

TIMEZYX Marks Significant Milestones in the Global Deep-Tech Landscape

Vancouver, May 27, 2025 — [TIMEZYX](#), a deep-technology company redefining the way infrastructure is protected, is proud to highlight its ongoing growth and success across the Canadian market and globally. Since its establishment in 2021, TIMEZYX has emerged as a vital partner for both individuals and organizations seeking to understand how infrastructure will perform over time under real-world conditions, combining data, simulation, and engineering insight.

Leveraging cutting-edge Structural Digital Twin technology, TIMEZYX protects critical infrastructure from climate risks, extends its lifespan, and empowers smarter, faster decision-making for a safer and more sustainable future. Headquartered in Canada and Sweden, TIMEZYX collaborates with leading research institutions, including Stanford University, Concordia University, and Luleå University of Technology. These partnerships have established TIMEZYX as a trusted leader in real-time infrastructure health monitoring and risk assessment.

"At TIMEZYX, our mission is to empower individuals and organizations to make smarter decisions and extend the lifespan of infrastructure," said Dr. Adele Khavari, Co-Founder, COO, and CFO of TIMEZYX. "We are incredibly proud of the milestones TIMEZYX has achieved in such a short span. From pioneering advancements in Structural Digital Twin technology to forging impactful collaborations globally, we remain dedicated to shaping a safe, sustainable and more resilient future through smarter decisions."

"Our success is a testament to the ingenuity of our team and the trust of our partners," said Dr. Kamyab Zandi, Founding Director & CEO. "By combining cutting-edge innovation with real-world applications, we are driving meaningful change in how infrastructure is monitored, managed, and safeguarded for the challenges of today and tomorrow."

From Earth to Beyond: Collaboration with European Space Agency

The European Space Agency (ESA) has awarded TIMEZYX a major contract to support climate resilience across critical infrastructure. The project, which is co-funded by the European Space Agency under ARTES 4.0 Business Applications – Space Solutions, focuses on using satellite-based monitoring and 5G connectivity to protect transportation infrastructure from the rising threat of extreme climate events. As part of this initiative, TIMEZYX will deploy its cutting-edge structural intelligence platform on a real-world bridge in Sweden to demonstrate how physics-based, data-driven structural digital twins can deliver real-time insight for asset managers—before, during, and after extreme events like floods or hurricanes. This ESA collaboration highlights TIMEZYX's commitment to helping infrastructure owners respond faster, extend asset lifespans, and reduce risk before it becomes a crisis.

Momentum in Canada

TIMEZYX's remarkable achievements include winning the prestigious [2024 New Ventures BC Competition](#), presented by Innovate BC. Alongside receiving the \$110,000 Innovate BC First Place Prize, the Vancouver-based company earned the distinction of being recognized as British Columbia's top startup.

Showcasing Breakthrough Structural Health Monitoring Technology

TIMEZYX recently highlighted its groundbreaking advancements in structural health monitoring technology at the [Stanford Engineering 100th Anniversary Showcase](#). Attendees had the opportunity to experience TIMEZYX's visionary projects firsthand, including CityTwin and SpaceTwin, two flagship initiatives that integrate state-of-the-art digital twin technology for urban and aerospace applications. This showcase marks a milestone in TIMEZYX's seven-year collaboration with Stanford University. Together, they have achieved groundbreaking research and developed real-world applications that are redefining the way we monitor and maintain infrastructure.

Spotlight at Web Summit Vancouver

TIMEZYX is poised to achieve another major milestone as it takes centre stage at Web Summit Vancouver in May 2025. On May 29, Dr. Kamyab Zandi will deliver a keynote speech on the Creative Stage. Attendees will discover how TIMEZYX combines advanced modelling with real-world data to forecast structural risks linked to extreme climate events, environmental shifts, and aging systems — unlocking new possibilities to help individuals and organizations navigate the uncertainties of tomorrow. This premier event will provide a platform for TIMEZYX to showcase its groundbreaking solutions to a global audience of industry leaders, investors, and policymakers. The company's participation underscores its growing impact and leadership within the global technology ecosystem. Additionally, TIMEZYX has been recognized as one of the [Impact Startups](#)—a distinction awarded to emerging companies within the Web Summit network that are driving progress towards achieving the UN Sustainable Development Goals.

For more information about TIMEZYX, please visit www.timezyx.com.

About TIMEZYX

TIMEZYX is a deep technology company pioneering the way infrastructure is monitored, understood and protected. Founded in 2021, TIMEZYX was recognized as British Columbia's top startup after winning the prestigious 2024 New Ventures BC Competition. Leveraging cutting-edge Structural Digital Twin technology, TIMEZYX combines advanced modelling with real-world data to forecast potential structural risks associated with extreme climate events, shifting environmental conditions and aging of infrastructure. With a mission to empower individuals and organizations to make smarter decisions and extend the lifespan of infrastructure, the company is helping to build a safer and more resilient built environment in the future.

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