art in motion

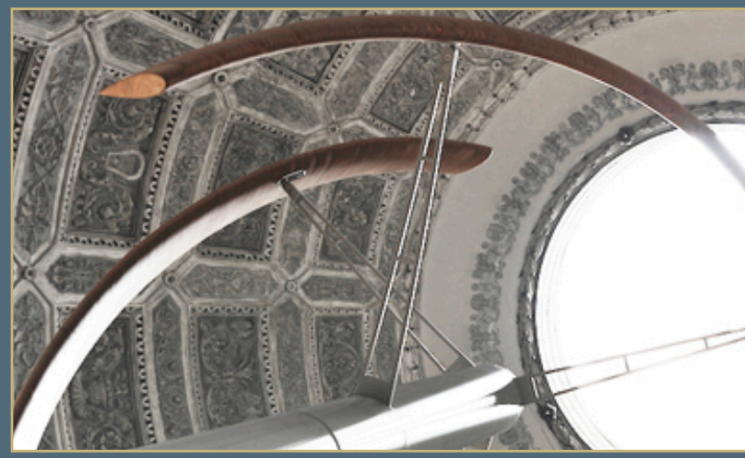
masterpieces by enessere

the enessere wind turbines have been conceived and designed according to the golden ratio:

beauty and harmony

"If good parts can make a great product,

Incredible Parts can Lead to a Legendary One"



"a marvel of wind engineering that combines extremely high-quality materials with impeccable design"

created for iconic projects, not ordinary developments

Building Tech Of The Year

enessere

Longlisted Archello Awards '26

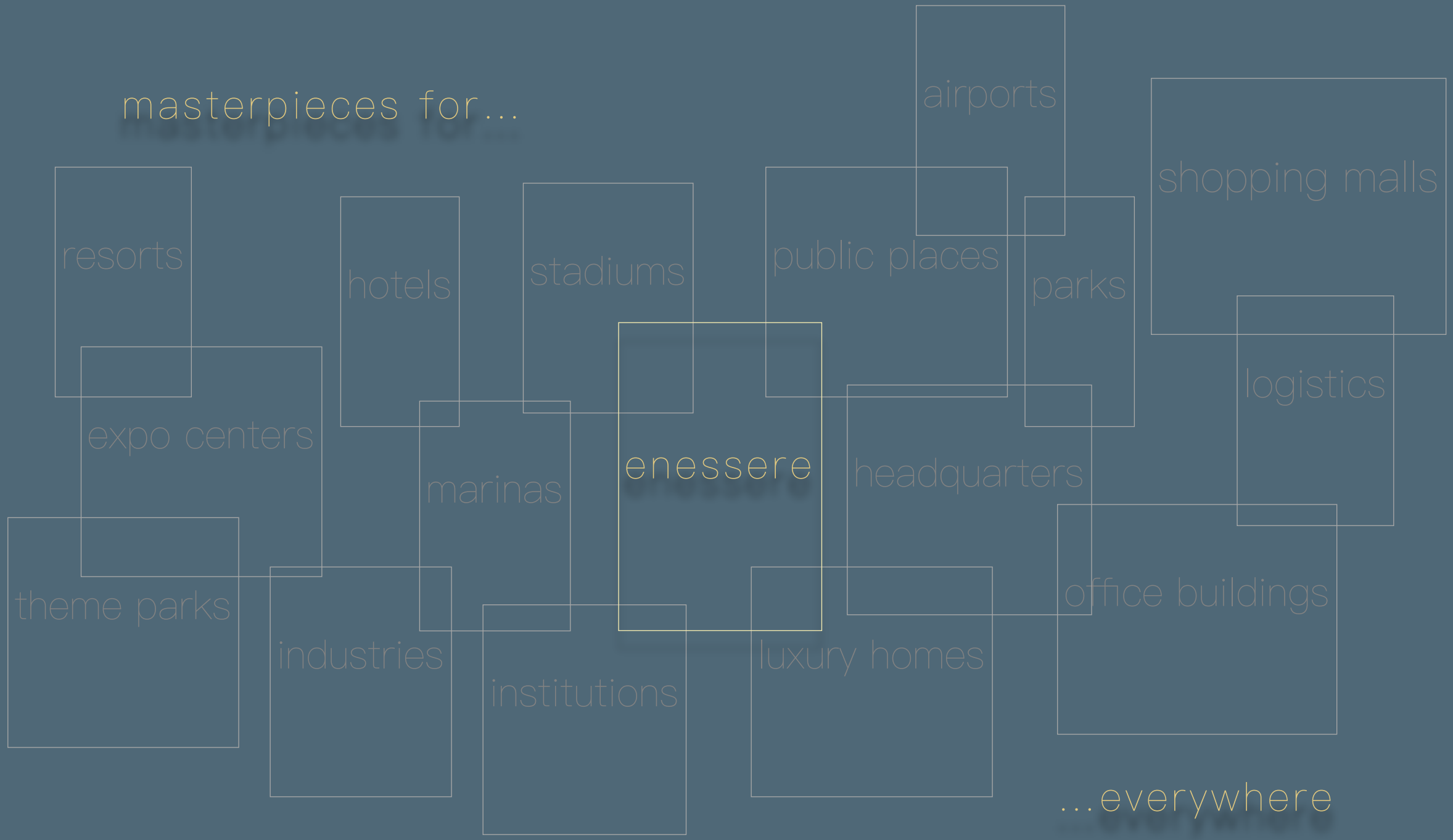
Architectural Energy Design

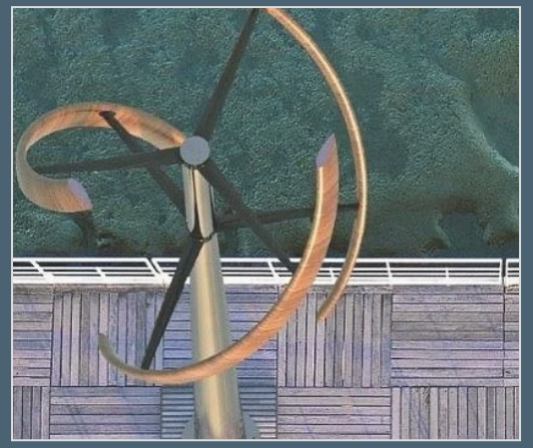
The Ultimate Level Of Wind Energy

master wind

Exclusive Agent For Greece & Cyprus

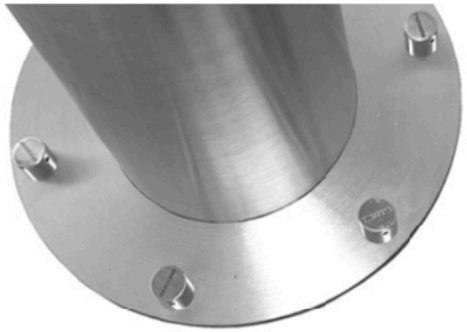
The World's Only Handcrafted Wind Turbine


masterpieces for...
airports
shopping malls
resorts
hotels
stadiums
public places
parks
logistics
expo centers
marinas
enessere
headquarters
theme parks
industries
institutions
luxury homes
office buildings
...everywhere



art & technology

HERCULES **NATURAL**



PAULONIA + INOX 316

ENESSERE

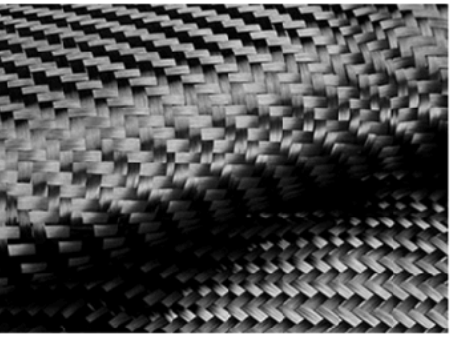
The Paulownia Tormentosa has been used for centuries in Japanese cabinetmaking to make cabinets where the most precious objects were kept, such as silk kimonos and often musical instruments. Even today, the load–bearing beams of the roofs of houses in Japan are made of Paulownia, thanks to its characteristics of lightness and ductility.

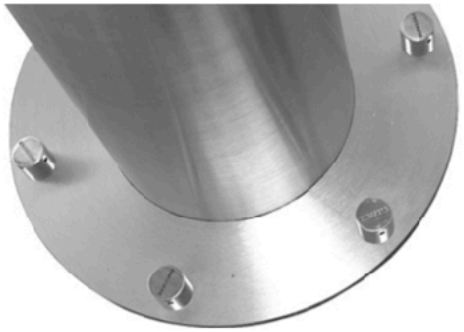
Paulownia wood comes from the Paulownia Tomentosa tree, known for its ecological characteristics: this tree grows in record time and produces 4 times more oxygen than other trees. Each wing of the Hercules wind turbine, is covered with 4000 handmade strips of Paulownia wood.

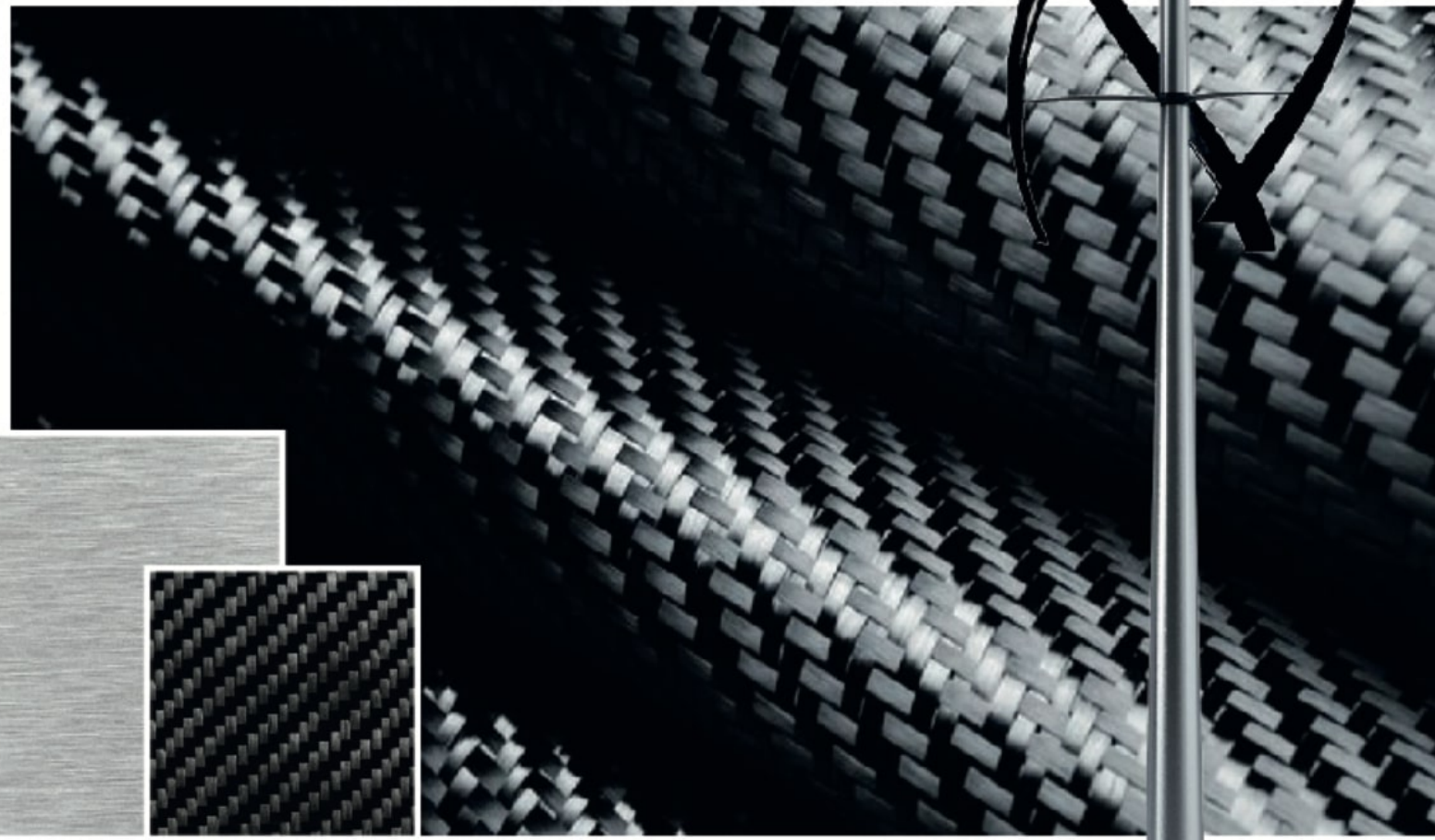
paulownia wood

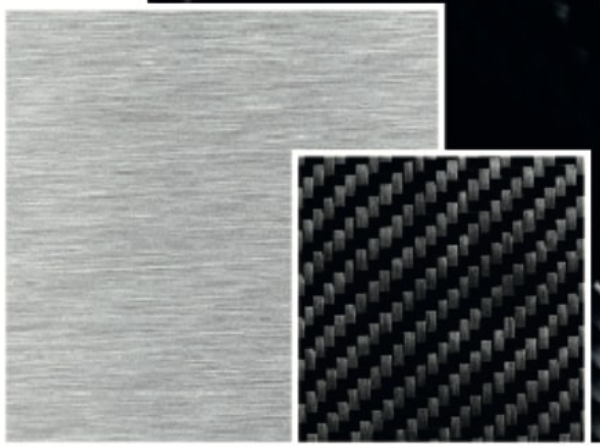
ultimate technology & finest craftsmanship

HERCULES **TECH**









FIBRA DI CARBONIO + INOX 316

The use of stainless steel for the Hercules Wind turbine tower is a choice that goes beyond corrosion resistance. This high-quality material is virtually immune to rust, ensuring exceptional durability, especially in coastal environments where the salinity of the air could represent a challenge to other metal alloys.

In these locations, where wind production is often optimal, stainless steel becomes the ideal partner, ensuring a reliable and long-lasting operation of the ENESSERE wind turbines.

acciaio inox

ultimate technology & finest craftsmanship

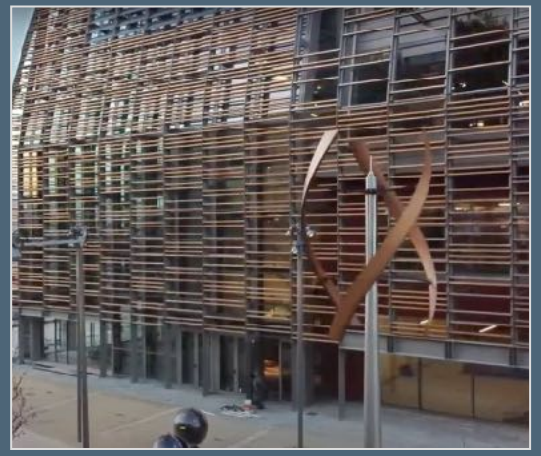
The vertical wind turbines for home use made by ENESSERE are manufactured in a carbon fiber and steel structure and, in their premium version, wings are covered in Paulownia wood. The contrast between metal, carbon and natural materials in the end result is aesthetically pleasing. It's also the best way to promote the green economy concept: our small wind turbines are totems themselves, sustainability symbols, something unique in the green technologies landscape.

CARBON FIBER – STAINLESS STEEL

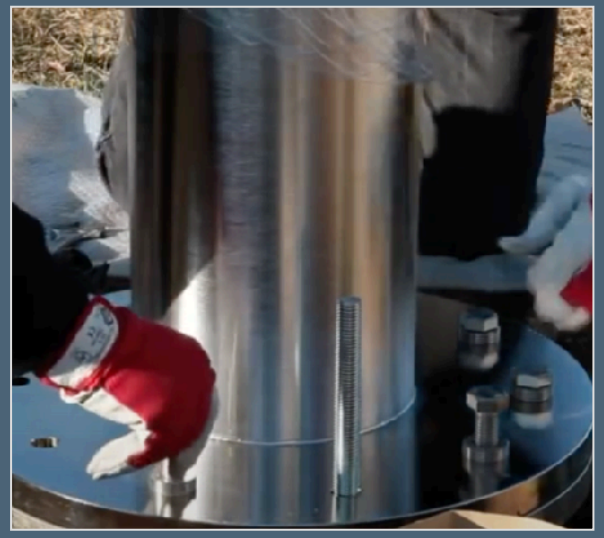
AN INTELLIGENT WIND TURBINE

ENESSERE Wind Turbine is a one–of–a–kind work of intelligent wind engineering. What makes it special is its ability to constantly adapt to environmental conditions to improve its performance accordingly. Equipped with advanced sensors, this wind turbine collects real wind data from the installation site, which is constantly monitored and processed by proprietary software, allowing the micro wind turbine to continuously optimise its efficiency.

Ultimate Tech Support



Ultimate Tech Support

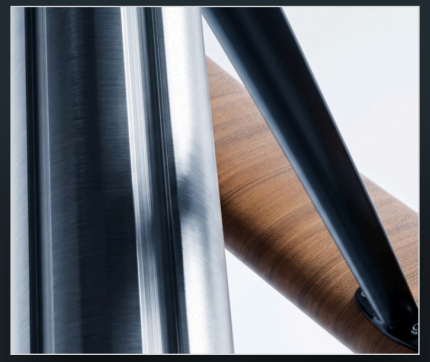


PALFINGER

carbonio

legno

acciaio



Embassy of Switzerland

Copenhagen

Denmark

Multi–functional Complex

Enessere + Renzo Piano Studio

12 Wind Turbines

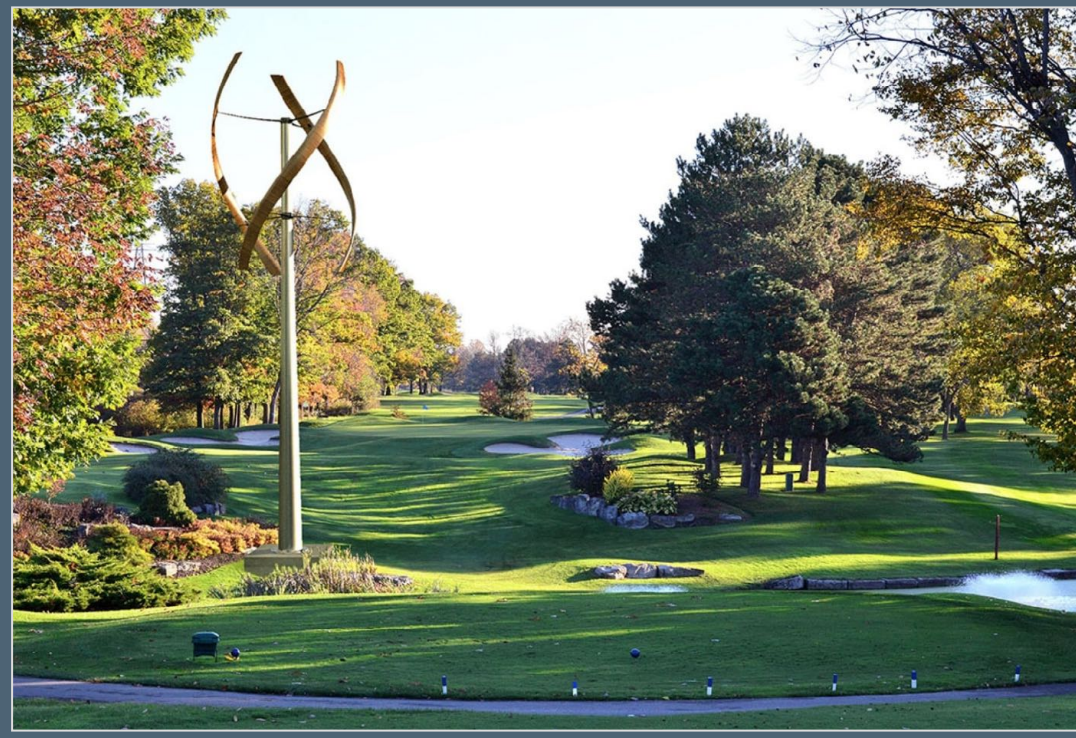
Cultural Center Argentine

Enessere – Pelli Clarke Architects

Tower – 5 Turbines

Golf Club

Switzerland



Smart City

Japan

Public Garden

Italy

Luxury Residence

New Zealand

Congress Centre

Philip Morris International

Headquarters

Switzerland

Omega SA Swatch Group

Headquarters

Switzerland

François Pinault

Kering Eyewear

Headquarters

Italy

Pistoia Campus

Italy

Italian Alps

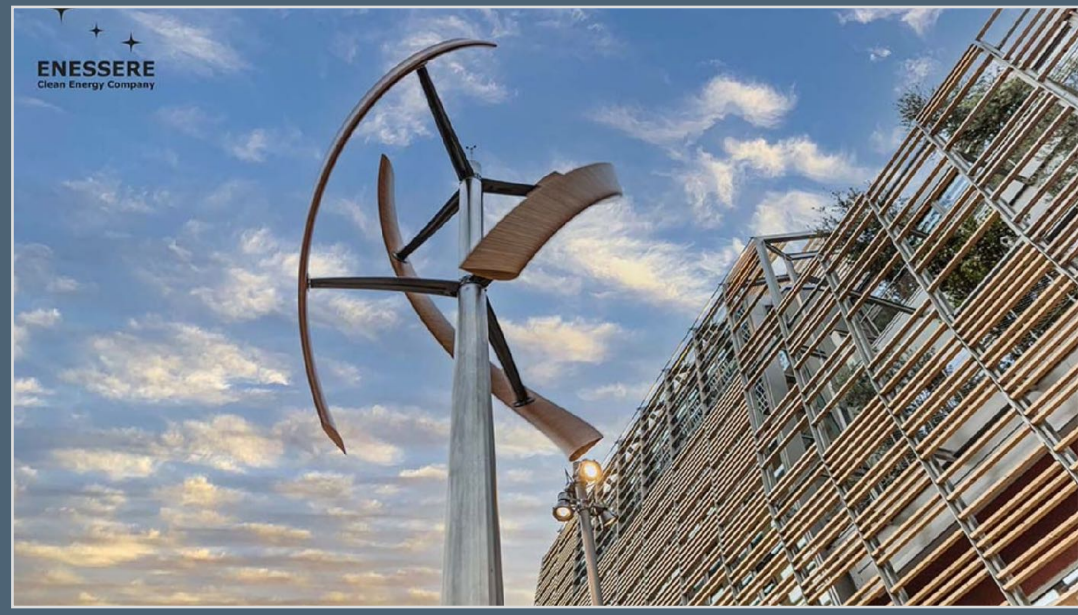
Gressan

Italy

Green Pea

World’s First Fully Green Retail Park

Italy



Soleol SA

Headquarters

Switzerland

Landscape Assisi

Italy

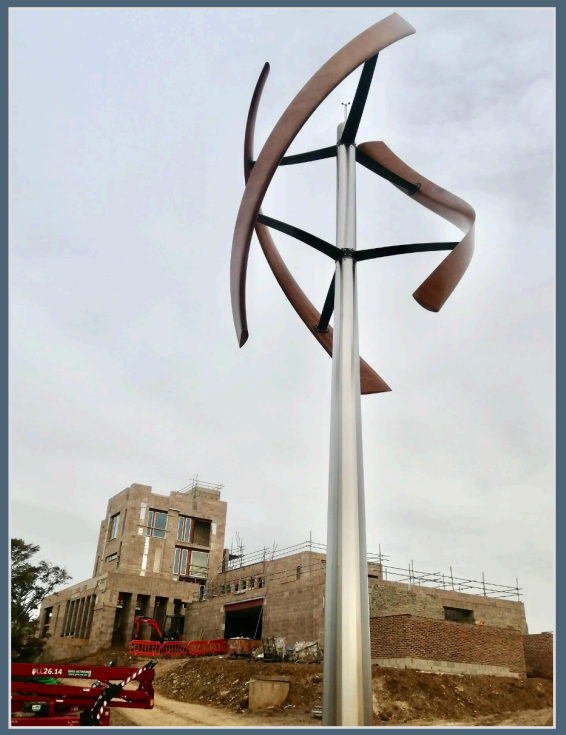
Prossimo Resort

Breno

Italy

Oversley Castle

UK



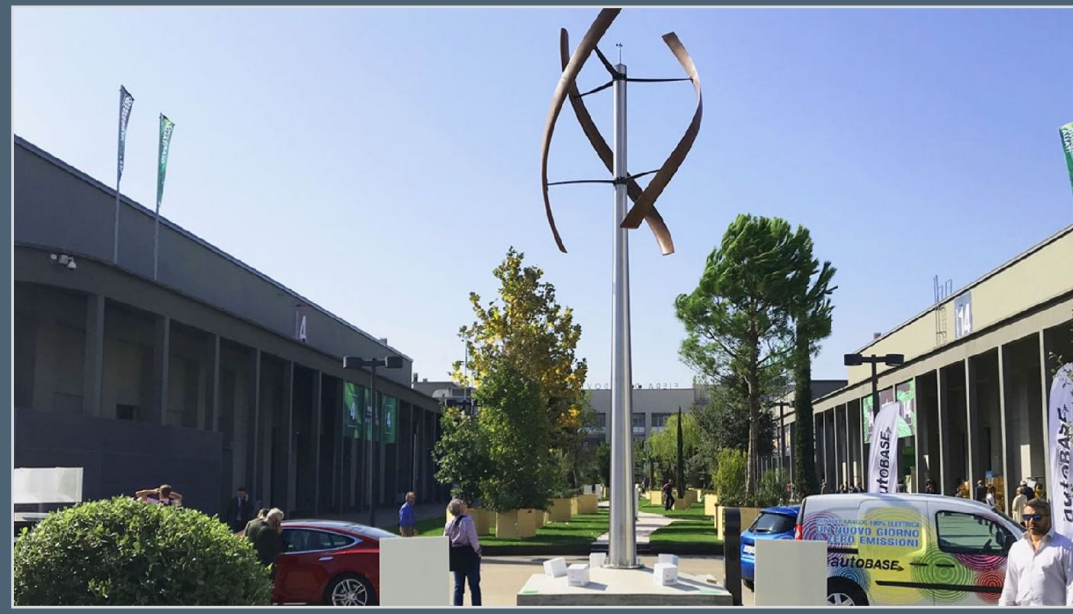
Hudson Winds

Public Art Installation

New York

International Fair

Italy



Rozelle Bay

Bicentennial Park

Australia

Margraf

Gambellara (VI)

Italy

3* Michelin Restaurant Le Suquet

France

Maritime Riviera

Resort & Spa

Seaside Location

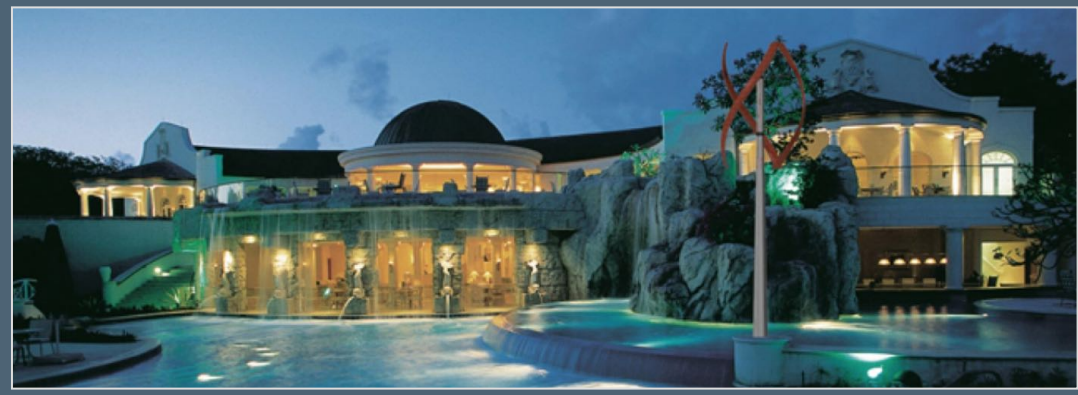
Luxury Resort & Spa

Indonesia

Holmwood House

Sandy Lane Hotel

Barbados



Summerhill Residense

“the best micro wind turbine ever built”

“no compromise between beauty and technology”

“ultimate technology & finest craftsmanship”

MADE IN ITALY

Our new modular base created is the ideal solution for those looking for an innovative and elegant way to enhance spaces without the obligation of fixed anchors.

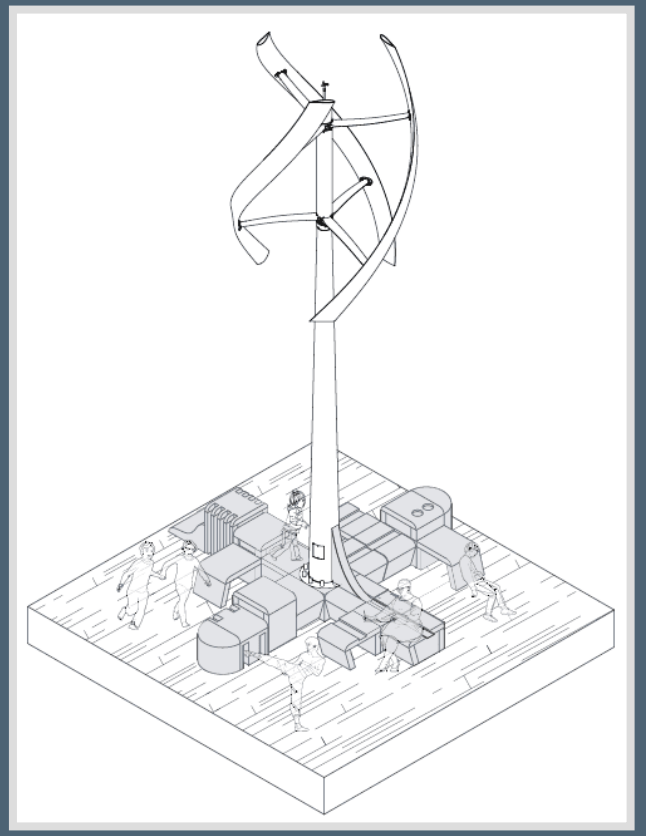
The modular bases not only act as ballast for the ENESSERE wind turbines, but can also be used to create new usable spaces underneath them, expanding the landscape value of the area.

The new modular base for enessere micro vertical wind turbine

Urban furniture design is essential to enhance public spaces innovatively and stylishly. Our new foundation represents a flexible, high–impact solution for enriching urban environments.

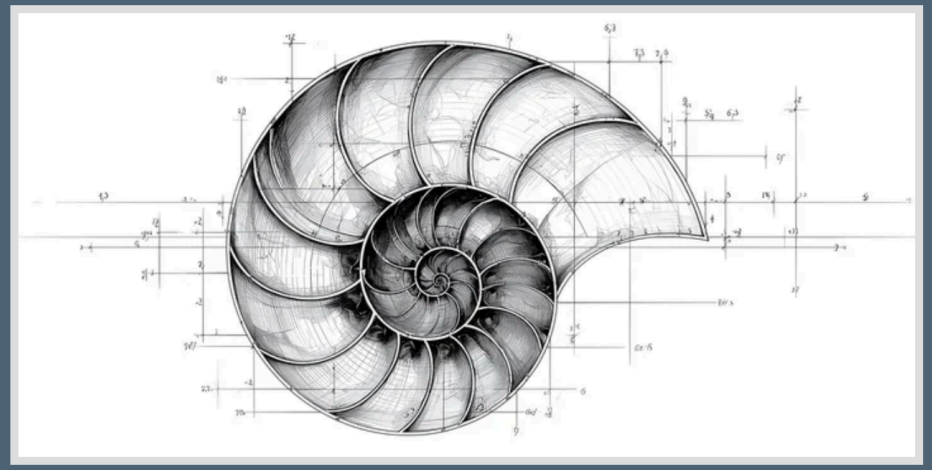
Thanks to UPN metal profiles and modular concrete blocks with marble lining, this plinth guarantees a quick and easy installation without digging and allowing the levelling of the support surface.

Modular blocks act as ballast for the enessere wind turbines and can create new valuable spaces beneath them, expanding the landscape value of the entire urban area.



The new modular base for enessere micro vertical wind turbine

enessere is the top level
of the wind revolution
with wind turbines that operate
completely silent
and have been designed according to
the golden ratio



with enessere wind turbine, the wind is transformed into a true work of art

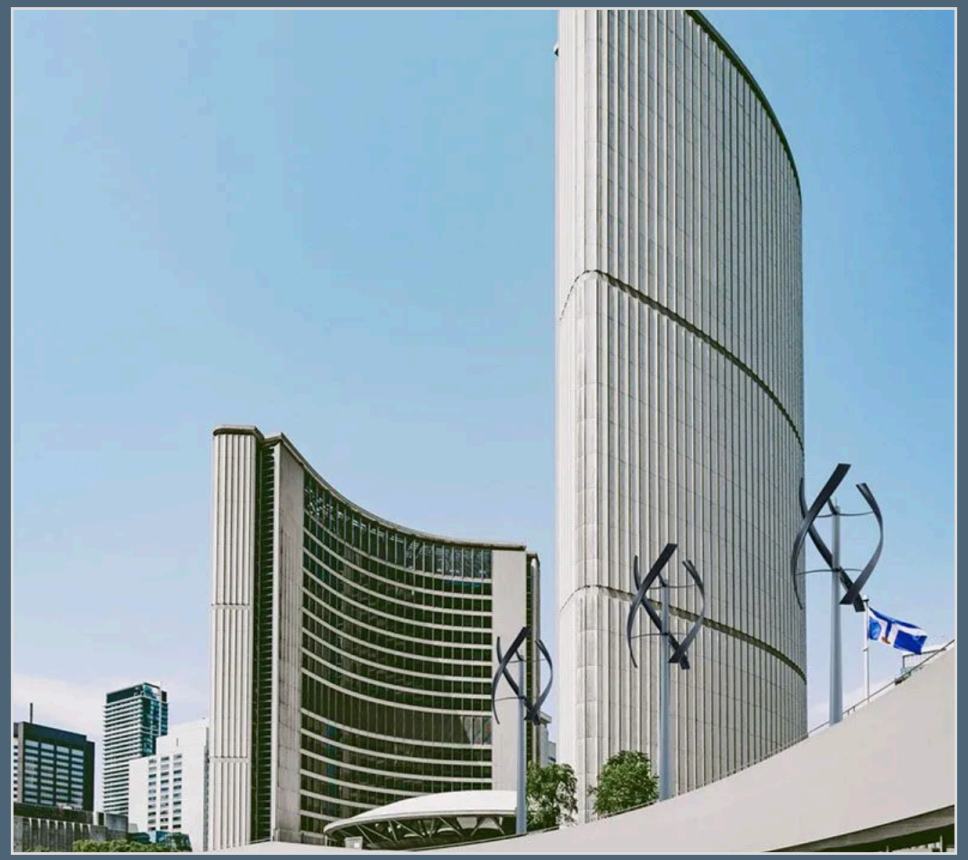
enessere presents a range of intelligent photovoltaic shelters, designed to offer modular and highly customised solutions for high–level landscape contexts.

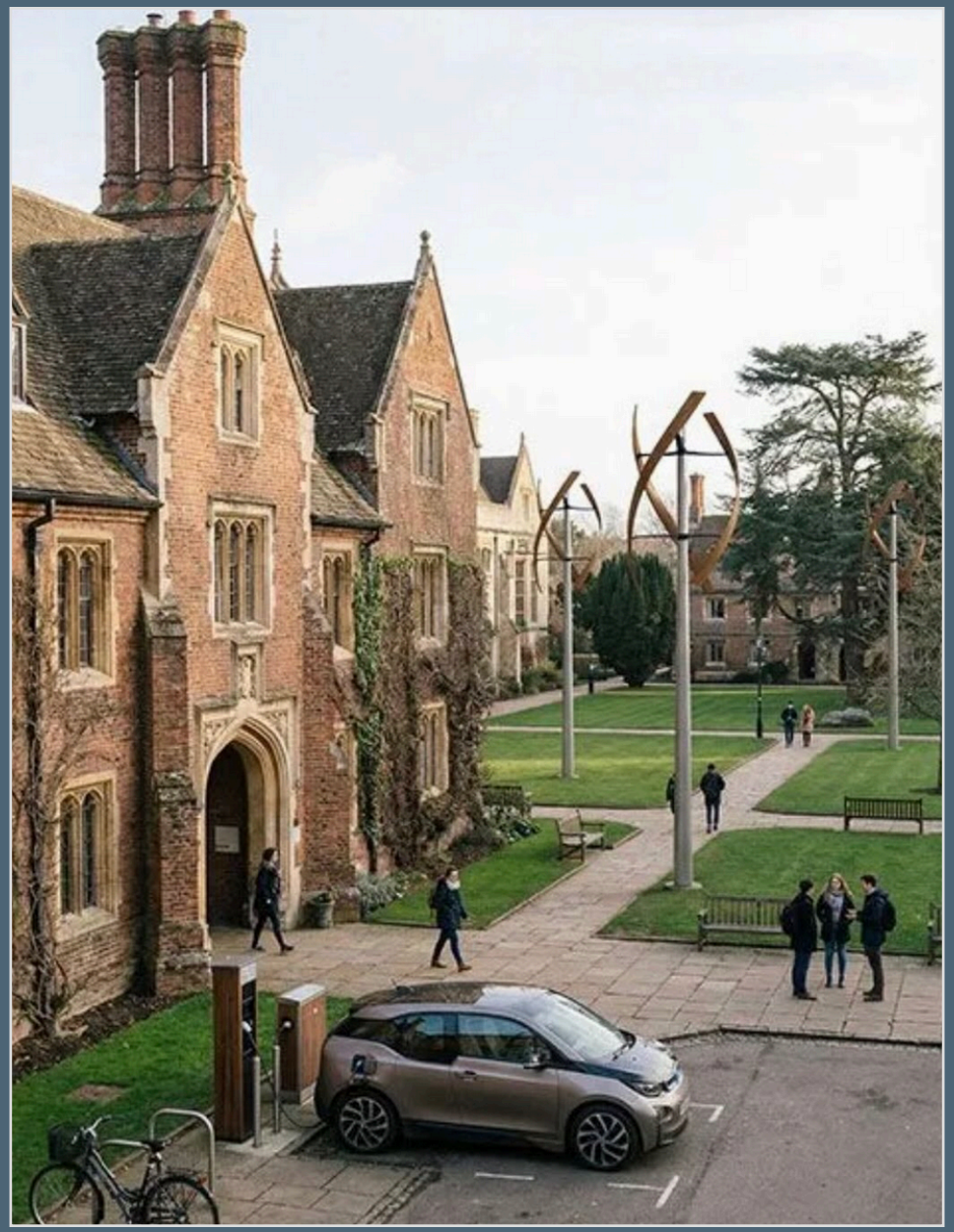
The shelters are suitable for both residential uses and broader urban redevelopment interventions.The combination of ENESSERE micro wind turbines and shelters offers an integrated sun and wind solution of high aesthetic and technological value.

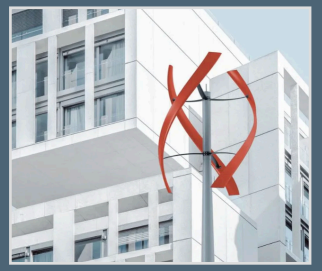
We have selected a series of intelligent photovoltaic shelters, designed to offer modular and highly customised solutions for high–level landscape contexts to complement our micro wind turbines.

Thanks to the distinctive design, characterised by a curved roof and the optimisation of the photovoltaic strings of the modules, the southward orientation of the structure is no longer binding, thus offering maximum freedom to interpret and enhance the context.

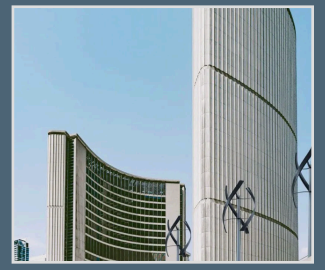
ENESSERE
Clean Energy Company

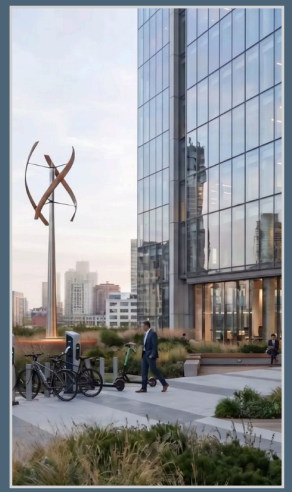


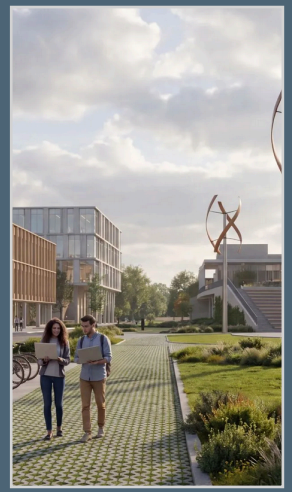
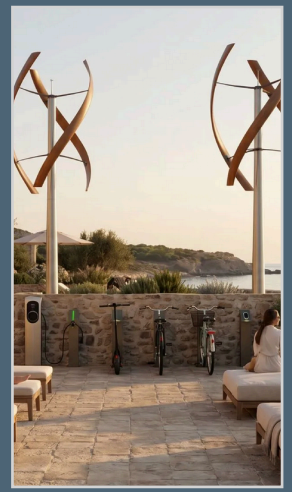




art in motion

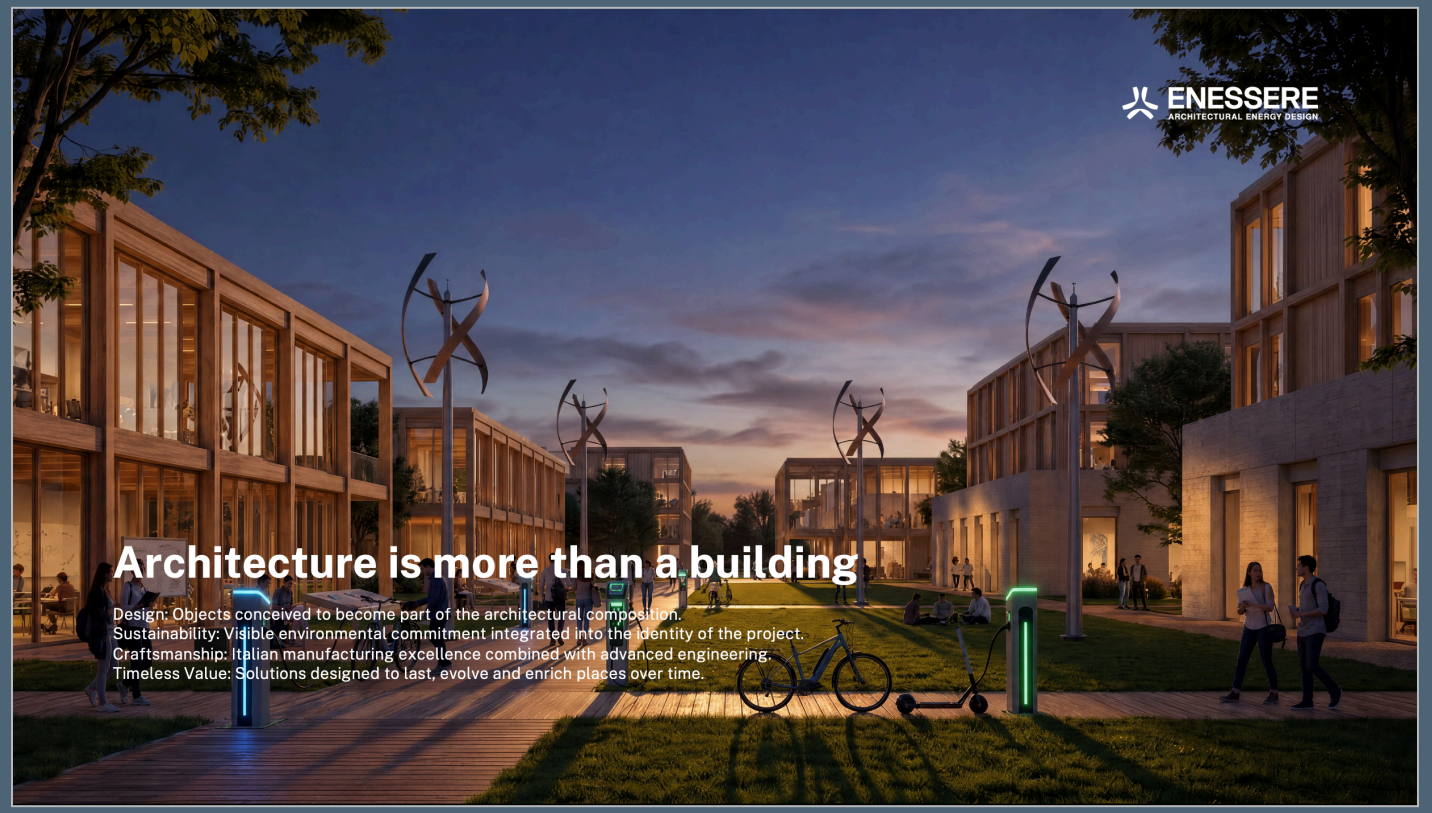




enel x

ENESSERE
ARCHITECTURAL ENERGY DESIGN
Architectural Energy Design
Where architecture, landscape and renewable energy become one.
FOR
RENT


ENESSERE
ARCHITECTURAL ENERGY DESIGN
Architecture is more than a building
Design: Objects conceived to become part of the architectural composition.
Sustainability: Visible environmental commitment integrated into the identity of the project.
Craftsmanship: Italian manufacturing excellence combined with advanced engineering.
Timeless Value: Solutions designed to last, evolve and enrich places over time.

architectural
energy design

enessere
wind turbine
ENERGY IN
HARMONY
WITH NATURE

the signature of sustainable luxury

KERRY HILL
ÁLVARO SIZA
CONTEMPORARY HOUSES
SAARINEN
FUNDING OPPORTUNITIES
FEASIBILITY STUDY
APPROVED
ENERGY PRODUCTION ESTIMATE
TADAO ANDO
BRUTALIST PLANTS
THE KINFOLK ENTREPRENEUR
where architecture breathes

state of the art
custom installations

ENERGY THAT POWERS ARCHITECTURE,
LANDSCAPE AND EXPERIENCE

compliance with regulations and directives

The wind turbine has obtained the following certifications and complies with the following directives:

- CE certification
- EN 61400–2 “Wind turbines — Part 2: Small wind turbine systems design requirements”
- EN 12100–1:2010 “Safety of machinery — General principles for design — Risk assessment and risk reduction”
- EU Directive 2014/35/EU on low voltage electrical equipment
- EU Directive 2014/30/EU on electromagnetic compatibility

The electrical panel is equipped with the following certifications and complies with the following directives:

- CE certification
- CEI 0–21 “Technical regulation reference for the connection of active and passive users to the LV networks of electricity distribution companies”
- EN 61000–2–2 “Electromagnetic compatibility — Part 2: Environment — Section 2: Compatibility levels for low frequency conducted disturbances and signaling in public low voltage power supply networks”
- EN 61000–3–11 “Electromagnetic compatibility (EMC) — Part 3: Limits — Section 11: Limitation of voltage changes, voltage fluctuations and flicker in public low voltage power supply systems for equipment with rated currents <= 75 A and connected to condition IEC 61000–3–11:2000”
- EN 61000–3–12 “Electromagnetic compatibility (EMC) — Part 3–12: Limits — Limits for harmonic currents produced by equipment connected to the public low–voltage network with input currents > 16 A and <= 75 A per phase IEC 61000–3–12:2011 IEC 61000–3–12:2011/IS1:2012”
- EN 61000–6–1 “Electromagnetic compatibility (EMC) — Part 6–1: Generic standards — Immunity for residential, commercial and light industry environments”
- EN 61000–6–3 “Electromagnetic compatibility (EMC) — Part 6–3: Generic standards — Emission for residential, commercial and light industrial environments”
- EN 62109–1 “Safety of power converters for use in photovoltaic power systems — Part 1: General requirements”
- EN 62109–2 “Safety of power converters for use in photovoltaic power systems — Part 2: Particular requirements for inverters”
- G59–3

beyond infrastructure

The next generation of sustainability systems should not remain hidden technical equipment disconnected from architecture, public space and human experience.

Renewable infrastructure can evolve into publicly visible landmarks.

Energy systems can become part of civic identity.

Architectural sustainability can move beyond compliance and contribute to the long-term cultural and environmental presence of cities, waterfronts and internationally visible destinations.

The Landmark Sustainability Platform was created around a simple principle:

The most meaningful sustainability systems of the future will not only generate energy.

They will also generate:
- **presence,**
- **interaction,**
- **emotion,**
- **and long-term identity.**

By combining selected international renewable and architectural systems within curated flagship environments, the platform aims to contribute to a new generation of publicly visible sustainability landmarks designed for enduring environmental, architectural and civic value.

Sustainability is no longer only performance.

It is becoming part of architecture itself.

masterpieces for...
airports
shopping malls
resorts
stadiums
hotels
public places
parks
logistics
expo centers
marinas
master
wind
headquarters
theme parks
industries
institutions
luxury homes
office buildings
...everywhere

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Identity

Innovation

Imagination

masterpieces
for a lifetime