

# Digital Transformation and Artificial Intelligence in Intellectual Property Management: The Strategic Vision and Practical Implementation in Jordan.

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# Jordan: A Regional Model for Digital Transformation



## The Executive Lever

Achieving comprehensive economic, political, and administrative modernization in the Kingdom.



## Strategic Partnership

Consolidating collaboration between the public sector, private sector, and academic institutions.



## Digital Governance

Building a secure and sustainable environment to support innovation and decision-making.

**21st** Globally in Government Technology Maturity (World Bank)

# National Strategy for Digital Transformation

## Smart Infrastructure

Building a digitally-enabled Jordan with a secure infrastructure and smart services serving all sectors.

## Data Governance

Efficiently managing government data to support evidence-based decision-making and innovation

## Community Partnership

Enhancing cooperation among all stakeholders to build a comprehensive and sustainable digital ecosystem

E-Participation: (Leaping from **148th** to **67th** globally)

# AI Strategy 2023-2027

Vision : Making Jordan a regional leader and an attractive hub for pioneering investments in the field of Artificial Intelligence.

## Trained Workforce

15K

Training 15,000 trainees across various sectors

## Government Entities

50

Raising AI awareness across 50 government entities

## National Projects

25

AI in 25 vital national projects

## Global Ranking

+20%

Improving the Global AI Readiness Index by 20 % from the current level

Government AI Readiness Index: Ranked **49th** globally

Source: Executive Plan - National Strategy for Artificial Intelligence (2023-2027), MoDEE.

# National Charter for AI Ethics

## The Ethical Foundation

Rooted in human, religious, and societal values of the Jordanian community, ensuring responsible AI deployment that fosters innovation while safeguarding the community



## Accountability and Transparency

Ensuring full accountability and impartiality in all AI applications

## Privacy Protection

Upholding comprehensive privacy standards and protecting Intellectual Property rights in the digital age.

# Practical Experience : The National Library of Jordan



## Secure Cloud Environment

Adopting the secure government cloud infrastructure for digital scanning and archiving programs.



## Jordanian Unified Index

A comprehensive umbrella connecting all Jordanian libraries through a unified system that facilitates content accessibility.



## Wathiq Platform

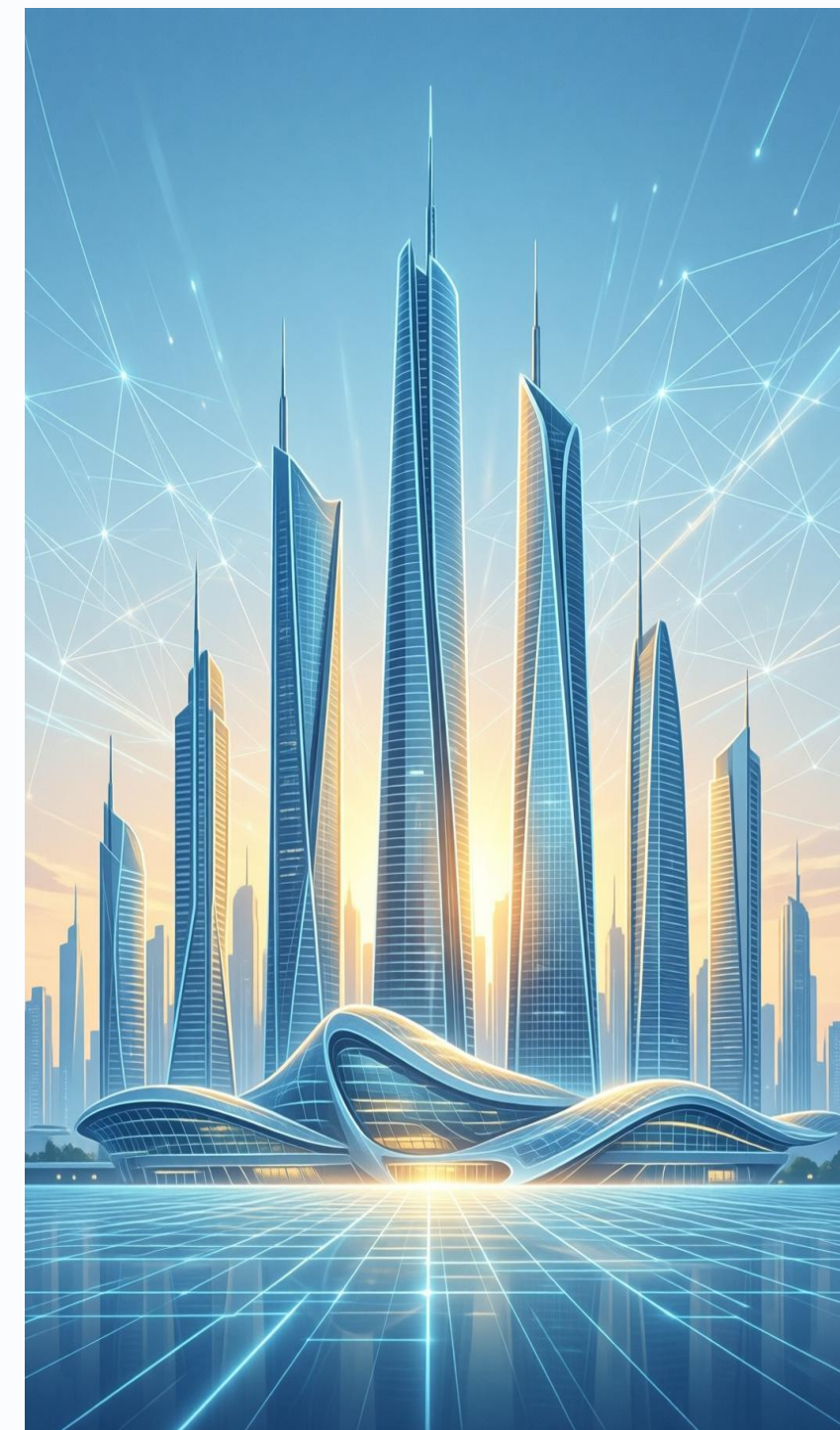
Digital collecting private and oral archives to preserve the Jordanian cultural heritage.

Global Knowledge Index: (Ranked 73rd globally)

# A look at international indicators 2025-2026

Indicator	Previous	Current	Improvement
<b>Global Innovation Index</b>	<b>73</b>	<b>65</b>	<b>8 ▲</b>
<b>GovTech Maturity Index</b>	<b>31</b>	<b>21</b>	<b>10 ▲</b>
<b>E-Participation Index</b>	<b>148</b>	<b>67</b>	<b>81 ▲</b>
<b>Government AI Readiness Index</b>	<b>55</b>	<b>49</b>	<b>6 ▲</b>
<b>Digital Competitiveness</b>	<b>50</b>	<b>44</b>	<b>6 ▲</b>

Source: Official Reports and Studies, Ministry of Digital Economy and Entrepreneurship (Jordan), 2024-2025.



# Challenges

**Legislative harmonization** Assimilate AI outputs without restricting innovation

## Authentication

The technical challenge in distinguishing the human content and protecting big data.

## Digital Sovereignty

Protecting national Intellectual Property in light of cross- border.

# Recommendations

## flexible Legislation

Adopting dynamic frameworks and following up on WIPO'S international dialogues

## Digital Justice

Raising awareness among law enforcement entities about emerging technologies.

## Smart Documentation

Using AI as a tool for protection and documentation IP.

# Thank You

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