motioneering

PRESS RELEASE

Canadian Engineering Wins International Innovation Award at London VU Summit

Ontario-based Motioneering recognized by the Council on Vertical Urbanism for innovative technology that helps control wind-induced motion in tall buildings

GUELPH, Ontario, November 20, 2026 – Motioneering, a Canadian engineering company specializing in structural motion control, has been named the 2026 Award of Excellence Category Winner for Innovation by the Council on Vertical Urbanism (CVU) for its Opposed Pendulum Tuned Mass Damper. The international award was presented at the 2026 VU Summit in London, UK last month.

The VU Summit describes itself as a global gathering of leaders advancing the future of cities through tall buildings and vertical urbanism, and its awards program includes Innovation, Best Tall Building, Structure, Construction and other categories.

Developed by Motioneering, the award-winning damping system addresses one of the challenges associated with today's increasingly tall and slender buildings: controlling wind-induced motion while working within the limited mechanical space available at the top of a skyscraper.

"We're incredibly proud to have a technology developed by our Canadian team recognized on an international stage," said Jamieson Robinson, Vice President of Operations at Motioneering. "Tall buildings are becoming lighter, taller and more slender, which makes controlling motion increasingly important. Our goal has always been to develop practical engineering solutions, allowing architects and engineers to pursue ambitious designs while maintaining occupant comfort."

A tuned mass damper acts much like a counterweight inside a building, moving in response to wind-induced motion to reduce the movement felt by occupants. Motioneering's Opposed Pendulum system was developed to provide extremely low-frequency tuning with a friction coefficient low enough to allow it to respond to the even the smallest building movements associated with frequently occurring wind events.

As part of the Guelph, Ontario based climate and performance group RWDI, the engineering expertise behind Motioneering has already made its mark globally, including the design and implementation of the famed tuned mass damper inside Taipei 101, one of the world's most recognizable feats of structural motion control.

"For a Canadian engineering company to receive this recognition among projects and innovations from around the world is particularly meaningful for our team."

While developed in Canada, the technology has found applications internationally. Motioneering's Opposed Pendulum systems have been installed in more than twenty tall buildings worldwide, including One Vanderbilt Avenue and Central Park Tower in New York, One Barangaroo in Australia, and Rogers M3 and Pinnacle's SkyTower in Toronto

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About
Motioneering is a Canadian engineering company specializing in structural motion control and monitoring for tall buildings, bridges and other dynamically sensitive structures. Its advanced damping technologies improve structural performance and occupant comfort and have been implemented on landmark projects around the world.

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