

A large, stylized chevron graphic pointing to the right, composed of two overlapping bands. The top band is bright yellow, and the bottom band is a gradient from yellow to orange. The background of the slide is dark with vertical light streaks.

# ARTIFICIAL INTELLIGENCE OPPORTUNITY AND CHALLENGES

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Artificial Intelligence Lead  
North America

# ARTIFICIAL INTELLIGENCE....HMM

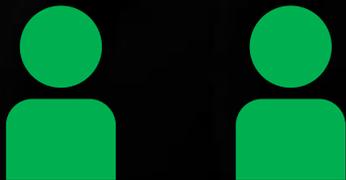
MY HOME



MY INVESTMENTS



MY MUSIC



MY CAREER



MY MOVIES



MY HEALTH



MY FRIENDS



MY LOVE



MY TRAVEL



# AI : SINGLE BIGGEST TECHNOLOGY REVOLUTION?

AI BEATS HUMANS IN POKER  
**LIBERATUS RACKED UP \$2.2 MILLION AGAINST TOP POKER PROS**

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AI EQUITY FUNDING SINCE 2012 **\$14.9 BILLION**

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AI-BASED BOARD MEMBERS  
**VITAL AND ALICIA T**

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CANADA GOVT. INVESTING **\$ 125 MILLION ON AI** (PAN-CANADIAN STRATEGY)

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AI SPENDING FORECAST  
**55% GROWTH RATE 2016-2020 (IDC)**

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# INTELLIGENT ENTERPRISE OPPORTUNITY AND CHALLENGE

**AI** IS

**GOING TO  
IMPACT YOUR  
BUSINESS.  
YOU NEED TO  
DECIDE HOW YOU  
WILL ADAPT.**



# NEW BUSINESS MODELS

## LIFE SCIENCES

**80%**

**GREATER ACCURACY IN  
GENOME SEQUENCING USING  
DEEP LEARNING**

# **RETHINKING CORE OPERATIONS**

## **PAPER AND PULP MANUFACTURING**

**10%**

**INCREASED YIELD (SAME LAND)**

# OPTIMIZING REVENUE MANAGEMENT ONLINE RETAILER

**MACHINE LEARNING  
COMBINED WITH  
OPTIMIZATION  
TECHNIQUES, MAXIMIZED  
THE REVENUE FOR THE  
RETAILER**



# OPTIMIZING BACK OFFICE: OIL AND GAS



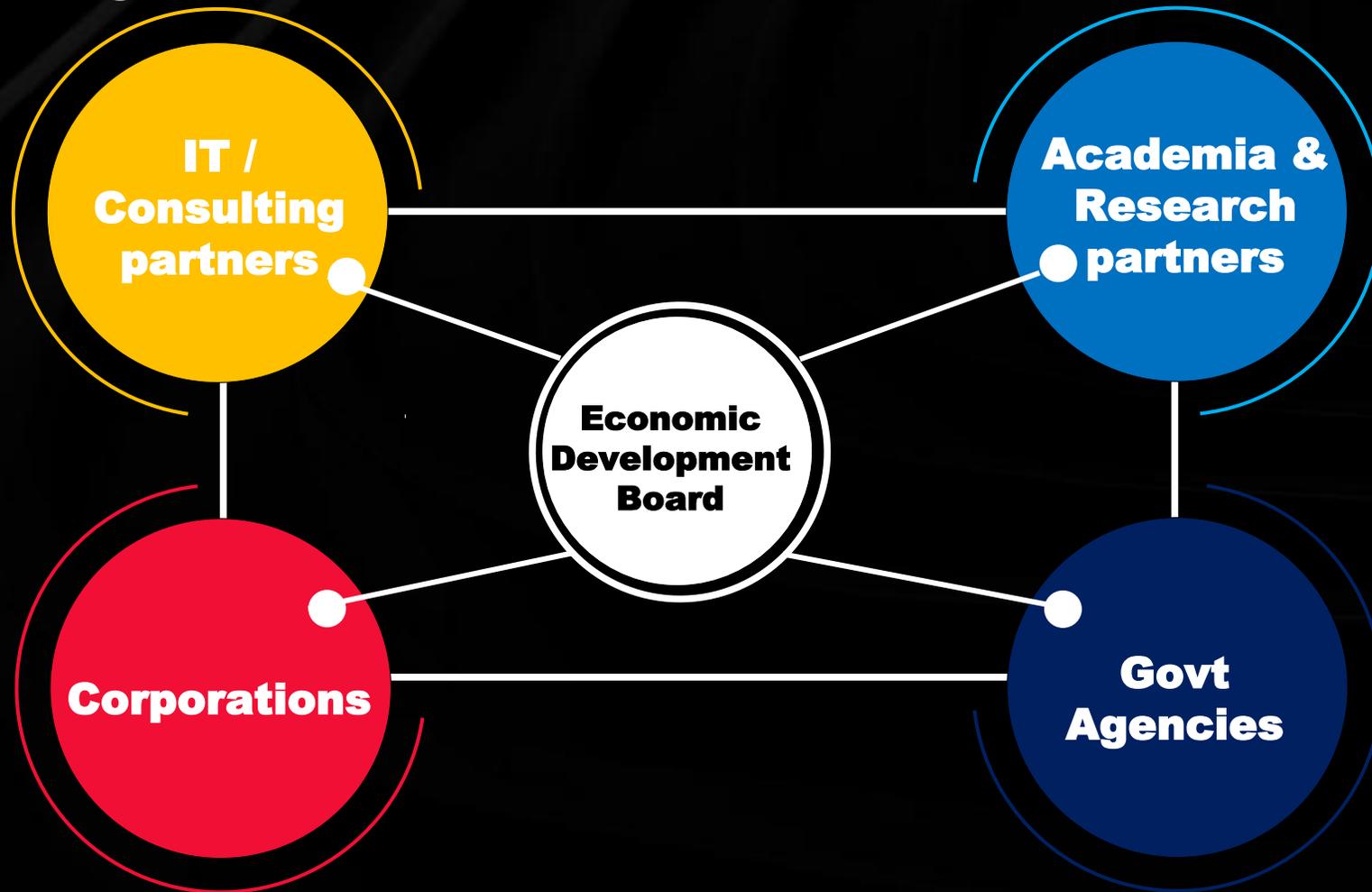
**VIRTUAL AGENT TO  
HANDLE INVOICE  
INQUIRIES FOR  
FINANCE &  
ACCOUNTING  
PROCURE-TO-PAY  
PROCESSING.**

# SAFE CITY SINGAPORE

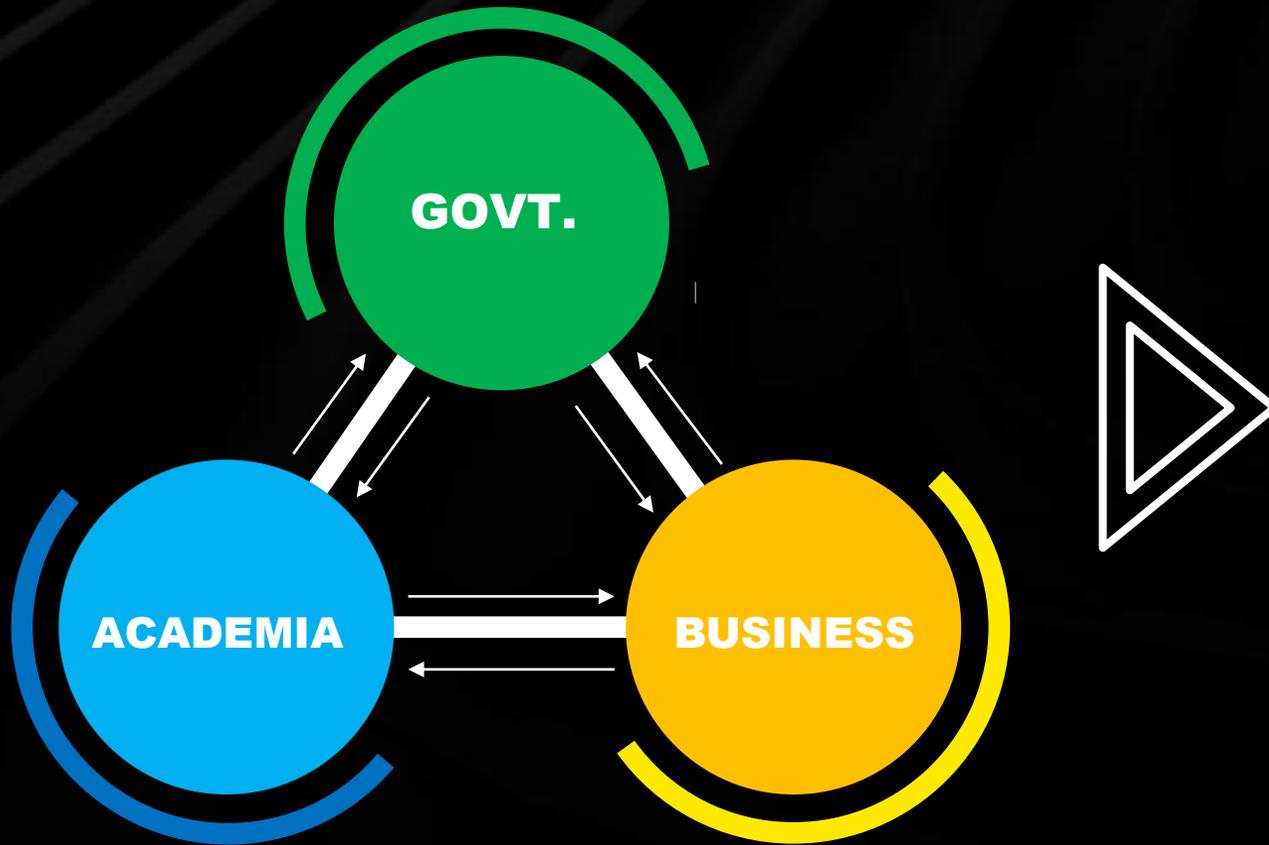


# SINGAPORE CITY: **SMART NATION JOURNEY**

**Ambition: Establish Singapore as a hub for analytical innovation and realize the broader “Smart Nation” goal**



# AI ECOSYSTEM IN CANADA : **KEY CONSIDERATIONS**



- Ecosystem Partner Roles
- IP Management & Commercialization
- Talent Management
- Responsible AI Principles

# ACCENTURE RESEARCH

## ARTIFICIAL INTELLIGENCE: THE FUTURE OF GROWTH

### 3 GROWTH ACCELERATORS:



**Intelligent  
Automation**



**Labor and Capital  
Augmentation**

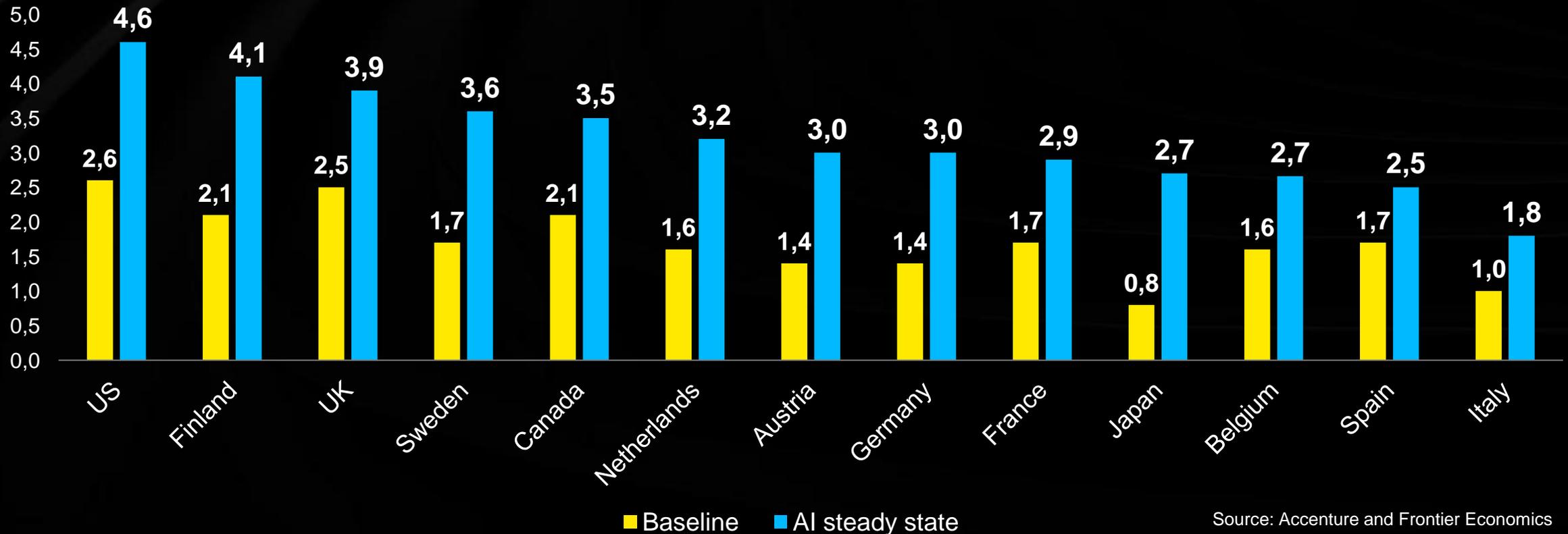


**Innovation  
Diffusion**

# AI HAS THE POTENTIAL TO DOUBLE ANNUAL GROWTH RATES IN THE 12 COUNTRIES ANALYZED.

GROSS VALUE ADDED (GVA) IS A CLOSE APPROXIMATION OF GDP.

REAL GVA GROWTH IN 2035  
(%)

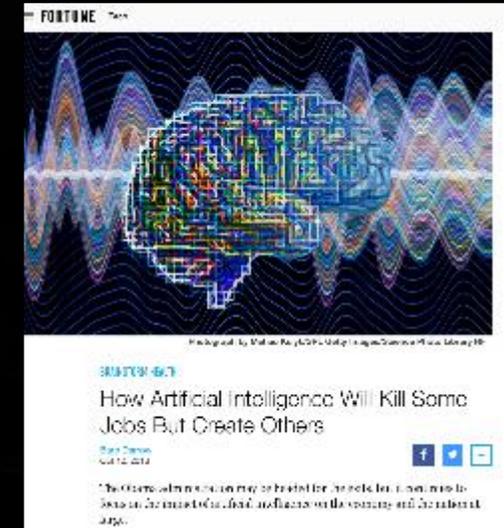


Source: Accenture and Frontier Economics

**WITH AI,  
GREAT  
OPPORTUNITY  
PRESENTS  
EVEN  
GREATER  
RESPONSIBILITY.**



# AI IN THE HEADLINES



# LEADERS WANT TO KNOW



## GOVERNMENT

Is AI being deployed for  
“Societal Good” OR “Job  
Loss”?

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## BUSINESS

AI’s possible “unintended  
consequences” like Brand  
and PR impact?

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## REGULATORS

Is AI compliant with  
regulations like GDPR?

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# RESPONSIBLE AI WILL ENABLE AI TO FLOURISH

## RESPONSIBLE AI DRIVERS



Governance,  
accountability



Honesty,  
transparency,  
fairness



Stewardship,  
reskilling



Security

**ESTABLISH TRUST**

# WITH RESPONSIBLE AI, WHAT COULD TOMORROW LOOK LIKE?

	FROM	TO
INTERACTION	Human to Human	Human-to-Robot   Robot-to-Robot Human - Robot - Human
PRIVACY	Right to Information	Right to Explanation
COMPLIANCE	Reactive	Predictive
DATA	Ancillary	Lifblood for Enterprise

AI FEARED

AI ARCHITECTED WITH VALUE SYSTEM

# ACCENTURE'S FORMULA FOR AI SUCCESS

**AI BUSINESS VALUE =**  
**[ HUMAN X PROCESS X DATA ]<sup>AI</sup>**

**THANK  
YOU**

