

# Client Profile



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## Talos Industry Corporation

Talos Industry Corporation stands at the forefront of the next generation in wind energy technology, leading the market with its innovative Vertical Axis Wind Turbines (VAWTs). Talos is a global leader known for its commitment to efficiency, cost-effectiveness, and sustainability.

Recently relocating its headquarters to Wichita, Kansas, Talos is poised to redefine the renewable energy landscape with a clear focus on innovation and market expansion. This client profile provides an in-depth look at Talos' background, technological advancements, strategic direction, and future growth plans, highlighting its role in transforming the wind energy sector.



# Background and Mission



Talos Industry Corporation began its journey in China in 2005 with a focus on developing cutting-edge wind turbine technologies. By 2018, the company had installed over 3,000 VAWTs in more than 60 countries, including key markets in North America, Europe, Australia, and Asia. Recognizing the growing potential for wind energy in North America, Talos shifted its base of operations to the United States, with plans to establish a new assembly facility in Wichita, Kansas.

Talos' mission is to make wind power an accessible and affordable clean energy resource for everyone. The company prides itself on its reputation as the world's most reputable VAWT manufacturer, strongly emphasizing research and development. The company's products are renowned for their efficiency, reliability, and innovative patented features that set them apart in the renewable energy market.

# Product Range and Market Approach



## From Small-Scale to Utility-Grade Wind Power Solutions

Talos offers a wide range of VAWTs, catering to different market segments, from small-scale distributed wind farms to large-scale commercial installations. The company's product portfolio includes turbines of varying capacities, from 300 watts to 500 kilowatts, with plans to introduce a 7-megawatt "Super Turbine" in the near future. These turbines are designed to meet diverse energy needs, from residential and small business applications to utility-scale power generation.



## Talos Plans Local Manufacturing to Boost Supply Chain Resilience

Talos operates a streamlined business model that involves sourcing components from global suppliers, assembling the turbines, and distributing them through a well-established network of distributors. In its next growth phase, the company plans to manufacture key components, such as controllers, locally in the United States, further reducing costs and increasing supply chain resilience.



## **Talos Innovates in Renewable Energy**

Looking ahead, Talos is focused on driving innovation in renewable energy through several groundbreaking initiatives. Beginning in 2025, the company plans to explore new renewable energy solutions, such as wind-to-compressed air energy storage (CAES) and wind-to-hydrogen production. These initiatives aim to expand the use of wind energy in new and innovative ways, positioning Talos as a leader in the transition to a low-carbon future.

## **Enhancing Turbine Efficiency and Safety**

Talos is also developing advanced sensor and AI technologies to enhance the efficiency and safety of its turbines, ensuring optimal performance under various operating conditions. The introduction of new blade manufacturing methods and materials will further reduce production costs and improve the scalability of its operations.



# Conclusion

## *Innovating Renewable Energy*

*Talos Industry Corporation is uniquely positioned to lead the next wave of innovation in the renewable energy sector. With a proven track record of technological excellence, a strong commitment to research and development, and a strategic focus on expansion in the U.S. market, Talos offers a compelling value proposition to investors and stakeholders.*

*The company's innovative VAWT technology, combined with its plans for future growth in new energy solutions, underscores its role as a key player in the global effort to transition to sustainable and affordable energy. As Talos continues to push the boundaries of what is possible in wind energy, it remains dedicated to its mission of making clean energy accessible to everyone.*



## About Vedeni Energy

Vedeni Energy provides specialized services to help businesses in the energy sector succeed through strategic insights and expert solutions. Their Vedeni.Spark+ service supports startups and established companies in securing capital funding through tailored strategies and a strong network of investors. From consultation to final funding, Vedeni ensures a smooth process and long-term growth for its clients.



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