

WATERLOO REGION

Waterloo is an ICT powerhouse of talent and innovation, boosted by a world-class academic community. Here you'll find the world's highest concentration of mathematical and computer science talent.

ICT IN WATERLOO

12,690

EMPLOYED

1,660

COMPANIES

150

RESEARCH CENTRES

SOURCE: WATERLOO REGION
ECONOMIC DEVELOPMENT
CORPORATION



WORLD'S LARGEST...

- The Institute for Quantum Computing at the University of Waterloo
- The Perimeter Institute for Theoretical Physics
- Catalyst137 for Internet of Things manufacturing with 475,000 sq. ft. of space

WATERLOO IS HOME TO...

SOFTWARE LEADERS

BlackBerry, D2L, Google and OpenText

70+

automotive and autotech innovation sector leaders

CANADA'S LEADING

Internet of Things cluster

CANADA'S FIRST

Google for Entrepreneurs technology hub



“Waterloo Region has inspiring spaces and venues for all kinds of events. The area is known for being at the cutting edge for thinking and doing and is populated by thought leaders—from startups to established globally recognized tech firms and research leaders. Best of all, there is a collaborative mindset that permeates every aspect of our innovation ecosystem.”

— Kelly McManus, Senior Director, Community Relations & Events
University of Waterloo

SUCCESS STORIES

Clearpath Robotics, founded by University of Waterloo alumni, is an industry trailblazer that automates the world's dullest, dirtiest and deadliest jobs—from load-haul-dump jobs in mining to searching out algae blooms on water.

Advanced Manufacturing in

WATERLOO REGION

A global technology hub, Waterloo Region is also a notable advanced manufacturing centre specializing in the automotive, aerospace, robotics, food processing, plastics and fabricated metals sectors.

RESEARCH LEADERSHIP

Catalyst137 aims to be the world's largest Internet of Things manufacturing space

Conestoga College's Centre for Smart Manufacturing

University of Waterloo

- Waterloo Centre for Automotive Research (WatCAR)
- Waterloo RoboHub
- Multi-Scale Additive Manufacturing Lab
- Centre for Advanced Materials Joining
- Centre for Pattern Analysis & Machine Intelligence
- Waterloo Institute for Nanotechnology
- Institute for Polymer Research

SUCCESS STORIES

Canada's first **Spatial Atomic Layer Deposition** (SALD) system was successfully designed, built and operated in the spring of 2018 thanks to the contributions of seven University of Waterloo students. This nanoscience technique enables a quicker and more economical surface coating of atomic layers compared to traditional systems.

Eleven-x offers expertise in wireless technology and low-power communication networks. Its Smart City applications enable municipalities to monitor infrastructure, assets and services easily and cost effectively.

“We've now quadrupled our space for R&D and we have a lot more area for prototyping things. We like to incorporate new technology and get things to market as quickly as possible, and there's a ton of talent and innovation in this area that we can pull from.”

—Dr. David Bressler, Scientific Advisor, Forge Hydrocarbons



COMPANIES

- ATS Automation
- Christie Digital Systems
- Clearpath Robotics
- Honeywell Aerospace
- PepsiCo Canada
- Toyota Canada