

Wind turbine

1,200

Pre-orders

\$80M

Expected Revenue

INVEST IN SIROCCO ENERGY

Efficient urban wind turbine. Save up to 82% on electricity costs.

LEAD INVESTOR



Peak Capital Partners Fund

Our fund invested in Sirocco Energy \$1,000,000. Sirocco's team developed a truly novel and disruptive technology that revolutionizes the wind energy generation. They fully patented their technology that allows to generate twice as much energy as classical wind turbines. We believe the future energy sources should be renewable to benefit our planet and future generations. We urge everyone to join Sirocco Energy and help our planet to get greener!

Invested \$1,000,000 this round

siroccoenergy.com

Palo Alto CA

Hardware

Climate Change

Energy

Highlights

- 1 Affordable, customizable, low noise turbine fit for urban & suburban use
 - 2 Successfully developed & patented technology after 6 years of R&D
 - 3 Twice as much energy as classical wind turbines of the same capacity
 - 4 1200+ pre-orders valued at \$80 million of potential revenue
 - 5 Over \$1 million previously raised
 - 6 \$144 billion market opportunity
 - 7 Wide applicability: commercial real estate, residential housing, EV charging stations
 - 8 Received funding & accolades from European Bank for Reconstruction and Development (EBRD)
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Our Team



Taras Vodyanyy CEO

Serial entrepreneur. 13 years of experience in management, marketing and sales. Founder of the marketing agency TAK.

We want to breathe clean air and drink clean water, we want our kids to live long and be healthy. It's impossible if we won't care about our resources, our nature. The transition to renewables will happen, it's obvious. The question is who will drive it? We want to change the urban landscape. Join us and let's make it green.



Anna Pryimak COO



Organizational psychologist with 11 years of management experience. Co-Founder of the hardware startup incubator DIY LAB.



Oleksandr Pryjmak CTO

Highly experienced engineer and inventor with the wide expertise in fields from mechanical engineering to aerodynamics.

Pitch

Novel wind generation for the urban environment


Sirocco Wind Turbine is a novel and efficient wind generator for urban energy production. With a granted patent in Europe, and over \$1 million previously raised - we are now patent-pending in the USA and have secured 1,200+ pre-orders with an estimated potential revenue of \$80 million.

Forward-looking projections are not guaranteed.





Sirocco Energy Turbines aim to make clean energy safe, affordable, and easy to use for all.



LOW NOISE

LITTLE VIBRATION

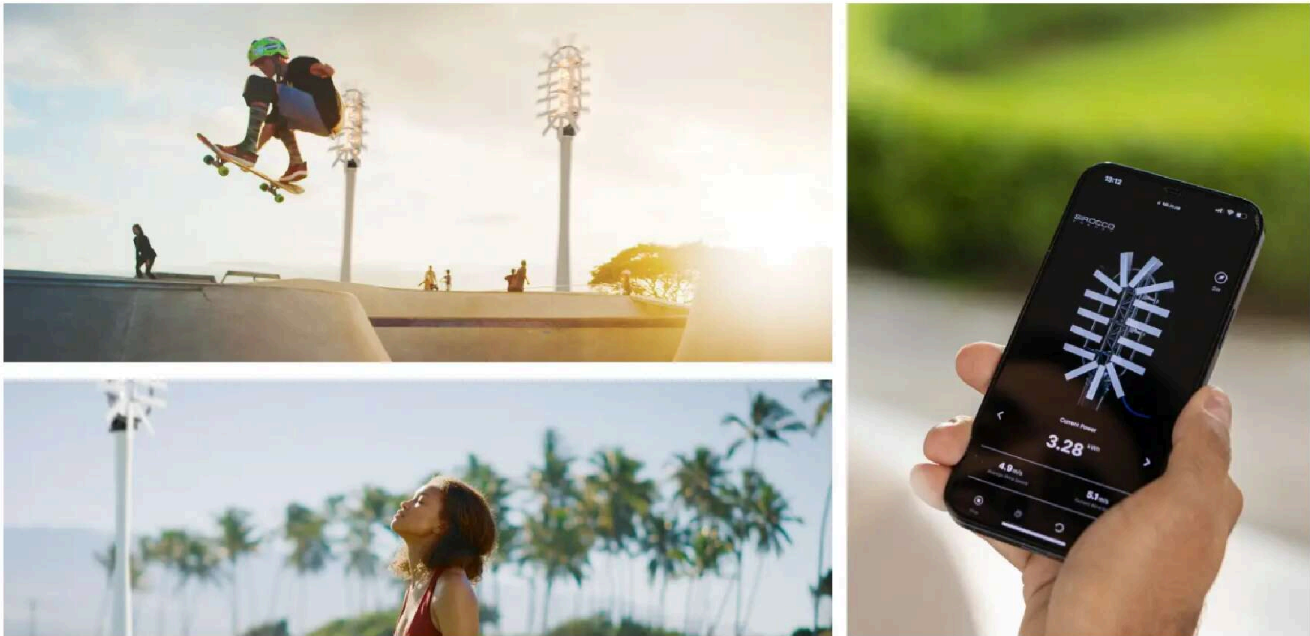
AFFORDABLE

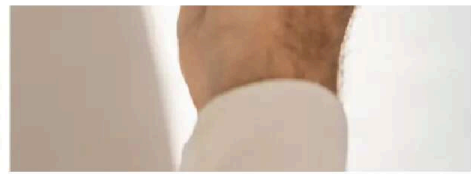
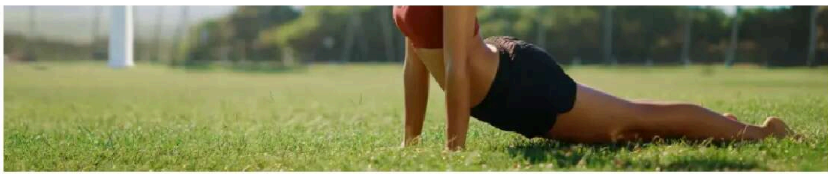
CUSTOMIZABLE

Product Summary

41dB Sound Level	50% Aerodynamic Efficiency
0.9mm/s Max Vibration	4 cents per kWh
60µm Max Displacement	safe for birds
3m/s Cut-in Wind Speed	55 m/s Cut-out Wind Speed

Designed for urban and suburban areas alike - we're offering the market a new type of wind generator. A key feature being the ability to be installed near *people*, not out in the middle of nowhere.





That means our solution is not only accessible, but it's also efficient, affordable, customizable, and quiet - solving a range of problems for:

Efficient, affordable, customizable and quiet

Solving a range of problems for

Availability of the renewable energy in cities

High-energy prices

Costs of energy transmission

Inefficient small wind turbines

The Problem & Our Solution

Cities consume 78% of the world's resources,
generating 60% of greenhouse gasses

In our view, current energy-saving solutions tend to be challenging in cities because of high noise and vibration levels.

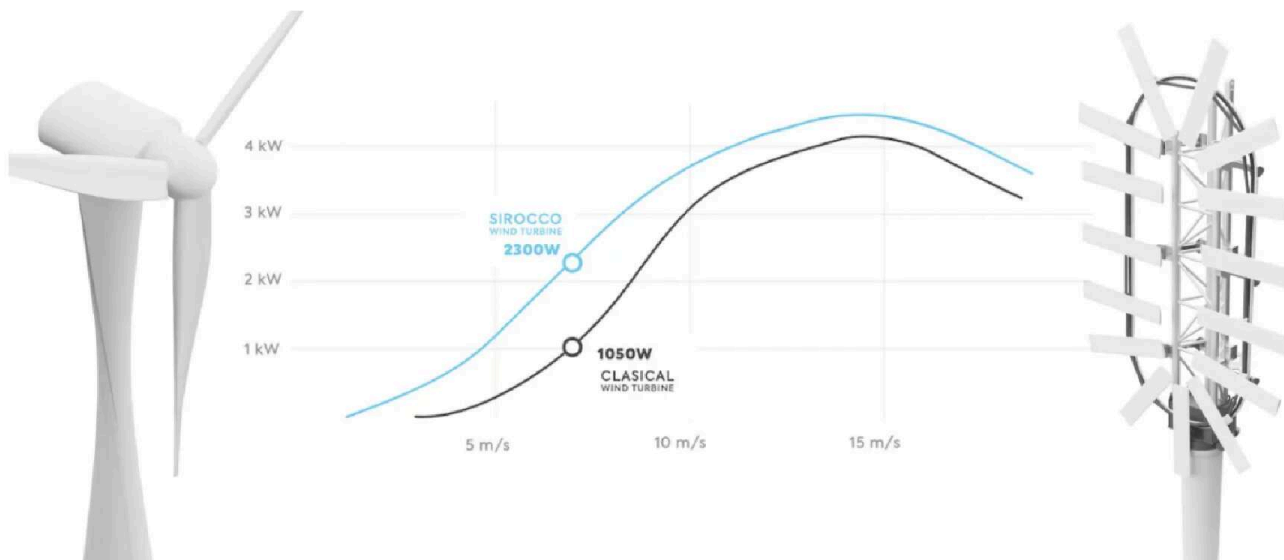
Sirocco Wind Turbine generates **twice as much energy** as a classical wind turbine of the same capacity, at a typical wind speed of urban locations, and up to **30% more energy** at nominal wind speed.



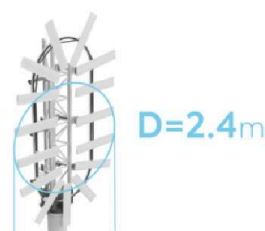
2x as much energy

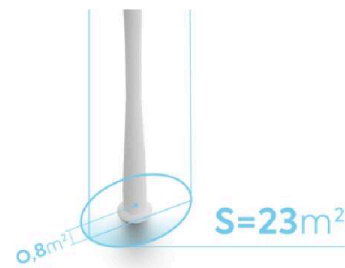
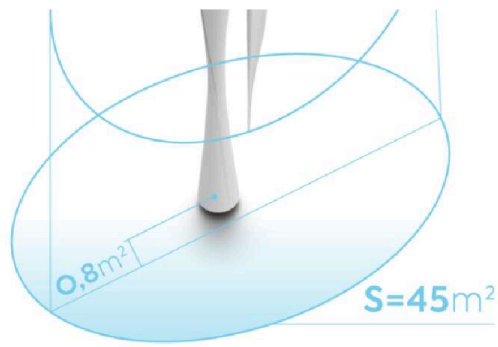


Efficiency in real conditions

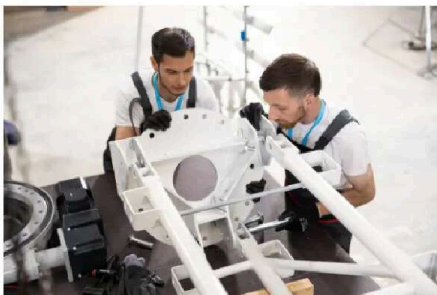
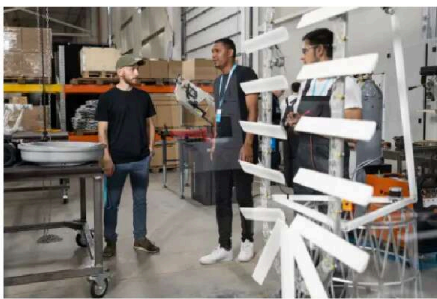


Our 10 kW model requires 3.5 times less space than traditional wind turbines of the same power capacity. The efficiency of space utilization will only grow with capacity increase and can reach up to 10 times difference. This means that we can fit 10 times more wind generators on a given piece of land compared to the traditional models.

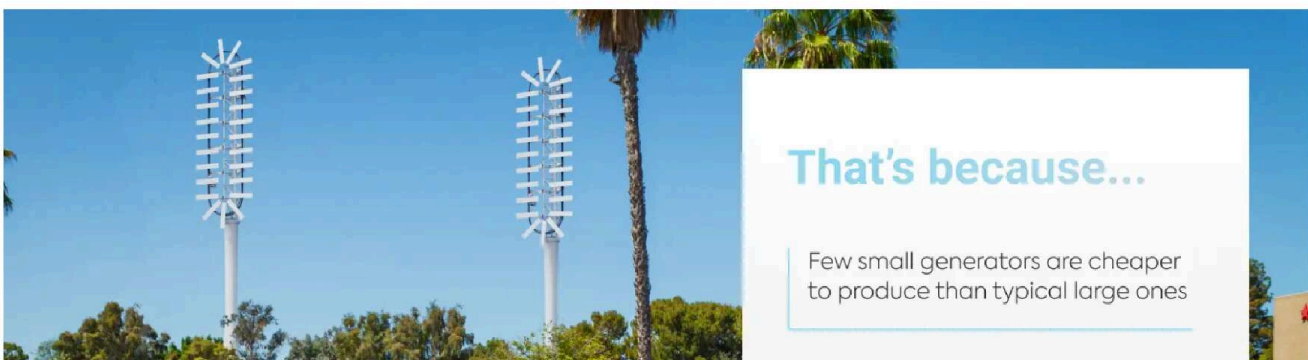




Unlike typical generators, our wind turbine has not a rotational, but linear motion - similar to how birds' wings move while flying. Sirocco Wind Turbine is equipped with a wind tracking system, which ensures maximum generation efficiency at every moment. During the storm winds, the turbine stops in a position parallel to the wind direction - making it safe for both people and the mechanism itself.



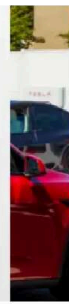
With innovative shape - Sirocco has managed to achieve a lower price per nominal power output compared to other wind generators.





Absence of reduction gear which is a very expensive component

Blades are produced by extrusion – a novel production method



Business model

Leasing & Purchasing Turbines

We mean it when we say we prioritize accessibility.

Our business model is based on turbine leasing, allowing customers to easily start using Sirocco Wind Turbines without an initial investment. This model also creates a stable revenue stream for Sirocco Energy.

COMMERCIAL

580K
Factories

620MW
average annual electricity
consumption of a factory

\$4,100
Monthly lease payment

EV CHARGING STATIONS

114K
Stations

120MW
average annual electricity
consumption of a station

\$799
Monthly lease payment

RESIDENCIAL

132M
Units

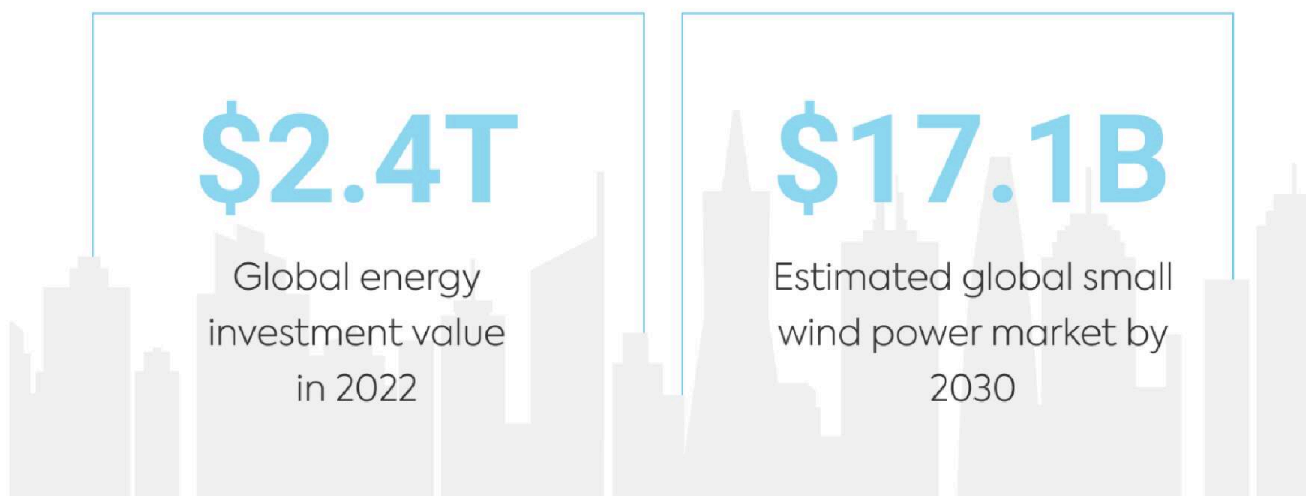
11MW
average annual electricity
consumption of a house

\$72
Monthly lease payment

The Market & Our Traction

There's a huge need for clean energy solutions

Global energy investments reached \$2.4 trillion in 2022, with the anticipated rise coming mainly in clean energy ([source](#)).



The global small wind power market was estimated at \$7.4 billion in 2020, and is expected to hit \$17.1 billion by 2030 ([source](#)). This level of growth is expected without factoring in the effect of our product entering the mass market ([source](#)).

50 Billion Yearly Market Opportunity

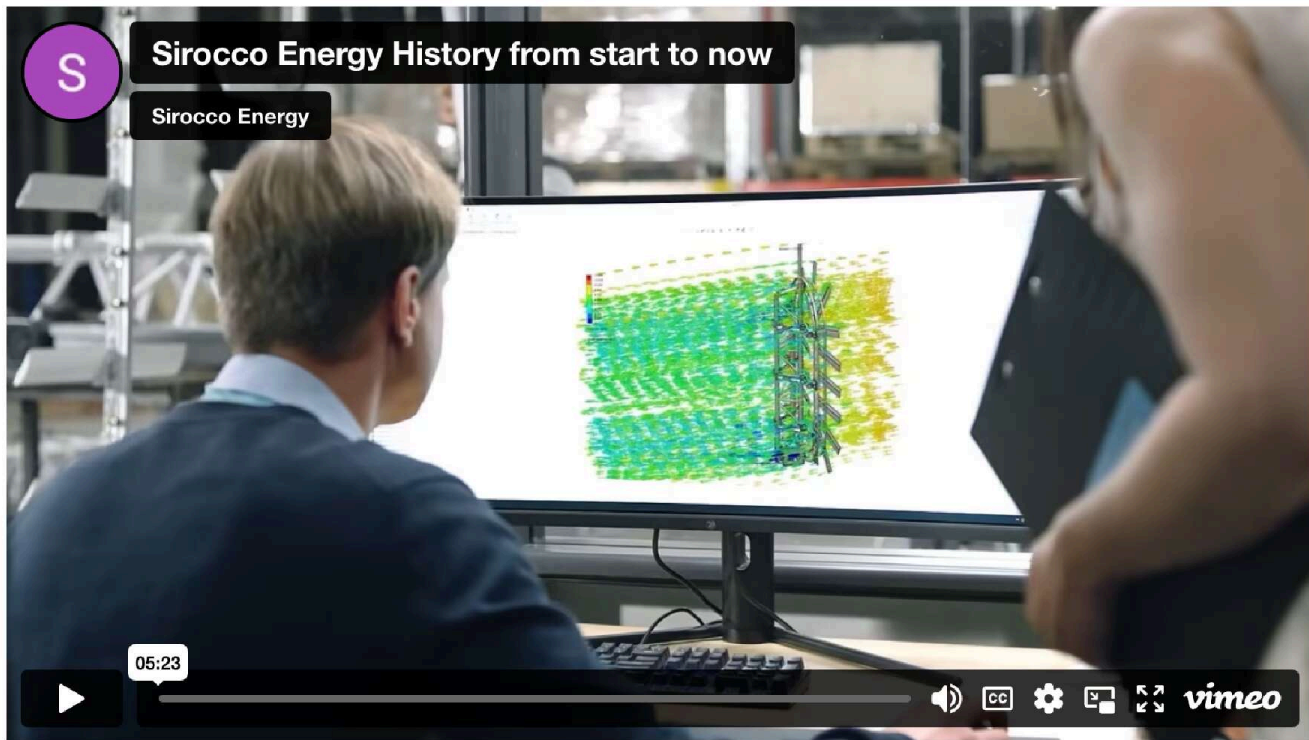
Revenue from the factories:	Factories		Monthly Lease		
	580K	x	\$4,100	x	12M = 29BLN

Revenue from the stations:	Stations		Monthly Lease		
	114K	x	\$945	x	12M = 1BLN

Revenue from the houses:	Houses		Monthly Lease		
	132M	x	\$72	x	12M = 114BLN

Forward-looking projections are not guaranteed.

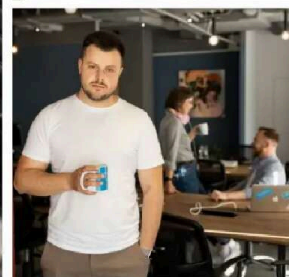
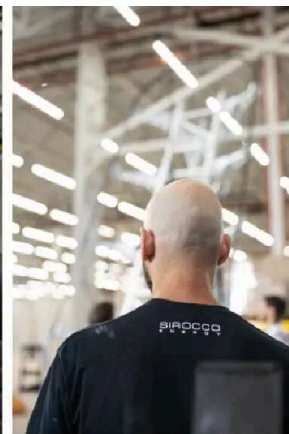
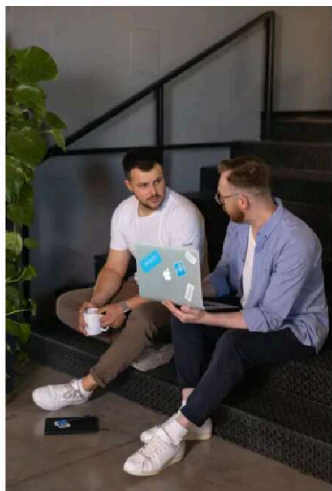
Our Team and History



We have spent more than 6 years on R&D and performed extensive testing of our patented technology. We received funding from the EBRD and successfully raised more than \$1 million from the high profile investors. We managed to achieve solid traction and received more than 1,200 pre-orders of our wind turbine (estimated \$80 million in revenue).



Our team of 12 hails from the backgrounds in marketing, engineering, aerodynamics, and hardware development - collectively making up 183 years of professional experience.



Why Invest

Renewable energy is the future

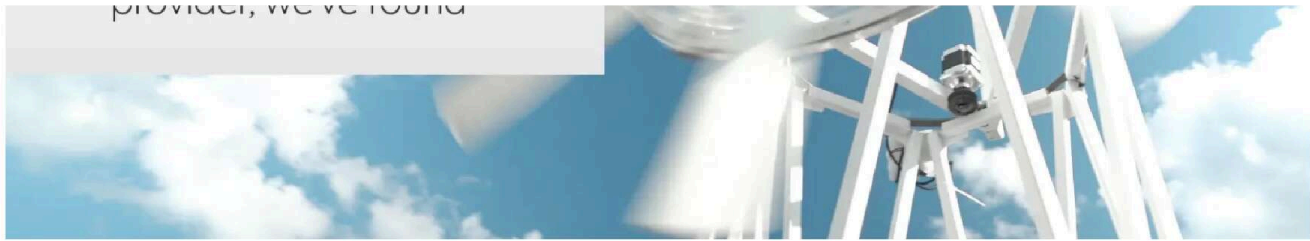
We believe the global energy crisis will only progress, and so are the investments in the clean energy.



80% more affordable

than average electricity provider we've found

provider, we've found



With this capital raise, we will focus on production expansion of our wind turbines, aiming to become an energy distributor. Our price per kW leasing model is already 80% more affordable than the average electricity provider.

When looking to the future, the renewable energy sector and urban energy production landscapes are shifting. In 2022 alone Con Edison Clean Energy Businesses was acquired by RWE Renewables Americas for \$6.8 billion, and Archaea Energy Inc was acquired by BP for \$4.1 billion ([source](#)).




Help us provide companies and households with affordable cleantech solution, and offer them energy independence

We believe we're at the beginning of a potentially huge energy crisis, where companies and households need new affordable solutions, and energy independence. Invest in Sirocco, and invest in efficient, affordable energy for the future!

Hear from other investors







Invest to the future of clean energy!