

Flower Turbines Significant New Patent Approved--Affects Investors and Customers

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LUBBOCK, TEXAS, UNITED STATES, April 2, 2024 /EINPresswire.com/ -- [Flower Turbines](#), an innovative small wind turbine company announces the approval of another patent with a huge impact on investors and potential clients.

Flower Turbines' patent on synergistic clustering of drag-type vertical axis turbines (the "bouquet effect") was just approved in the EU. This is one of its most significant innovations and opens up significant possibilities in a group of countries anxious to make an energy transition. The patent was already granted in the significant markets of the US and China.

One of the disruptive innovations in the Flower Turbines business plan is to change the market for small wind turbines from one at a time sales to large project sales. As an example, 4 turbines correctly arranged perform as well as 8 turbines separately. This has a tremendous potential effect on the cost of wind energy in urban and suburban commercial and residential projects, or anywhere else where space is limited.

The turbines are also beautiful, quiet, and bird friendly. They start at lower speeds than other turbines and endure higher speeds. Their 30 patents are loaded with aerodynamic, engineering, and electronic advances.

Flower Turbines is a popular investment, having already received almost \$16 million of



The graphic features a red Flower Turbine on the left, a map of Europe with a pin in France and the EU flag, and a green 'APPROVED' seal. Text includes: 'Important Flower Turbines Patent APPROVED', 'Following approval in the US and China, Flower Turbines patent on synergistic clustering of drag-type vertical axis turbines has now been approved in the EU.', and 'www.flowerturbines.com/patents'.

Flower Turbines Bouquet Patent Approved in EU

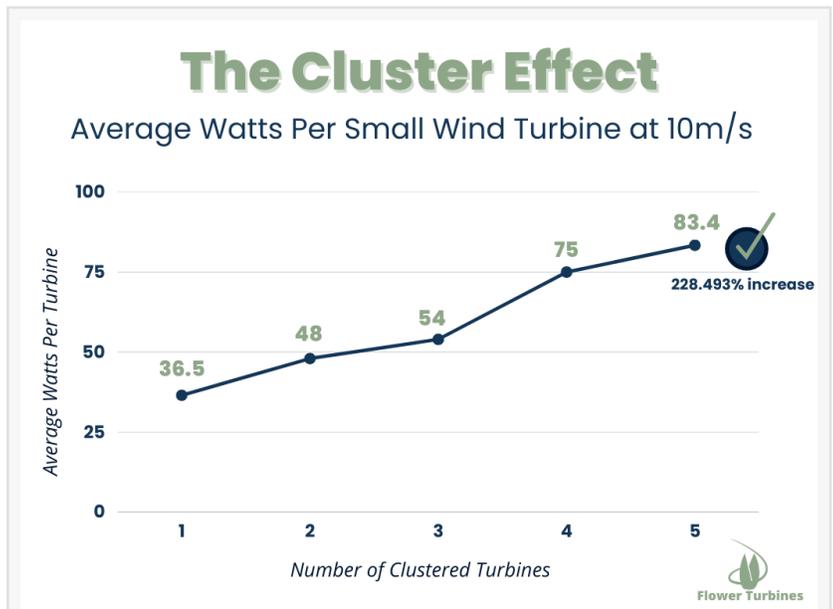
investment in common stock through [equity crowdfunding](#) and angel investments. This is its fifth round. Flower Turbines just concluded a \$4.5 million RegA+ raise, its fourth. Two previous RegCF raises were sold out. Investors who want to be a part of it can join the time-limited RegCF equity crowdfunding at <https://www.startengine.com/offering/flowerturbines>. Larger angel and institutional investors should contact support.us@flowerturbines.com

Customers can tell them about their proposed project in Europe at support.eu@flowerturbines.com and for the rest of the world at support.us@flowerturbines.com. They also have some regional distributors and will make the connection after screening.

The significance is like the difference between being able to put only one solar panel per roof versus many. And Flower Turbines does one better: our turbines make their neighbors perform better. This is an important scientific and business-model innovation.

Flower Turbines is a US company with an important branch in the EU that has the goal of making small wind as powerful a force in renewable energy as solar by using its multiple patents to create a wind turbine that meets all the needs of urban and suburban environments. It combines aerodynamic innovations with beautiful design, low noise, and bird friendliness. Unlike other turbines, they make each other perform better when tightly packed together.

[Technology](#) being developed by Flower Turbines enables a new model in the small wind industry. Focused on creating beautiful, affordable, and efficient turbines for the urban/suburban market and tight spaces, it seeks to pave the way for the future of distributed energy, particularly with solar. Its "Cluster Effect" (whereby their turbines perform better when tightly packed together as



This shows how each turbine produces more energy as another turbine is clustered. 5 Flower Turbines together produce 228% more power than 5 separate turbines.



Bouquet of Wind Tulip Turbines

opposed to the most common turbines which perform worse when tightly packed) could give them a key advantage to scaling farms of small wind turbines and harnessing the electricity they produce.

“We have the ambition to become a major global force in distributed energy,” said CEO Dr. Daniel Farb. “We believe we have the technology and enthusiasm to accomplish it. We are in the right industry at the right time. Incentives for an energy transition in most important areas of the world only add to our scaling up headwinds.”

Flower Turbines has external validation as a top company:

-Flower Turbines has been awarded the “Solar Impulse Efficient Solution” Label, a proof of high standards in profitability and sustainability to protect the environment. Here is a link to the page about Wind Tulips on the Solar Impulse website:

<https://solarimpulse.com/efficient-solutions/wind-tulips#>

- Flower Turbines was a winner of Pepperdine Graziado Business Schools annual Most Fundable Companies in America list. Flower Turbines was judged to be in the top 10 among 4500 startup companies examined.

- Winner of the Dutch government sustainability award for two separate years.

- A winner of the 2023 Yes San Francisco clean technology competition for top technologies to implement in San Francisco

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Flower Turbines at Rotterdam Roof Days



Wind and Solar E-bike Charging Poles

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