



**Where quantum
technology becomes
quantum *solutions*.**



**Quantum
City**



**UNIVERSITY OF
CALGARY**

ucalgary.ca/quantum-city

ABOUT QUANTUM CITY

Quantum City is building an ecosystem for quantum science and technology in Alberta bringing together researchers, developers and adopters of quantum technology and services.

Quantum City's mandate is to capture the benefit of quantum technology by creating adoption pathways. Quantum City is establishing quantum technology enabling infrastructure, creating a pipeline for talent and experts and narrowing the gap between quantum technology and solutions to support the development of a vibrant economic and scientific hub based in Calgary.

These combined assets will create a unique, and once-in-a-generation opportunity to position Alberta as a national and international jurisdiction in the new quantum economy.

The University of Calgary formed a strategic partnership with the Government of Alberta, and Mphasis, its first industry partner, to create Quantum City.



OUR ROLE IN THE QUANTUM ECOSYSTEM

QUANTUM DEVELOPMENT

Foundational research

Discovery research

Innovation and commercialization

Industry adoption



Bringing together researchers, developers and adopters of quantum technology and services.

WHAT WE DO

1. Establish quantum technology enabling infrastructure

2. Create a pipeline for talent and experts

3. Narrow the gap between quantum technology and solutions

OUR HISTORY

Quantum City was established in 2022 with over \$100 million in private and public investments.

Quantum research, development and commercialization in Alberta has a rich history of over 20 years of major quantum investments and advancements totaling over \$30 million.

Activities by the Universities of Alberta, Calgary, and Lethbridge have been collaborative since 2015 via *Quantum Alberta*, a network of academic and industry experts who joined together to elevate quantum science and technology research, development, and commercialization in Alberta.

THE FUTURE OF QUANTUM TECHNOLOGY

GLOBALLY

\$42.4B by 2027

The global quantum effort leading to research and innovation in quantum science and technology is continually rising with current worldwide investments reaching almost \$30 billion. Overall, the global quantum technology market is projected to reach \$42.4 billion by 2027.

NATIONALLY

200K jobs by 2045

According to a National Research Council of Canada study in 2020, the Canadian quantum industry will be a \$139 billion industry, including all economic effects, and account for over 200,000 jobs by 2045.





Quantum City

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Start
something.