Exploring Canadian Innovation at NGen N3 Summit

This past month the world of Canadian advanced manufacturing was put on the mainstage at the Toronto Congress Centre. The first of its kind, N3 brought together expert panelist from a variety of different industries to share leading innovations and shed light on critical challenges facing the Canadian manufacturing industry.This year's event was also home to NGen project alumni and ecosystem clusters on the exhibition floor, who have been propelling innovation across all sectors.

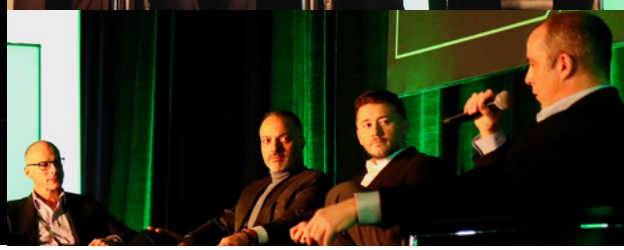
During its inaugural N3 Summit, NGen announced the funding will be combined with $54.4 million in industry contributions for a total of $86.7 million spread between 15 projects

Thought Provoking Panels

"What's new, now, next is kind of hard to tell, where are we going, sometimes it's best to look back at the innovation Canada has pushed forward to see where we're going next"

- Jayson Myers, CEO of NGen

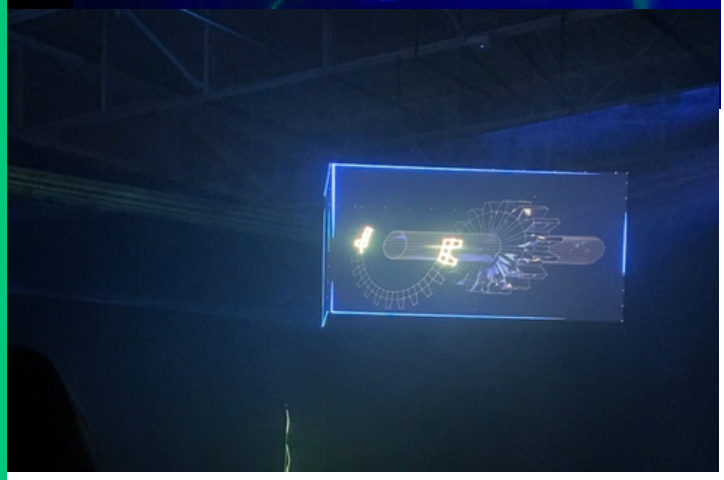
The days organized panels were a testament to the recent innovations and history making advancements that companies are pushing across the country, from exploring EV value chain, AI, automation, robotics, life sciences, biomanufacturing , climate change and sustainability, Canada's past innovations and future forward thought leaders filled the Toronto Congress Centre with exciting insights and key take aways.



The NGen N3 Summit featured diverse and insightful panel discussions, covering key aspects of Canada's advanced manufacturing landscape. The "Life Science and Biomanufacturing" panel, showcased the experiences and advice of startup founders, Alvaro Amorrortu, Derek Sham, Tony Chahine, and Mitchel Sivilotti sharing their insights. The "Cleantech and Sustainable Solutions" panel, explored global demand with participation from companies like Genecis Bioindustries Inc. and Enersion Inc. The "AI, Automation, and Robotics" discussion, delved into scaling solutions with contributions from industry leaders like AutoMetrics Manufacturing Technologies Inc. and Canada Makes member, Mosaic Manufacturing. The "EV Value Chain" panel, brought together experts to share perspectives on Canada's role in the rapidly expanding electric vehicle sector. These panels collectively highlighted the collaborative spirit, innovation, and diverse expertise driving advancements in Canadian manufacturing.

On the Show Floor

Inside the exhibition hall, attendee's had the opportunity to explore companies that received NGen project funding and the Cluster Accelerator Network (CAN) that NGen has been developing and promoting over the past several years. AI4M was thrilled to be along the wall of clusters from across the country and promote the additive manufacturing landscape. The event had an excellent turnout with participants ranging from a variety of backgrounds and focuses that enhanced the entire event.



The Catalyst

The Catalyst display stood out as a collaborative and multidisciplinary project, focusing on the convergence of perspective-based animations, laser programming, and spatial audio to create meaningful compositions. This innovative project featured a monolithic floating cube that served as a canvas for projection-mapped video content, an internal lighting system. The cube became an immersive experience, generating sound derived from laser and video information to narrate the interactions within the implied space. The entire display was based on "Subtractive Space," an original work crafted by the three collaborating artists, exploring ambient and meditative states through a unique blend of visual and auditory elements.

NGen Cluster Accelerator Annual Meeting

In conjunction with the noteworthy advancements at N3, NGen brought together clusters representing diverse regions industry areas nationwide in the annual Cluster Accelerator Meeting. The primary objective was to facilitate networking opportunities and foster enhanced collaboration among organizations within these clusters. Complemented by targeted programming, leaders from each cluster highlighted the priorities and challenges within their respective industries. This collaborative exchange aimed to strengthen strategies for resilience within each sector and the broader ecosystem.