

ECOLIBRI

Wind energy, better future



PHOTOVOLTAIC
SYSTEM

For many years Ecolibri has specialized in the design and construction of photovoltaic systems both in the domestic and industrial sectors.

The real strength of our company is precisely the planning phase, a fundamental element to guarantee the creation of an efficient and performing system, able to best meet the needs of each of our customers.

Our team of experts will carefully analyze your needs, calibrating them on the technical elements that characterize your home and/or your company.

What is a photovoltaic system?

Photovoltaic is defined as an electrical system consisting of special modules ("panels") which, using solar energy, produce electricity thanks to the sensitivity of the materials they are made of to sunlight. For optimal operation of the system, it is very important to carefully evaluate the orientation of the portion of the roof on which the system is to be built and its inclination.

The main element of a plant is the photovoltaic cell which, based on the different composition of silicon that composes it, can be defined as monocrystalline / polycrystalline / amorphous.

Types of photovoltaic systems

There are 2 types of photovoltaic systems:

- **"off-grid"** = they are not connected to any distribution network and use electricity at the same time it is produced or when it is needed if equipped with an accumulator.
- **"network connected"** = they are connected to the distribution network and release the surplus of unused energy to it.

The choice of having a photovoltaic system allows - in the case of domestic use - to amortize part of the investment through state incentives that allow you to accrue a tax credit (please refer to the official sources for more information).

SPECIAL HYBRID SYSTEMS

Ecolibri, taking advantage of its expertise in renewable energy, is also specialized in the construction of hybrid plants that combine multiple sources: for example wind energy + solar energy.

Contact us for additional informations.



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