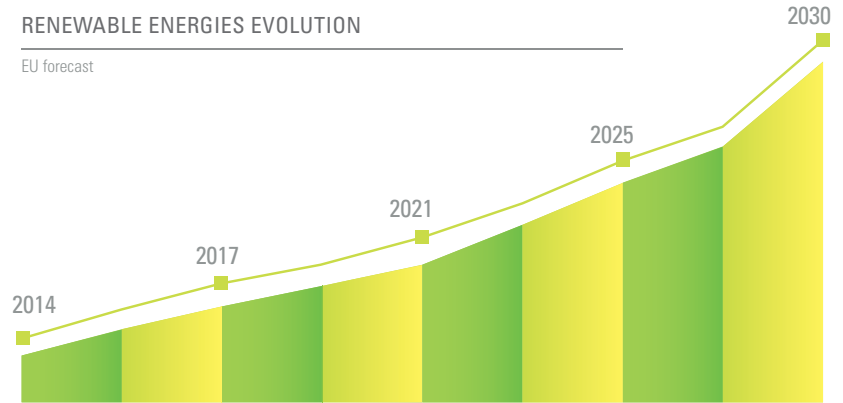
VARIABLE FREQUENCY DRIVES

Among Salicru's variable frequency drives is the **Controlvit CV30-PV** series. Its main function is to pump water using the radiation captured by solar panels as an energy source. The solar light energy obtained is transformed into direct current which powers the drive, and this in turn powers a submersible pump using alternating current, thus enabling water from the ground to be extracted. The extracted water can be stored in a tank or reservoir for subsequent use, or it can be used for direct irrigation, depending on the needs of the farm.

This functionality is extremely useful in locations that need a reliable, cost-effective water supply with a long service life and low maintenance costs. It is also environmentally friendly as it does not cause pollution or noise.

RENEWABLE ENERGIES EVOLUTION

EU forecast



REFERENCES

- Aguascalientes Photovoltaic Park, Mexico
- Al-Muntazah Street Extension, Qatar
- Barcaldine Solar Farm, Australia
- Borges Thermosolar Plant, Spain
- 'Galapagos with its own electricity' project, Galapagos, Ecuador
- Tempoku Wind Farm, Japan
- Uribe Photovoltaic Solar Plant, Chile



European countries consume less energy than 10 years ago, mainly thanks to increased energy efficiency



EQUINOX2 S/SX

Single-phase solar power inverters for mains connection from 2 to 10kW



EQUINOX2 T

Solar power inverters for three-phase mains connection from 4 to 100kW



EQUINOX2 HSX

Single-phase hybrid solar inverters from 3 to 8kW



EQUINOX2 HT

Three-phase hybrid solar inverters from 4 to 12kW



CV30-PV

Variable frequency drives for solar-powered water pumping from 0.4 kW to 75kW



ACV30-PV

Complete solution for solar pumping installations

