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CYPRUS AI 2030: AI FOR GOVERNMENT, RESEARCH, AND INDUSTRY

Demetris Skourides
Chief Scientist of the Republic of Cyprus
Chair of the National AI Taskforce

Cyprus AI Conference

BUSINESS MODEL COMPETITIVENESS

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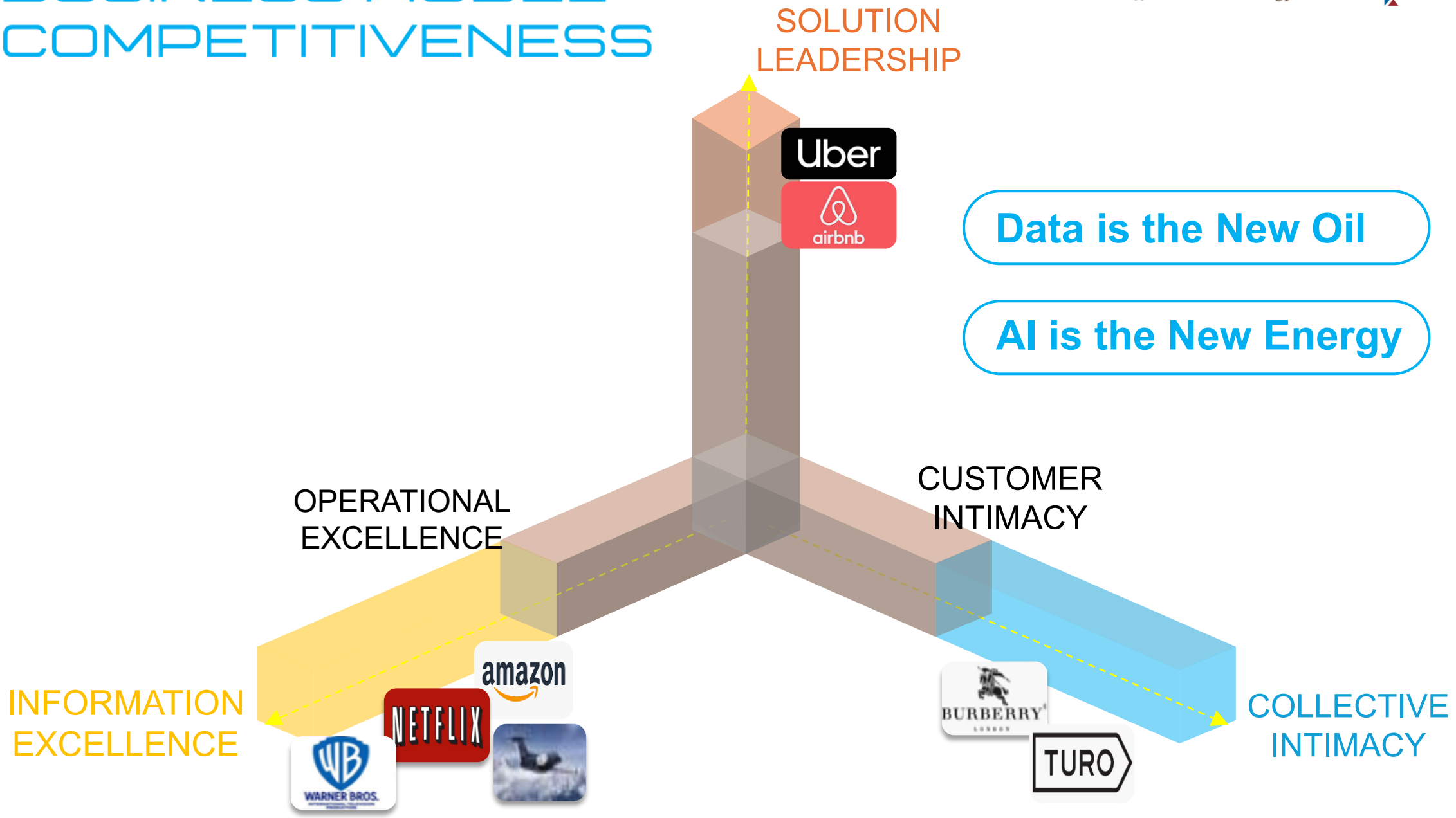

Data is the New Oil

AI is the New Energy

THE PLATFORM ECONOMY

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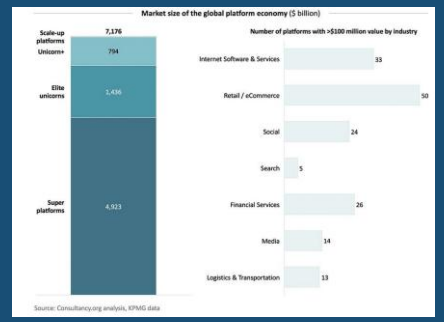
Inclusiveness of transaction

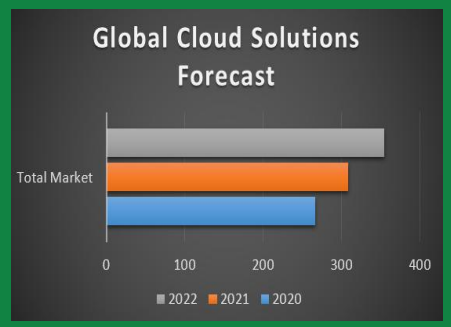
Platform Business Model

7T$



Solution Business Model

354B$



Product Business Model

Mercedes-Benz

Adobe

NETFLIX

ROLLS ROYCE

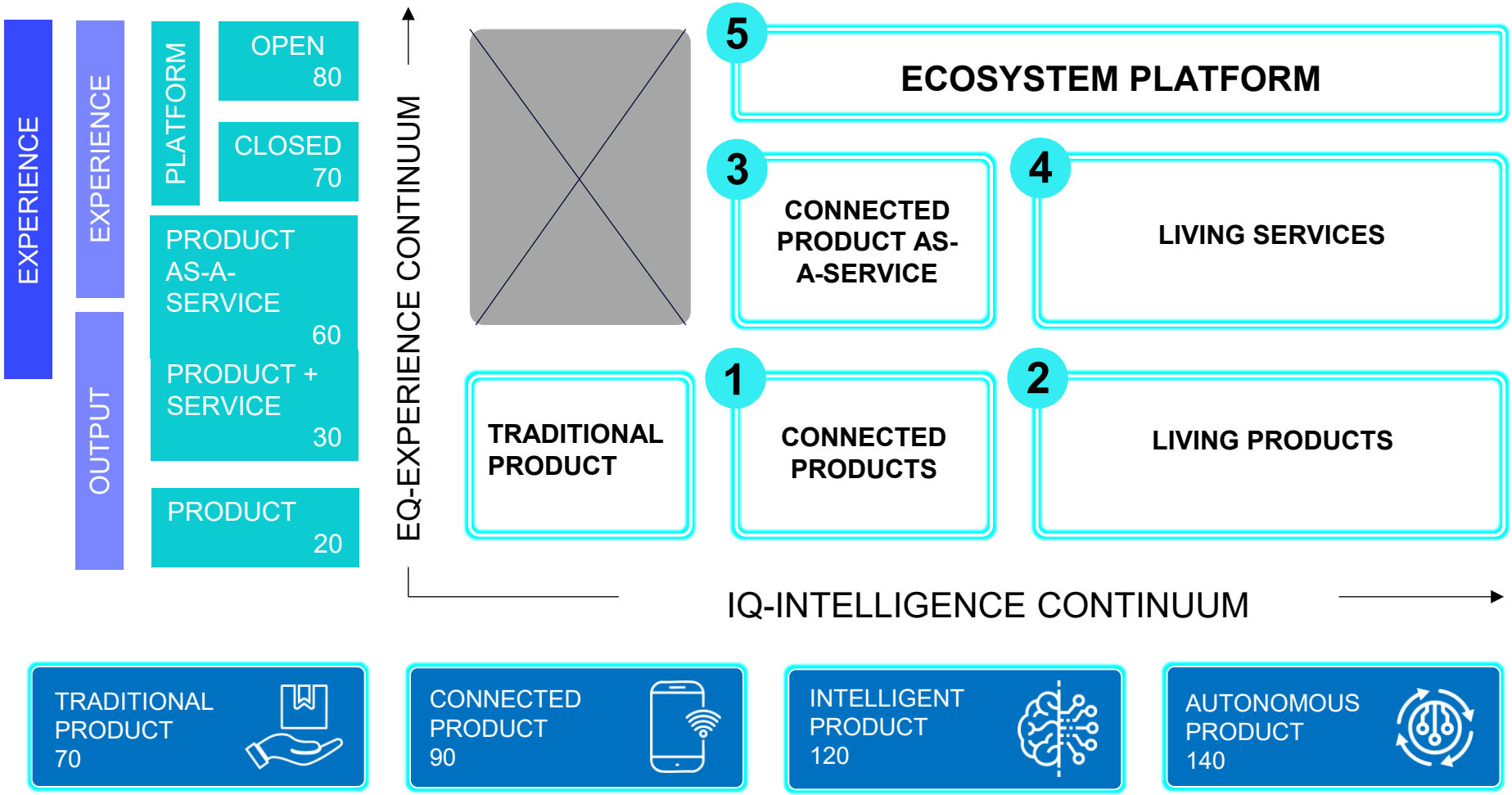
Project Business Modeless

Customization of Offering

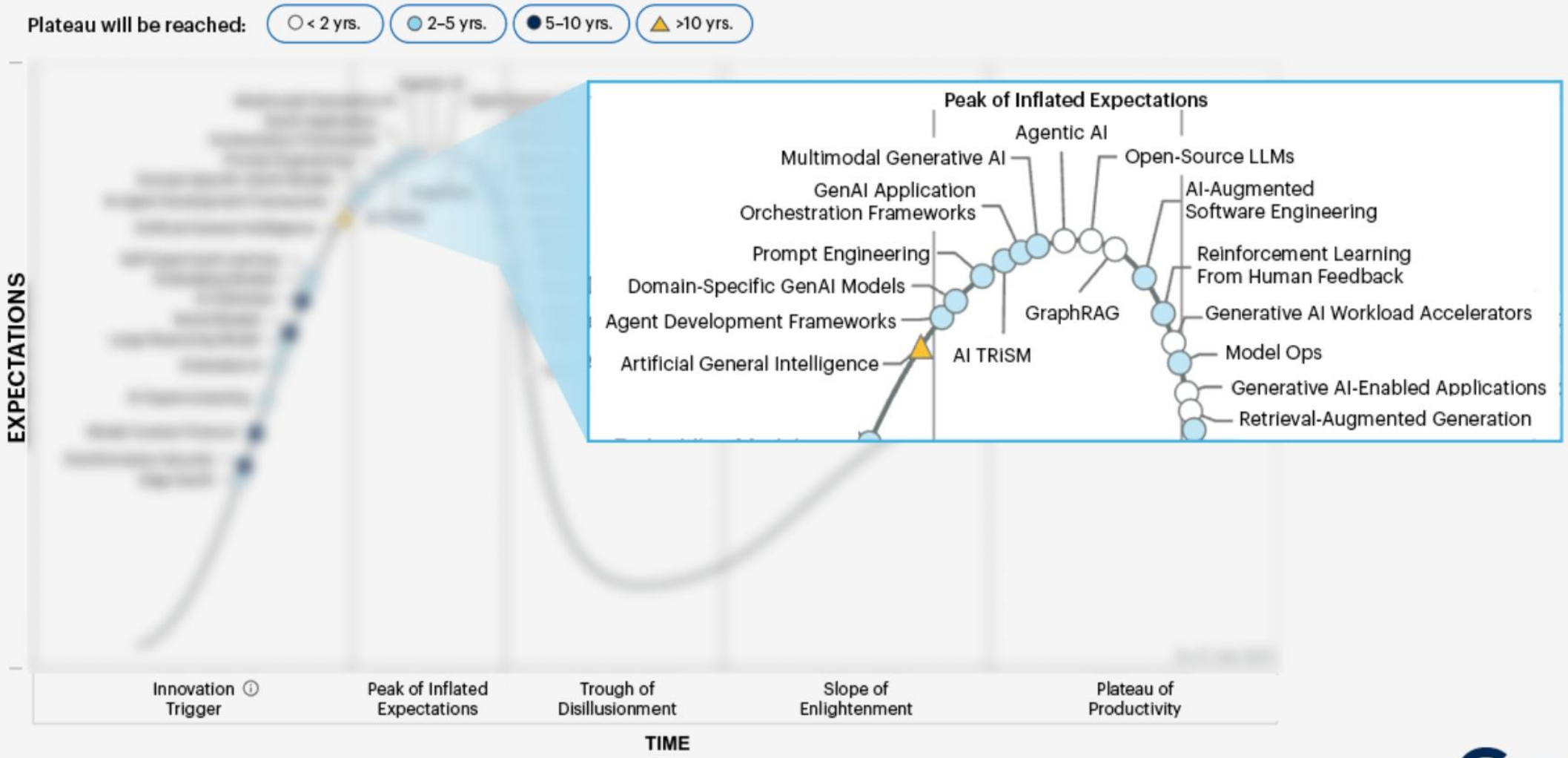
THE PRODUCT REINVENTION GRID

Experience Quotient (EQ) measures the degree of sophistication achieved in terms of services levels.

Intelligence Quotient (IQ) measures product's degree of technical sophistication



HYPE CYCLE FOR GENERATIVE AI, 2025



Source: Gartner

WHAT'S HAPPENING

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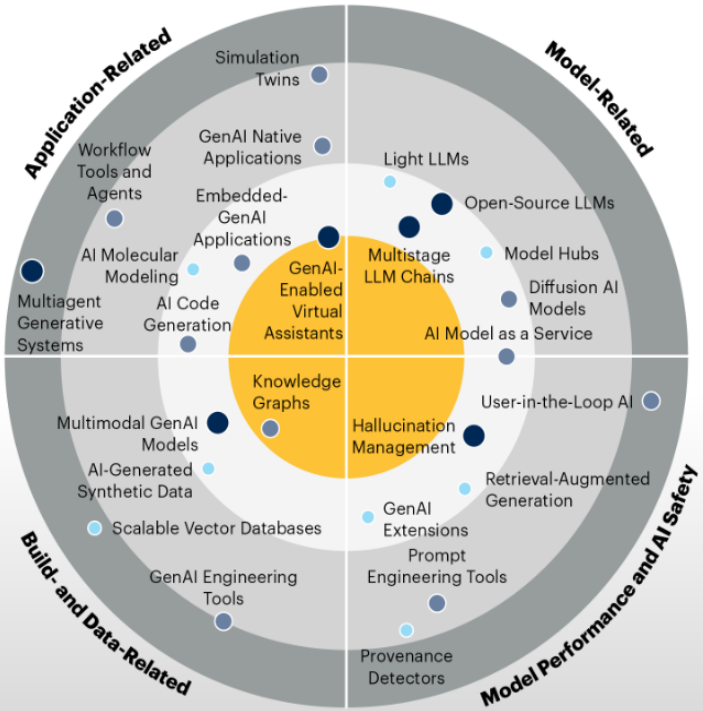
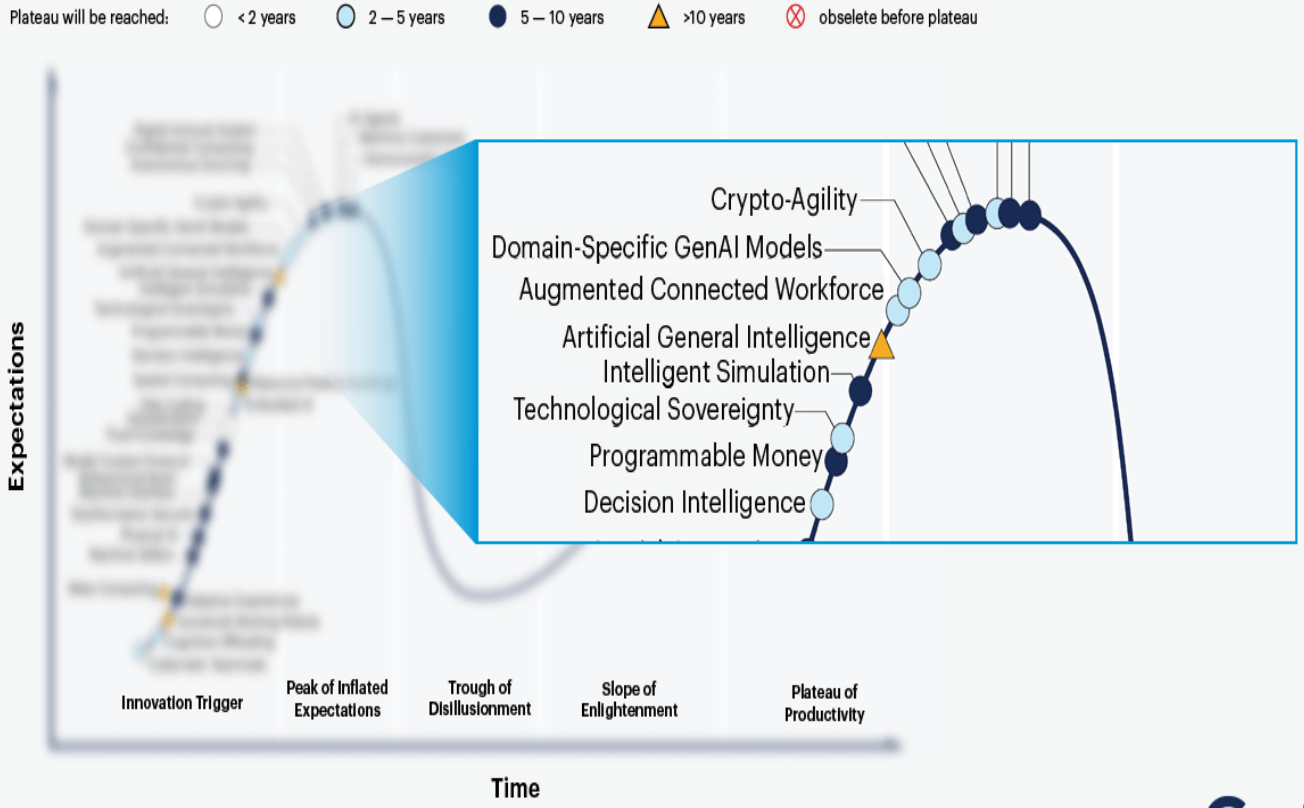
Impact Radar for Generative AI



Gartner

Hype Cycle of Emerging Technologies, 2025



Gartner

AI CHANGES EVERYTHING

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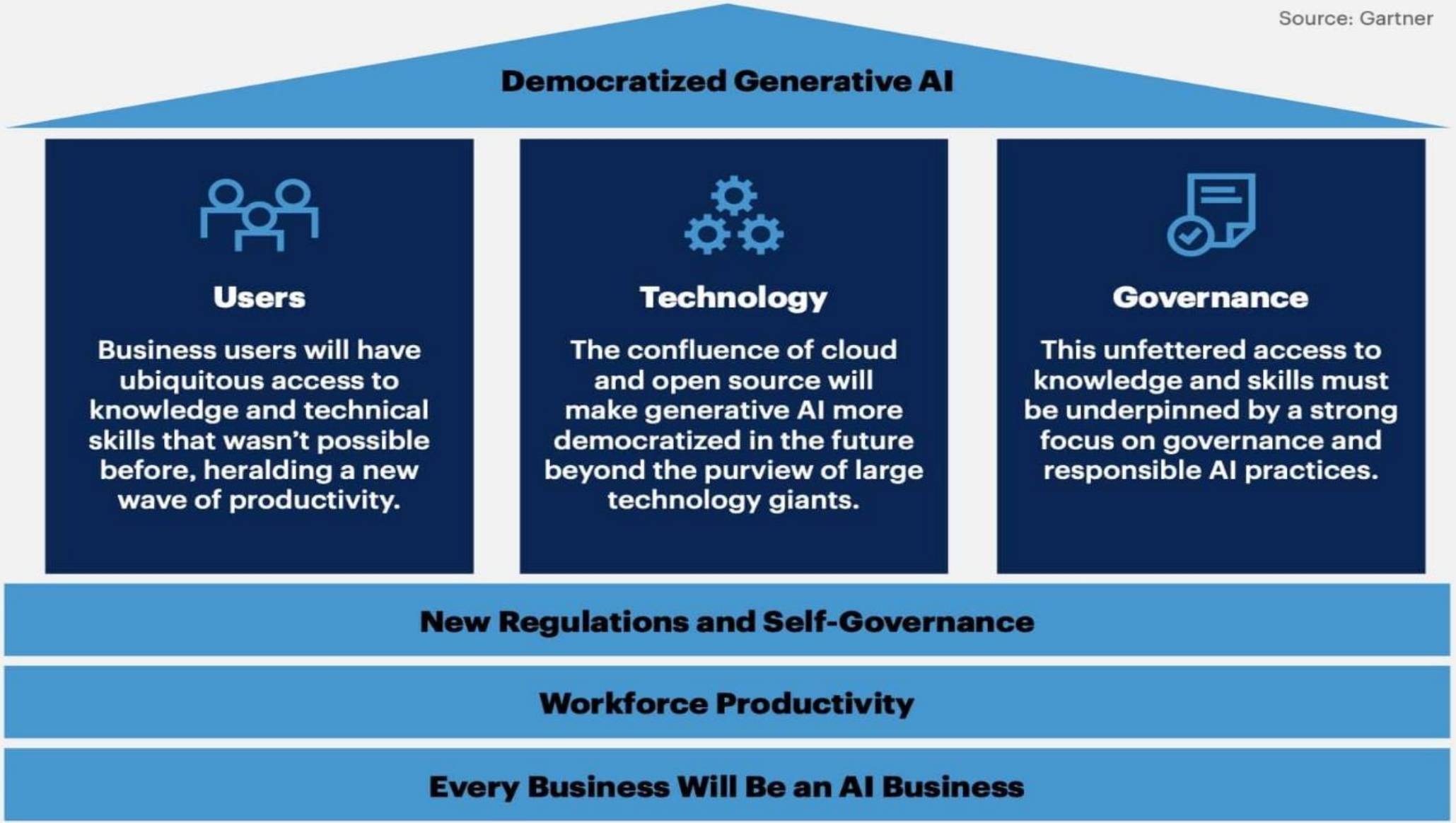
Source: Gartner



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CYPRUS NATIONAL AI TASKFORCE

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AI IN RESEARCH

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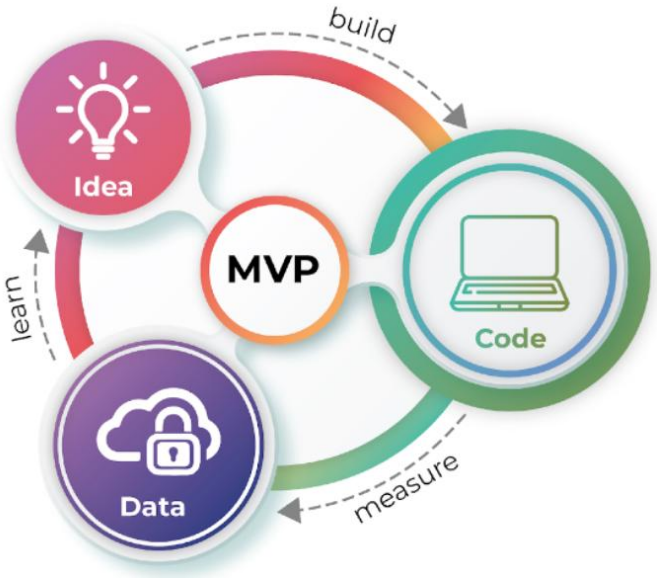
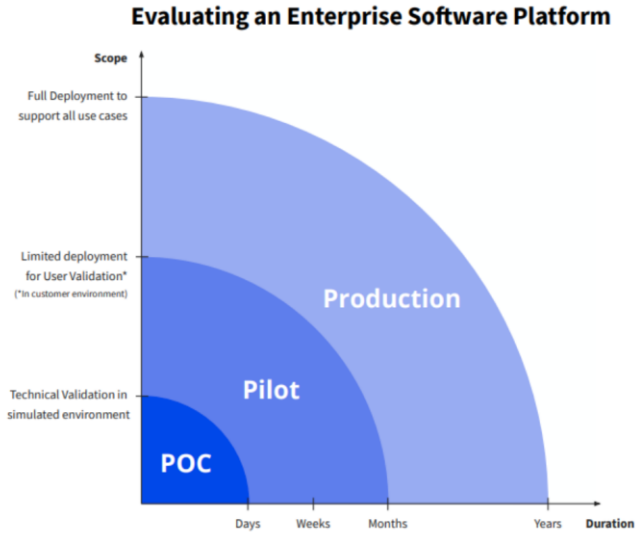
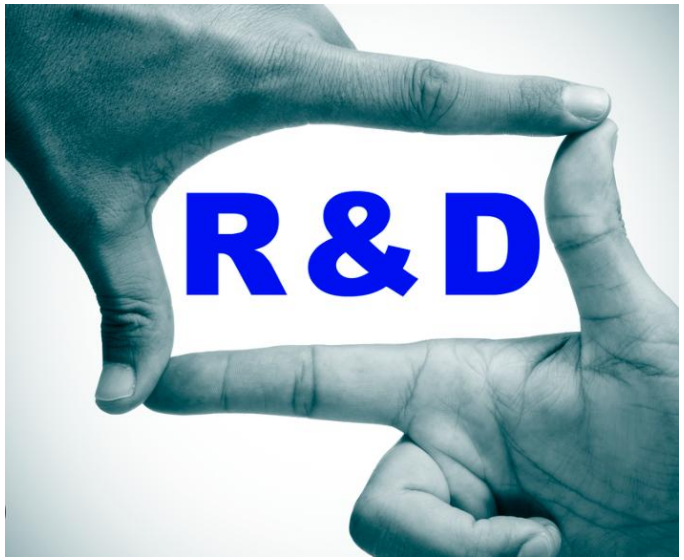
AI IN RESEARCH

AI 4 GOVERNMENT CHALLENGE PROGRAMME - CYPRUS







9 months

27 months

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REPUBLIC OF CYPRUS

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AI 4 GOVERNMENT

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Government Challenges

Early Warning Meteorological Decision System

Student-Professional Skills analysis and policy system

Early Warning System for Disaster Management

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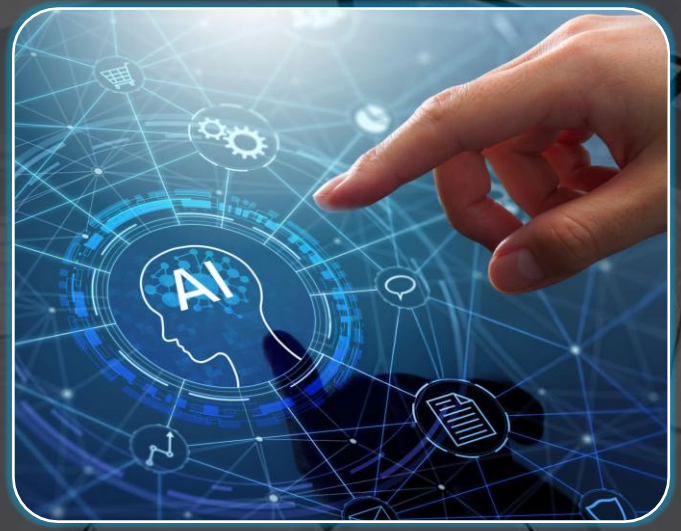
UNDERSTANDING AI USE-CASES

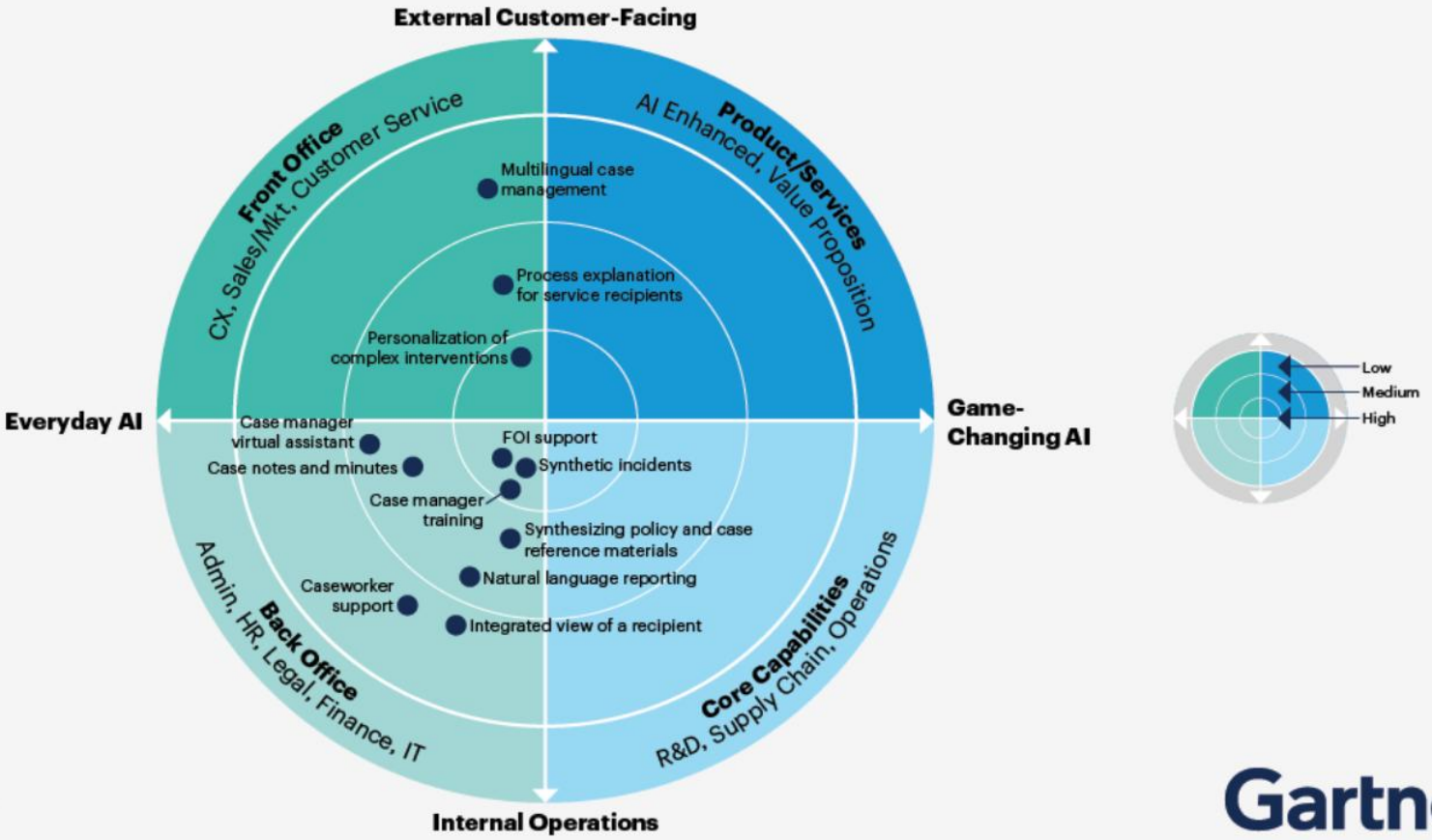
Conversational AI
Cognitive AI



Document Processing and Automation

Actionable Analytics
Evidence based policy making

The AI Opportunity Radar populated with human services industry use cases



Source: Gartner

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RETHINKING SMART GOVERNMENT SERVICES

AI DIGITAL TOOLBOX

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Industry operational / experience accelerators

- Operational & Productivity Accelerators (RPA/Agentic/MAS)
- Cognitive AI & Customer Service
- AI Driven Customer Engagement Platforms

Intelligent backbone

- Data platforms & AI
- Intelligent Cybersecurity edge solutions
- Secure Intelligent API & Integration Services

AI Industry focus prioritized

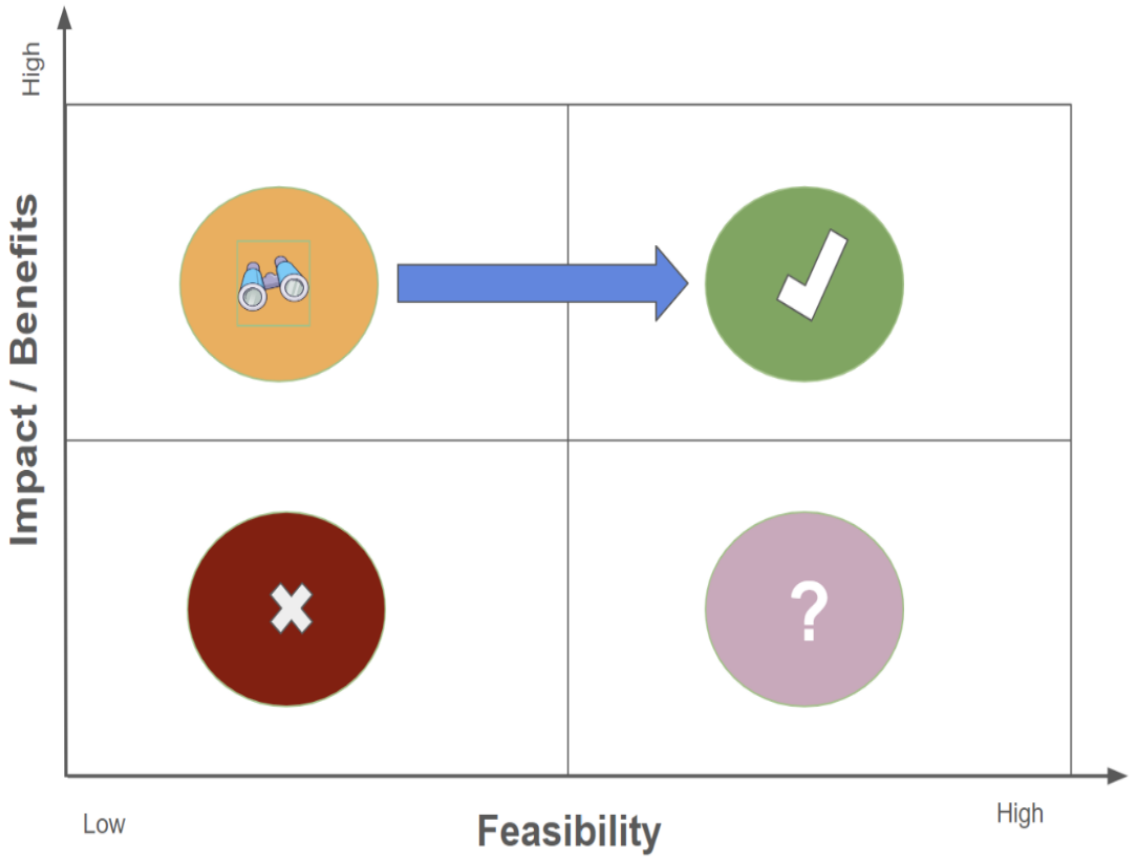
- Financial Services
- Legal
- Healthcare
- Tourism
- Maritime

Cross ministerial services

- X PS Use-case@1
- X PS Use case@2
- X PS Use-case@3
- X PS Use case@4

Public Sector

AI USE-CASE PRIORITIZATION



Objective	Use-case 1 (Score 1-5)
Alignment with business objectives	
Expected value	
Data availability	
Operationalization difficulty	
Risc and compliance	
Differentiation	
Stakeholder support	
Total	

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AI IMPACT EVERYONE

Requires Change of Leadership, Organizational, Personal Mindset

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AI BEST PRACTICES IN GOVERNMENT

Ethical Guidelines for AI

Implementing clear ethical guidelines ensures transparency and fairness in how AI is used within government services.

Data Privacy and Security

Protecting citizens' data is critical; robust security measures prevent misuse or breaches of sensitive information.

Staff Training and Innovation

Continuous training helps public sector workers keep up with AI advancements and encourages responsible innovation and oversight.

INFRASTRUCTURE

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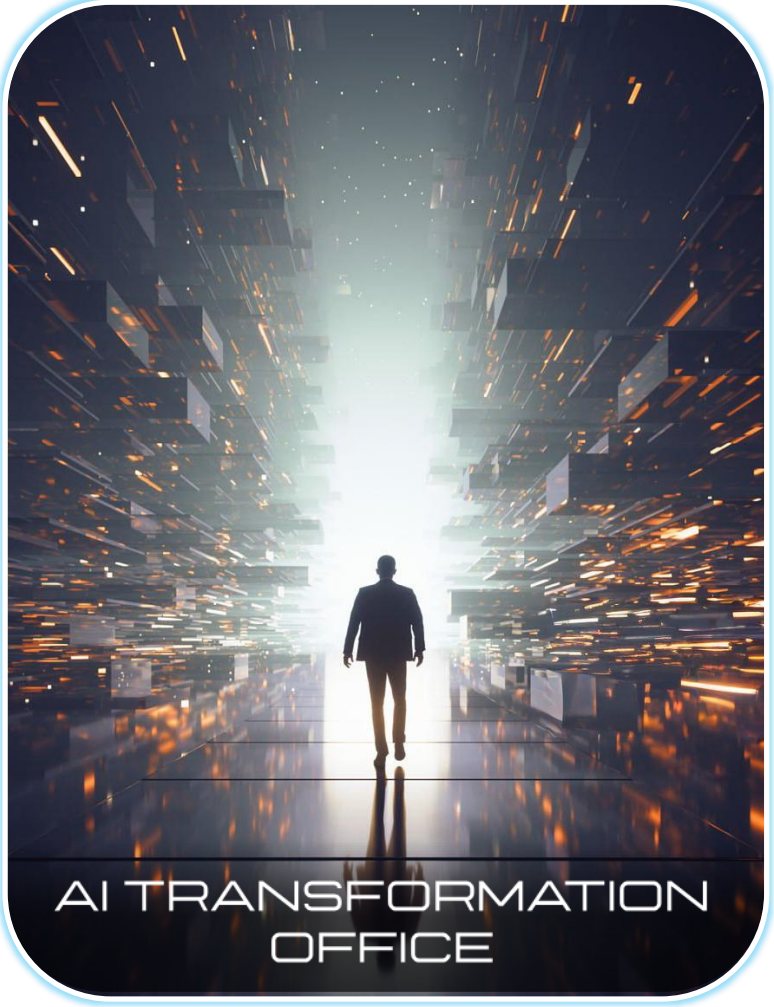

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CHIEF TRANSFORMATION OFFICE

LEADERSHIP TEAM

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FUTURE CXO SUITE SUPPORTING CEO

- Changing Dynamics Require a Reviewed Perspective of DATA

Is the CXO team ready for The New Era?

Chief Compliance Officer

Chief Data Officer

Chief AI Officer

Chief Technology Officer

AI TEAM

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Chief Experience Officer

AI Product Manager