



What We Know So Far About Greece's AI National Strategy

Introduction

Greece is making a decisive entry into the field of Artificial Intelligence (AI), aiming to harness its transformative potential across the economy, society and public administration. The national strategy for transitioning into the AI era has been formulated by the High-Level Advisory Committee on AI. This initiative aspires to establish Greece as a competitive force in the AI domain while balancing technological progress with ethical responsibility and societal well-being.

The strategic plan places a strong emphasis on innovation, entrepreneurship, education, regulatory frameworks and AI implementation in the public sector. Its key objectives include infrastructure development, investment attraction and the creation of an AI ecosystem that will enable Greece to fully leverage the benefits of artificial intelligence

Mission and Vision

Greece's AI national strategy is driven by the goal of leveraging AI for economic growth, social welfare and national security. The broader vision focuses on embedding AI across key sectors,

including public administration, education, healthcare, defense and innovation-driven industries, while simultaneously cultivating a workforce proficient in AI technologies. The government aspires to a future where AI serves as a catalyst for increased productivity, more efficient public services and an overall improvement in citizens' quality of life.

Key Pillars of the Strategy

Innovation and Entrepreneurship

Greece is committed to fostering AI-driven innovation and entrepreneurship by creating a dynamic ecosystem that supports research, development and commercialization. The national strategy prioritizes the establishment of AI research centers and incubators, providing businesses with incentives to integrate AI-driven solutions and facilitating the growth of startups through targeted investments. Additionally, Greece seeks to enhance access to high-quality data and computational resources while developing AI-focused funding mechanisms to attract both domestic and foreign investments. By strengthening research and technology hubs, the

country aims to position itself as a competitive player in the global AI landscape.

Education and Research

Greece is dedicated to cultivating a competitive AI workforce by integrating AI education across all levels of learning and research. The national strategy includes introducing AI-related subjects in primary and secondary education, expanding AI research within universities and research institutions and fostering a culture of continuous learning through professional upskilling programs. A key initiative is the establishment of a Center of Excellence for AI, designed to serve as a world-class hub for research, innovation and education. By prioritizing AI literacy and lifelong learning, Greece aims to equip its workforce with the necessary skills to thrive in an AI-driven future.

Regulatory Framework

A robust regulatory framework is crucial for fostering AI innovation while ensuring ethical integrity, transparency and accountability. Greece's AI strategy aligns with EU guidelines on AI governance. Key measures include implementing strict data protection regulations, reinforcing the ethical dimensions of AI applications and ensuring compliance with international best practices.

AI in the Public Administration and Services

The Greek government is actively integrating AI into public administration to enhance efficiency, service delivery and national security. Key initiatives include AI-driven healthcare systems for advanced diagnostics and personalized treatment, as well as AI-enhanced defense mechanisms and cybersecurity measures. Additionally, AI applications are being developed for climate crisis management and the preservation of cultural heritage. Greece is also embracing smart city initiatives, utilizing AI-powered solutions for urban

planning, infrastructure management and improved public services.

Flagship Projects

To implement Greece's AI strategy, several key initiatives have been proposed. A key component is the establishment of a National AI Research Institute, serving as a premier hub for AI research and innovation. Moreover, the creation of AI Regulatory Sandboxes provides controlled environments for testing AI applications under regulatory oversight. Additionally, Greece is developing a National AI Data Hub, a centralized platform for AI datasets to support research and development. Furthermore, the AI Center of Excellence, in partnership with leading academic institutions, and an AI Digital Platform will offer educational resources, host competitions, and encourage AI-driven collaborations. Greece is also prioritizing startup support and foreign investment attraction. Another significant initiative is the Greek AI Data Space, which focuses on collecting and structuring data that reflect the Greek language and cultural heritage preservation.

Challenges and Prospects

While Greece's AI strategy lays a solid foundation for growth, several challenges must be addressed to ensure its successful implementation. A key concern is talent retention, as many skilled AI professionals seek opportunities abroad, contributing to brain drain. Additionally, infrastructure development is crucial, requiring significant investments in computational resources and cloud capabilities to support AI-driven innovation. Another critical challenge is the ethical deployment of AI, ensuring fairness, inclusivity and minimizing algorithmic bias in various applications. Furthermore, collaboration between industry, academia and the public sector must be strengthened to drive sustainable AI growth.

Conclusion

Greece's national AI strategy marks a bold and essential step toward digital transformation and global competitiveness. By prioritizing education, research, regulation and strategic investments, the country is establishing the foundation for an AI-driven future. However, the success of this initiative will rely on collaborative efforts among government agencies, educational institutions and businesses to foster innovation and ensure effective implementation. As AI continues to evolve, Greece must remain adaptable to emerging trends while upholding ethical standards and maintaining public trust.

Authors:



TMT
Intellectual Property
Employment
Litigation & Dispute Resolution
Chara Daouti
Partner

c.daouti@lambadarioslaw.gr



TMT
Intellectual Property
Vrina Angelopoulou
Associate

v.angelopoulou@lambadarioslaw.gr