



OUR INNOVATION ADVANTAGE

Shaping the future of Canada's digital innovation

Digital productivity and innovation are critical to Canada's success. The Digital Supercluster accelerates the development and adoption of digital solutions that keep Canadians healthy, drive economic productivity and mitigate impacts of climate change. We bring digital innovation from concept to market – creating a space where Canadian innovators, industry leaders, researchers and governments produce digital solutions together better than any one of them could do alone.

The power of the network effect

The Digital Supercluster's approach creates a "network effect" – a powerful phenomenon where the number and diversity of participants, the speed of activity, the focus on delivering results and the relationships formed through the Supercluster produces fast and effective products and services, Canadian IP, customer relationships, investment opportunities and domestic and export potential far greater than other approaches to innovation. More specifically, the network effect:

CREATES AND GROWS
CROSS SECTORAL
RELATIONSHIPS

Our consortium-model requires SMEs, industry leaders, academics, and potential 'adopters' to work together in developing meaningful products and services. This demand for results drives relationships that move beyond our Supercluster into new business and customer connections.

DRIVES SME GROWTH
AND CONFIDENCE

A determined commitment to developing a product or service outcome in a compressed timeframe, requires all parties to contribute expertise (e.g. IP), and work together to develop the best possible solution. SMEs are accountable in the same way as other participants, resulting in growth in confidence, experience, knowledge, know-how and relationships.

ACCELERATES INVESTMENT
IN INNOVATION

Co-investment that is founded on the development and deployment of products and services attracts industry investment, ensures strong stewardship of public investment, shares risk and lowers research and development costs.

ATTRACTS INTERNATIONAL
INTEREST AND CREDIBILITY

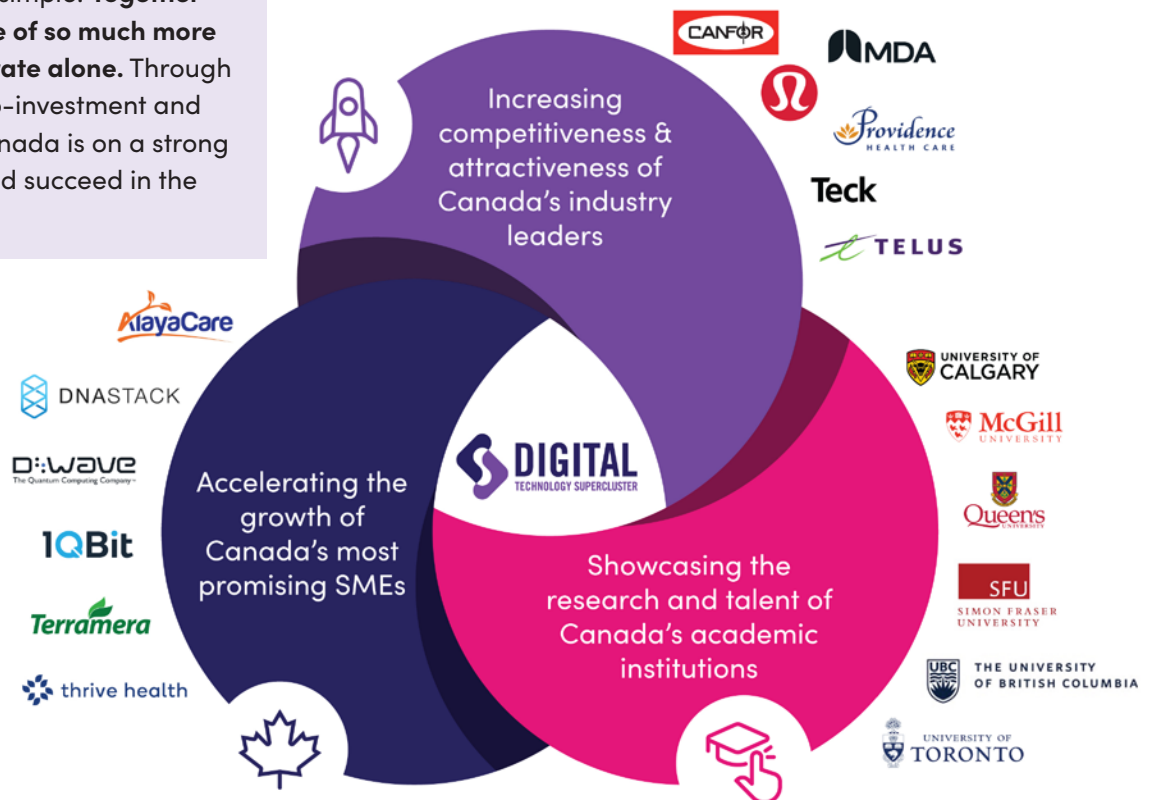
Our model attracted international interest from the outset which has evolved into confidence from international markets in the products and services resulting from projects and trust from potential international participants and customers.

Nurturing an innovation ecosystem that is like no other in Canada

Each participant in our collaborative innovation model contributes to driving results:

- **SMES** bring digital expertise and agility. They benefit from a fast track to customers, relationships with industry leaders forged in the crucible of delivering outcomes, support for protecting IP, demands for accountability and results, and follow-on investments to build out solutions and grow faster.
- **INDUSTRY LEADERS** bring industry knowledge, influence, investment, and experience. They benefit from increased competitiveness, the discovery of digital-first solutions, exposure to new thinking, relationships with innovative leaders and accelerated R&D.
- **ACADEMIA** brings ideas and talent. They benefit from the speed of industry, the ability to take research prototypes out of labs and into 'real life' applications and exposure to diverse partners across multiple sectors.
- **GOVERNMENT** brings policy, investment, and potential customer opportunities. They benefit from reduced risk in investments, faster results, and a more sustainable, resilient and prosperous Canada.
- **NOT-FOR-PROFITS** bring social responsibility and community purpose. They benefit from advancing research and having input on the design of technology for social good.
- **CANADIANS** bring passionate demands for faster and better digital innovations, stronger global competitiveness, and a return to economic prosperity. Canadians benefit from the fast development and deployment of real-world solutions that support environmental sustainability, improved health and well-being, a faster post-pandemic recovery, equitable opportunities for all, and a better quality of life founded on the 'upheaval' of the traditional approaches to innovation.

The "secret sauce" of the Digital Supercluster is simple: **Together we are capable of so much more than if we operate alone.** Through connections, co-investment and community, Canada is on a strong path to lead and succeed in the digital world.



Creating a real difference for Canada

The Digital Supercluster is fast tracking the development of over 130 real world solutions. We are just getting started! Before our formation, there was no innovation environment that leveraged cross-sectoral expertise or created multi-stakeholder business relationships. Now there are 1000+ SMEs, academic institutions, not-for-profits, and industry leaders working together to develop solutions to pressing issues in industry and society.

Canada's competitive advantage starts here

The need for innovation and developing new ideas in Canada is so strong that the Digital Technology Supercluster exceeded nearly all of the goals established for five years - in three years. The numbers speak for themselves and the impact is clear - accelerating the development and adoption of digital technologies plays a key role in growing Canadian businesses, creating a digitally skilled workforce, and positively impacting lives across the country. Canada's ability to succeed in these areas will drive our digital advantage and the resilience and prosperity of our country. That is how we build a better Canada.



Digital technologies are transforming our industry and contributing to improvements in every step of the mining process. As a Founding Member of the Supercluster, Teck is working collaboratively to harness the power of these digital breakthroughs to make our operations safer, more productive and more sustainable.

GREG BROUWER, GENERAL MANAGER OF TECK

Collaborative innovation means:

- + World-class consortiums actively working to sequence, share and analyze the genomic and biomedical data of individuals with Autism or COVID-19 virus variants
- + Advancements in sustainable resource development such as low impact mining and biomining
- + Opportunities to close the digital talent gap and create equitable opportunities for all Canadians
- + Wound care, blood test based biopsy and chest x-ray diagnostics available in remote locations
- + Access to healthcare, education and the benefits of the digital economy for remote and Indigenous communities
- + Precision agriculture, ocean surveillance and satellite-based environmental analytics that support environmental stewardship around the globe



INVESTED WITH CANADIAN FIRMS



ATTRACTED FROM INDUSTRY



DIGITAL TECHNOLOGY PROJECTS



MEMBERS



NEW JOBS CREATED BY 2028