

## ROTH TURBINES

WindSurf™ Active-Pitch VAWT Technology

## AMBER FUSION

Energy Technology & Project Development

# Roth Turbines and Amber Fusion Announce Strategic Partnership to Accelerate Clean Wind Energy Deployment

*Partnership brings together patented vertical axis wind turbine technology and specialist energy project development capability to unlock new markets for distributed renewable generation*

**EDINBURGH & [CITY], 26 MARCH 2026** — Roth Turbines Limited, developer of the patented WindSurf™ active-pitch Vertical Axis Wind Turbine (VAWT), and Amber Fusion Limited, a specialist energy technology and project development company, today announced a strategic partnership to jointly develop and deploy clean wind energy solutions across key infrastructure markets.

The collaboration combines Roth Turbines' proprietary WindSurf™ technology — a next-generation VAWT capable of generating power in turbulent, constrained environments where conventional turbines cannot operate — with Amber Fusion's expertise in energy project structuring and deployment. Together, the companies intend to pursue opportunities across infrastructure sectors where reliable, off-grid renewable power generation represents a compelling and largely unaddressed market need.

The WindSurf™ platform, which uses an active-pitch control system to continuously optimise blade angle in real time, has demonstrated the ability to outperform conventional turbines significantly in real-world conditions, including surviving gusts in excess of 100 mph during Storm Éowyn in January 2025. Its compact, modular design makes it uniquely suited to co-location with existing infrastructure — a key requirement in the target markets identified by both parties.

*This partnership marks a significant step forward in our commercial strategy. Amber Fusion brings exactly the kind of project development expertise and market reach that will allow us to move quickly from technology validation to real-world deployments at scale. We believe the combination of our respective capabilities creates a genuinely differentiated proposition for the markets we are targeting.*

**David Morgan, Chief Executive Officer, Roth Turbines Limited**

Under the terms of the partnership, both companies will work together to evaluate and pursue deployment opportunities, combining Roth Turbines' manufacturing, supply chain, and technical capabilities with Amber Fusion's project development and commercial structuring expertise. The collaboration is structured to allow flexibility on a project-by-project basis, enabling each opportunity to be tailored to the requirements of the end customer.

*We have been looking for a wind technology partner whose product genuinely solves the problems that have prevented wind from penetrating the infrastructure market at scale. The WindSurf™ platform is technically compelling — and the Roth Turbines team has the engineering credibility and real-world test data to back it up. We are excited to bring this technology to the customers and markets where we see the greatest need*

**Jakob Kinde, Founder & Chairman, Amber Fusion Limited**

The announcement follows the signing of a Memorandum of Understanding between the two companies and comes as Roth Turbines prepares to commence production of its first customer trial units, with initial deployments targeted for the second half of 2026. Roth Turbines is currently raising £1 million in EIS-approved funding to support this production phase.

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#### **About Roth Turbines Limited**

Roth Turbines Limited is a UK-based technology company and developer of the WindSurf™ active-pitch Vertical Axis Wind Turbine. The company holds exclusive rights to patented VAWT technology capable of operating in turbulent and constrained environments, targeting the remote telecoms, rail, public sector, and international infrastructure markets. Roth Turbines is headquartered in Edinburgh. Company No. 13815798.

#### **About Amber Fusion Limited**

Amber Fusion Limited is an energy technology and project development company focused on accelerating the deployment of clean energy solutions across infrastructure markets. Led by Founder and Chairman Jakob Kinde, Amber Fusion brings specialist expertise in project structuring, commercial development, and market deployment to its partnership with Roth Turbines.

#### **Media & Investor Contacts**

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**Note to editors:** High-resolution imagery, technical specifications, and additional background information are available on request. Quotes attributed to Jakob Kinde are proposed for approval by Amber Fusion prior to publication.