Edmonton Region is a national leader in AI and machine learning, showing promising synergies across many industrial sectors, including energy, agriculture and health & life sciences.

**EDMONTON REGION: TECHNOLOGICALLY DRIVEN**

Edmonton Region's R&D expertise and state-of-the-art innovation centres have driven the Region to become a hub for artificial intelligence and reinforcement learning, attracting corporate investments from tech giants, such as Amazon, Google, and IBM.

### TECHNOLOGY HIGHLIGHTS

- **$18.7b**
  - In ICT sector revenues in Alberta

- **18,230**
  - Workers in Edmonton Region

- **5,279**
  - Establishments in Alberta

### AI & MACHINE LEARNING

- University of Alberta is ranked 3rd in the world for artificial intelligence
- Edmonton-based Alberta Machine Intelligence Institute (Amii) is part of the Pan-Canadian AI strategy

### BIG DATA

- Alberta benefits from a robust network infrastructure, with significant private investment into fibre optic networks
- Low energy prices and stable electricity supply provide considerable value for investors

### DIGITAL MEDIA

- The industry is expected to grow by 3.7% over the next 5 years and by 2022, video streaming will account for 80% of online traffic
- Revenues in the industry grew by 3.4% in 2017, making Canada the 5th largest video market worth close to $1.53 billion, with expected growth through 2022

### Top Statistics

- **53%**
  - Increase in the number of technology businesses with headquarters in Alberta from 2016 to 2018

- **51 COUNTRIES**
  - Preferred market access to 51 countries, representing approximately 1.5 billion consumers and over 67% of global GDP

- **$16b INVESTMENT**
  - In infrastructure in Alberta over 5 years announced by Telus, a Canadian national telecommunication company

- **1st FASTEST GROWING SOFTWARE COMPANY IN CANADA**
  - Jobber, a scheduling software and app, is headquartered in Edmonton
TALENT & EDUCATION

UNIVERSITY OF ALBERTA
- Acclaimed for its research expertise and offers programs in Computer Engineering and Computer Science
- The Computing Science program is regarded as the top Reinforcement Learning program in the world

TEC EDMONTON
- TEC Edmonton founded out of the University of Alberta was ranked the 3rd best university-associated business incubator in the world
- Works with tech community to help protect their innovation and find opportunities to bring products to market

NAIT
- Canada’s largest apprenticeship trainer works directly with companies to commercialize products

INNOVATION ECOSYSTEM

ALBERTA MACHINE INTELLIGENCE INSTITUTE (Amii)
- Provides support to businesses implementing artificial intelligence and machine learning
- Partners with global industry leaders, notably Google Brain, IBM, Microsoft Research, and Volkswagen Data Lab

ALBERTA INNOVATES
- Provides over $200m of annual investment into 72 programs in clean technology, and bio and health

ACAMP
- An advanced tech accelerator working directly with over 440 companies to commercialize technology

PUBLICLY FUNDED POST SECONDARY INSTITUTIONS

$11.2b LESS TAXES PAID BY BUSINESSES THAN IN OTHER CANADIAN JURISDICTIONS

BUSINESS ENVIRONMENT

COMPETITIVE TAX REGIME
- At 8%, Alberta currently has the lowest corporate tax rate in Canada.
- The value added tax (VAT) in Alberta is 5%, among the lowest rates across all of Canada

“Collaborating with (the University of Alberta) to open a lab feels like a natural extension of what we do here in London”
“It was a big decision for us to open our first non-U.K. research lab, and the fact we’re doing so in Edmonton is a sign of the deep admiration and respect we have for the Canadian research community”

Demis Hassabis
Co-founder and CEO, DeepMind