



CORWIN HARDHAM

Corwin Hardham, Ph.D, CEO and CTO of Makani Power is a mechanical engineer with a focus in controls as applied to renewable energy systems. He holds several patents within these areas.

Corwin completed his doctorate at Stanford University developing active hydraulic platforms to improve gravitational-wave detection. His appreciation for design stems from a history of evolving equipment for competition in windsurfing and kiteboarding. Corwin has co-founded several companies, including Squid-labs, Potenco, Wakekite and Makani.

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ADVANCES IN CROSSWIND POWER GENERATION

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Recent years have seen significant advances in crosswind power generation. Several teams have demonstrated autonomous flight and power generation. With these accomplishments, the Airborne Wind Turbine is transitioning into the early stages of commercialization. Teams will now focus on scaling up the technology and addressing reliability. Additionally, there are regulatory and market risks that must be addressed with careful analysis ahead of technical demonstrations.

As a global community, the airborne wind energy industry must develop the sophistication and rigor seen in the broader energy industry to develop products that can be deployed at large scale.

