

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.



- ⌂ AI and machine learning industry clusters
- ⌂ State-of-the-art R&D facilities
- ⌂ Highly skilled workers
- ⌂ Strong connectivity and reliable energy sources

## 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 in the top five hubs in the world for artificial intelligence
- Edmonton-based Alberta Machine Intelligence Institute (Amii) is part of the Pan-Canadian AI strategy



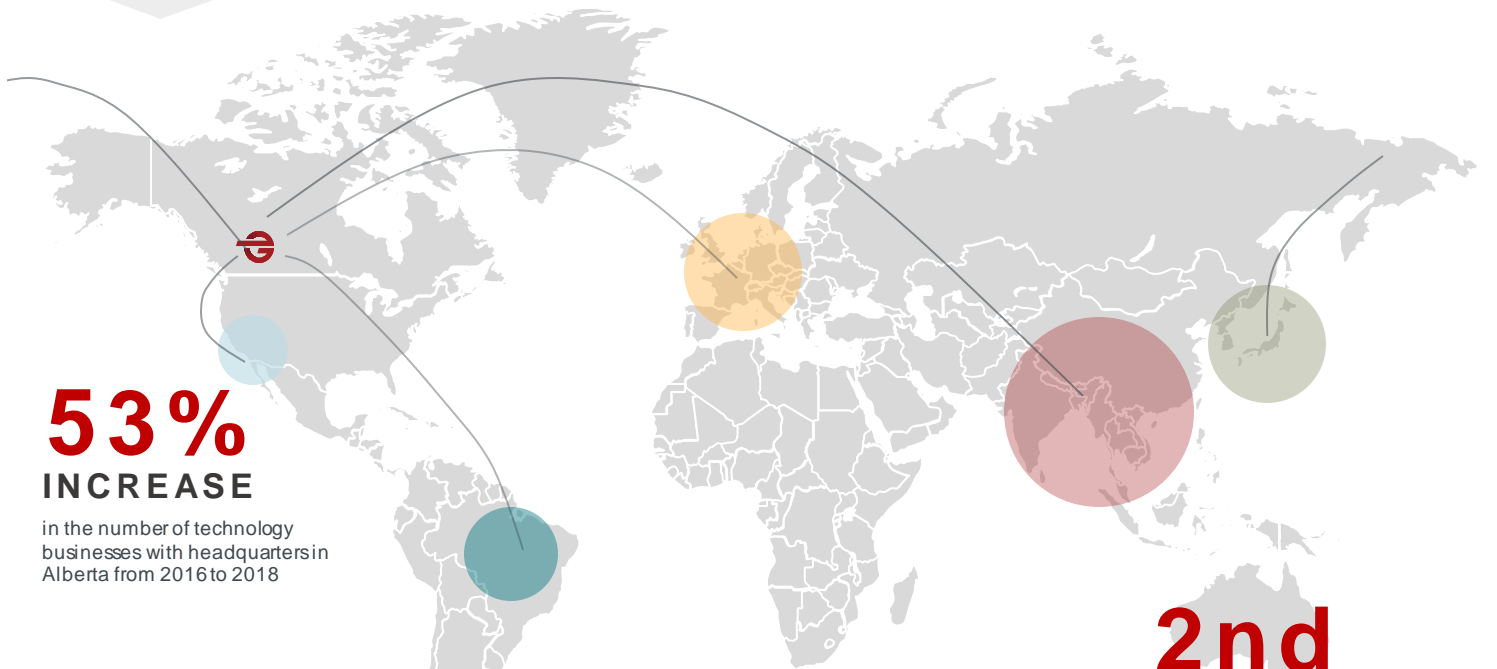
### BIG DATA

- 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



**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 per cent of global GDP

**\$16b**  
INVESTMENT

in infrastructure in Alberta over 5 years announced by Telus, a Canadian national telecommunication company

**2nd**  
FASTEST GROWING SOFTWARE COMPANY IN CANADA

Jobber, a scheduling software and app, is headquartered in Edmonton



**PROGRAMS**  
**388 UNDERGRADUATE**  
**500 GRADUATE**

## TALENT & EDUCATION

### UNIVERSITY OF ALBERTA

- Acclaimed for its research expertise and offers programs in Computer Engineering and Computer Science
- The Computing Science program is ranked 6th, and the Mathematics program is ranked 5th in Canada

### TEC EDMONTON

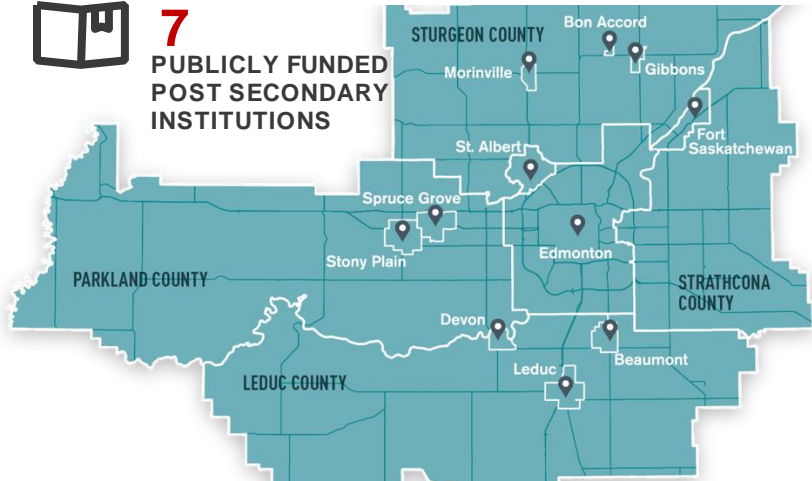
- TEC Edmonton founded out of the University of Alberta was **ranked the 3<sup>rd</sup> best** university-associated business incubator in the world
- Works with tech community to help protect their innovation and find opportunities to bring products to market

### NAIT

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



**7**  
**PUBLICLY FUNDED**  
**POST SECONDARY**  
**INSTITUTIONS**



## 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



**\$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



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info@edmontonglobal.ca



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1-800-264-4952



@EdmontonGlobal