



WINDCREDIBLE

Our **Mission** is to provide
Accessible Wind Energy

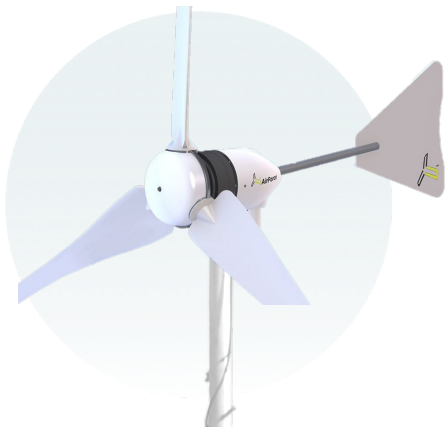


The Problem

Why don't we see wind turbines in the city?



The Problem



Most Common HAWT

Efficient at High Wind Speeds

Noisy



Savonius VAWT

Efficient at Low Wind Speeds



Windcredible VAWT

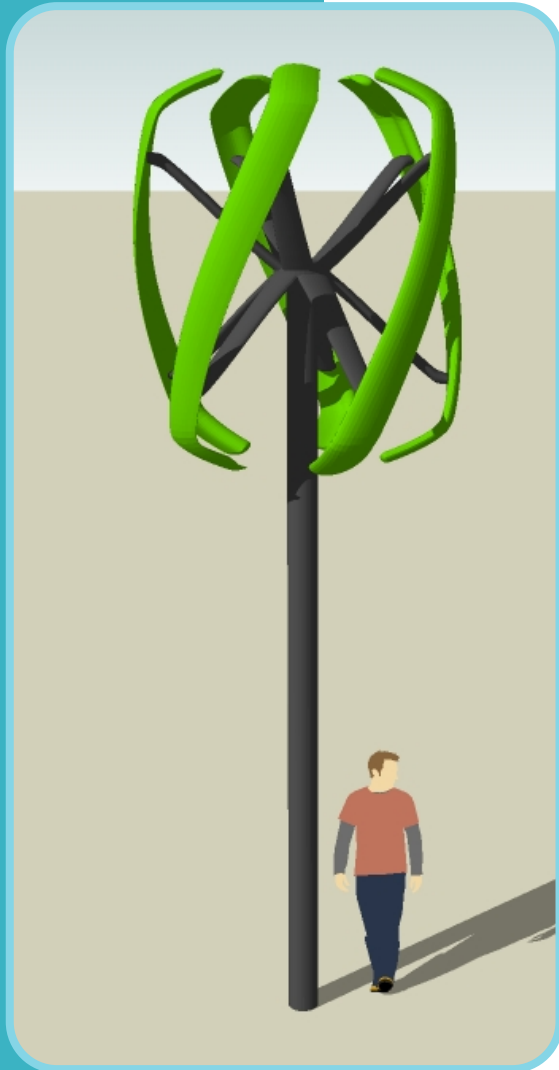
5 Bladed

✓ **Efficient**

✓ **Silent**

✓ **Safe**

Small Wind Turbines



INSTALL



Saves 20% to 50%
on the electricity bill*



CONNECT



Works day and night



SAVE



3 X more energy / m2

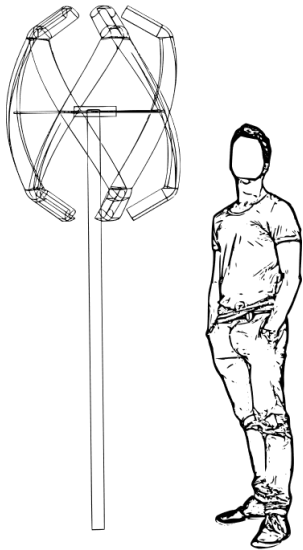


Family of 4*

Models and Use cases

Nano

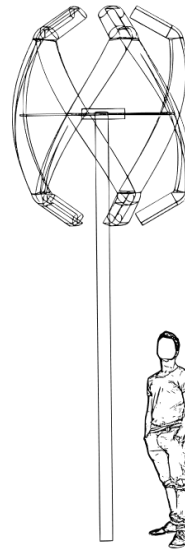
100W – 70cm



Camping
Survival

Urban

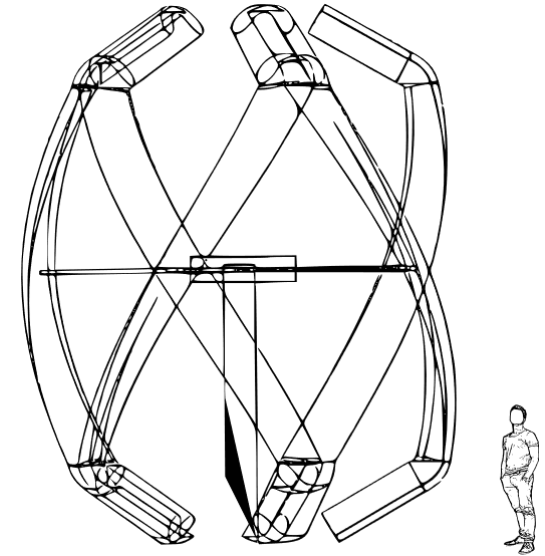
1KW – 2.4 m



Residential, Commercial,
Energy Communities

Farm

10KW – 8m

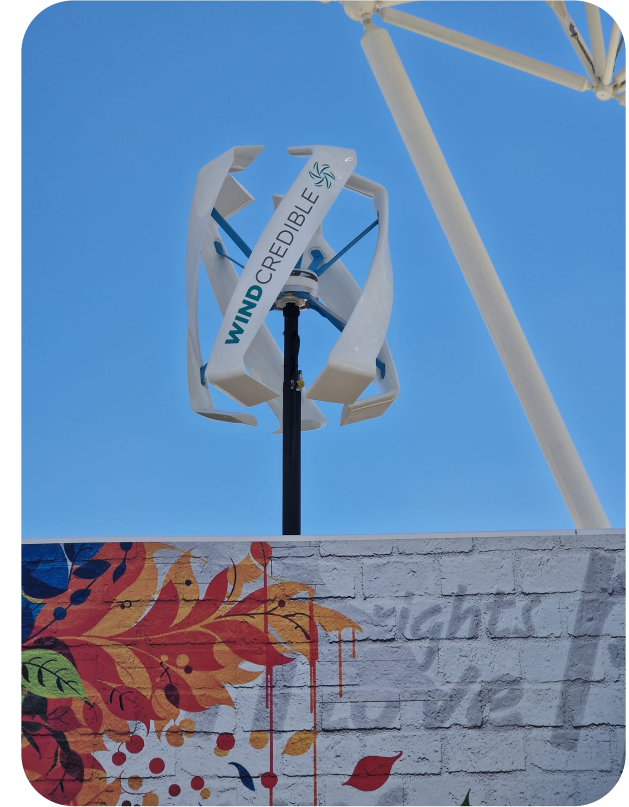


Solar & Wind Farms
Industry

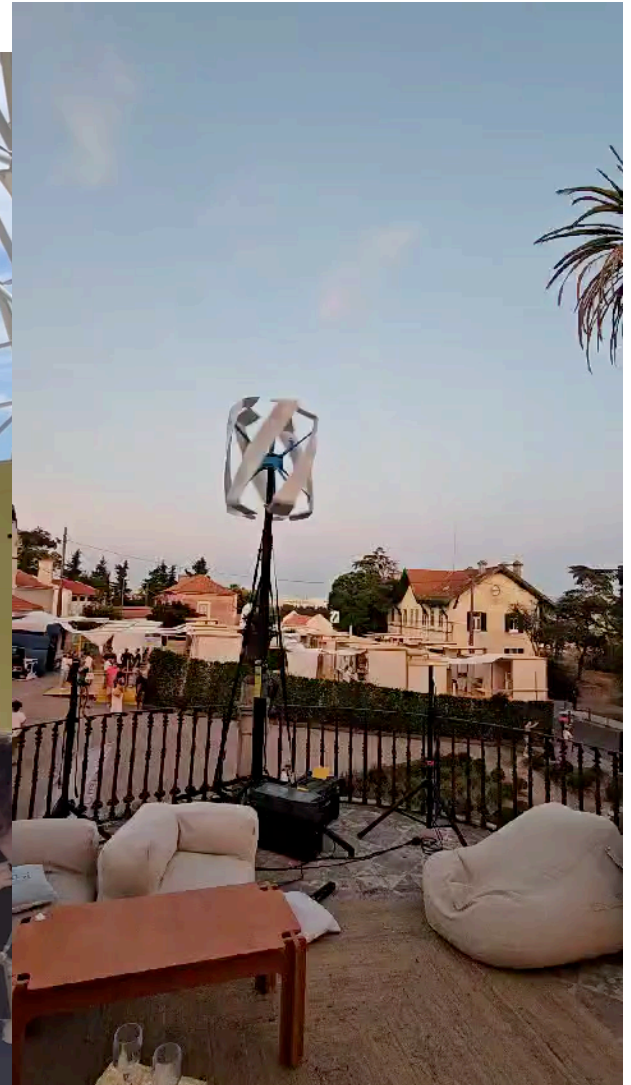
Use Cases



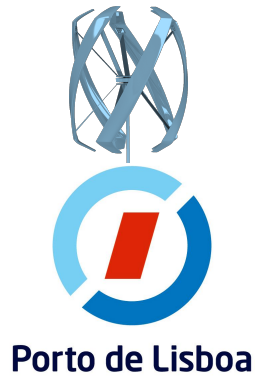
biome
space



Powered by Windcredible



Traction



biome
space
Urban Pilot Batch 10

Partnerships



Events



Invested by



GTM & Business Model

Now

Direct Sale **B2B**

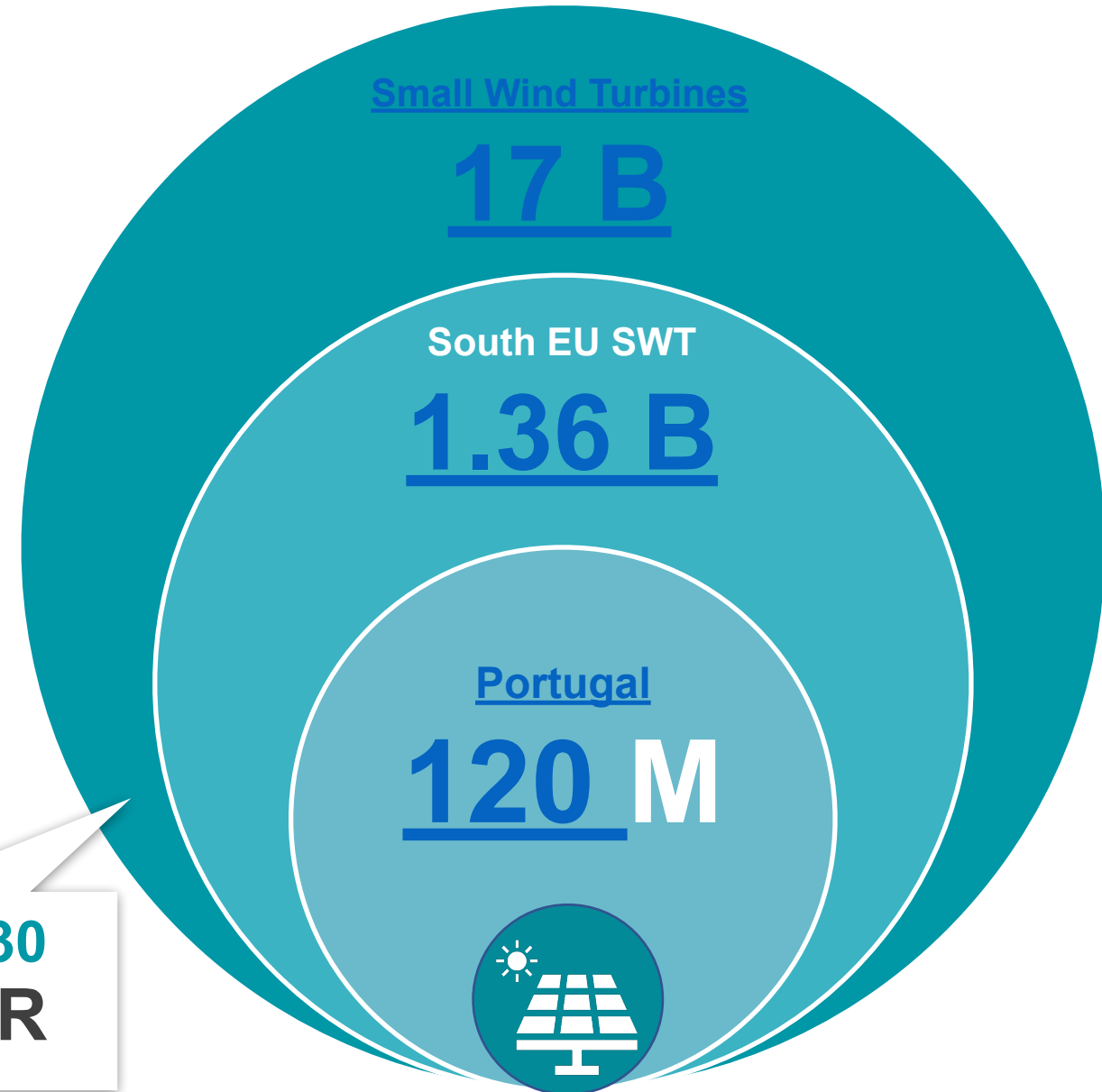
Renting **B2B**

Later

Distribution Channels **B2B2C**

Direct Sale E-commerce

- Historically accepted **renewable energy** – 70.7% (2023)
- Value chain mapped by solar installers
- Focus on R&D and Manufacturing
- First mover advantage



2030
8.8% CAGR

Competitors

Horizontal Axis




Vertical Axis - Savonius



Vertical Axis - Darius



Competitors

Details		Mowea	Flower Turbine	Nemoi S
Wind take up speed	2 m/s	4 m/s	1.2 m/s	3.5 m/s
Noise @5 m/s	30dB	35 dB	32 dB	35dB
Rated Power	1 KW 2.4m Model	1 KW 1.8m	1 KW 3 m	0,6KW 1,7m Model
Power / Year	1.9 MWh	1.5 MWh	1.5 MWh	1.7 MWh
Price	8000€ TBC	7000€	12000€	6000€

Competitors

Details		Mowea	Flower Turbine	Semtive
Products	Turbines 3 Sizes	Turbines 1 Size	Turbines 3 Sizes	Turbines 3 Sizes
Business Model	B2B B2B2B	B2C	B2B B2C	B2B B2C
Target Market	Solar Dev	Telco	Electric Mobility	Rural / Remote
Competitive Advantage	Silent & Low Vibration	Low Cost	Aesthetic Design Artistic Painting	Easy to Manufacture
Investment	320K \$	<u>500K €</u>	<u>18M €</u>	<u>9,2 M \$</u>

Our Impact

Sustainable Materials



Organic Fibers
Eco Resins

Shared infrastructure with solar



Lower levelized cost
off electricity
0,12€/kWh

Producing renewable energy avoiding over lifetime



20 Ton CO₂

LCA



7 AFFORDABLE AND
CLEAN ENERGY



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES
AND COMMUNITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



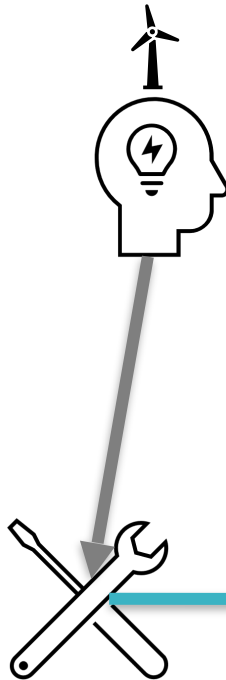
13 CLIMATE
ACTION



Roadmap

2022 Idea

Incorporation PT (NOV)
Windcredible®
WebSummit 22 Award



2023 Build

TechStars Sustainability Paris
Incorporation USA (APR)
Provisional Patent filed PT

Pilots
1 Urban

2024 Optimize

Patent filed EU
Patent filed PCT - WIPO
Generative Design
Initial Manufacturing Capacity

Pilots
10 Urban

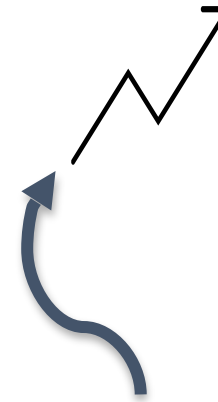
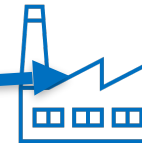
2026 – 2030 Scale

100% Manufacturing Capacity
New Geographies
Commercially Ready - FARM

2025 Industrialize

30% Manufacturing Capacity
Process Automation
Commercially Ready - Urban

Pilots
50 Urban
1 Farm



Media and Awards

- Climate LaunchPad National 2022 - Climate KIC Winner + Climate Heroes Award;
- Climate LaunchPad EU Region 2022 - Climate KIC Wildcard;
- Climate LaunchPad Global 2022 – Climate KIC Semi-finalist;
- Best BootCamp and Conference Performance Road 2 Web Summit 2022 (5.000€);
- BluAct - 3rd Prize;
- Born from knowledge INNO@RISE, Agência Nacional de Inovação Best pitch - (3.000€);
- Winners Acceleration Program, Triggers - Casa do Impacto;
- Incubation Phase, Triggers - Casa do Impacto 3rd Place (3.000€);
- Winners Prio Jumpstart 2023 - (15.000€ pilot funding);
- Winners Clean Future 2023 - General Category (5.000€) ;
- Winners Clean Future 2023 - Construction Category (5.000€) .
- Galp Colmeia – 2nd Prize (15.000€ pilot funding)
- Elétrico Pitch – Winner (5.000€)
- Startup Lisboa - Fall Batch most promising Startup

UPTEC

Filipe Fernandes: "Queremos uma turbina em cada telhado, a fasqui..."

No Out of Office deste mês estivemos à conversa com Filipe Fernandes, de 33 anos, fundador e CEO da Windcredible, um projeto que tem ido de vento em

https://uptec.up.pt/pt-pt/ooo_filipe_fernandes/



A Mensagem

António, ex-polícia, espalha energia eólica na Cova da Moura

António Pedro nasceu na Cova da Moura, foi polícia, e agora é o COO da WindCredible, uma start-up que quer fazer energia eólica acessível.

<https://amensagem.pt/2024/01/05/antonio-policia-energia-eolica-cova-d...>



YOUTUBE - People of Lisbon

Wind of Change: From the Streets to Sustainability in Lisbon

Wind of Change: From the Streets to Sustainability in Lisbon Ep 131 Starring - Antonio Pedro - <https://www.windcredible.com/> Brought to you by Moviinn -

<https://www.youtube.com/watch?v=jOxiThFCIQ>



Now is the time

Strategic Alignment
REPOWER -



PRR - PT
IRA – USA
ESG

Incentives



Tax Breaks
Vouchers
Asset Financing

Societal Shift



Climate Change Awareness
Energy Independence
Distributed Systems

Challenges



Economies of Scale
High CAPEX
Competition from Asia
Supply Chain

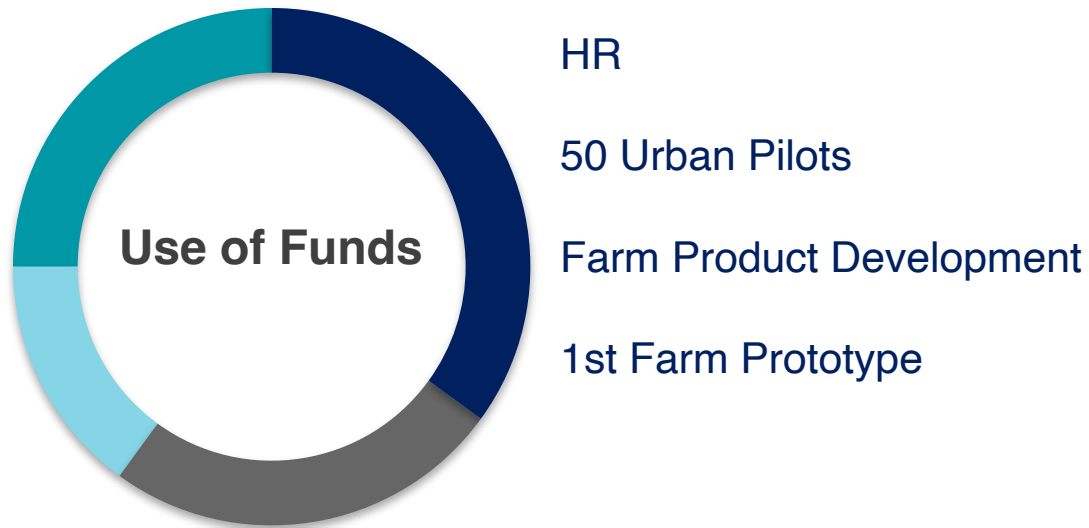
Funding Strategy

Funding to date: 300.000€

Current runway: 6 months

Raising: €2M

Convertible Note / SAFE



Non-Dillutive

EU – EIC Accelerator

EU – Horizon Europe

PT – I&DT

PT – SIFIDE + RFAI

PT – Inovação Produtiva



Our Founding Team



Filipe Fernandes

CEO



Cpt. Ret. 15 years service in GNR, HQ Facility Manager



MSc in CyberSecurity



Digital Product Management



Nelson Batista

CTO



PhD Mechatronics and Energy Engineering



Studying wind turbines for 15 years



Researcher for three Universities



António Santos

COO



Cpl. Ret. 20 years service as a corporal in GNR



Military IT & Electronics



Marvim Fernandes

Product Engineer



Ret. Teacher of Mechanical Eng

Lic Engineering



WINDCREDIBLE

Join us in our **Mission** to provide
Accessible Wind Energy



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