



Kanoa Winds Company Summary

August 05 — 2024

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For decades, Hawaii's businesses have been tethered to an outdated energy model: ever-rising costs, fossil fuel dependence, and a lack of true energy ownership.

Hawaii's ambitious goal of 100% renewable energy by 2045 isn't just an environmental target; it's a \$7 billion market opportunity and Kanoa Winds is positioned at the forefront of this transition.

Imagine powering Hawaii with the same winds that once guided Polynesian voyagers across the Pacific. Not just a dream, but a reality – today.

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Kanoa Winds is at the cutting edge of a dynamic shift towards sustainable energy in Hawaii. Our advanced wind turbine technology offers a unique solution to the high energy costs and fossil fuel dependence faced by local businesses.

As Hawaii advances towards its 2045 renewable energy goal, the market potential for our innovative turbines is immense. By investing in Kanoa Winds, you can play a pivotal role in this green transition, enjoying significant returns and contributing to a cleaner, more resilient energy future for the islands.

100%
Clean Energy by 2045
Hawaii's Renewable Energy Goal

\$143M
Monthly Commercial Electricity
Spending on Oahu

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Our cutting-edge vertical axis wind turbines (VCCT) offer an efficient, reliable, and environmentally friendly solution to high electricity costs and fossil fuel dependence.

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Key Features of Our Wind Turbines:

Advanced Technology: Our patented vertical coaxial contra-rotating twin blade turbines are designed for high efficiency and power generation, even at low wind speeds.

Durability and Reliability: Tested and proven in Japan for over a decade, our turbines withstand extreme weather conditions and require minimal maintenance.

Environmentally Friendly: Operating quietly at ≤ 40 dB, our turbines are wildlife-friendly, avoiding the bird and bat fatalities common with traditional wind turbines.

Compact and Efficient: Each turbine takes up the space of just 4 solar panels but can generate the equivalent energy of 28 panels at an average wind speed of 20 mph.

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How it works:

1

Installation in Energy Parks: Our turbines are primarily located in strategically placed energy parks on Oahu, Maui, and Molokai, ensuring optimal performance and economic benefits for businesses.

2

Comprehensive Service: Kanoa Winds handles everything from installation and monitoring to power grid integration, providing a seamless experience for our customers.

3

Significant Cost Savings: Businesses can significantly reduce their electricity costs, achieve a payback period as low as 6 years, and benefit from state and federal green tax credits.



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Kanoa Winds stands out in the renewable energy market with our state-of-the-art vertical axis wind turbine technology. Our innovative approach and proven results provide us with a distinct edge over competitors.

Superior Technology: Our VCCT turbines are highly efficient, generating more power at lower wind speeds compared to traditional horizontal axis turbines. Designed to operate continuously without shutting down in high wind conditions, they ensure consistent energy production.

Environmental Impact: Quiet operation at ≤ 40 dB makes our turbines suitable for both urban and rural areas without causing noise pollution. Additionally, our wildlife-friendly design reduces the risk of harm to birds and bats, addressing a significant environmental concern associated with traditional turbines.

Proven Performance: With over a decade of successful deployment in Japan across various applications and environments, our turbines demonstrate reliability and effectiveness. They offer a long lifespan of 20+ years with minimal maintenance, providing a durable and sustainable energy solution.

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Space Efficiency: Our turbines require less space than solar panels, making them ideal for businesses with limited installation areas. At average wind speeds, one turbine can generate the energy equivalent of multiple solar panels, optimizing energy output per square foot.

Economic Benefits: Businesses can significantly reduce their electricity costs with our turbines, achieving a payback period as low as 6 years. Additionally, our solution is eligible for state and federal green tax credits, enhancing its financial appeal.

Comprehensive Service: We provide a full-service model that includes installation, monitoring, and integration with the power grid, offering a hassle-free experience for our customers. Our strategic energy parks on Oahu, Maui, and Molokai ensure optimal turbine performance and economic benefits.

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Our unique value proposition:

Market Readiness: Our turbines have a decade-long track record in Japan, proving their reliability and efficiency.

Scalable Business Model: We're targeting 30,000+ commercial accounts on Oahu alone, each spending an average of \$4,700 monthly on electricity.

Intellectual Property: Exclusive perpetual license for two vital VCCT patents in the USA and its territories.

Expansion Potential: Our technology is applicable to markets worldwide facing similar energy challenges.

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Goals	Progress	Highlights
Secure exclusive rights to key wind turbine technology patents for the US market.	<div><div>✓</div>Achieved</div>	Finalized exclusive perpetual license agreement for two VCCT patents covering USA and territories, strengthening market position.
Establish initial presence in Hawaii with demonstration units of our wind turbine technology.	<div><div>✓</div>Achieved</div>	Successfully imported and installed 0.3 kW Gen1 and 0.5 kW Gen2 VCCT units on Oahu, showcasing technology viability.
Obtain ANSI/ACP certification for the 2 kW Gen2 VCCT turbine to ensure US market compliance.	<div><div>...</div>Ongoing</div>	Certification process initiated, crucial for wider adoption in Hawaii and future mainland expansion. Expected completion in 6-10 months.
Develop and launch the first Kanoa Winds energy park on Oahu to demonstrate commercial viability.	<div><div>...</div>Ongoing</div>	Site selection underway, permitting process initiated. Energy park will serve as a proof of concept for potential customers and investors.

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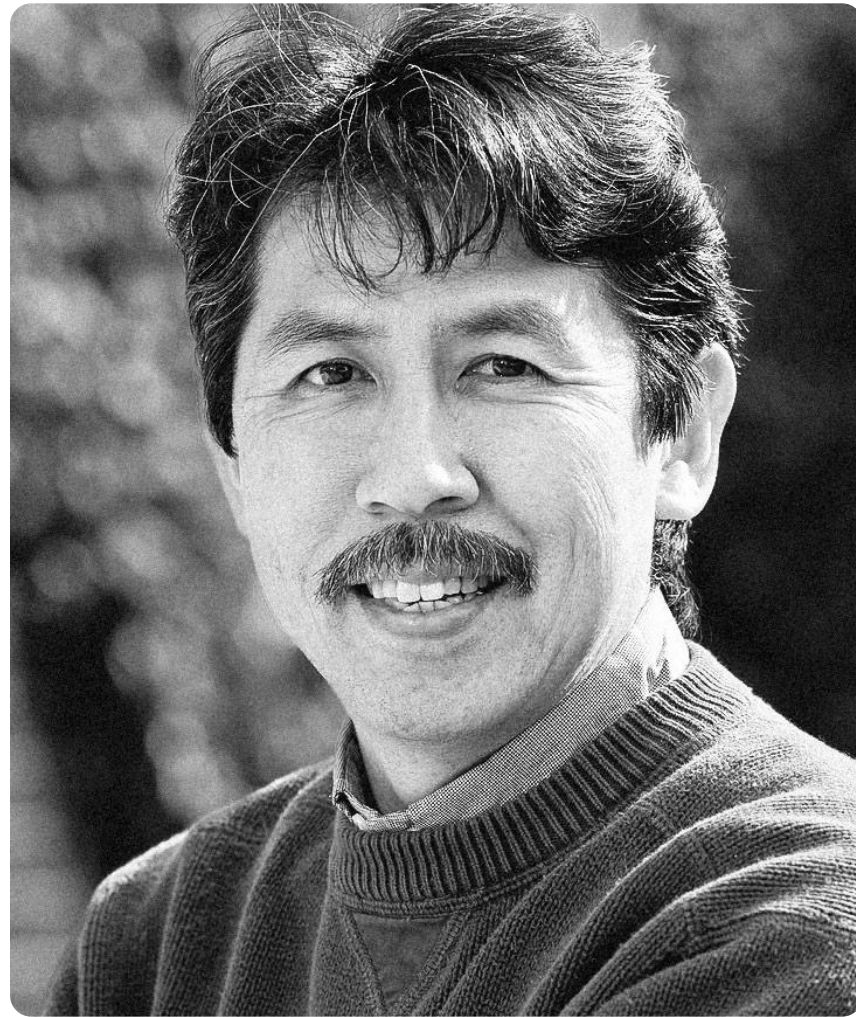
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Dr. Kaname Takeya - Founder & CEO

Dr. Kaname Takeya, with a Ph.D. from Tohoku National University, has over 35 years of expertise in advanced materials. At Sumitomo Metal Mining, he developed groundbreaking technologies for MRI magnets and batteries used by Panasonic, Toyota, and Tesla. He has a proven track record in establishing research centers and leading innovative teams. As the visionary founder and CEO of Kanoa Winds, Dr. Takeya’s extensive experience drives the company’s success in small wind power generation.



Christopher Craney - COO

Christopher Craney, a University of Hawaii graduate in Geology and Geophysics, brings extensive international experience and a strong background in renewable energy. He has held key management positions in Japan and serves on the Board of Directors for various bioscience and IoT/ AI medical device companies. As COO of Kanoa Winds, Chris leverages his robust business network in Hawaii and his commitment to sustainable energy solutions to ensure the successful market entry of VCCT turbines on Oahu, Maui, and Molokai.

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Company Data Room

Access our Data Room to review vetted current financials, full corporate governance documents, and validated accounting records. Our organized resources facilitate due diligence, providing investors with the critical information needed for informed decision-making.

[View Data Room](#)

Invest in Kanoa Winds

Join us and seize the opportunity to be part of a promising venture. Reach out to DealBox today to invest in Kanoa Winds.

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