



Chief Scientist  
for  
Research, Innovation  
and Technology



RESEARCH  
& INNOVATION  
FOUNDATION

# Building Cyprus's AI Future: From Vision to National Framework

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Chair of the National AI Strategy  
Nicosia Cyprus

# AI ADOPTION. BUILDING A SMARTER, STRONGER CYPRUS.



The work presented serves to provide a high level briefing of the direction of travel prior to the National Ai Strategy consultation and may be subject to change by the Deputy Ministry of Digital Policy Research and Innovation.



The work is a product of the National Ai Taskforce with Input and contribution from Stakeholders.



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DEPUTY MINISTRY OF  
RESEARCH, INNOVATION  
AND DIGITAL POLICY

## OUR ENABLING FOUNDATIONS. OUR DIGITAL FUTURE.

STRATEGIC ENABLERS LED BY THE DEPUTY MINISTRY OF DIGITAL POLICY,  
RESEARCH AND INNOVATION (CUSTODIAN)



### CLOUD POLICY

Secure, flexible and interoperable cloud infrastructure to power innovation and public value.



**LEAD:**  
DEPUTY MINISTRY OF  
DIGITAL POLICY,  
RESEARCH AND  
INNOVATION  
(CUSTODIAN)



### DATA STRATEGY

Unlocking the value of data through availability, quality and responsible use.



**LEAD:**  
DEPUTY MINISTRY OF  
DIGITAL POLICY,  
RESEARCH AND  
INNOVATION  
(CUSTODIAN)



### DATA GOVERNANCE

Trusted, ethical and compliant data management that builds trust and accountability.



**LEAD:**  
DEPUTY MINISTRY OF  
DIGITAL POLICY,  
RESEARCH AND  
INNOVATION  
(CUSTODIAN)



### DIGITAL STRATEGY

Integrated digital transformation driving a modern, resilient and human-centric public sector.



**LEAD:**  
DEPUTY MINISTRY OF  
DIGITAL POLICY,  
RESEARCH AND  
INNOVATION  
(CUSTODIAN)



**DEPUTY MINISTRY OF DIGITAL POLICY,  
RESEARCH AND INNOVATION  
(CUSTODIAN)**

LEADING THE ENABLERS. DELIVERING THE FUTURE.

### NOTIFYING AUTHORITIES



### COMMISSIONER OF DATA PROTECTION

Safeguarding personal data and privacy rights.



### COMMISSIONER OF ELECTRONIC COMMUNICATIONS

Ensuring secure, reliable and competitive digital communications.



**COLLABORATING TODAY. EMPOWERING TOMORROW.** TOGETHER, WE WILL TURN POLICY INTO IMPACT AND AI INTO OPPORTUNITY.

# CYPRUS ECONOMY AT A CROSSROADS

THE AI DISRUPTION CHALLENGE



**HIGH  
EXPOSURE  
ECONOMY**



**AI WILL NOT DISRUPT THE EDGES OF CYPRUS'S ECONOMY —  
IT WILL REDEFINE ITS CORE.**

SERVICE-LED ECONOMIES FACE EXPONENTIAL EXPOSURE TO AUTOMATION,  
AUGMENTATION, AND GLOBAL DIGITAL COMPETITION.



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and Technology

Source: Cystat (2023) – GDP by Economic Activity

# The National AI Strategy aims to:



## 1. Intelligent Public Services

Empower citizens, businesses, and public servants to interact with government through intelligent, secure, and personalized services.



## 2. Productivity & Competitiveness

Accelerate productivity and agility across high-impact sectors, starting with priority sectors that drive GDP and competitiveness, and then expanding adoption across the wider economy through staged delivery.



## 3. AI Ecosystem & Scale

Develop a vibrant ecosystem of startups, researchers, and global partners that can build and scale AI products from Cyprus to the EU and beyond.



## 5. Inclusion & Lifelong Learning

Promote digital inclusion and lifelong learning so that all communities can benefit from AI adoption, including citizens with disabilities and residents.

## 4. Ethics, Governance & Trust

Embed ethical governance, transparency, and trust in AI systems through EU AI Act alignment and robust national safeguards.



**Building a trusted, inclusive, and globally competitive AI future.**

# STRATEGIC OBJECTIVES



CYPRUS NATIONAL AI STRATEGY  
THE INTEGRATED FRAMEWORK

Strategy core objectives



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RESEARCH, INNOVATION  
AND DIGITAL POLICY

# CYPRUS AI VISION

AI AS AN ACCELERATOR FOR AN INTELLIGENT, SOVEREIGN, PROSPEROUS AND RESILIENT CYPRUS

1

## AI SOVEREIGNTY LEVERAGING PARTNERSHIPS

Cyprus controls all critical layers, including sovereign compute, governed access to high-value data, core skills, and national AI assurance, while using partnerships to reach scale where Cyprus cannot compete alone.



STRATEGIC  
PARTNERSHIPS



GLOBAL SCALE  
LOCAL CONTROL

3

## HUMAN-CENTERED AI

Where systems augment human performance, preserving human agency.



AUGMENT  
NOT REPLACE



PRESERVE  
HUMAN AGENCY



EMPOWER  
PEOPLE

2

## DUAL STRATEGY

### FOCUS



Concentrating effort where AI moves productivity and GDP fastest.

### DIFFERENTIATION



Building sovereign capabilities that make Cyprus a fast, credible, EU-aligned route to market.



SOVEREIGN. CREDIBLE. EU-ALIGNED.  
A FAST ROUTE TO MARKET.

4

## AI AS AN ENABLING TECHNOLOGY FOR GROWTH AND RESILIENCE



DRIVE  
PRODUCTIVITY



FUEL  
INNOVATION



STRENGTHEN  
RESILIENCE



BUILD A FUTURE-  
READY ECONOMY

5

## TRUSTWORTHY AI

AI is implemented and operated in compliance with Responsible AI practices.



- ✓ SAFE AND SECURE
- ✓ FAIR AND INCLUSIVE
- ✓ TRANSPARENT AND EXPLAINABLE
- ✓ ACCOUNTABLE AND AUDITABLE
- ✓ PRIVACY-PRESERVING
- ✓ COMPLIANT AND EU-ALIGNED



MADE IN CYPRUS.  
TRUSTED BY EUROPE.



SOVEREIGN BY DESIGN.  
GLOBAL IN IMPACT.



BUILT ON TRUST.  
DRIVEN BY TALENT.



EUROPEAN BY CHOICE.  
GLOBAL BY AMBITION.



AI FOR PEOPLE.  
AI FOR CYPRUS.

# WHY CYPRUS AI IS HUMAN-CENTRIC IN PRACTICE

*Not as a slogan. As a delivery model built around people, rights, and accountability.*



## 1. HUMAN OVERSIGHT

High-impact and citizen-facing AI systems preserve human agency and include human-in-the-loop oversight.



## 2. RIGHTS & REDRESS

Citizens retain rights to explainability, contestation, and human review in sensitive areas such as health and social benefits.



## 3. COMPLIANCE BY DESIGN

The strategy embeds EU AI Act alignment, GDPR, security, and ethical safeguards from design and procurement to deployment and monitoring.



## 4. INCLUSION & SKILLS

AI adoption is paired with lifelong learning, accessibility, and skills development so all communities can benefit, including people with disabilities.



TECHNOLOGY SERVES PEOPLE.  
PEOPLE SHAPE CYPRUS.



## 5. VALUE BEFORE SCALE

AI initiatives are chosen for measurable public value. Pilots scale only when they prove usefulness, trust, and real benefit for citizens.

### INSTITUTIONAL MECHANISMS THAT MAKE IT REAL



AI Officers  
in Ministries



Government  
Innovation Hub



National Ethics &  
Values Committee



National AI Skills  
Observatory

**Human-centric AI in Cyprus means augmenting people, protecting rights,  
and governing technology with accountability.**

# Complying with the EU AI Act

Turning governance into a commercialization advantage  
for high-risk AI systems



Trust



Privacy



Security



Risk



Quality



Accountability



Ethics

## EU AI ACT



Risk-based regulation,  
transparency, accountability  
and human oversight

## GOVERNANCE BY DESIGN



Security, privacy, data quality,  
documentation, monitoring  
and operational controls

## GLOBAL SCALING ADVANTAGE



Companies that comply early  
can enter non-EU markets  
faster and scale at lower  
marginal compliance cost

## INDUSTRY-SPECIFIC SANDBOX ENVIRONMENT



Controlled testing environments  
for sector use cases,  
experimentation, validation  
and safe deployment



## TRUSTED REGIONAL HUB

Build trust once. Reuse governance systems across markets. Commercialize responsible AI faster.

A trusted AI future requires governance by design.



Chief Scientist for  
Research, Innovation  
and Technology

# CYPRUS NATIONAL AI STRATEGY 2032

## EDUCATION & WORKPLACE EDUCATION / HUMAN CAPITAL DEVELOPMENT

### ONE-PAGE SUMMARY OF RECOMMENDED INNOVATIONS & PROGRAMMES



#### STRATEGIC AMBITION

Position Cyprus as a leading European hub for AI in education by 2032. Deliver lifelong AI learning for every resident — from early primary school through higher education and the entire professional life — while raising AI adoption across education and the labour market from the current ~13% baseline to 75% by 2032.



AI AUGMENTS  
TEACHERS &  
WORKERS



HUMAN-CENTRED  
ETHICAL &  
INCLUSIVE



ALIGNED WITH  
EU AI ACT & EU  
FRAMEWORKS

#### CORE NATIONAL FRAMEWORKS

#### 1 CYPRUS AI LITERACY FRAMEWORK (CALF)

Clear learning outcomes across four age bands



AGES 6-8

Pattern recognition, rules, safe use under adult guidance



AGES 9-12

Basic data concepts, simple algorithms, early ethical language



AGES 13-15

Model basics, bias awareness, verification habits



AGES 16-18

Systems thinking, data rights, responsible experimentation

#### CLASSROOM-READY ASSESSMENT RUBRICS



KNOWLEDGE  
What students understand



SKILLS  
What students can do



ATTITUDES  
How students apply AI responsibly

Age-appropriate • Developmental • Observable • Assessment-aligned

#### 2 ETHICAL PEDAGOGICAL VALIDATION LAYER (EPVL)

Teacher-mediated interface that keeps AI a scaffold under teacher control



Contextualises AI outputs for classroom use



Checks age-appropriateness, cultural respect and curricular alignment



Maintains full audit trails and transparency



Ensures human judgement remains in control



TEACHER IN CONTROL.  
AI AS A SCAFFOLD,  
NOT A SUBSTITUTE.

#### 3 NATIONAL AI SKILLS OBSERVATORY (NASO)

Evidence & intelligence to inform policy, education and workforce decisions



Cyprus AI Skills Gap Atlas



Annual reports & real-time dashboards



Closed feedback loop between labor-market data, education enrolment and policy/budget decisions



Evidence-based planning for skills, training and investment

DATA + EVIDENCE → INSIGHT → ACTION → IMPACT



#### FLAGSHIP PROGRAMME – FutureAI CY

National workforce upskilling and reskilling programme delivering stackable micro-credentials (5-15 ECTS) mapped to the European Qualifications Framework (EQF).

#### SIX PRIORITY TIERS



1  
EXECUTIVE  
LEADERSHIP



2  
SENIOR  
LEADERSHIP



3  
SMEs in KEY  
SECTORS  
Finance, Healthcare,  
Tourism, Legal,  
Shipping/Maritime  
and more



4  
UNEMPLOYED  
GRADUATES



5  
UNDER-EMPLOYED  
YOUTH



6  
VULNERABLE /  
DISADVANTAGED  
CITIZENS



PILOT PHASE  
500-1,000 learners with independent evaluation



DELIVERY MIX  
Online modules + workshops + sandboxed exercises



SUPPORT MECHANISMS  
Learning vouchers, employer incentives, "Future Ready Enterprise" badge



PROGRESSION PATHWAYS  
Into advanced modules or internships and career opportunities

SKILLS TODAY.  
VALUE TOMORROW.  
A STRONGER CYPRUS.

MICRO-CREDENTIALS  
STACKABLE • PORTABLE •  
RECOGNISED ACROSS EUROPE



1. SCHOOL AI  
LITERACY &  
AWARENESS

National education programme for students and teachers.  
AI literacy for all from early years.



2. ADVANCED &  
SECTOR-SPECIFIC  
SKILLS TRAINING

AI engineers, data stewards, AI Officers and profession-specific pathways for doctors, lawyers, accountants, public servants, etc.



3. PUBLIC-SECTOR  
CAPABILITY  
BUILDING

Embedded AI Officers in ministries and targeted training in policy design, procurement, risk management and human-AI collaboration.



4. WORKFORCE  
AUGMENTATION  
& RESKILLING

Large-scale upskilling for the existing workforce across sectors and roles to raise productivity and adaptability.



5. ATTRACT & RETAIN  
INTERNATIONAL  
AI TALENT

Competitive ecosystem to attract, integrate and retain top global talent in AI research, innovation and applied solutions.



6. SOCRATIC AI  
INITIATIVE

AI tools that help students and professionals ask better questions, test assumptions and strengthen critical thinking.



7. HUMAN+ MODEL

AI augments rather than displaces clinicians, teachers and professionals. Human judgement and ethics remain at the centre.

#### KEY TARGETS BY 2032



3,000+

SKILLED AI PROFESSIONALS  
(engineers, data scientists, prompt engineers, certified specialists)



75%

AI ADOPTION IN EDUCATION & THE LABOUR MARKET  
(Rising from ~12% baseline to 75% by 2032)

#### GOVERNANCE & COLLABORATION



STEERING BOARD  
Co-chaired by the Deputy Ministry of Research, Innovation and Digital Policy and the Ministry of Education



PEDAGOGICAL & AI SAFETY COMMITTEE  
Ensures ethical, transparent and safe use of AI in education and the workplace



HUMAN RESOURCE DEVELOPMENT AUTHORITY (HRDA)  
Quality assurance of certificates, micro-credentials pool mapping



ECOSYSTEM PARTNERS  
Universities, schools, industry, professional bodies, research centres and civil society working together



AI FOR PEOPLE. WITH PEOPLE.  
Building a skilled, ethical and inclusive Cyprus.



CYPRUS: A EUROPEAN HUB  
FOR AI IN EDUCATION.



Prepared for Cyprus. For Europe. For the World.

**DS DEMETRIS SKOURIDES\***

Chief Scientists for Research, Innovation & Technology – National AI Strategist  
Chairman, Research & Innovation Foundation – Advisor to the Deputy Minister

Powered by Trust. Driven by AI. Delivered by People.

\*Demetris Skourides – Author, Contributor and Advisor

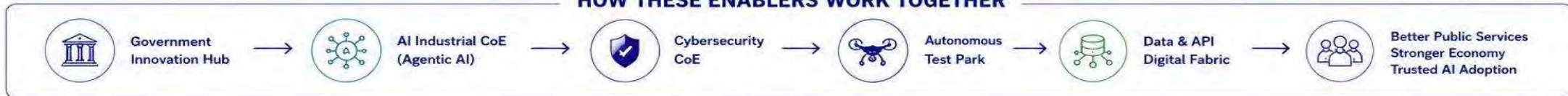
# CYPRUS NATIONAL AI STRATEGY 2032

## KEY NATIONAL ENABLERS & INNOVATION INFRASTRUCTURES

Catalysing innovation, accelerating adoption and ensuring trust, safety and sovereignty.



### HOW THESE ENABLERS WORK TOGETHER



### FOUNDATIONAL ENABLERS



### DELIVERING NATIONAL IMPACT



PEOPLE • PLANET • PROSPERITY

AI AUGMENTS PEOPLE.  
PEOPLE REMAIN IN CONTROL.



SHAPING A SMART, SECURE & SUSTAINABLE  
CYPRUS POWERED BY AI.



A SMART, SUSTAINABLE  
AND HOSPITABLE  
DESTINATION FOR ALL.

# High Industry Adoption of AI

AI is rapidly becoming a mainstream capability across the economy driving productivity, automation, intelligence and competitive advantage.



**AI adoption is scaling across every major industry**



Automation



Decision Intelligence



Personalization



Productivity



Optimization

From experimentation to enterprise-wide transformation.



AI Strategy phase 2 update

# CYPRUS BLUE INTELLIGENCE INITIATIVE

AI-POWERED • HUMAN-CENTRIC • SUSTAINABLE  
POSITIONING CYPRUS AS A TRUSTED GLOBAL HUB  
FOR INTELLIGENT MARITIME INNOVATION

Harnessing Artificial Intelligence and trusted data to drive a smarter,  
greener, safer and more competitive maritime future.  
From Cyprus to the world.

## FIVE PILLARS. ONE VISION.

1

### MARITIME AI REGULATORY SANDBOX



A controlled environment to test  
AI solutions for compliance,  
safety, emissions, autonomous  
operations and digital services.

- Faster innovation
- Reduced regulatory burden
- Stronger safety & oversight

2

### TRUSTED MARITIME DATA SPACE



Secure, interoperable and  
privacy-preserving data sharing  
across ships, ports, registries  
and maritime stakeholders.

- Data sovereignty
- Better decisions
- New value & services

3

### MARITIME AI SKILLS ACADEMY



Building the talent of today  
and tomorrow with AI-enabled  
education, professional training  
and seafarer upskilling.

- Future-ready workforce
- Human-in-the-loop culture
- Lifelong learning

4

### FLAG INNOVATION PROGRAMME



Empowering Cyprus-flagged ships  
and maritime companies to adopt  
AI for efficiency, compliance  
and sustainability.

- Operational excellence
- Lower emissions & costs
- Stronger Cyprus flag value

5

### INTERNATIONAL MARITIME AI PARTNERSHIPS



Collaborating globally on AI pilots,  
green corridors, cybersecurity,  
data initiatives and capacity  
building.

- Global impact
- Shared innovation
- Stronger diplomacy

## DELIVERING IMPACT



**Economic Growth**  
Higher productivity,  
more investment,  
stronger maritime cluster



**Green Transition**  
Lower emissions,  
cleaner fuels,  
sustainable oceans



**Safety & Resilience**  
Smarter risk management,  
cybersecurity,  
resilient operations



**Quality Jobs & Skills**  
High-value employment,  
new careers,  
inclusive growth



**Global Leadership**  
A trusted hub for responsible  
AI in shipping and maritech

## ENABLERS OF SUCCESS



Human-Centric AI



Ethical & Responsible  
Innovation



Strong Governance  
& Standards



Cybersecurity  
by Design



Open Collaboration  
Ecosystem



Sustainable  
Investment

## OUR VISION

To be the Blue Intelligence Orchestrator  
—where technology, talent and trust  
come together to shape the future  
of global maritime.



SMARTER  
Operations



GREENER  
Oceans



SAFER  
Journeys



STRONGER  
Economy



TOGETHER  
for the Future

CYPRUS –  
YOUR GATEWAY TO BLUE INNOVATION

LINKING EUROPE • MEDITERRANEAN • MIDDLE EAST • ASIA

# CYPRUS NATIONAL AI STRATEGY 2032 HEALTHCARE & LIFE SCIENCES

**AI FOR A SMARTER, HEALTHIER, MORE EQUITABLE CYPRUS**

Patient-Centric • Human-Overseen • Trusted • Compliant • Sustainable



**A HEALTHIER CYPRUS**  
From treatment  
to prevention  
and well-being



**SUSTAINABLE GSY**  
Quality care  
for all, financially  
sustainable



**DIGITAL & DATA-DRIVEN**  
Secure data,  
interoperable systems,  
smarter decisions



**TRUST & TRANSPARENCY**  
Human oversight,  
explainability, rights  
and accountability



**INNOVATION  
& SKILLS**  
AI-ready workforce  
and work



Better Health  
Outcomes



Improved Access  
& Experience



Higher Productivity  
& Efficiency



Stronger, Resilient  
Health System

## 1. ALIGNMENT WITH MINISTRY OF HEALTH PRIORITIES



PREVENTION &  
PUBLIC HEALTH



DIGITAL HEALTH &  
MODERN INFRASTRUCTURE



SUSTAINABLE GSY &  
SYSTEM EFFICIENCY



WORKFORCE, SKILLS  
& QUALITY



LEGISLATIVE PROTECTION,  
TRANSPARENCY & RIGHTS

## 2. ADDRESSING KEY EU CHALLENGES



EU AI ACT COMPLIANCE



EUROPEAN HEALTH DATA SPACE (EHDS)



SYSTEM READINESS & ACCEPTANCE



EQUITY, TRUST & ETHICS



STRATEGIC & REGIONAL INFLUENCE

## 3. PRODUCTIVITY & PATIENT (CUSTOMER) EXPERIENCE IMPACT

### PRODUCTIVITY GAINS



INTELLIGENT TRIAGE &  
CARE NAVIGATION



ADMINISTRATION  
AUTOMATION



CLINICAL DECISION  
SUPPORT



SMART RESOURCE  
PLANNING



PRODUCTIVITY TARGET

### PATIENT EXPERIENCE IMPROVEMENTS



VIRTUAL AI PATIENT  
ORCHESTRATOR



PERSONALISED &  
PROACTIVE CARE



CONTINUITY &  
PATIENT EMPOWERMENT



BETTER EXPERIENCE  
& EQUITY



**AI AUGMENTS – IT DOES NOT REPLACE**

Human relationships and clinical judgement remain at the heart of care.

## 4. KEY ENABLERS FOR SUCCESS



SECURE NATIONAL  
HEALTH DATA  
REPOSITORY



REGULATORY & ETHICAL  
GOVERNANCE



INTEROPERABILITY &  
STANDARDS



CYBERSECURITY  
& RESILIENCE



AI SKILLS &  
EDUCATION



INNOVATION &  
SANDBOXES



PUBLIC-PRIVATE-ACADEMIA  
COLLABORATION



## 5. PARTNERSHIPS & EU ECOSYSTEM

Active in EU initiatives & networks  
(e.g. MyHealth@EU, EHDS, EU AI Act,  
COMPASS-AI, eHealth Network).



### THE BOTTOM LINE

The National AI Strategy 2032 gives the Ministry of Health a coherent, EU-aligned roadmap to deliver a prevention-focused, digital, sustainable and human-centred health system for all in Cyprus.



### INVEST TODAY. TRANSFORM TOMORROW.

AI FOR PEOPLE. AI WITH PEOPLE.  
FOR A HEALTHIER, SMARTER, FAIRER CYPRUS.



SUSTAINABLE



ADAPTABLE



RESILIENT



CONNECTED

### SEA CHANGE 2030 IN ACTION



## CYPRUS NATIONAL AI STRATEGY 2032

# INNOVATION & ENTREPRENEURSHIP

Building an AI-driven innovation economy that creates value, scales globally and delivers prosperity for Cyprus



### STRATEGIC AMBITION

Position Cyprus among Europe's leading AI innovation hubs by accelerating **research excellence**, catalysing **entrepreneurship**, scaling **startups**, and driving **AI adoption** across the economy.

### KEY INITIATIVES & PROGRAMMES



#### 1. NATIONAL AI RESEARCH FUND



#### 2. AI INNOVATION FUND



#### 3. AI SOVEREIGN INVESTMENT MATCHING FUND



#### 4. AI ADOPTION ACCELERATION PROGRAMME



#### 5. INDUSTRY AI SANDBOXES PROGRAMME



#### 6. NAICF COMPLY + ADOPT NAICF



#### 7. FUTUREAI CY WORKFORCE PROGRAMME



#### 8. AI INFRASTRUCTURE & COMPUTE ACCESS



### EXPECTED OUTCOMES BY 2030



A globally competitive AI innovation ecosystem



Significant increase in AI startups and scale-ups



75% of enterprises adopting AI solutions



A future-ready, AI-skilled workforce



Sustainable economic growth and global impact from Cyprus

### IMPLEMENTATION PRINCIPLES



**PUBLIC-PRIVATE COLLABORATION**  
Crowd in private capital and global partners



**TRUST & COMPLIANCE**  
Embed ethics, safety and EU AI Act compliance



**INCLUSIVITY & IMPACT**  
Ensure broad access and societal benefit



**PERFORMANCE & ROI**  
Data-driven tracking, evaluation and impact



#### IMPORTANT NOTE

The initiatives and programmes presented here are proposed strategic instruments within the draft Strategy (under public consultation until 31 August 2026). Final design, budgets, governance and legal form will be determined in subsequent action plans.

# DIGITAL FIRST WORLD

**PRIORITIZING PERSONALIZATION. AMPLIFYING CUSTOMER EXPERIENCES. ACCELERATING OPERATIONS.**

## PERSONALIZED CITIZEN EXPERIENCE

Seamless. Relevant. Proactive.



- Personalized services and recommendations
- Proactive engagement and real-time support
- Trusted, secure and privacy by design
- Anytime, anywhere, any device



KNOW ME



SERVE ME



SUPPORT ME



PROTECT ME

**DELIVERING VALUE  
TO CITIZENS. EMPOWERING PEOPLE.  
TRANSFORMING GOVERNMENT.**



GREATER  
SATISFACTION



STRONGER  
TRUST



HIGHER  
PERFORMANCE



SUSTAINABLE  
FUTURE

## OPERATIONAL ACCELERATORS

Automate. Optimize. Outperform.

### PERFORMANCE OVERVIEW

|                                             |                                                    |                                      |                                                  |
|---------------------------------------------|----------------------------------------------------|--------------------------------------|--------------------------------------------------|
| Total Transactions<br><b>12.5M</b><br>▲ 18% | Average Processing Time<br><b>2.4 hrs</b><br>▼ 35% | Cost Savings<br><b>€42M</b><br>▲ 22% | Citizen Requests Resolved<br><b>96%</b><br>▲ 15% |
|---------------------------------------------|----------------------------------------------------|--------------------------------------|--------------------------------------------------|

### PROCESS AUTOMATION



### TREND ANALYTICS



Intelligent  
Automation



AI-Powered  
Insights



Predictive  
Analytics



Optimized  
Workflows



Data-Driven  
Decisions



HIGHER  
PRODUCTIVITY



LOWER  
COSTS



FASTER  
SERVICES



BETTER  
OUTCOMES

## HUMAN CENTRIC

Empowering people. Enabling potential. Building a digital government that works for everyone.



**EMPOWERING  
EMPLOYEES**  
Better tools.  
Smarter work.  
Greater impact.



**BUILDING  
DIGITAL SKILLS**  
Continuous learning.  
Future-ready  
workforce.



**INCLUSIVE  
BY DESIGN**  
Accessible.  
Equitable.  
For every citizen.



**ENGAGED  
COMMUNITIES**  
Co-creating solutions.  
Stronger together.  
Better tomorrow.

Laying the building blocks for an  
**INTELLIGENT GOVERNMENT  
PLATFORM\***



Digital Identity



Data Foundation



Cloud First



API & Integration



Security by Design



AI & Analytics

\* Building secure, scalable, interoperable and intelligent capabilities that enable seamless services, data-driven decisions, and trusted outcomes for all.

# EDUCATION PILLAR

## PROPOSED EPVL: HUMAN-CENTRIC AI GOVERNANCE FOR LEARNING

*Simple, teacher-led, and safe by design*



Chief Scientist  
for  
Research, Innovation  
and Technology

### WHY IT IS PIONEERING



Turns principles  
into practice



Creates a  
school-governed  
AI layer



Transforms raw AI  
into guided learning

1

Teacher asks



2

Proposed EPVL checks



3

AI response  
is validated



4

Student receives  
guided output



### HOW IT KEEPS HUMANS AT THE CENTER



Teacher approves  
before student sees



Educator sets  
context and goals



Students engage  
critically



Oversight and  
accountability  
are built in

## THE TEACHER REMAINS THE PEDAGOGICAL DECISION-MAKER



**TRUSTED AI  
REGIONAL  
HUB**

Advancing responsible AI adoption  
through governance, education,  
and innovation leadership.



Teacher Agency



Safer Learning



Trustworthy AI



Responsible Innovation



**AI & DIGITAL  
SOVEREIGNTY  
FOR EDUCATION**



**NATIONAL  
VALUES**

# A SINGLE LIGHTHOUSE. A NATION TRANSFORMED.

The National AI Strategy sets the direction.  
Every Ministry, Authority & Semi-Gov Entity aligns. Every strategy, one vision.



**ONE VISION**  
Unified direction for AI across the public sector



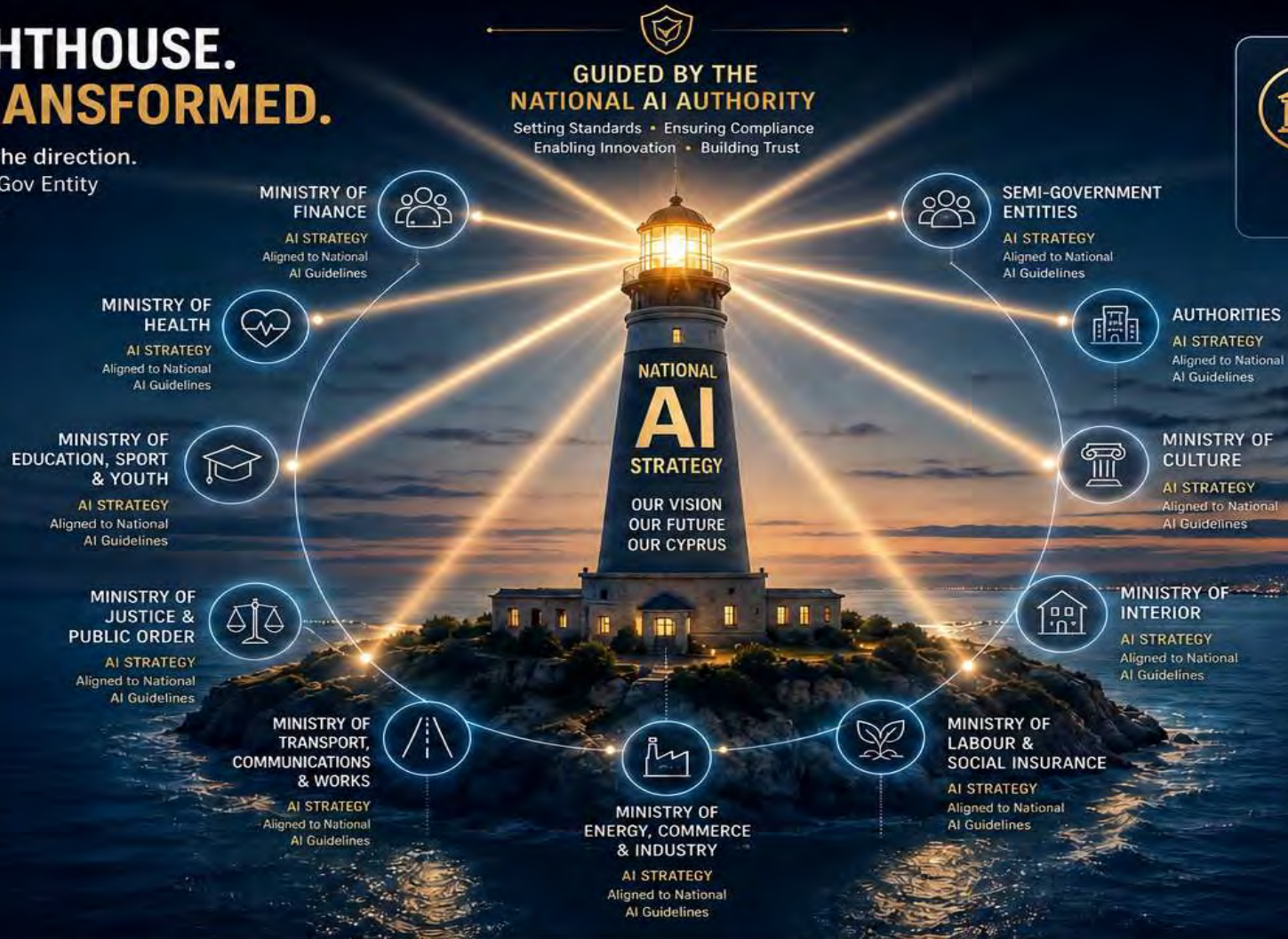
**GOVERNED & TRUSTED**  
National AI Authority sets standards, ensures compliance and trust



**ALIGNED & COORDINATED**  
All entities align with national priorities and guidelines



**IMPACT AT SCALE**  
Stronger public services. Smarter decisions. Better outcomes for citizens.



**ACCOUNTABILITY**  
Ministerial AI use cases remain with Ministry subject to Endorsement of National Authority.



**Chief Scientist for Research, Innovation and Technology**



**MANDATE**  
Every entity develops and implements its own AI Strategy in line with National AI Authority Guidelines.

**ONE FRAMEWORK.  
MANY STRATEGIES.  
ONE NATION.  
ONE FUTURE.**

## GUIDED TOGETHER. POWERED BY AI. DELIVERING A BETTER CYPRUS.



**ETHICAL & RESPONSIBLE**  
AI for the public good



**SECURE & SOVEREIGN**  
Protecting our data and our citizens



**INCLUSIVE & FAIR**  
Empowering people, leaving no one behind



**INNOVATIVE & AGILE**  
Building a future-ready public sector



**MEASURABLE IMPACT**  
Outcomes that matter. Value that lasts.



EMPOWERING PEOPLE. MODERNIZING OPERATIONS. DELIVERING IMPACT.

# RESEARCH & INNOVATION DRIVING REAL-WORLD IMPACT

Focus on applied, impact-oriented research with strong industry-academia-government collaboration.

## SIX RESEARCH FOCUS AREAS

**1 ENERGY, ENVIRONMENT, AND RESOURCE MANAGEMENT**  
Sustainable energy systems, climate resilience, smart grids, water and resource optimization.

**2 AUTONOMOUS SYSTEMS**  
Intelligent robotics, drones, autonomous mobility, and human-AI collaboration.

**3 HEALTHCARE**  
AI-driven diagnostics, personalized medicine, digital health and health systems innovation.



## OUR FOUNDATION FOR EXCELLENCE

**WORLD-CLASS TALENT**  
Developing and attracting top researchers and innovators.

**ADVANCED INFRASTRUCTURE**  
State-of-the-art labs, compute, testbeds and data platforms.

**FUNDING & INCENTIVES**  
Competitive grants, partnerships and innovation incentives.

**ETHICS & RESPONSIBLE AI**  
Human-centered, secure and trustworthy innovation.

**GLOBAL COLLABORATION**  
Connecting with leading institutions worldwide.

## BUILDING A THRIVING INNOVATION ECOSYSTEM

**COLLABORATE**  
Bringing together government, industry, academia and startups to solve real-world challenges.

**INNOVATE**  
From research to prototype to scale—accelerating ideas into solutions.

**COMMERCIALIZE**  
Supporting technology transfer, IP creation, and global market competitiveness.

## IMPACT WE CREATE

**Address national priorities and global challenges**

**Grow talent and high-value jobs**

**Attract investment and drive economic growth**

**Position Cyprus as a regional innovation leader**

RESEARCH TODAY. SOLUTIONS TOMORROW. **IMPACT FOR GENERATIONS.**

 **Chief Scientist  
for  
Research, Innovation  
and Technology**



Chief Scientist  
for  
Research, Innovation  
and Technology



RESEARCH &  
INNOVATION  
FOUNDATION

# AI Roadmap

Driving responsible AI adoption and delivering measurable impact across the public sector.



## Shared Services across Government

Common AI capabilities and platforms that enable efficiency, consistency and collaboration across all public services.



## Transformational Use-Cases

Cross-cutting AI initiatives that modernize operations, enhance decision-making and create lasting value for citizens.



## High Impact Ministerial Use-Cases

Department-specific AI initiatives addressing key priorities, delivering tangible outcomes and sectoral transformation.

INNOVATE | COLLABORATE | TRANSFORM



# National AI Taskforce Structure

Coordinating national priorities, governance and implementation across the AI ecosystem



Chief Scientist  
for Research, Innovation  
and Technology



## National AI Taskforce

-  Strategy custodian
-  Monitoring and Reviewing of Strategy rollout and implementation



### National AI Infrastructure Committee

Compute, data, platforms & interoperability



### AI Ethics Committee

Responsible, fair & trustworthy AI



### AI Misinformation & Security Committee

Resilience, safety & information integrity



### Adhoc ICT Committee

Technical input from ICT stakeholders



### Adhoc SME\* Committees

Sector expertise and domain-focused insight



## Skills

### National AI Skills Observatory

Skills intelligence, workforce readiness, and talent development



**A coordinated governance model for trusted national AI adoption**

\* SME = Subject Matter Expert

Thank You