

More value from the Sun!




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eos[®]
solar energy catcher

We enable you to get much more value from the Sun!



- ✓ 10 years of quantified research
 - ✓ 6 years of effective operation in different locations
 - ✓ 4 international scientific partners
 - ✓ Several million euros invested
 - ✓ Documented approval by the European Commission
 - ✓ Fully approved international invention and design patents issued
 - ✓ strategic industrial partnerships
- GUARANTEE EXPERIENCE AND PRODUCTS OF GREENETICA**

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- ✓ Exclusive licensee of the **eOS®** range
- ✓ Our experience and flexibility guarantees the right solution for every customer
- ✓ Integration into existing or new plants will greatly improve efficiency and profit returns.



Our technology

Irradiation is the amount of energy that comes from the sun on a m2 of horizontal surface within a year. To get an estimation in Central Italy are about 1,450 KWh / m2 / year. By concentrating the power of the sun, we can multiply its uses at any temperature.

EOS systems employing parabolic mirrors automatically chase the sun and reflect and concentrate light on various types of linear collectors. A vector fluid and / or special photovoltaic cells **capture ALL the sun's energy with efficiencies of up to 80%.**

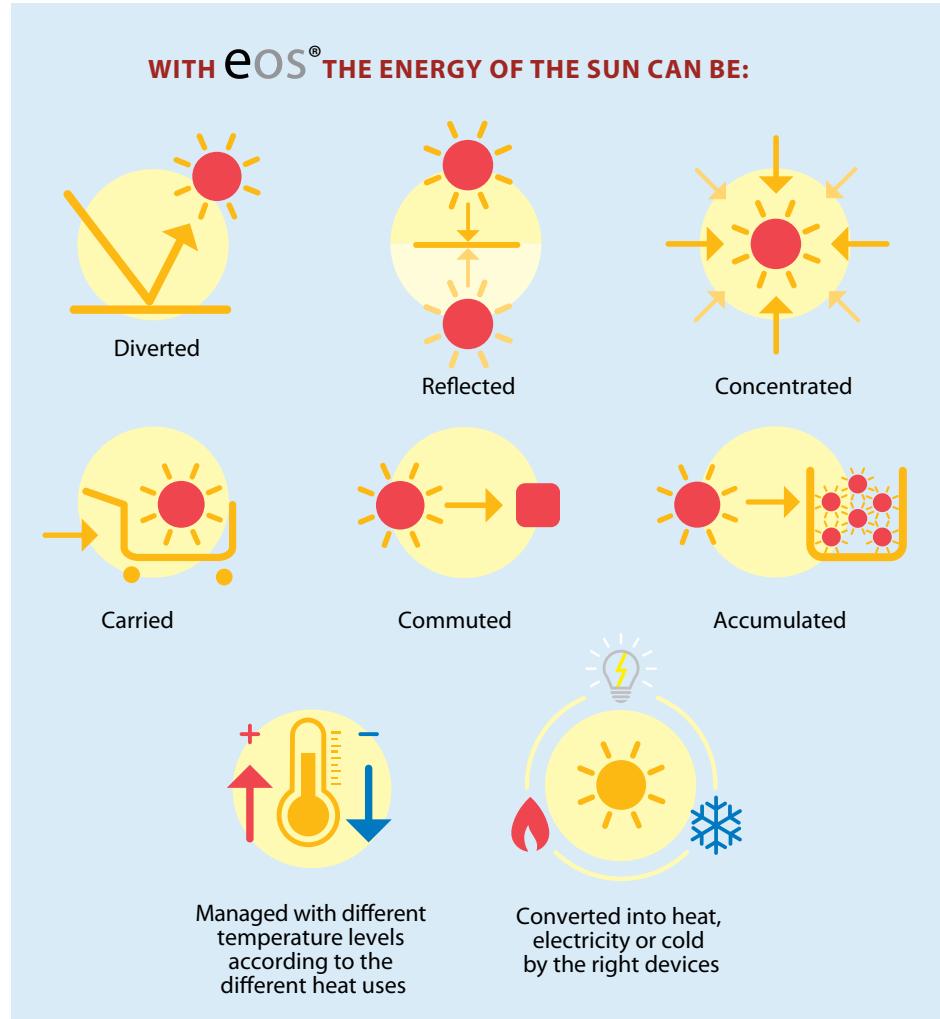
 <p>Heat exchange is quick and efficient</p>	 <p>Reaches temperatures of 100 ° and above</p>	 <p>Production is stable from sunrise to sunset and balanced between seasons</p>	 <p>Enhances marginal and residual areas near buildings</p>
 <p>Minimizes heat loss</p>	 <p>Thermo-photovoltaic cogeneration</p>	 <p>The solar field is modular and scalable</p>	 <p>Reduces energy costs</p>
 <p>Improves the overall efficiency of existing plants</p>	 <p>Integrates solar cooling systems (trigeneration) and chemical dehumidification</p>	 <p>Less ground is occupied</p>	 <p>Gives you the opportunity to maximise on all available government and community commercial incentives</p>

Our mission

To offer our customers:

- ✓ significantly more value from sunshine
- ✓ more renewable energy
- ✓ more energy efficiency

To continue to study with our clients ad hoc solutions that can integrate different renewable sources and technologies.



Who are the beneficiaries?

Anyone who wants to reduce their energy costs!

All off grid systems powered by diesel, LPG, biomass, etc. the concentration of which can be easily and immediately integrated.

Anyone who has daily energy consumption:

- ✓ Farms and greenhouses
- ✓ Sports facilities
- ✓ Communities
- ✓ Garden centers
- ✓ Laundries
- ✓ Dairies
- ✓ The whole Agro-Food processing industry
- ✓ Hotels and the whole hospitality industry



The Eos range



Greenetica Distribution is the worldwide exclusive rights holder for the marketing of the entire range of solar products & concepts developed by Greenetica.

The basic model with 10 mirrors (17.5 m² of capturing surface) and biaxial tracking is one of the many versions that will be produced in different sizes and capacities to suite the clients requirements.

The planned range differs according to the type of receiver module installed:

- ✓ TH – THERMAL <100 °
- ✓ HT – THERMAL > 100 °
- ✓ PVTH - THERMOFOTOVOLTAIC





Greenetica's archive photo


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www.greeneticadistribution.com
info@greeneticadistribution.com