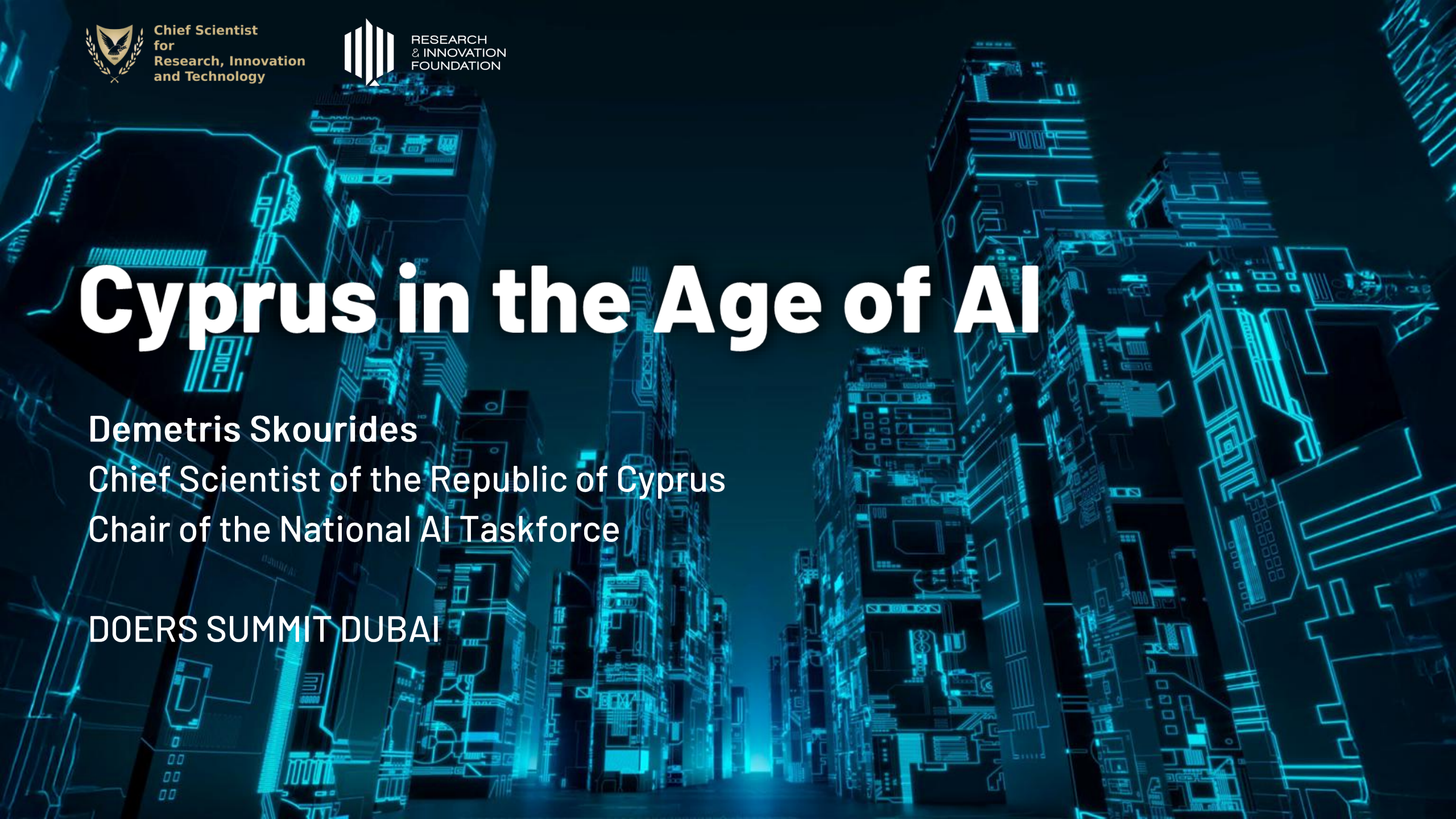
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for
Research, Innovation
and Technology
RESEARCH
& INNOVATION
FOUNDATION
Cyprus in the Age of AI
Demetris Skourides
Chief Scientist of the Republic of Cyprus
Chair of the National AI Taskforce
DOERS SUMMIT DUBAI

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Disclaimer

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

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CYPRUS AI VISION 2030

Strategic AI Hub

Transform Cyprus into a balanced AI hub within the EU, leveraging existing strengths while addressing infrastructure constraints

Economic Impact

Create 5,000+ high-skilled AI positions, following successful models from Estonia, Singapore, and Malta

Strategic Approach

Develop selective domestic AI capabilities where strategically essential, leverage existing computational assets, focus on high-value specialization, and maintain meaningful participation in AI value chains

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

AI CHANGES EVERYTHING

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"AI is democratizing access to knowledge, insight, and in many cases expertise disrupting the traditional learning curve and creating new opportunities, and risks we have not considered preparing for before." **Demetris Skourides, Chief Scientist of Republic of Cyprus and Chairman of AI National Taskforce**

*"**AI** is **democratizing** access to specialized **knowledge** and expertise. In the past, gaining proficiency in a particular field often required expensive education or mentorship from industry insiders."* Mark Pittman Forbes Technology Council

AI CHANGES EVERYTHING

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Democratized Generative AI

Users

Business users will have ubiquitous access to knowledge and technical skills that wasn't possible before, heralding a new wave of productivity.

Technology

The confluence of cloud and open source will make generative AI more democratized in the future beyond the purview of large technology giants.

Governance

This unfettered access to knowledge and skills must be underpinned by a strong focus on governance and responsible AI practices.

New Regulations and Self-Governance

Workforce Productivity

Every Business Will Be an AI Business

HYPE CYCLE FOR GENERATIVE AI, 2025

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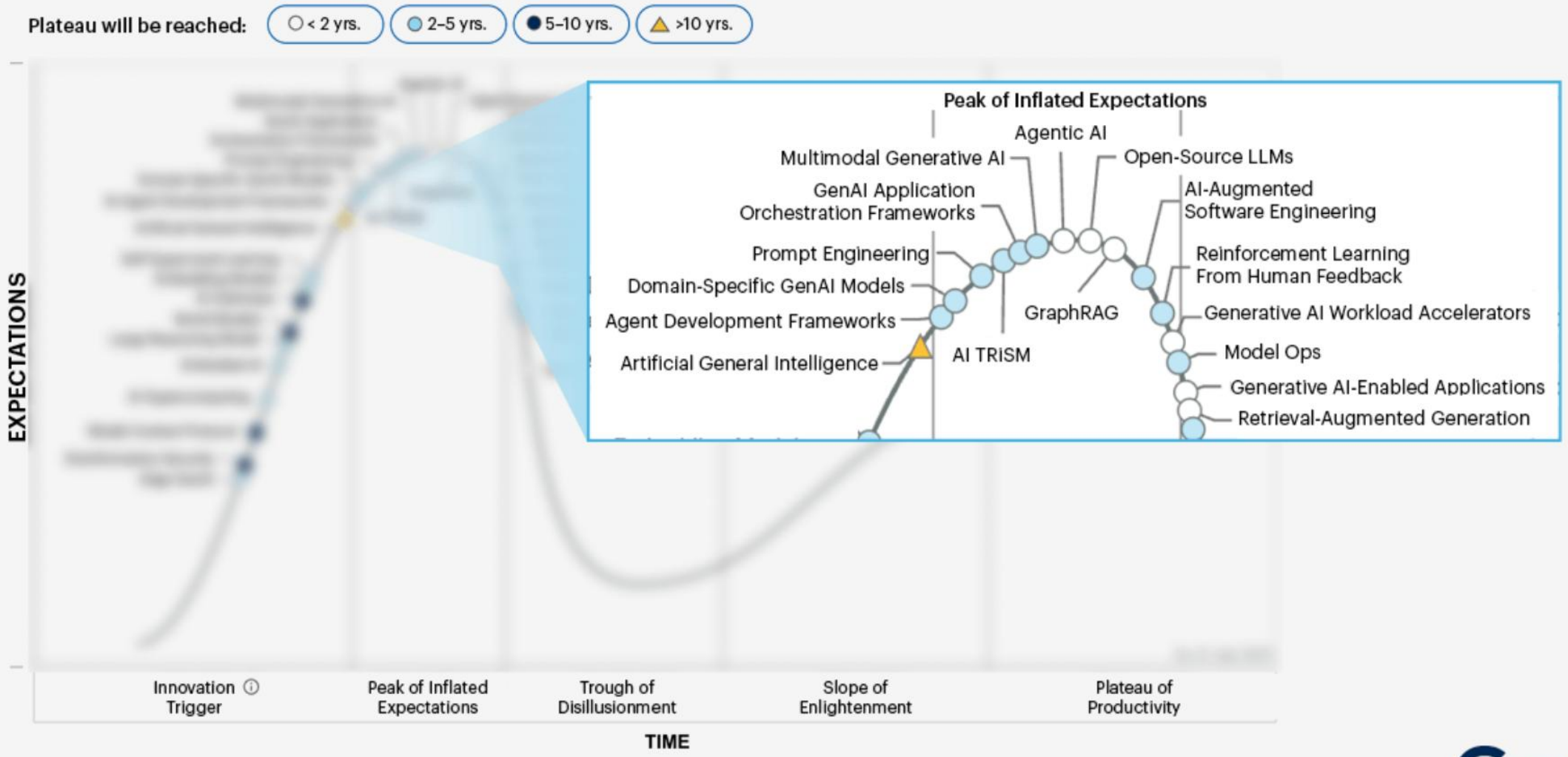

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CURRENT ECONOMIC FOUNDATION

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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

WHAT'S HAPPENING

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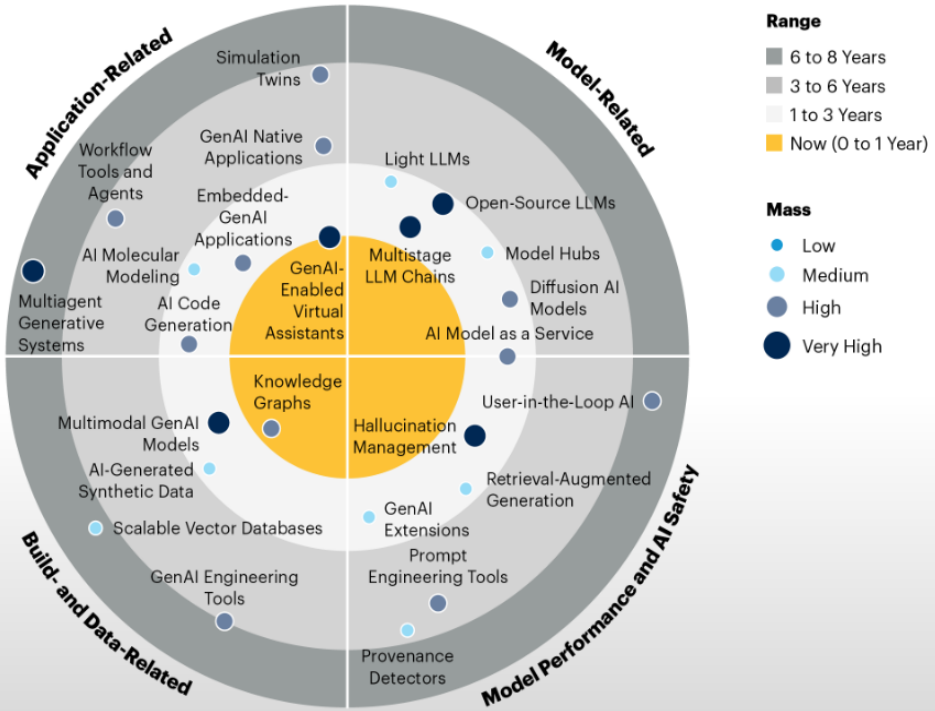
Impact Radar for Generative AI



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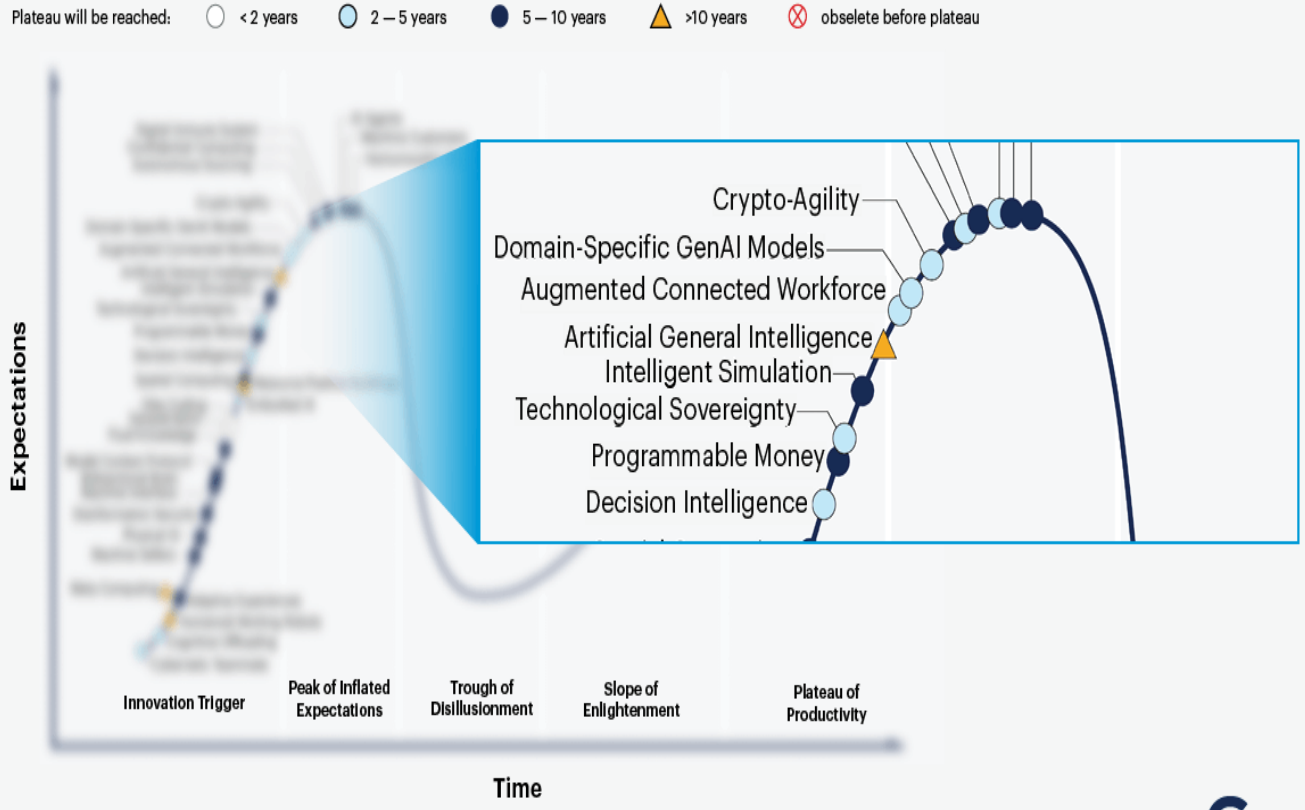
Hype Cycle of Emerging Technologies, 2025



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DIGITAL EATS SOFTWARE

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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

EXPERIENCE

EXPERIENCE

OUTPUT

PLATFORM

OPEN 80

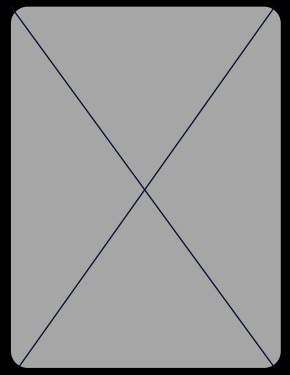
CLOSED 70

PRODUCT AS-A-SERVICE 60

PRODUCT + SERVICE 30

PRODUCT 20

EQ-EXPERIENCE CONTINUUM



5 ECOSYSTEM PLATFORM

3 CONNECTED PRODUCT AS-A-SERVICE

4 LIVING SERVICES

TRADITIONAL PRODUCT

1 CONNECTED PRODUCTS

2 LIVING PRODUCTS

IQ-INTELLIGENCE CONTINUUM

TRADITIONAL PRODUCT 70

CONNECTED PRODUCT 90

INTELLIGENT PRODUCT 120

AUTONOMOUS PRODUCT 140

CYPRUS 2030?

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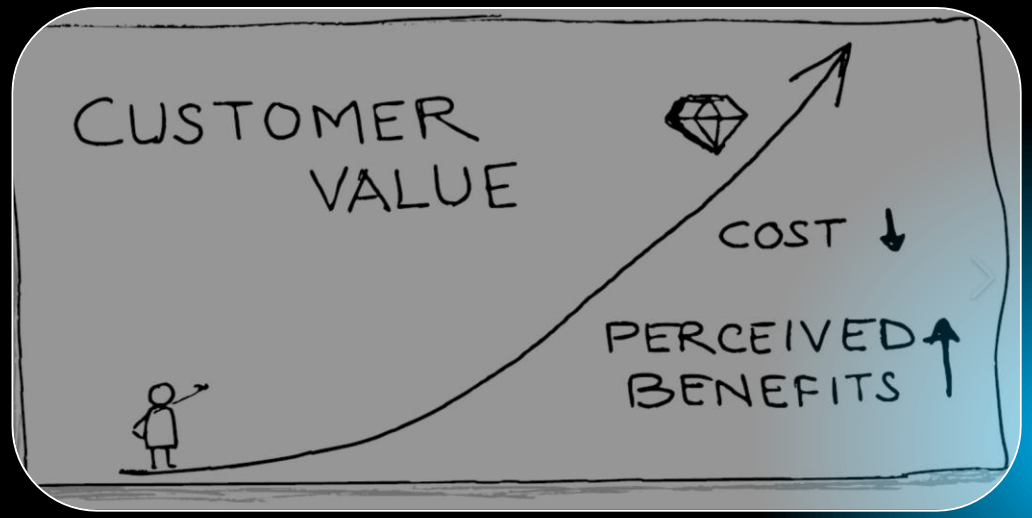

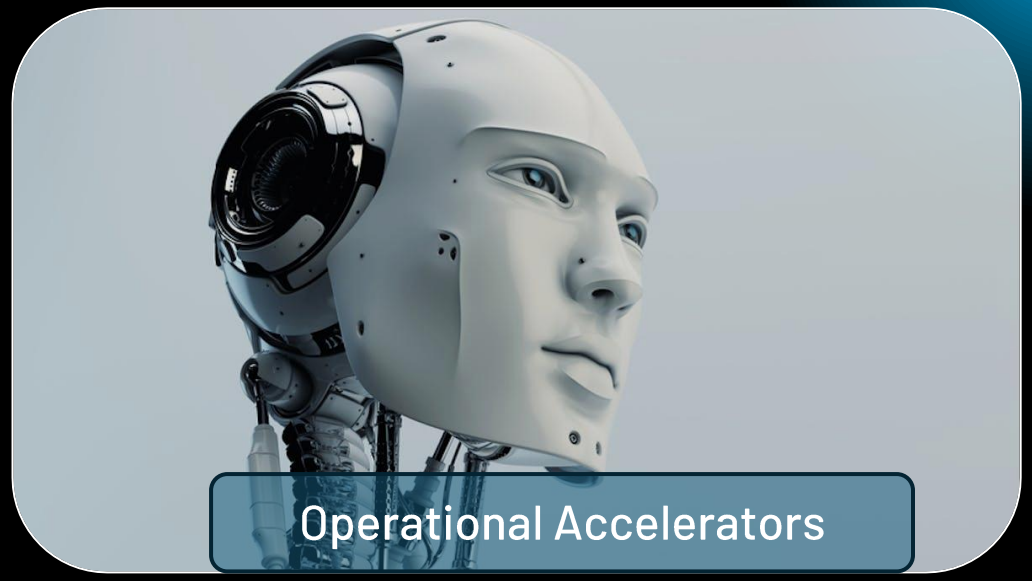

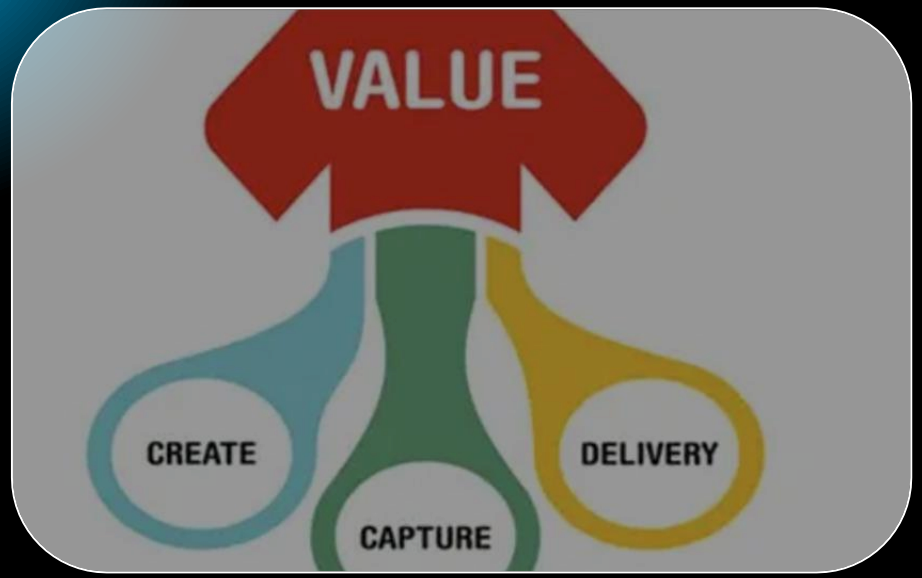

DIGITAL CITIZEN APP

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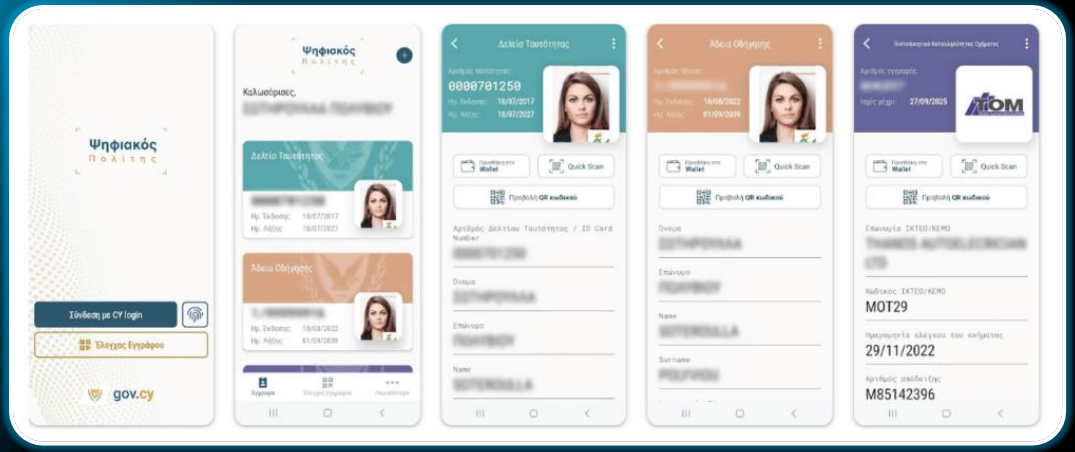
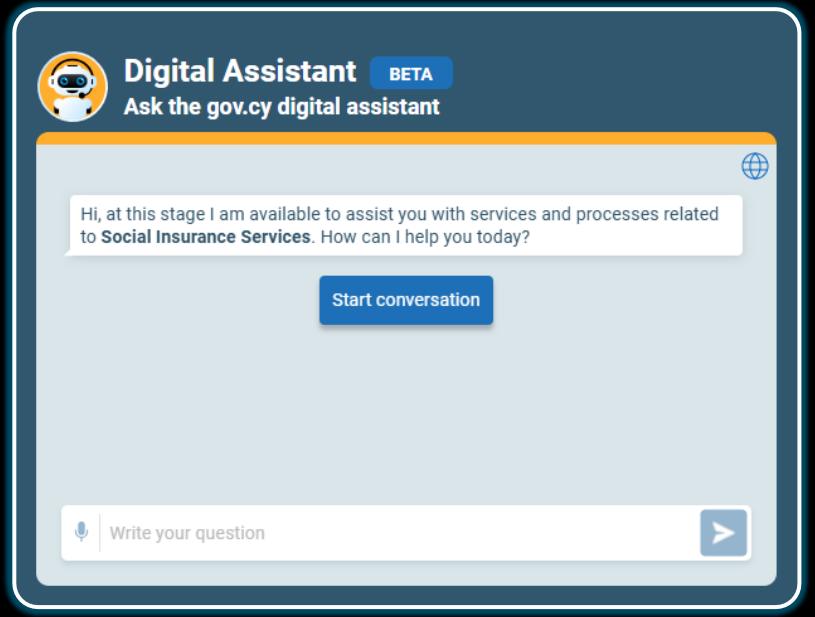


Cyprus is entering a new era of digital governance, giving every citizen seamless access to 430+ public services through a single, integrated digital ecosystem.

DIGITAL ASSISTANT



Core Digital Documents

- Digital ID
- Digital Driving Licence
- Digital Vehicle Documents
- Digital Fan Card
- Birth, Death, Marriage Certificates
- Passport / ID Renewal Applications

Citizen Services via gov.cy / Digital Assistant

- Social Insurance Services
- Welfare Benefits
- Vehicle Recalls & Transport Information
- eID / eSignature Support
- Education & Family
- Residency & Civil Registry Certificates

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CYPRUS NATIONAL AI TASKFORCE

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AI IN RESEARCH

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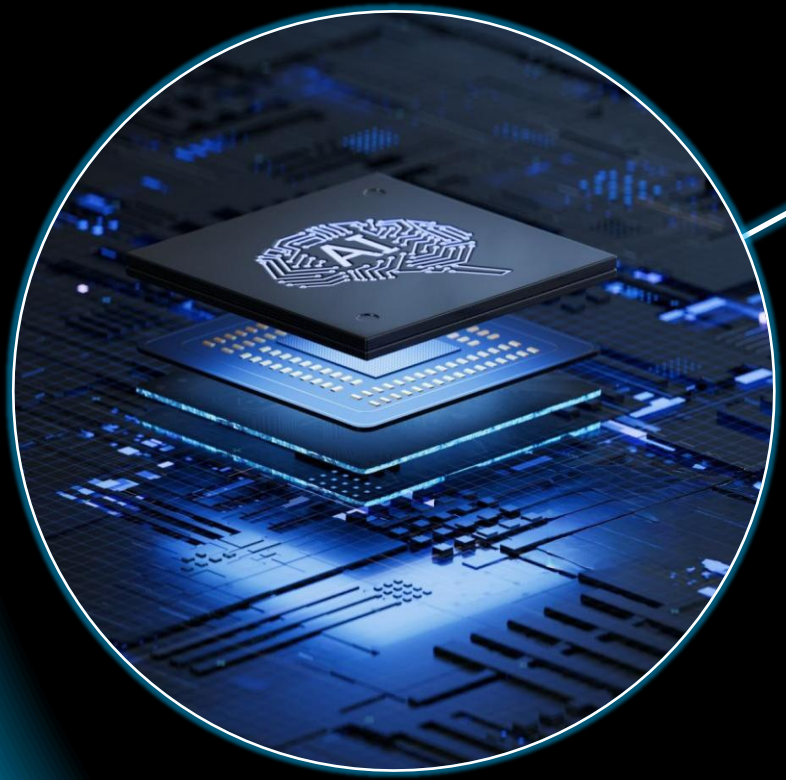
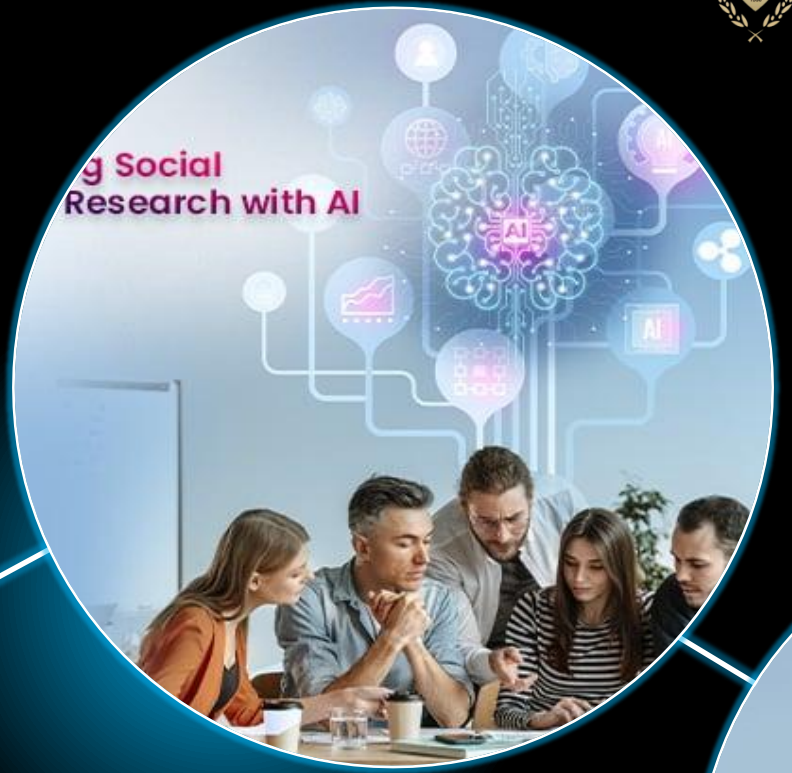
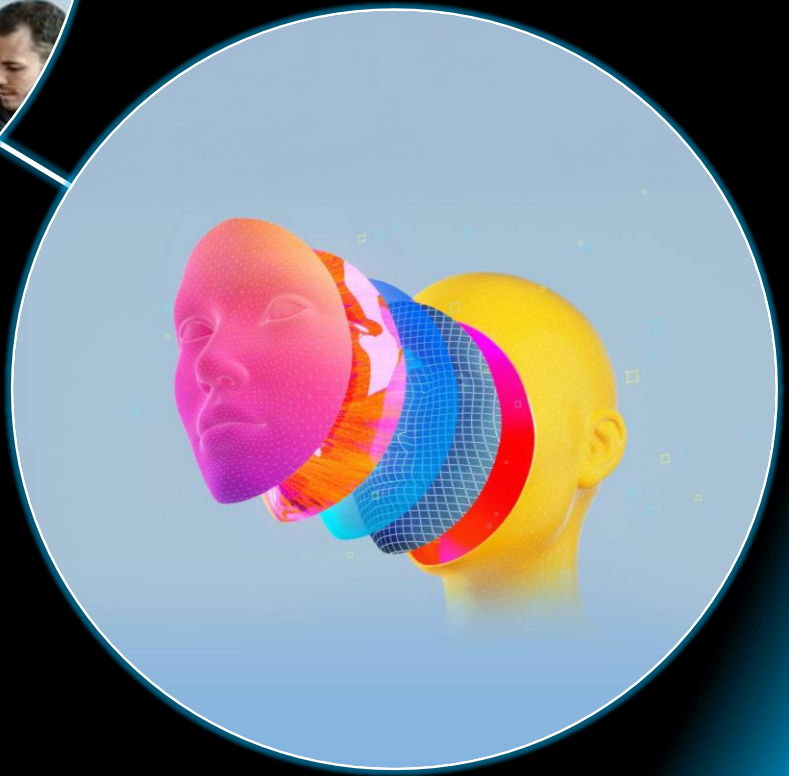
AI IN RESEARCH







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CENTRES OF EXCELLENCE: AI FOCUS

BIOBANK

Biobanking & Biomedical Research, Genetic Diseases, Molecular Medicine

KOIOS

Monitoring, Control, Security & Management of Critical Infrastructures

ERATOSTHENIS

Earth Observation, space technology and Geospatial Information

CYENS

Visual Sciences, Human Factors & Design, Communications and Artificial Intelligence

EMME-CARE

Climate & Environmental Research with a regional focus

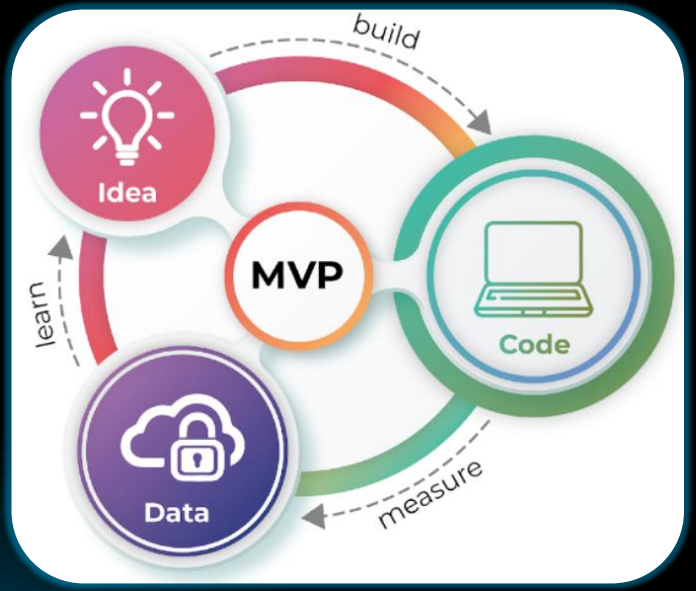
CMMI

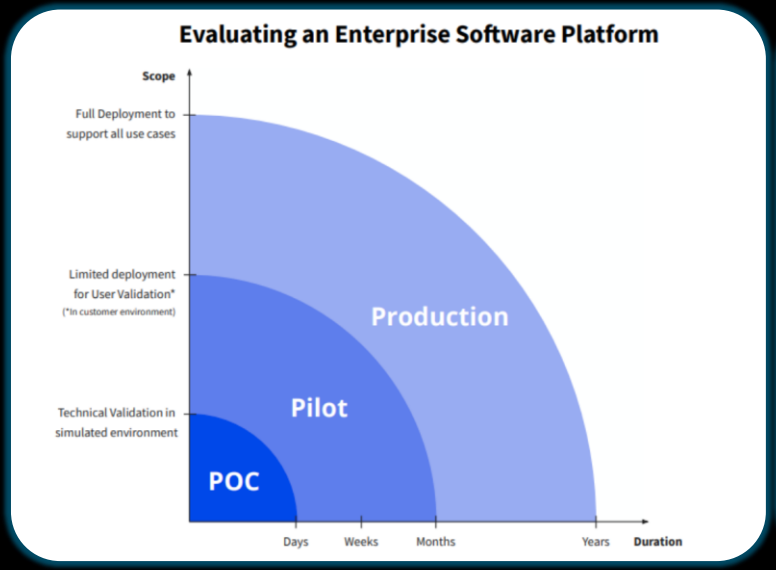
Marine technology, marine sciences, marine social sciences

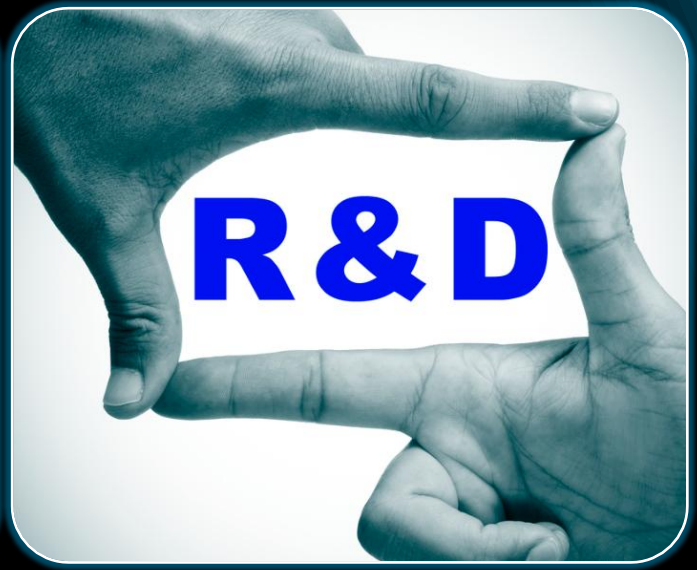
PHAETHON

Intelligent, efficient and sustainable energy solutions

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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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

THE AI OPPORTUNITY RADAR POPULATED WITH HUMAN SERVICES INDUSTRY USE CASES

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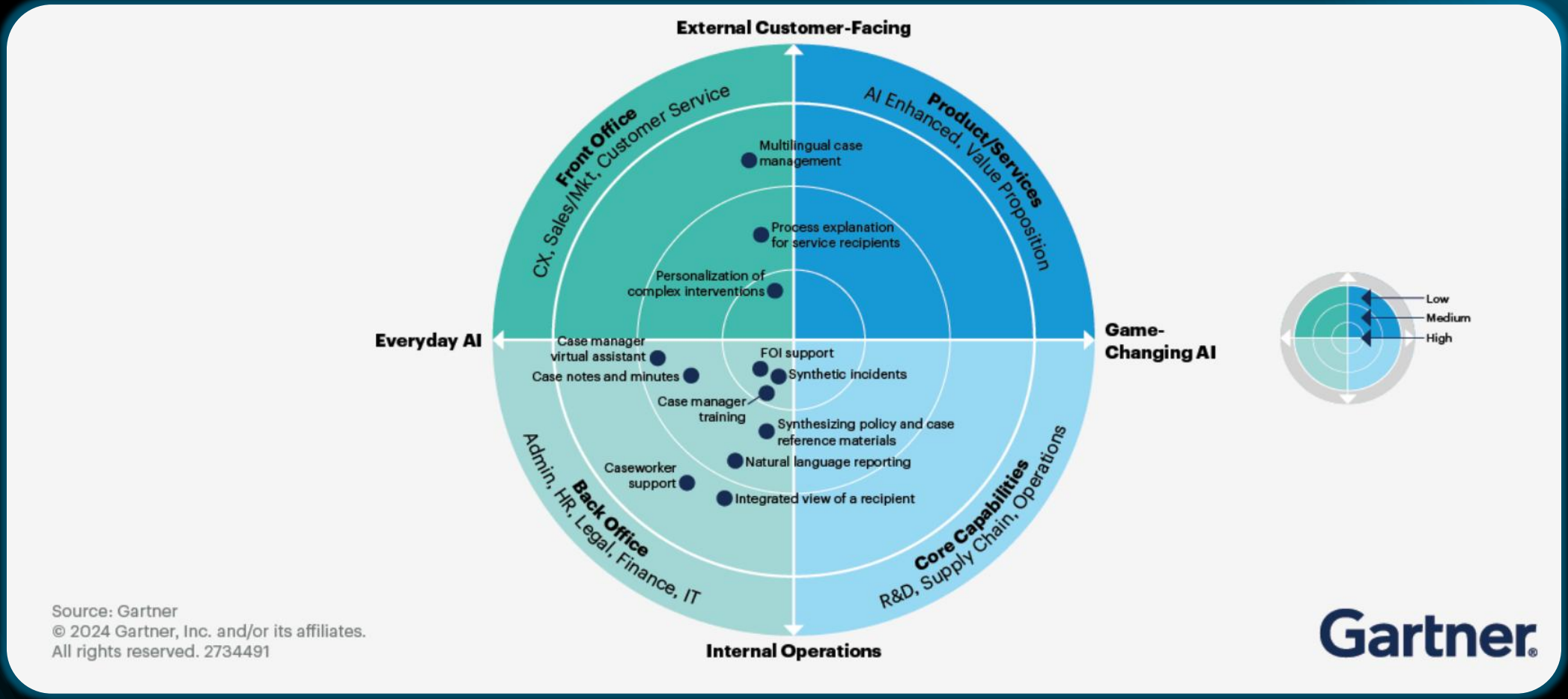

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RETHINKING SMART GOVERNMENT SERVICES

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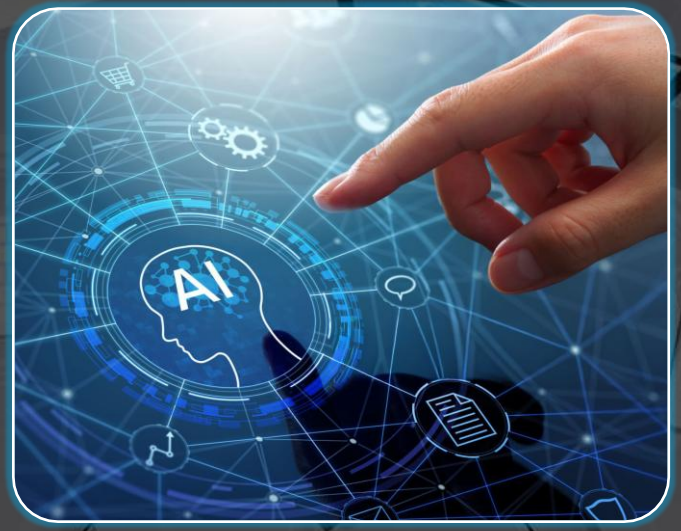
UNDERSTANDING AI USE-CASES

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

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AI IMPACTS 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

Investing in Continuous training ro raise awareness of private helps public sector with AI advancements and encourage responsible innovation and oversight.

FEARLESS FUTURE

BY DEMETRIS SKOURIDES.

CHIEF SCIENTIST OF THE REPUBLIC OF CYPRUS
VISIONARY, FUTURIST, LUMINARY THINKER.

Strategy, Innovation & Human-Centric Leadership in the Age of AI.

AI MUST SERVE HUMANITY

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