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for
Research, Innovation
and Technology



RESEARCH
& INNOVATION
FOUNDATION

Cyprus Business Group Third Annual Networking Event

Demetris Skourides

Chief Scientist of the Republic of Cyprus

Chair of the National AI Taskforce

Building the Future of Business





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Disclaimer

The content is not intended to influence strategy, implementation nor reflects an approved strategic direction for national ai adoptiong. Best practices reflect lessons learned and explored from worlds most advanced nations who have implemented smart government initiatives and also EU success stories.



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More Work!
More Complexity!
More Regulations!
More Silos!
More Data!
Less Time!



BUSINESS MODEL COMPETITIVENESS



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SOLUTION LEADERSHIP

Uber



Data is the New Oil

AI is the New Energy

OPERATIONAL EXCELLENCE

INFORMATION EXCELLENCE

CUSTOMER INTIMACY

COLLECTIVE INTIMACY



THE PLATFORM ECONOMY

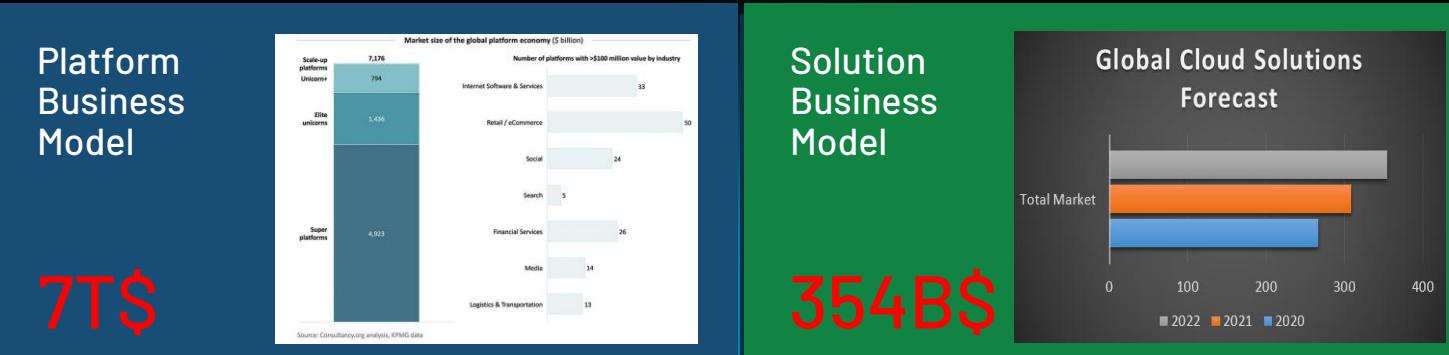


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Inclusiveness of transaction



Customization of Offering

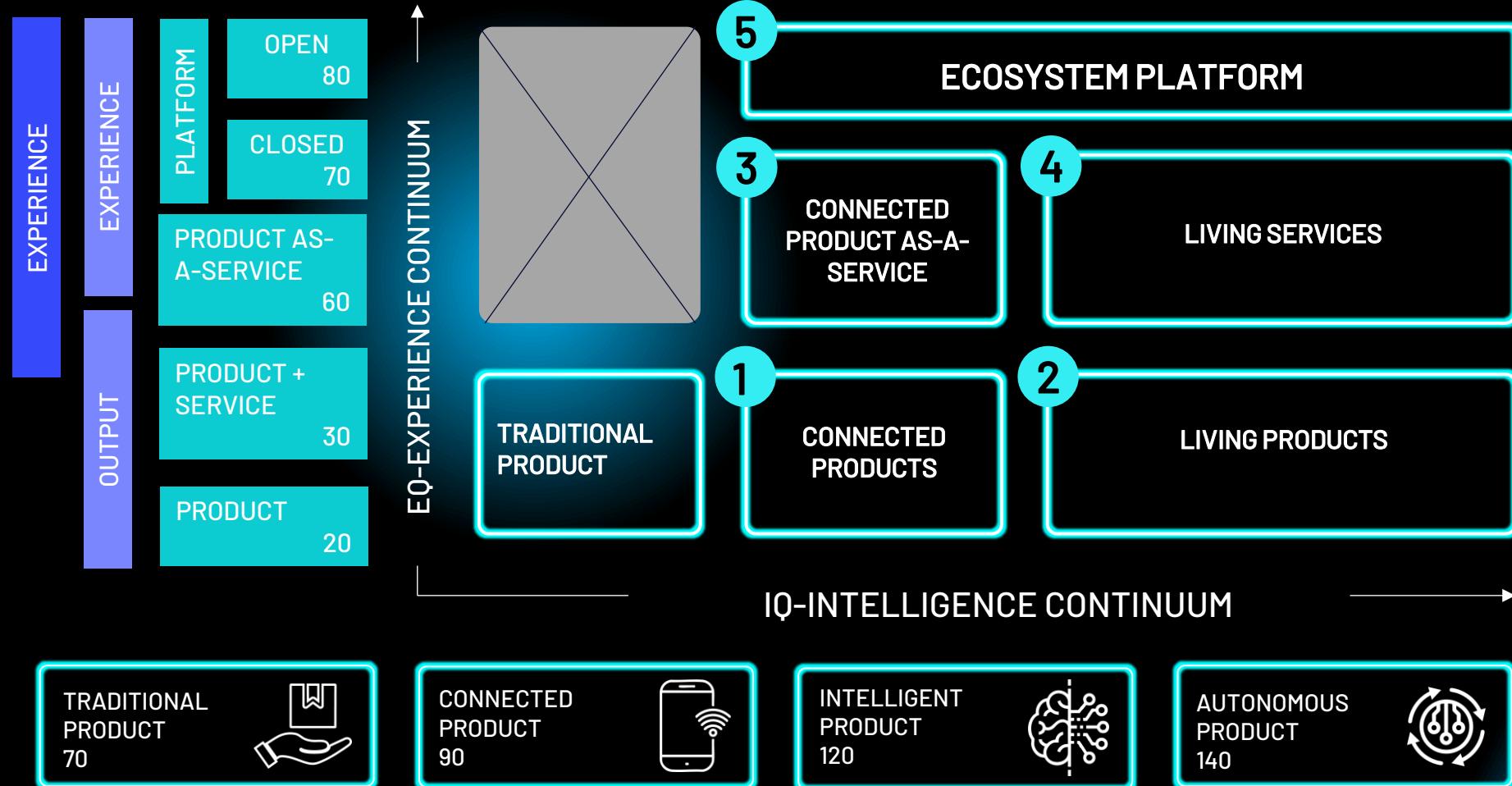
THE PRODUCT REINVENTION GRID

Experience Quotient (EQ)

measures the degree of sophistication achieved in terms of services levels.

Intelligence Quotient (IQ)

measures product's degree of technical sophistication



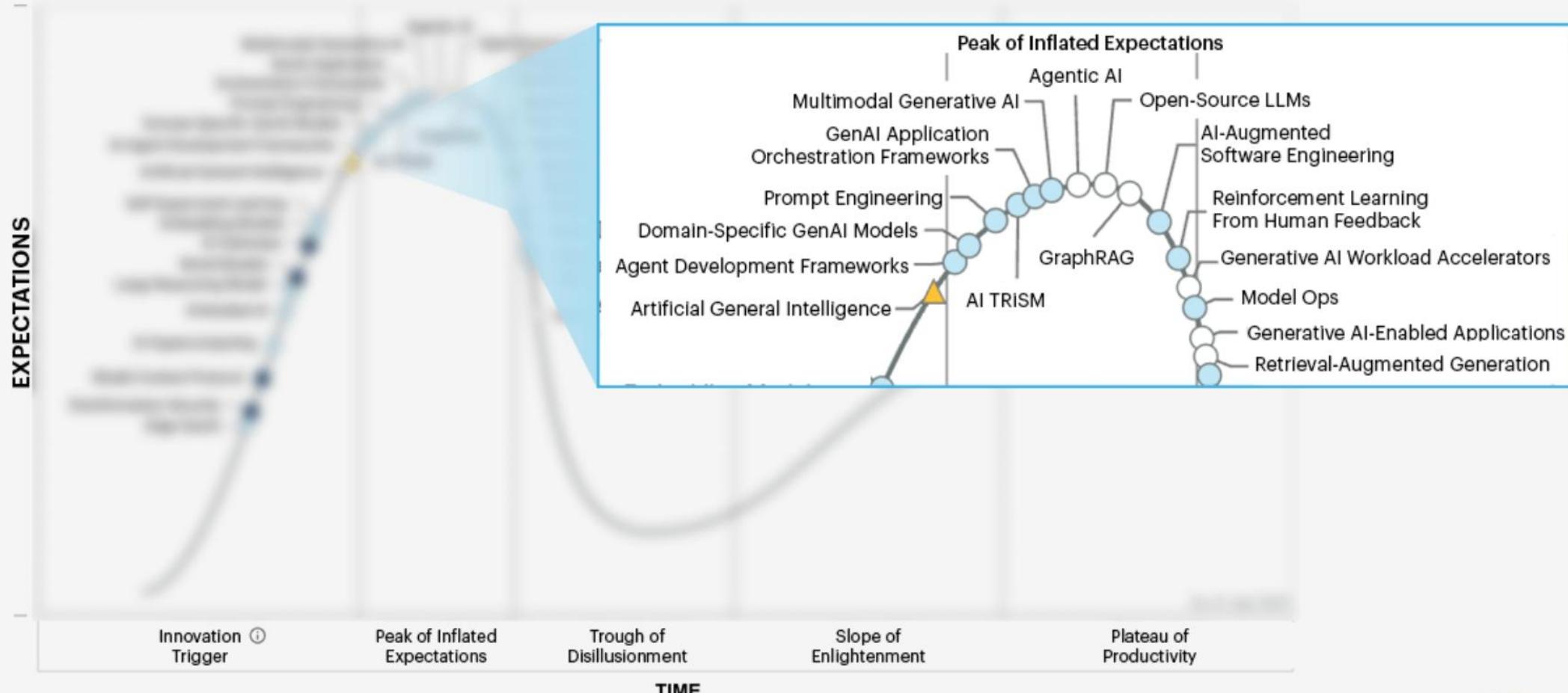
HYPE CYCLE FOR GENERATIVE AI, 2025



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Plateau will be reached: ○ < 2 yrs. ● 2-5 yrs. ● 5-10 yrs. ▲ >10 yrs.



Source: Gartner

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Gartner

CURRENT ECONOMIC FOUNDATION



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€32.5B

GDP (2024)

With 3.4% real growth

86.8%

Services

€27.21B - Highest in EU

11.4%

ICT

€3.09B - 2nd in EU27, 347% growth
(2015-2024)

Sector	GDP Contribution	Value
Financial Services	10.1%	€2.8B
Professional Services	7.3%	€2.02B
Maritime	~7%	€1.034B
Manufacturing	4-5.2%	€1.42B

Employment: 516,127 persons, 4.5% unemployment (15-year low)

Digital Infrastructure: 100% coverage, 77.1% fiber-to-home



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CYPRUS NATIONAL AI TASKFORCE

5 Working Groups



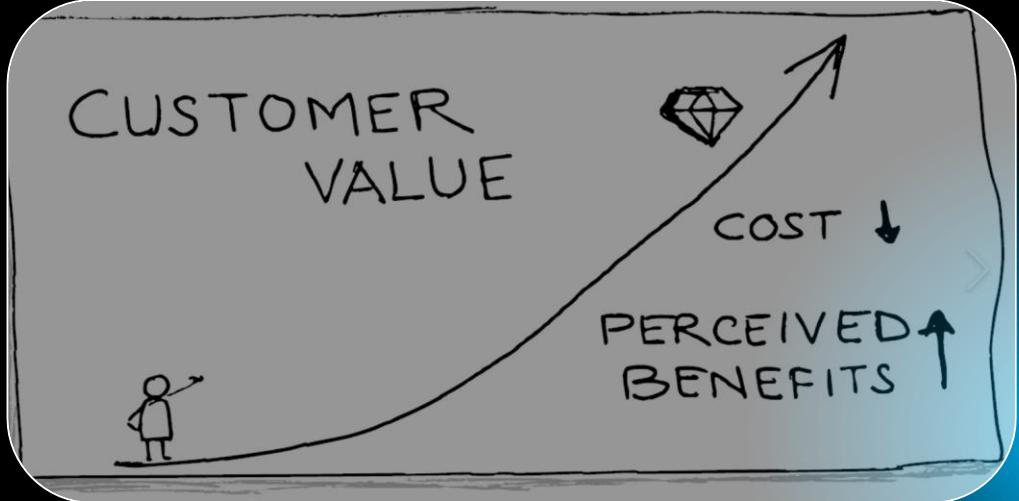
CYPRUS 2030?



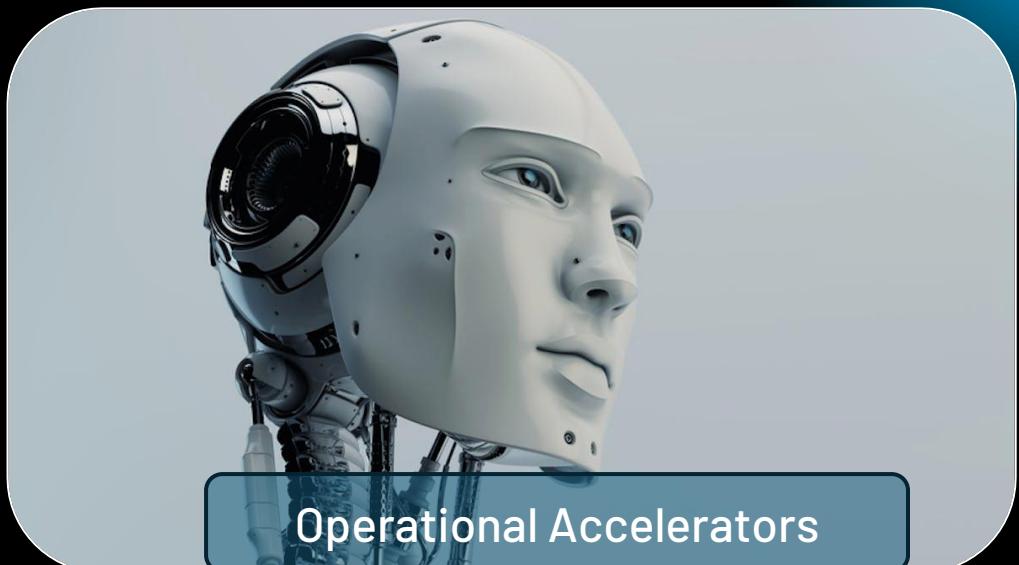
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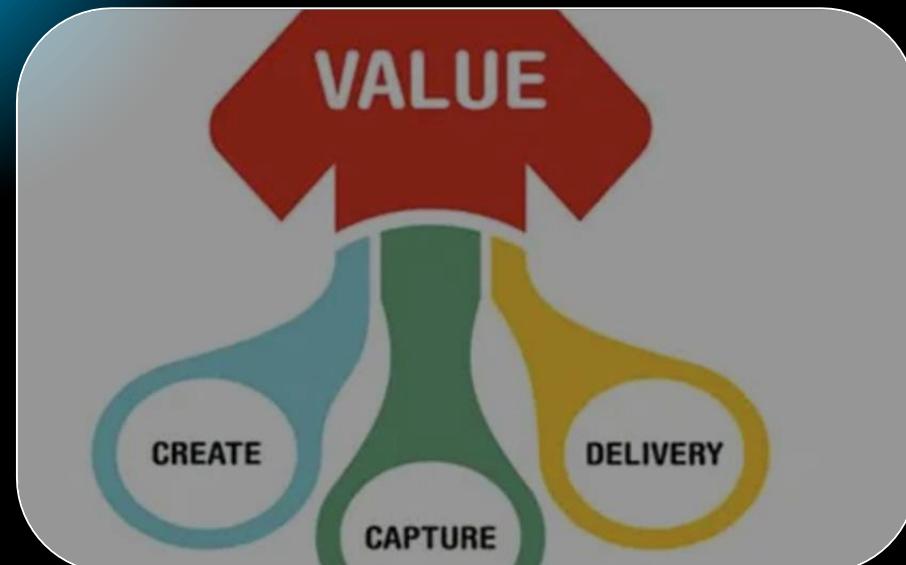
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Customer & Citizen CX



Operational Accelerators





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AI IN RESEARCH

6+ Themes



NEXT GEN
FOUNDATIONS



AUTONOMOUS
TECHNOLOGY



AI IN
HEALTHCARE/VHT

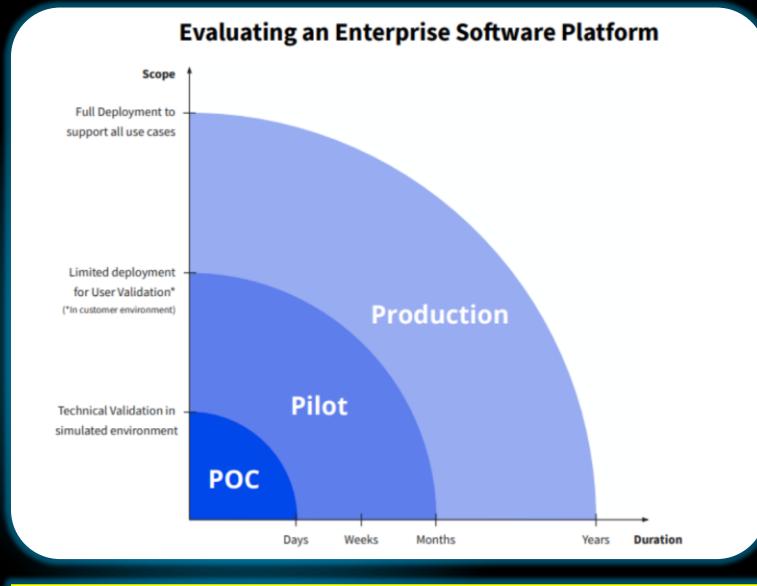
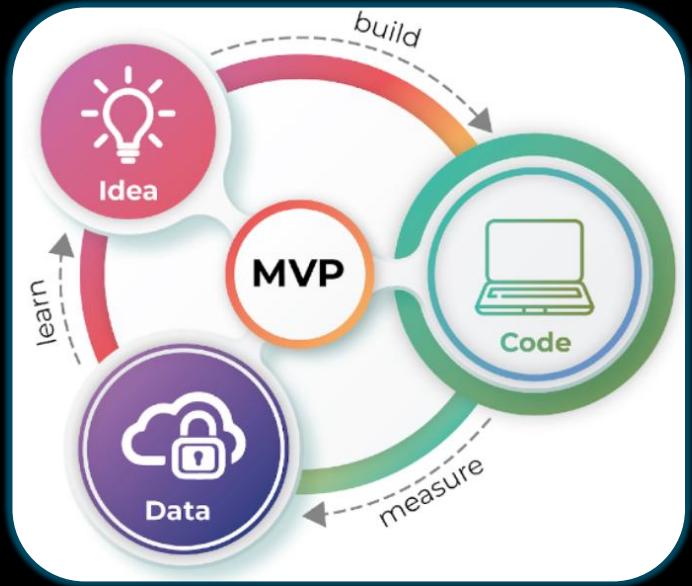


SECURITY / SPACE
& DEFENCE



ENERGY ENVIRONMENT & RESOURCE
MANAGEMENT

AI 4 GOVERNMENT CHALLENGE PROGRAMME - CYPRUS



9 months

27 months



DEPUTY MINISTRY OF
RESEARCH, INNOVATION
AND DIGITAL POLICY
REPUBLIC OF CYPRUS



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Government Challenges



Early Warning Meteorological Decision System



Student-Professional Skills analysis and policy system



Early Warning System for Disaster Management

UNDERSTANDING AI USE-CASES



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Conversational AI
Cognitive AI



Document Processing
and Automation



Actionable Analytics
Evidence based policy
making



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AI IMPACTS EVERYONE

Requires Change of Leadership, Organizational, Personal Mindset
Re-skilling & Up skilling required





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CITIZENS WITH
DISABILITIES



CXO



PUBLIC SERVANTS



PENSIONERS



SENIOR LEADERS IN LOCAL
GOVERNMENT



AI BEST PRACTICES IN GOVERNMENT

GLOBAL BEST PRACTICES

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.





Everyone Knows How To AI



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