

master tree



n. macedonia

Generate your green electricity with the

Aeroleaf®

a micro-turbine that redefines wind energy

Completely Silent Operation



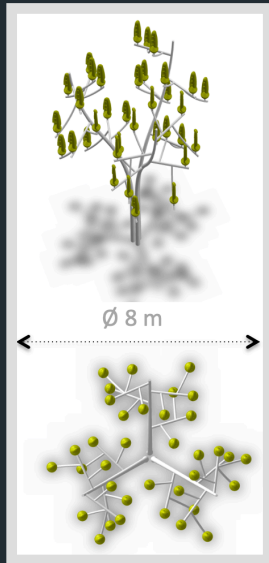
It reduces the carbon footprint of organizations by producing cleanly produced green energy.
It fits perfectly into urban and natural landscapes. High technologies at the service of the planet!

Since 2017 we have been creating smart wind turbines and Aeroleafs for individuals, businesses and communities.

Aeroleafs, in particular, can:

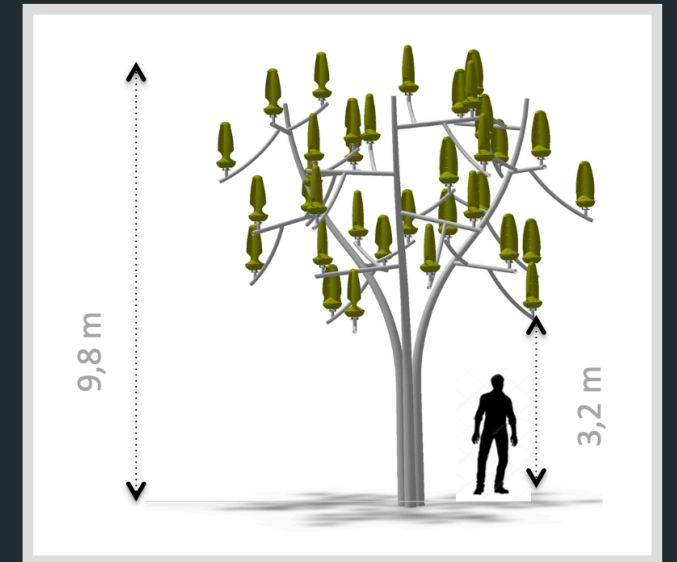
- ✓ To be installed on our metal structures that resemble trees,
- ✓ To be installed on roofs, telecom poles and all types of supports,
- ✓ They meet European regulations stating a threshold of 30% of the energy consumed that must come from renewable.

Complete solution for the production of electricity,
the Wind Tree is ideal for companies and communities.



Max Power:	10800 W
Nominal Power:	5868 W
Power/Aeroleaf:	300 W
Weight:	3600 kg
No of Aeroleaf:	36

Wind Tree



Ultimate Safety

The Aeroleafs are all independent,
which facilitates both production and maintenance as each turbine can be monitored
without stopping the overall production (electrical assembly in parallel), and without risk (low voltage 48V).

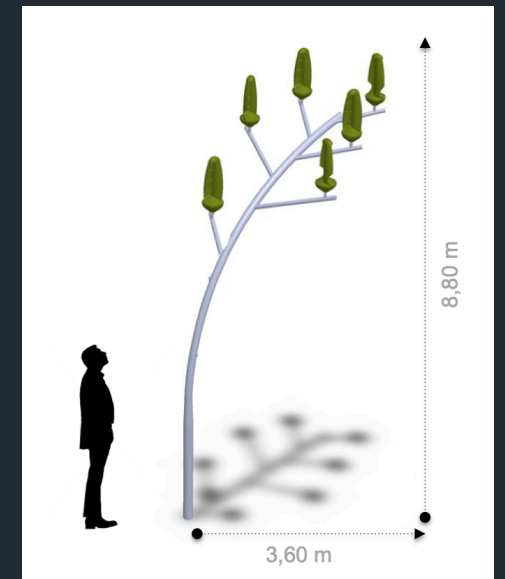
The WIND PALM is a complementary electrical production platform, shaped like a palm tree. This innovation captures all types of wind in urban or natural environments, whether turbulent or laminar, strong or light with a 360 degrees ability.

You can choose your WIND PALM with either 3, 4, or 5 modules like this and either 18, 24 or 30 Aeroleaf, producing between 5400 Watts and 9000 Watts.

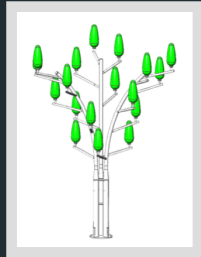
This allows you to vary the size according to your electrical needs.

The WIND PALM is composed of 3 to 5 modules (or trunks). Each of them carrying 6 micro turbines called Aeroleaf. The WIND PALM is an interesting alternative to the WindTree. Smallest, simplest, scalable keeping the same design and silent.

Wind Palm



The WindPalm is a tree-shaped electricity production system made up of 3 to 5 steel trunks and branches on which 18 to 30 leaf-shaped wind turbines are fixed.



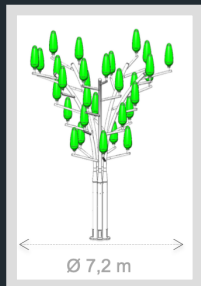
wind palm 18a

Max Power: 5400 W
Nominal Power: 2934 W
Power/Aeroleaf: 300 W
Weight: 1450 kg
No of Aeroleaf: 18



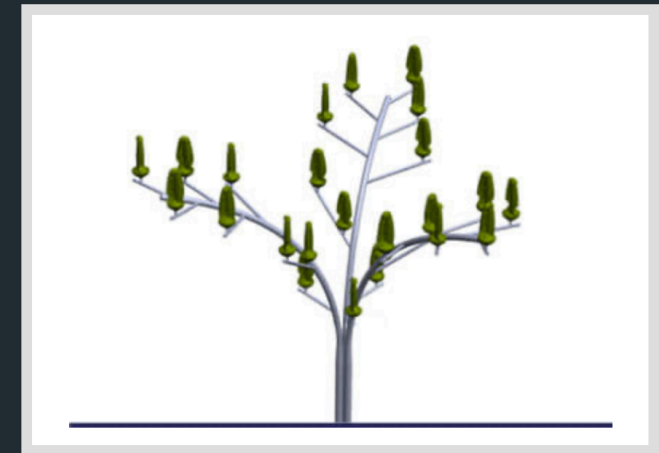
wind palm 24a

Max Power: 7200 W
Nominal Power: 3912 W
Power/Aeroleaf: 300 W
Weight: 1930 kg
No of Aeroleaf: 24



wind palm 30a

Max Power: 9000 W
Nominal Power: 4890 W
Power/Aeroleaf: 300 W
Weight: 2410 kg
No of Aeroleaf: 30



WindPalm

installations with new aeroleafs

starting this year,
all products will be equipped with the new Aeroleafs.

These improvements will include a more attractive
design and higher performance while maintaining
the same price.

Large colour palette for trees and leaves.



New Aeroleafs





New Aeroleafs
Thailand





TCC Factory
Taiwan



New Aeroleafs

euronews



Oss
Netherlands
The Word Times Magazine USA



Switzerland
The Word Times Magazine UK





“forest” of wind-trees

Lanzarote
Canary Islands
Spain





Aeroleafs

Ultimate Roof Installations





New Aeroleafs
Ultimate Roof Installations
Special Colour



Geneva
Switzerland



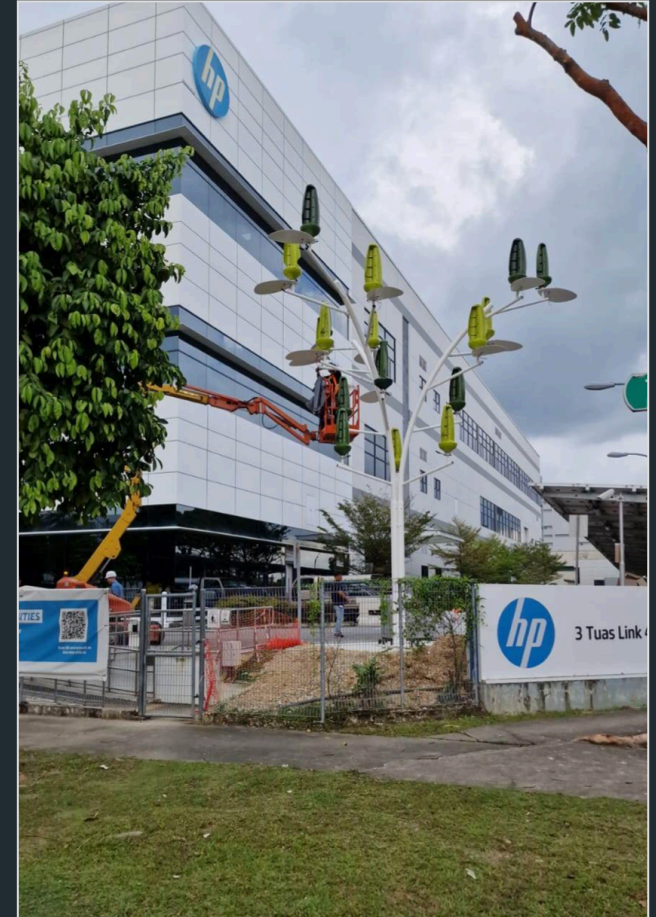
Roland Garros
France



Robert Wagner Stadium
France



Hewlett-Packard
Headquarters
Hybrid Modular-Tree
Singapore



public place – charging point
Indianapolis
USA



Switzerland



Bezannes – Reims (Nacarat)
France



Le Bourget – Paris
France



Geneva
Switzerland



Principauté d'Andorra
Ordino



International Fair
Paris – France



Chilly – Mazarin
France



unique modern building
headquarters



Vermont
USA



Luxury Resort – Alps
France



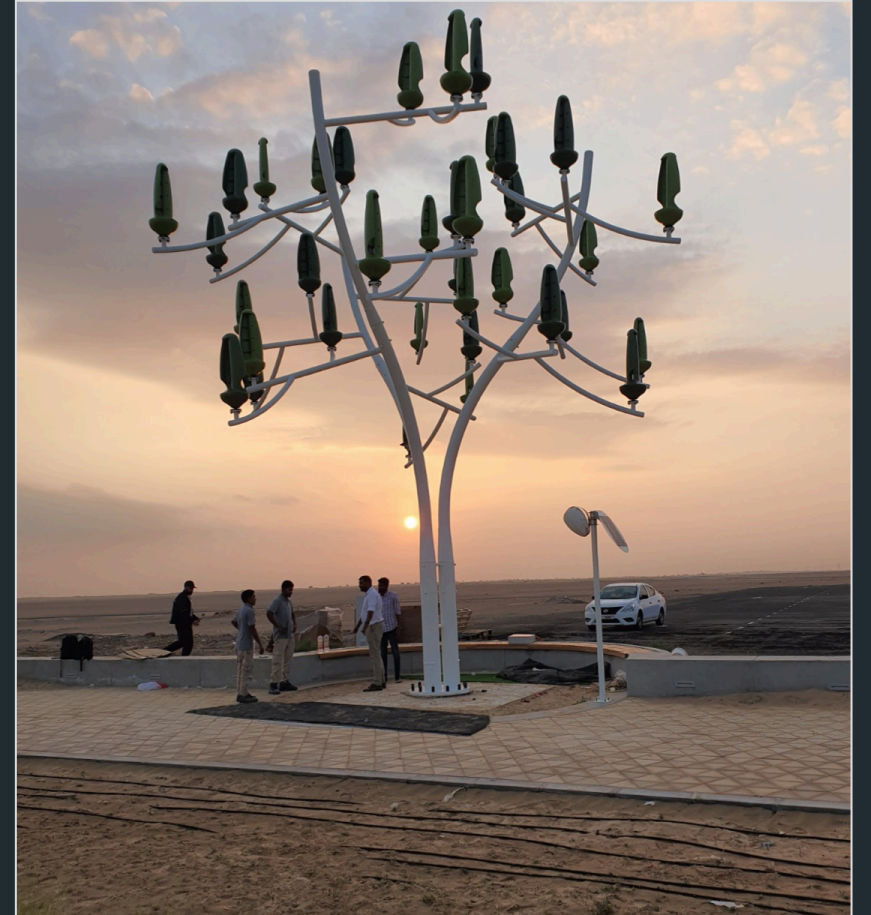
Gerlingen
Germany



Haussimont
France



United Arab Emirates
Dubai



Solar Innovation Centre Dubai



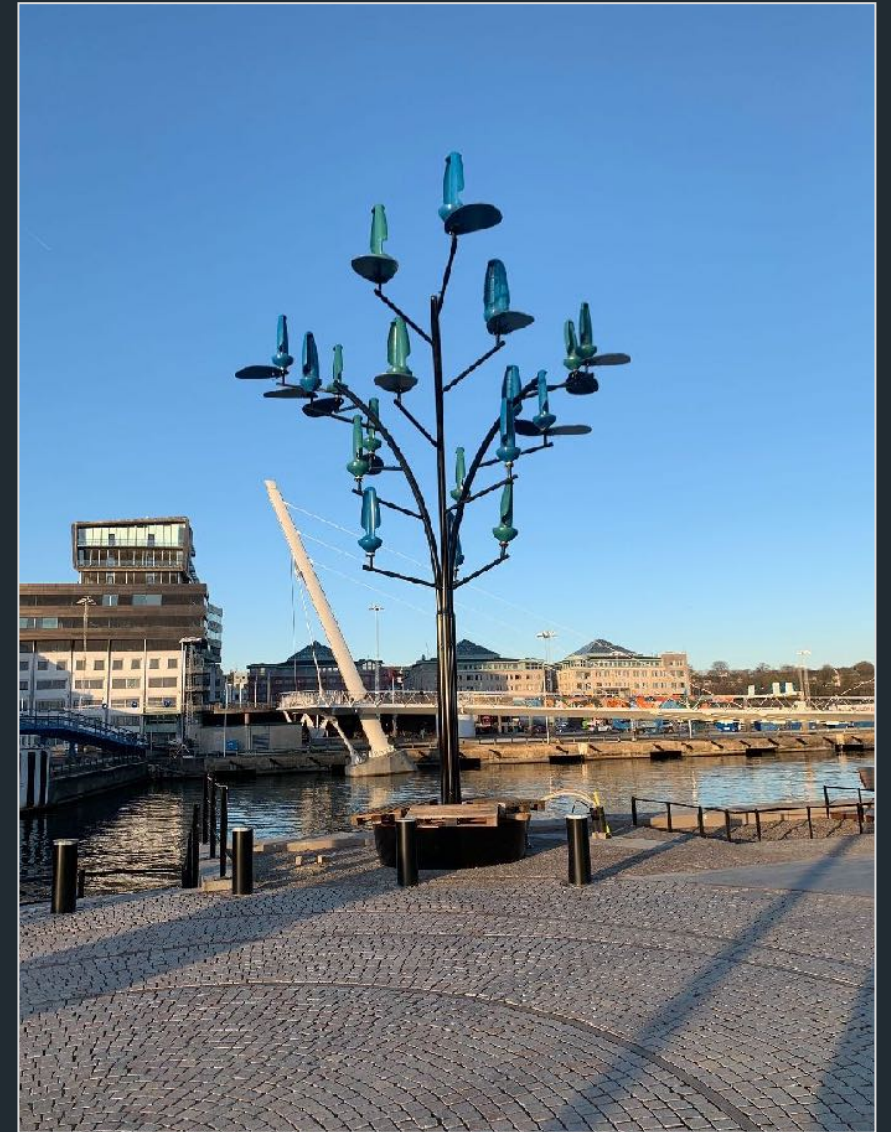
Al Maktoum Park
Dubai



Le Pont
Switzerland
WindBush 12 Aeroleafs
3,6 KW



Helsingborg
Sweden
Hybrid Modular Tree
18 Aeroleafs – 5,8 KW



France
WindTree – 36 Aeroleafs
10,8 KW



Bellinzona – Ticino
Switzerland





unique projects





unique projects





unique projects





unique projects





unique projects





unique projects





unique
projects



Jean-Marc Metais
Christian Sellin
France



unique
projects

project handover
ceremony
France





unique
projects

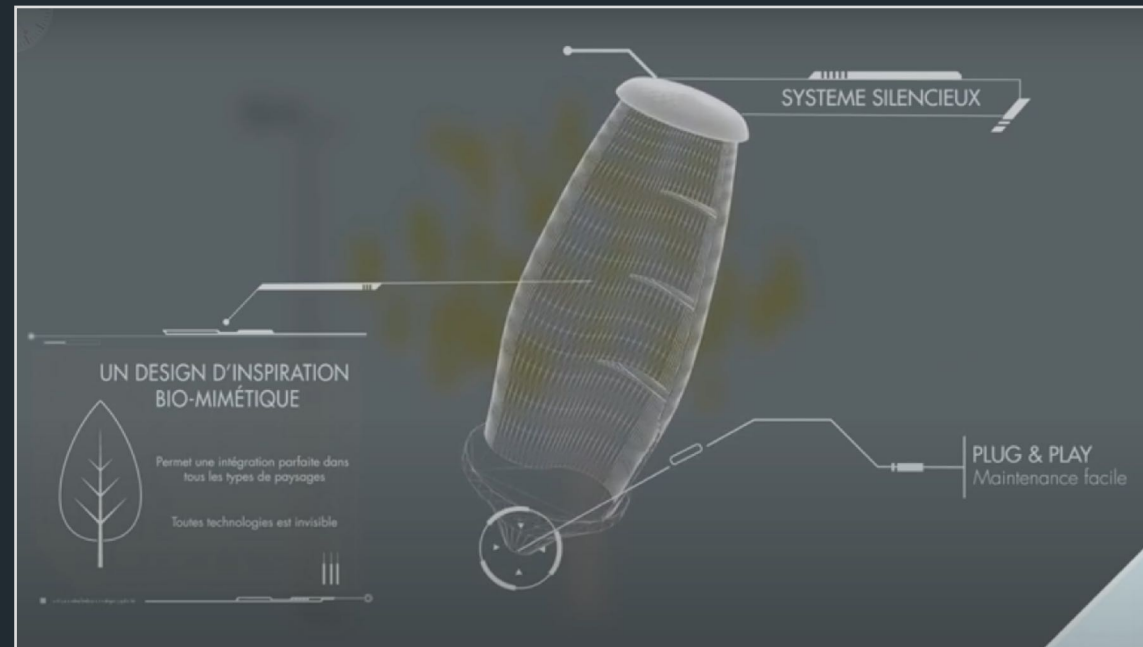


Climate Change Conference



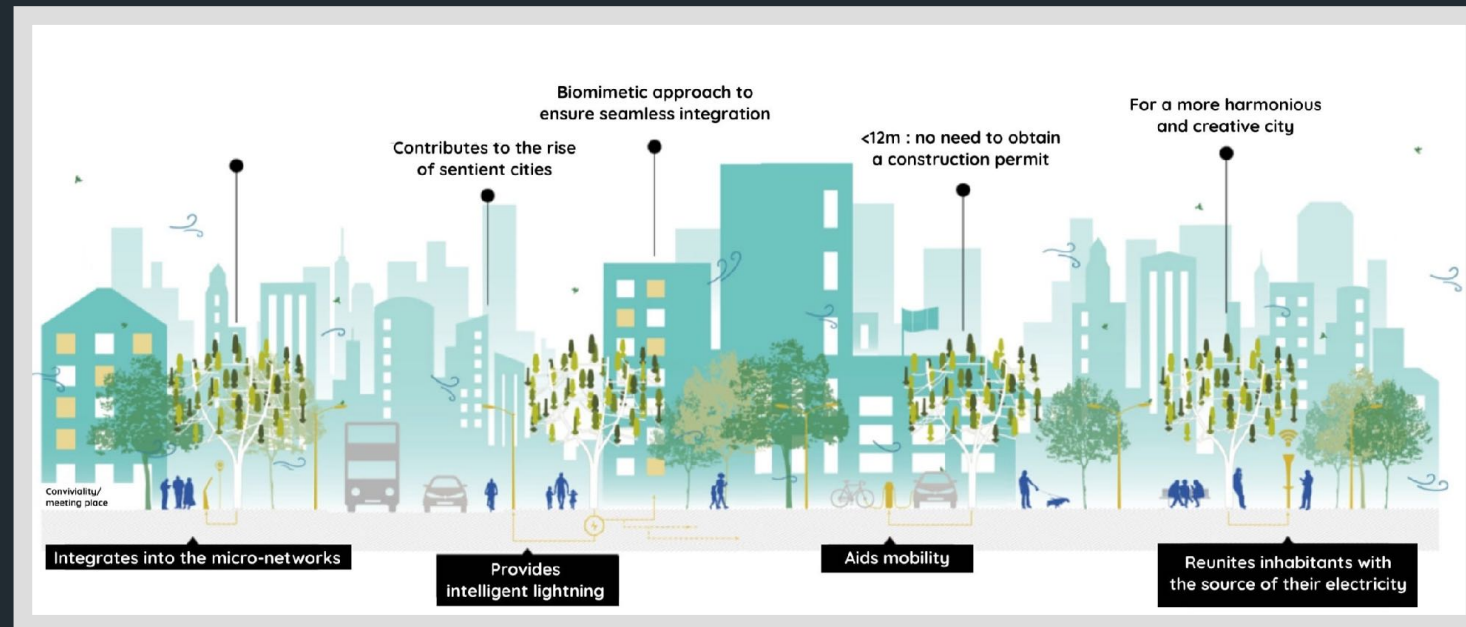
United Nations
Paris – France

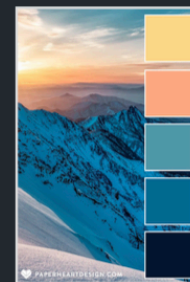
The Aeroleaf® has a starting threshold lowered to 2.5 m/s of wind



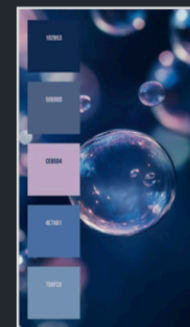
The rotation of Aeroleaf® generates no noise due to their direct drive mechanism, without belt or gear, particularly adapted to capture the weakest and most turbulent winds.

Smart Cities

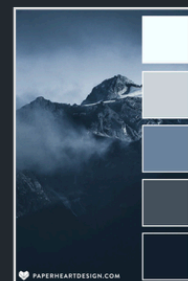
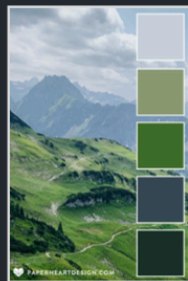
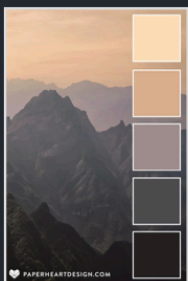




smart cities



unique colour palettes to meet your architectural challenges



award winning proprietary technology





Winner of the World's Best Innovation Awards







Contacts

n. macedonia

Skopje

e: n.macedonia@master-tree.com

e:: sales@master-tree.com

w: mk.master-tree.com

Headquarters

t: +30 211 770 5653



master
tree