

Investment Opportunity – EnergyTech: Innovations in Programming, Sensors and Artificial Intelligence (AI)

The Edmonton Metropolitan Region has attracted the world's biggest energy companies. Now we're combining our global leadership in artificial intelligence and energy R&D to create the largest market for innovative technologies in oil & gas in North America.

THE CENTRE OF CANADA'S ENERGY SECTOR AND A WORLD-LEADER IN AI

Edmonton is Canada's
largest hydrocarbon
processing region with

\$84 BILLION

in energy products
exported annually
from Alberta.

**TOP 3
IN THE WORLD**

The University of Alberta
is a world-leader in
AI research.

**\$1.26
BILLION**

in tax incentives
for R&D and
commercialization.

AI could add
as much as

\$15.7 TRILLION

to the global
economy by 2030.

CANADA'S LOWEST TAX RATES

OPPORTUNITY

"Smart technology" including sensors and adaptive programming are anticipated to represent one of the biggest drivers of value in the 21st century. AI and innovative technologies in the wider oil and gas market were valued at \$2 billion worldwide in 2016, with the expectation of growth up to \$4.5 billion by 2022.

The Edmonton region is the largest market for innovative technologies in oil and gas in North America (Canada and the US).

Ethane cracking has proven to be particularly well-suited to AI deep learning algorithms leading to increased value for large-scale petrochemical projects.

