




soleolico

Renewable Energy that integrates wind and solar and
cleans the air we breathe

soleolico@soleolico.com



Redefining **green** energy
generation to leave a legacy



One purpose. One world to **change**

Soleolico was born to become a **game changer** on a global scale in Today's energy transition, both in self-consumption and utility-scale renewables.

Today's rapidly evolving energy landscape requires strategic redirection to address the increasing global pressure on the Environment, including that of renewables. As the energy transition advances at an unprecedented rate, Soleolico emerges as a frontrunner thanks to its high yield performance, minimal environmental impact, resource optimization through combination of wind, solar and energy storage technologies, and its cutting-edge technology that converts CO2 into oxygen.

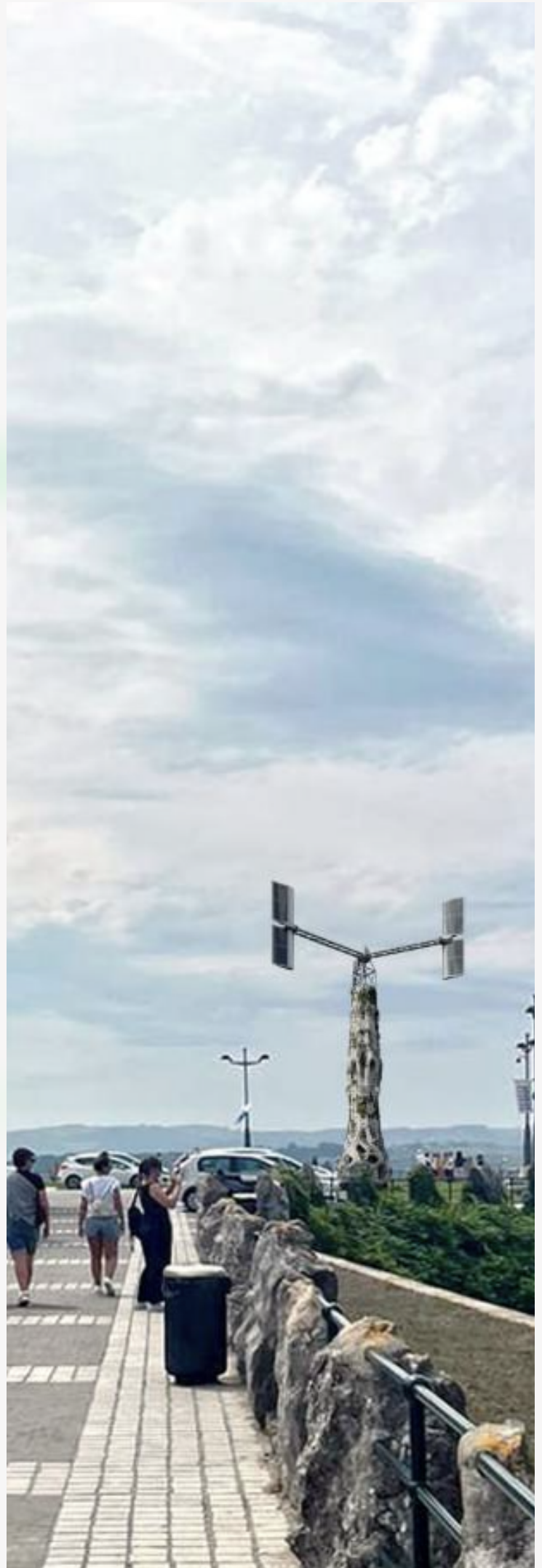
Soleolico is positioned to become the reference technology for **democratizing** the access to eco-conscious energy.

“People protect what they love.
Jacques Yves Cousteau

Soleolico, a breakthrough innovation

Soleolico is the first vertical axis wind turbine that **integrates solar panels into its blades**, which are guided by a patented magnetic system that calibrates each blade's optimal wind orientation to yield maximum output.

Versatile for use in self-consumption, distributed generation and utility scale projects, Soleolico brings a distinctive high-yield alternative to the modern energy generation landscape.





Overcoming the barriers to **mass adoption** of green energy

The green energy movement, despite its potential, faces multiple challenges in Today's World.

Price and Infrastructure Dependency
Turbines are costly and rely heavily on the grid's existing infrastructure.

Energy Quality and Storage
The variability of the natural resource and the lack of storage bring instability to the network.

Installation Complexity and Size
Setting up on-site large turbines becomes intricate and technically complex, compounded by the sizable nature of the equipment.

Spatial Invasiveness
Generators often render sections of land unutilizable because of soil disruption and associated hazards.

Environmental Impact
Large turbines generate noise and visual disruption, and may also pose threats to local wildlife.

To ensure a smooth transition to clean energy, the above challenges need to be addressed.



Soleolico: the green energy revolution for the industry 2.0

Soleolico emerges as a beacon in the green energy space, addressing the industry's pressing challenges and optimizing energy solutions for the future.

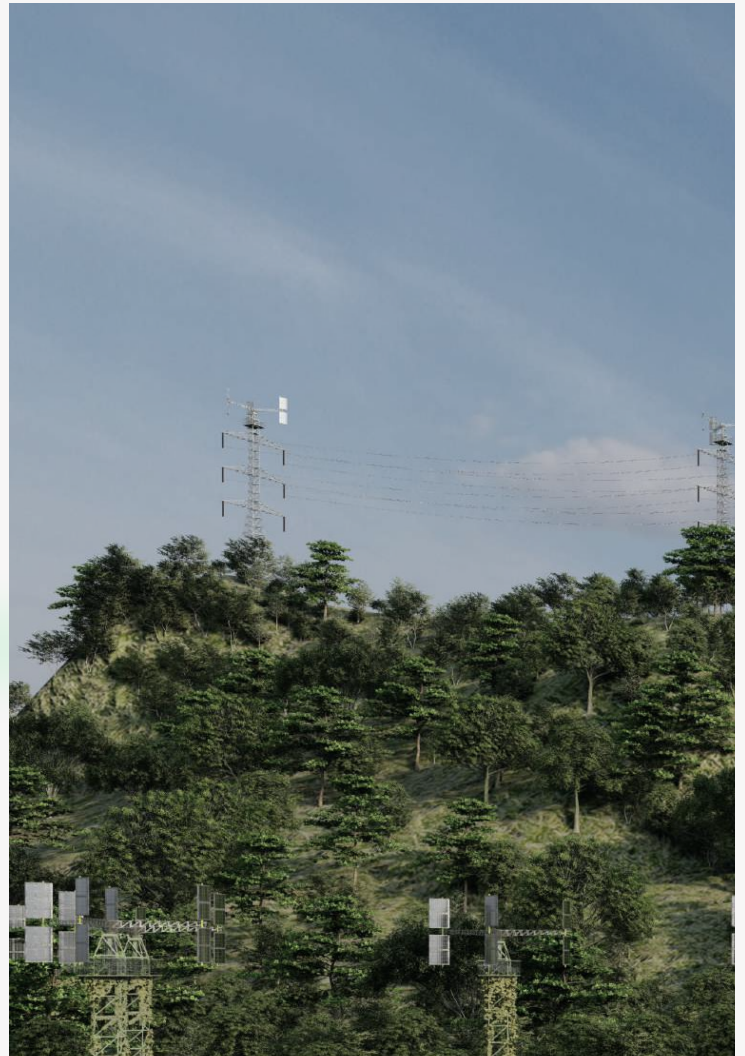
Price and Infrastructure independency
Affordably priced, Soleolico operates eliminating the heavy reliance on external electric stations.

Energy Quality and Storage
Harnessing power from wind, solar, and storage, Soleolico ensure consistent energy availability.

Installation Simplicity and Size
Compact and versatile by design, Soleolico streamlines the installation process, reducing complexities typically associated with larger units.

Spatial Harmony
Unique to Soleolico, its design ensures no soil disruption, allowing the land to remain productive and undisturbed.

Environmental integration
Soleolico is In harmony with nature, with minimal visual impact. Its patented coating actively contributes to reducing greenhouse gas emissions.





solelio

For distributed generation and self-consumption,
scalable to utility-scale projects



For distributed generation and self-consumption, scalable to utility-scale projects

Unique and patented, it combines **wind, solar and storage** generation technologies to deliver green energy day and night.

Wind and Solar work together 24 hours a day, absorbing CO2 and other gases that are harmful to the environment.

A **versatility** never seen before

Optimal for both self-consumption and distributed generation

High yield with a reduced visual impact

Optional battery integration for energy storage

Easy to install with low cost maintenance





soleolico

For transmission
lines



For transmission lines

A unique solution to **inject energy into the network** uniformly and with reduced visual impact that is easily attached to high voltage towers.

Scalable integration across the **network**

Flexible, robust and easy to integrate solution

Maximum space utilization, embedded in transmission line towers

Configurable for each scenario and environment





solelio

Bespoke solution to
inspire greatness



Bespoke solution to Inspire greatness

'Inspiring greatness' is our **emblem** and it is at the heart of Soleolico.

Designed with a bespoke 3D print tech coat, Bespoke optimizes the elimination of greenhouse gases, taking a powerful stand against climate change.

A letter of intent against climate change

A design that embodies your greatness

Tailor-made, crafted exclusively to address each project's needs

In complete harmony with the environment

Maximizes the CO₂ and the greenhouse gases conversion

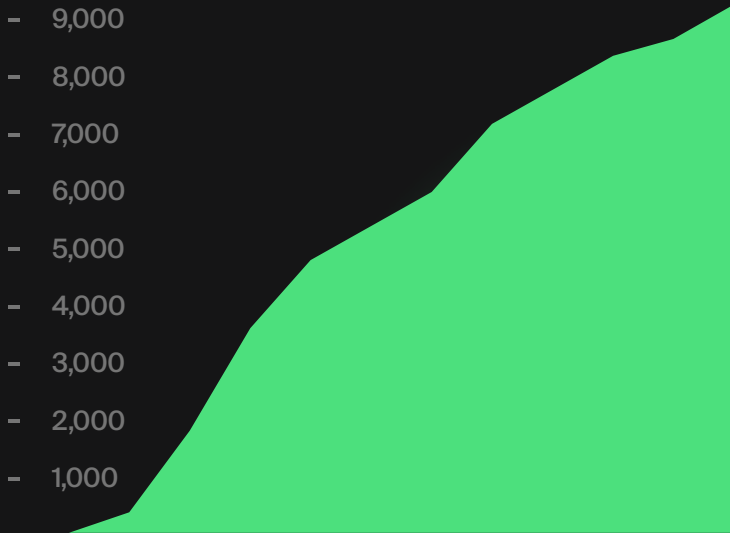


1 2 3 4 5 6 7 8 9 10 11 12

Wind chart

Power vs
Wind Strength

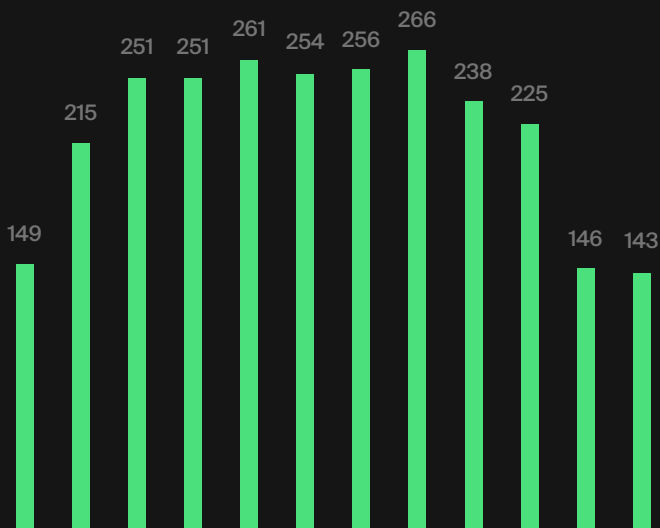
Wind strength in m/s
Power in W (Y axis)



1 2 3 4 5 6 7 8 9 10 11 12

Solar performance chart

Estimated Yield
in kWh/month



Soleolico's product profile

Soleolico yields an outstanding performance thanks to its proprietary technology, even at low speeds of wind.


Generation profile of one unit

Wind energy produced
7,5 kW nominal power

Solar energy produced
4 kW peak*

Battery storage
>20 kWh

Wind operation
>2,7 to 14m/s



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