

## Sirocco Wind Turbine is a linear wind generator for urban energy production



### Highlights

- 1 Wind turbine fit for the urban areas
- 2 5 years of extensive R&D in predecessor company, Sirocco Energy LLC
- 3 \$50 billion market opportunity
- 4 Successfully developed product & patented technology
- 5 Won FINTECC (Finance and Technology Transfer Centre for Climate Change) award by EBRD

### Our Team



**Taras Vodyanny**

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



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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**

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



**Oleksandr Pryjmak**





## The Future is Renewable Energy

Global energy consumption is expected to increase by 30% through 2035. Cities currently consume 75% of the world's resources and generate 80% of greenhouse gases.



### No effective solutions for the cities

Current solutions don't work in the cities because of the high noise and vibration levels.

**200,000 MW OF ENERGY IS WASTED** while transporting to the cities, as power plants are based far from the consumption points.

## Our Advantages

	Sirocco Wind Turbines	Solar Panels	Classical Wind Turbines
Efficiency	High	Low	High
Little Vibration	✓	✗	✗
Night Time Power Generation	✓	✗	✓
Modular	✓	✗	✗
Compact	✓	✗	✗
Noise Level	Low	Low	High
Safety	High	Medium	Low
Price	Low	Low	High

## Sirocco Energy Benefits

### 1 Low Noise

Sirocco Turbines produce no infrasound and have low mechanical noise.

### 2 Little Vibration

Possible due to a large amount of the same elements of the turbine, which are simple in shape and easy to produce.

### 3 Low Price

Spring damping system and small unsynchronized generators.

### 4 High Efficiency

Linear motion enables aerodynamic efficiency up to 50%.





- EV charging stations
- Shopping centers
- Private residences
- Warehouses
- Factories
- Apartment complexes

**i** The number of electric vehicles on the US roads is projected to reach 18.7 million by 2030



Forward-looking projections cannot be guaranteed.

## The US Market is Huge

**23 GW**

New wind turbine installations in 2020

**265 GW**

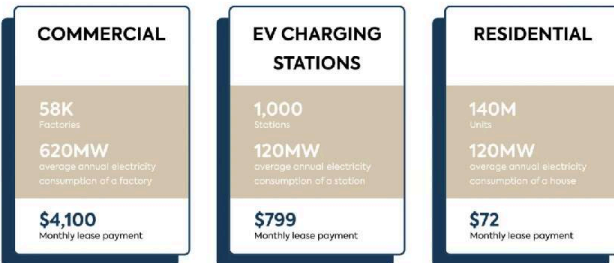
Renewable energy installations in the USA

**4 TWh**

Electricity consumption in the United States

## Business Model

LEASING OF THE TURBINES



## 50 Billion Yearly Market Opportunity

Revenue from the factories: 58K x \$4,100 = 238M = 20 B.Y.M

Revenue from the factories: **50K** Factories × **\$4,100** Monthly Lease × **12M** = **23 BLN**

Revenue from the factories: **1,000** Stations × **\$945** Monthly Lease × **12M** = **11 BLN**

Revenue from the factories: **140M** House × **\$72** Monthly Lease × **12M** = **10 BLN**

## Core Team

**10** Dedicated People

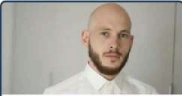
**Palo Alto** HQ

**156** Years of Combined Experience



**Taras Vodyanny**  
CEO

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



**Olexandr Pryimak**  
CTO

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



**Anna Pryimak**  
COO

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

## Industry Exits

**SIROCCO ENERGY**  
Novel wind generation adapted to the urban environment

\$12.2B		acquired	
\$21.1B		acquired	
\$17.6B		acquired	
\$14.1B		acquired	
\$21B		acquired	
\$9.1B		acquired	
\$8.3B		acquired	

## Accomplished

- 1 Built a dedicated team
- 2 Developed wind turbine technology
- 3 Conducted simulation and testing of technology
- 4 Received funding from the EBRD
- 5 Patented technology
- 6 Won the FINTECC Climate Innovation award

## Next Steps

- FUNDING WILL HELP US**
- Expand patent portfolio
  - Offer product customization
  - Increase the customer base
  - Strengthen brand awareness
  - Prepare the technology for mass production

**Reg CF Target \$1M**



