



From Foundation to Empowerment:
**The Achievements of
Digital Economy
in the Sultanate of Oman**
(2021 - 2025)





“With our profound recognition of the necessity to diversify sources of income through knowledge, technology and innovation, we are resolutely intent on positioning the digital economy as a pivotal and central pillar of our national economy.”

H.M. Sultan Haitham bin Tariq

14th November 2023

(Council of Ministers affirms the importance of cooperation among all administrative units of the state to achieve the objectives of the National Program for Digital Economy and its implementation initiatives. The council also stressed the need to enhance readiness in investment, technology, human resources, and legislation, while addressing the challenges facing the program and artificial projects in the coming period.)

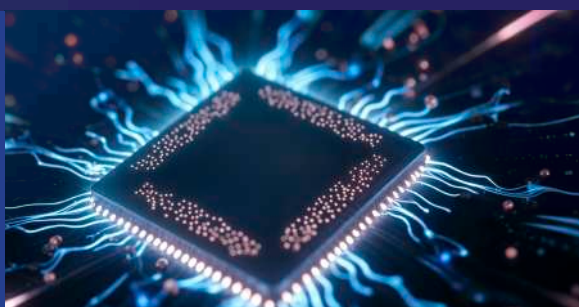
Council of Oman address

15 September 2025

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Address by

His Excellency the Minister

The digital economy has become a fundamental pillar of global competitiveness. Amid accelerating global efforts to adopt advanced technologies, the Sultanate of Oman has embraced a clear and forward-looking vision to build a modern and sustainable digital economy.

In alignment with the Royal Directives of His Majesty Haitham bin Tariq to harness emerging technologies in support of national economic growth, the Ministry, in collaboration with entities overseeing the executive programs, has implemented the objectives of the National Program for Digital Economy.

With the completion of the program's first phase, we take pride in the achievements realized. This phase focused on accelerating government digital transformation, strengthening the digital society, and enabling business digitalization. These efforts have translated into measurable progress across international benchmarks, with Oman attaining advanced positions in several global indices, including the E-Government Development Index, and the Global Cybersecurity Index.

During this phase, several landmark initiatives were launched, such as the Omani Large Language Model "Muaeen AI" to reinforce digital sovereignty, the AI Studio to foster innovation, the expansion of 5G networks, and the advancement of national digital infrastructure.

As the program enters its second phase, emphasis will shift toward digitizing high-potential economic sectors and exporting digital economy services, with the goal of increasing the digital economy's contribution to GDP to 10% by 2040.

The program affirms that investment in technology is an investment in future generations. Through the localization of advanced technologies, the development of national capabilities, and the establishment of strategic partnerships with the private sector, Oman will continue building an innovative knowledge-based economy that secures its position as a leading player in the global digital landscape.



His Excellency Eng. Said bin Hamood Al Maawali,

Minister of Transport, Communications, and
Information Technology



Message from His Excellency the Undersecretary

Chairperson of the Technical Committee of the National Program for Digital Economy

In line with the Royal Directives of His Majesty Haitham bin Tariq, who emphasized positioning the digital economy as a national priority and a key driver of economic growth, and in alignment with the objectives of Oman Vision 2040, the National Program for Digital Economy (2021-2025) was launched as a comprehensive national framework to steer the transition toward a technology-driven, knowledge-based, and innovation-led economy.

The Program adopted a holistic approach focused on strengthening digital infrastructure and enhancing the efficiency of digital government. It also prioritized creating an enabling business environment that accelerates the adoption of artificial intelligence and advanced technologies, while investing in the development of national capabilities.

This report presents the outcomes of the program's first phase, implemented through eight integrated executive programs. Each program was guided by a clear action plan with defined short-term and strategic objectives, laying solid foundations for a resilient digital economy. This phase successfully established a national ecosystem supported by effective governance structures and enabling legislation, reinforcing the role of the digital economy in advancing sustainable economic growth.

As this phase concludes, the Program now looks ahead to new horizons, focusing on deepening digital transformation across key economic sectors, expanding the deployment of artificial intelligence, supporting startups, and continuing to advance digital skills and cybersecurity capabilities.

On this occasion, we extend our sincere appreciation to the wise leadership for its continued support, to all government entities for their strong partnership, and to the dedicated teams whose efforts made these achievements possible. We reaffirm our commitment to advancing the journey toward a competitive and sustainable knowledge-based economy.



His Excellency Dr. Ali bin Amur Al Shidhani,
Undersecretary of the Ministry of Transport,
Communications, and Information Technology

Starting Point

Timeline of the Communications and Information Technology Sector





Starting Point

Program Launch

The National Digital Economy Program was approved and launched in 2021 to serve as the strategic framework for accelerating digital transformation and developing the national digital economy in the Sultanate of Oman. Through this program, the Sultanate of Oman seeks to achieve several objectives that will contribute to building and developing a prosperous digital economy. This endeavor requires high level competitiveness, keeping pace with digital developments, speed in decision-making, and the concerted efforts, cooperation, and coordination between the administrative units of the State and other public legal entities and the private sector, in order to achieve the targets of this national program, which aligns with Oman Vision 2040.

The program aims to achieve a set of pillars and targets in the medium and long term through a group of executive programs and plans related to the digital economy. The program's vision is A digital economy as a tributary to the national economy, reinforcing digital sovereignty and providing high-value, sustainable opportunities for society. Its mission is to provide a secure and advanced digital infrastructure that supports digital government, digital business, and digital society, integrated with economic and social development, and responsive to sustainability and future requirements.



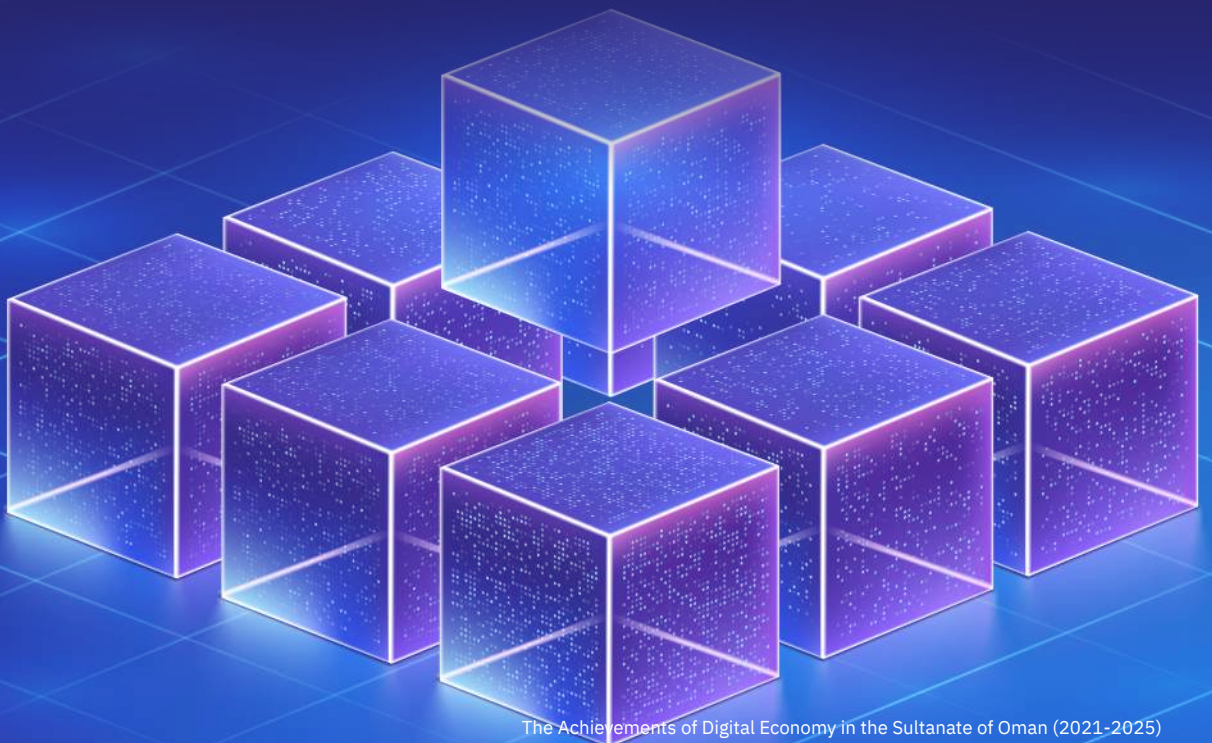
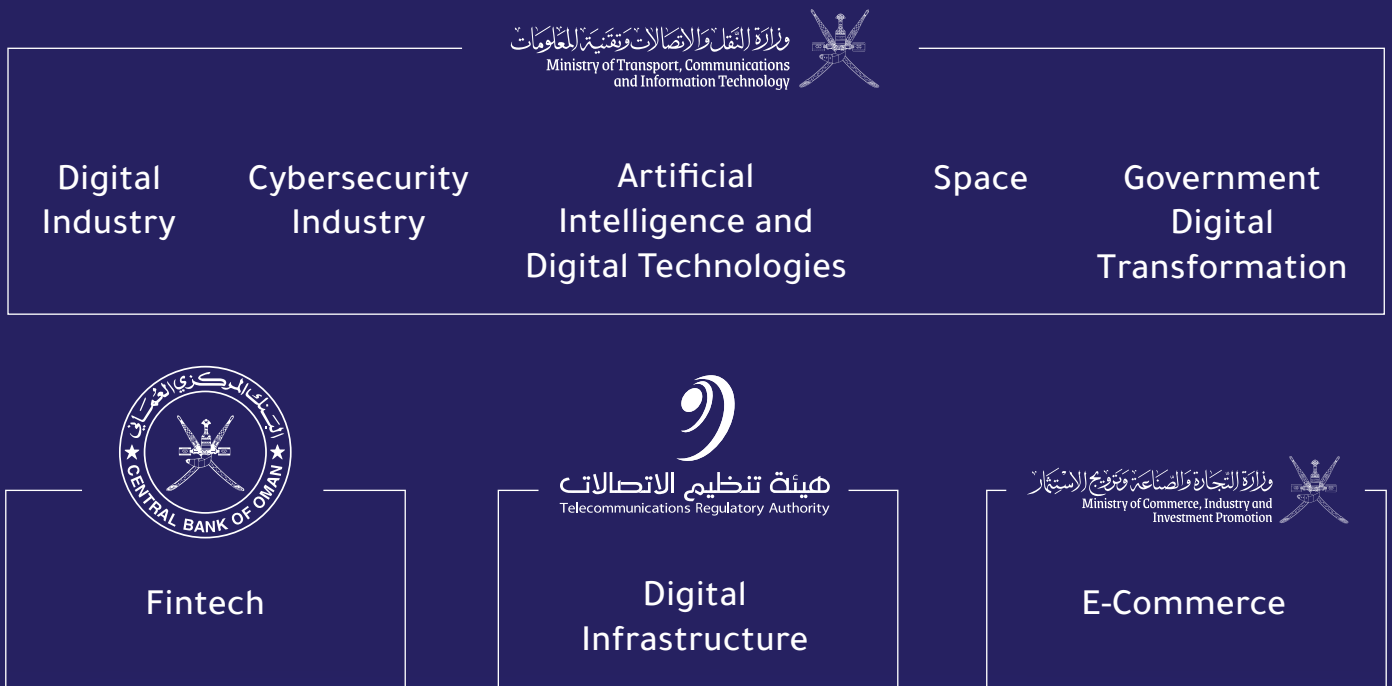
Vision

A digital economy as a tributary to the national economy, reinforcing digital sovereignty and providing high-value, sustainable opportunities for society.

National Program for Digital Economy Governance Framework



The 8 Executive Programs Map



Sultanate of Oman in International Indicators





The Digital Economy: Facts and Figures

National Survey on Measuring the Contribution of the Digital Economy

National Survey to Measure the Contribution of the Digital Economy: This is the first survey of its kind in the Sultanate of Oman to measure the contribution of the digital economy to the Gross Domestic Product (GDP). The survey targeted approximately 1,300 institutions across various governorates of the Sultanate of Oman and is based on 2023 data. Its primary goal is to calculate the percentage of the digital economy's contribution to the GDP. Consequently, this data is essential to support decision-makers in formulating future policies for the digital economy and achieving the National Program's targets, which aim to raise the digital economy's contribution to 10% of the GDP by 2040.



The survey targeted
1,300
institutions



Number of Companies Operating in the Space Sector,

25
Company

more than
400
employees
working in
Government and
private sector



OMR 800
Million

Contribution of the core and direct digital economy in 2023

Percentage of Omanis Employed in the IT Sector

45.5%
in 2025 of the total workforces in the sector.



79

OMR Million, Investments in Artificial Intelligence Projects
According to 2025 data

74

OMR Million, in private sector investments in the space sector
According to 2025 data

Oman Startup Hub Platform (omanstartuphub.om), Over

200
startups
registered



48

Incubators/
Accelerators,

With funding exceeding OMR 127 million for tech startups.

Percentage of Omanis in Technical, Specialized, and Leadership Roles in the IT Sector, Approximately

69%
in 2025 of the total workforces in the sector.



Executive Programs

The executive programs embody the fundamental pillars of the National Digital Economy Program in the Sultanate of Oman. Over the past five years, the country has witnessed a series of qualitative achievements that reflect the magnitude of the efforts exerted and the tangible developments on the ground. The most prominent achievements not of these achievements



1.

Government Digital Transformation



2025
-
2021

94%
overall performance of the government digital transformation program

85%
Average performance of government institutions in meeting digital transformation requirements

29,468,613
Number of government transactions completed digitally

2.26 billion
Number of data records exchanged via the national e-Integration platform

202,924,997
User identity authentication requests processed through various electronic authentication systems

Launch of over **33 smart apps** across the government sector.

78%
Beneficiary satisfaction rate with digital services

2025

Launch
of the unified portal for digital government services, Launch of the unified mobile application for the portal

Launch
of the "Thiqa" (Trust) application, which aims to provide a secure digital identity for users to interact with government e-services

3,166
Government services simplified

Inauguration
of the national "Tajawoob" (Response) platform for suggestions, complaints, and Reports, Launch of the platform's dedicated application

Launch
of the national digital government capacity-building program (Irtiqaa)

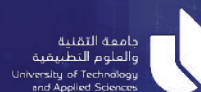
Implementation
of the government digital services and transformation awareness campaign

Launch
of the national planning, evaluation, and performance monitoring framework

2024

Launch
of the master of science in digital transformation and innovation program, in collaboration with the university of technology and applied sciences

Launch
of the digital guide for documenting and indexing government services



2023

Launch
of the governorates' Ambassadors for government digital transformation initiative

2.

Artificial Intelligence and emerging technologies

2025
-
2021

Investments exceeding **79 million Omani Rials** to support artificial intelligence projects

Expansion of the startup ecosystem to include approximately **22 AI-specialized companies**

2025

Launch of the national generative al Language model, the first specialized national governmental model

مُعِين: AI
MueenAI

Development of a dedicated zone for AI-focused startup companies

Establishment of the green ai alliance to advance ai while preserving the environment

Launch of the national open data portal

Operation of the artificial intelligence Studio

Launch of the oman digital triangle (ODT), a globally pioneering initiative in green computing and AI data centers

2024

The Council of Ministers, **chaired** by His Majesty Sultan Haitham bin Tariq - may Allah protect him - approved the national program for artificial intelligence and digital technologies

Launch of the fourth industrial revolution center, in collaboration with the world economic forum - the 6th of its kind in the middle east and the 22nd globally




3. Digital Industry

2025
-
2021

Launch of nomo program and jadara program to support tech startups, benefiting more than 161 emerging technology companies,




launching Sas48 Hackathon for relief technologies



launching Sas48 hackathon for green technologies



Over **40 million OMR** worth of investment deals and project value achieved during COMEX 2023

Over **85 million OMR** worth of investment deals and project value achieved during COMEX 2024

Over **116 million OMR** worth of investment deals and project value achieved during COMEX 2025

2025

Training and qualifying more than 11,000 national professionals through the Makeen Initiative to support the labor market with specialized digital talent



Achieving 69% Omanization in technical, specialist, and leadership IT positions across all sectors.

Issuance of the Local content enablement framework for the ICT sector

Attracting strategic investments in the fields of semiconductors and microchip manufacturing

2024

Relaunching the Oman startup platform "OSH", a digital gateway connecting startups with investors and advisors in the sultanate



Issuance of the tech startup ecosystem heatmap for the Sultanate of Oman

4. Cybersecurity

2025
-
2021

Launch

of 6 Investment Opportunities in the Cybersecurity Sector

Organization

of 16 Cybersecurity Exercises for Arab Countries, OIC Member States, and Countries in Africa and Eastern Europe

Implementation

of 5 Editions of the National Cybersecurity Index

10

workshops in the field of freelance work in cybersecurity (Over 200 beneficiaries)

18

workshops in cybersecurity innovation (Over 300 beneficiaries)

implementation of

10 Workshops on Cybersecurity Diplomacy in Collaboration with the Humanitarian Dialogue Centre

Signing

of 32 cooperation agreements / MoUs in the field of cybersecurity industry

Establishment

of **6** new cybersecurity startups, **17** locally products

Implementation

of Two Editions of the "Hadatha" Initiative for Excellence in the Cybersecurity Industry.

Organization

of 20 international conferences and events, including:

- 6 editions of the Regional Cybersecurity Week (over 5,500 participants, 41 companies, 206 experts, 70 countries, 5 Guinness World Records)
- 4 editions of the Annual OIC-CERT Cybersecurity Centers Conference
- 4 editions of the FIRST Global Forum for Arab and Regional Countries

Training

of 55 jobseekers in cybersecurity

Provision

of 2,976 specialized training opportunities for government

Implementation

of the Promotional Campaign for the Cybersecurity Industry Program, Locally and Internationally:

- 30 international events
- 4 regional and international reports
- 18 workshops (benefiting over 630 participants)
- 5 local conferences and workshops

Launch

of 3 Cybersecurity Innovation Centers at: • University of Technology and Applied Sciences • Sultan Qaboos University • Middle East College

120

Events, Workshops, and Competitions Held Locally and Internationally

Signing of **36** cooperation agreements / MoUs in the field of cybersecurity industry

Number of beneficiaries from the Cybersecurity Industry Program:

- **8,000** locally
- **5,000** internationally

Supporting and Empowering

Small and Medium Startups:

- Accreditation recognition of 3 Omani companies under the CAMP CREST initiative to accelerate cybersecurity service maturity
- Support and promotion of 3 national products
- Provision of 10 opportunities for local and startup companies to participate in cybersecurity events and competitions
- Engagement of 8 local companies in international cybersecurity events and exhibitions

2025
-
2021

Delivery

of 16 awareness workshops promoting cybersecurity as a career path (with over 600 beneficiaries)

Implementation

of 9 cybersecurity hackathons/competitions (over 700 beneficiaries)

Accreditation

of 11 Companies in the Cybersecurity Sector under the Ministry's Accreditation Program

2025

Launch

of the cybersecurity industry monitoring center

The national center for information security

wins the arab excellence award

in recognition of Its achievements in promoting innovation and protecting the digital space

Publication

of the national cybersecurity services and products guide

Implementation

of cybersecurity accelerator programs with the participation of over 120 participants

Organization

of the Hadatha forum for the cybersecurity industry (250 participants)

Launch of the cybersecurity challenges website page

Launch

of the new version of the national digital identity & e-Signature project (Thiqah):

- Over 12,000 app downloads
- More than 15,000 successfully completed e-transactions
- Issuance of over 9,000 digital certificates

2024

Oman ranked

in the top tier globally for cybersecurity readiness

Organization

of the first gulf hackathon for the cybersecurity industry (480 participants registered for the first hackathon, 377 were accepted, and 20 participants from GCC countries qualified)

Execution

of 9 hackathons/competitions in the cybersecurity industry (Over 700 beneficiaries)

Launch

of an initiative to support and promote Omani cybersecurity products and services

Approval

of 11 cybersecurity companies under the ministry's accreditation program

Launch

of the first edition of the hadaatha award for excellence in the cybersecurity industry

2023

Launch

of the national campaign for the cybersecurity industry

Launch

of the Hadatha cybersecurity industry services page on the national information security center website

2022

Preparation

of the cybersecurity industry guidance manual

5. Space

2025

Signing

the agreement to design and manufacture the Omani satellite, work planned to start in 2026 and the Launch of the Omani satellite (OmanSat-1).

Qualification

of 10 local startup companies in the space sector through the oman space accelerator program

Completion

of the space corner at the children's museum, in cooperation with the Ministry of Culture, Sports and Youth and funded by the private sector

Expansion

of the space sector to include 25 companies and accommodate over 400 employees

Achieved

a 0.045% contribution of the space sector to Oman's GDP

Organizing

the first edition of the Young Astronauts Camp in four governorates, with the participation of 80 students aged 7-15 years.

Ongoing

experiments and tests for the experimental rocket launch project

2024

Oman became

a member of the International Astronautical Federation (IAF)

Launched

of the first experimental space rocket from the Duqm Spaceport, marking a historic milestone toward entering the global space sector

Launch

of the Omani satellite (OmanSat-1)

Launch

of the national capacity-building program in the Space Sector, in implementation of royal directives



Establishment

of the Space Engineering Laboratory in cooperation with Sultan Qaboos University (2024-2027)

Hosting

the Middle East Space Conference 2024, the first international space conference of its kind in Oman, with the participation of 15+ global space leaders, 400+ attendees, representing 23 countries. Preparations for the second edition in 2026 are underway



2023

The national policy and executive program for the Omani space sector

2022

Signing

of a Memorandum of Understanding with the Kingdom of Bahrain in the field of space

2021

The Sultanate of Oman

Signed

several key international space treaties and agreements:

- Agreement on the Rescue of Astronauts, Return of Astronauts, and Return of Objects Launched into Outer Space
- Convention on Registration of Objects Launched into Outer Space
- Convention on International Liability for Damage Caused by Space Objects
- Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space



6. E-Commerce

2025

Hosting

the 2nd Oman e-Commerce forum 2025

Establishment

of multiple logistics centers through seaports and free zones across various governorates

Initiative

to review electronic payment transaction fees by the Central Bank of Oman

Verification

of 313 electronic stores via the Ma'roof Oman platform

E-commerce market size reaches approximately

288 million OMR

Initiative

to implement ongoing awareness campaigns to promote the use of electronic payments by the Central Bank of Oman.

Issuance

of 14,578 new business licenses for e-commerce activities

Initiative

to raise awareness about e-commerce through official channels and media approved by the Ministry of Information.

Integration

of e-commerce studies into academic curricula in Oman

2024

Providing

an enabling ecosystem to encourage innovation in electronic payment solutions

Revision

of customs service fees for e-commerce shipments by royal oman police-customs

Issuance

of the public policy for the postal services Sector

2023

Onboarding

69 SMEs onto the Amazon platform

Issuance

of the e-Commerce regulatory bylaw, Ministerial Decision No. 499/2023

Launch

of the Maroof oman platform for electronic store verification



2022

Amendment

of the Consumer Protection Law Executive Regulation to include e-commerce provisions

Signing

an agreement with Amazon Web Services (AWS) to offer cloud services from within Oman

Omanization

of the profession "Delivery Representative"

Enabling

postal companies to carry out customs clearance procedures

Provision

of specialized business telecommunications service packages at competitive prices in cooperation with telecom operators in Oman

2021

Opening

of the Rub Al Khali (Empty Quarter) border crossing, connecting Oman with the Kingdom of Saudi Arabia

2020

Development

of an electronic portal for government procurement commercial transactions

7. Financial Technologies (FinTech)



2025
-
2020

Increase
in non-cash transactions by 703% between 2020 -2025

Opening registration
for four tracks in the Regulatory Sandbox, with 11 startups accepted to test their innovative products at different stages

Development
of 4 national payment systems as core infrastructure to enable FinTech companies

2025

Increase
in licensed FinTech companies to 10

Expansion
of electronic KYC (know your customer) service providers to 36 financial institutions for verification of both individuals and enterprises

Ongoing work
to approve the updated pricing structure for payment systems and services

Issuance
of 6 laws, regulations, and circulars aimed at enabling FinTech companies

2024

Launch
of global digital payment services, including Apple Pay and Samsung Pay



2025
-
2021

Achieving

100%

availability with zero downtime for the National Data Center infrastructure

Total data exchange volume through the National Government Integration Platform exceeded

2 billion transactions, recording 43% growth by the end of Q3 2025 compared to 2024

Developing and operating a unified electronic integration environment for data exchange between government entities in Oman and GCC countries, with over

70 million transactions

exchanged via the GCC Government Integration Platform

Achieving

100%

availability with zero downtime for the National Data Center infrastructure

Achieving over

97%

availability for the government cloud infrastructure and related systems

Number of government entities connected to cloud service providers: **62**

Otech

29



14

O

ORACLE

15

C

data2cloud

4

Achieving

67%

coverage of high-speed fixed broadband fiber-optic networks for residential and business units

Achieving

99%

population coverage of mobile broadband networks across all governorates of the Sultanate

Achieving

support for 4G and 5G technologies across 99% of total telecommunications towers

International and Local

Ranking & Recognition

in Digital Transformation

Sultanate of Oman

Achieving a

6%



improvement in the maturity Index of electronic and mobile government services for the year 2024

1st Place

in West Asia and 9th globally in the field of open data for the year 2024.



Winning the

Arab digital economy award 2025

in the category of government innovation for the bayan customs system, awarded at the Seamless middle east conference & exhibition 2025 at the dubai world trade centre.

The digital transformation hackathon “Barmaján” by the Ministry of Culture, Sports & Youth enters the Guinness world records as:

The longest governmental digital transformation hackathon in the world, and The largest multi-site hackathon training session globally.



The electronic disclosure platform (“Bayanat”) of the financial services authority wins

Best digital platform



Under the information and communication technology applications category at the world summit on the information society (WSIS) forum

هيئة الخدمات المالية
FINANCIAL SERVICES AUTHORITY



Madayn crowned with the Best projects (X- SDI) award



for its project “Comprehensive digital transformation toward Smart, sustainable, al-Driven industrial cities”.

Three omani projects awarded at the GCC digital government award 2025



Best use of artificial intelligence for the “Early detection of diabetic retinopathy” service
Ministry of Health



Best digital government service
Ministry of Housing & Urban Planning



Best initiative for digital inclusiveness for the “Digital Authorization” service
Telecommunications Regulatory Authority

Key Milestones

1.

Issuance of a Set of Guiding Manuals and Regulatory Policies

<p>↗</p> <p>The Cybercrime Law No. 12/2011 *</p>	<p>↗</p> <p>Personal Data Protection Law No. 6/2022</p>	<p>↗</p> <p>Electronic Transactions Law No. 39/2025</p>	<p>↗</p> <p>National Data Governance and Management Regulatory Framework 2025</p>	<p>↗</p> <p>Local Content Enablement Framework for the ICT Sector 2025</p>
<p>↗</p> <p>Public Policy for the Safe and Ethical Use of Artificial Intelligence Systems 2025</p>	<p>↗</p> <p>Executive Bylaw for the Personal Data Protection Law 34/2024</p>		<p>↗</p> <p>Government Digital Transformation Regulatory Bylaw 108/2025</p>	<p>↗</p> <p>Digital Participation Policy for Government entities 2024</p>
	<p>↗</p> <p>Internet Usage Policy for Government entities 2023</p>	<p>↗</p> <p>Digital Accessibility Guideline 2022</p>	<p>↗</p> <p>Digital Participation Policy for Government entities 2024</p>	
	<p>↗</p> <p>Policy and Executive Program for the Omani Space Sector 2023</p>	<p>↗</p> <p>Systems Integration Policy for Government entities 2023</p>		

*A new law is expected to be issued during 2026

2.

Field Visits and Outreach Tours

As part of the efforts to raise public awareness of the digital economy, the National Program for Digital Economy conducted a series of awareness tours and outreach activities across various governorates of the Sultanate of Oman. In addition, the program participated in numerous conferences, exhibitions, forums, and related events at both the local and international levels.

These initiatives aimed to engage diverse segments of society, including government employees, individuals, students, and job seekers, by introduce them to the strategic directions, upcoming projects, and initiatives in the digital economy, while fostering collaboration and knowledge exchange with relevant entities.

The activities included a variety of informative and awareness-raising events that highlighted the program's efforts and objectives, showcased key digital economy initiatives and projects, and strengthened communication with stakeholders.

Moreover, these engagements provided opportunities for exchanging ideas and proposals, encouraging discussion, and promoting societal interaction, all of which contribute to achieving the program's goals and enhancing community involvement.



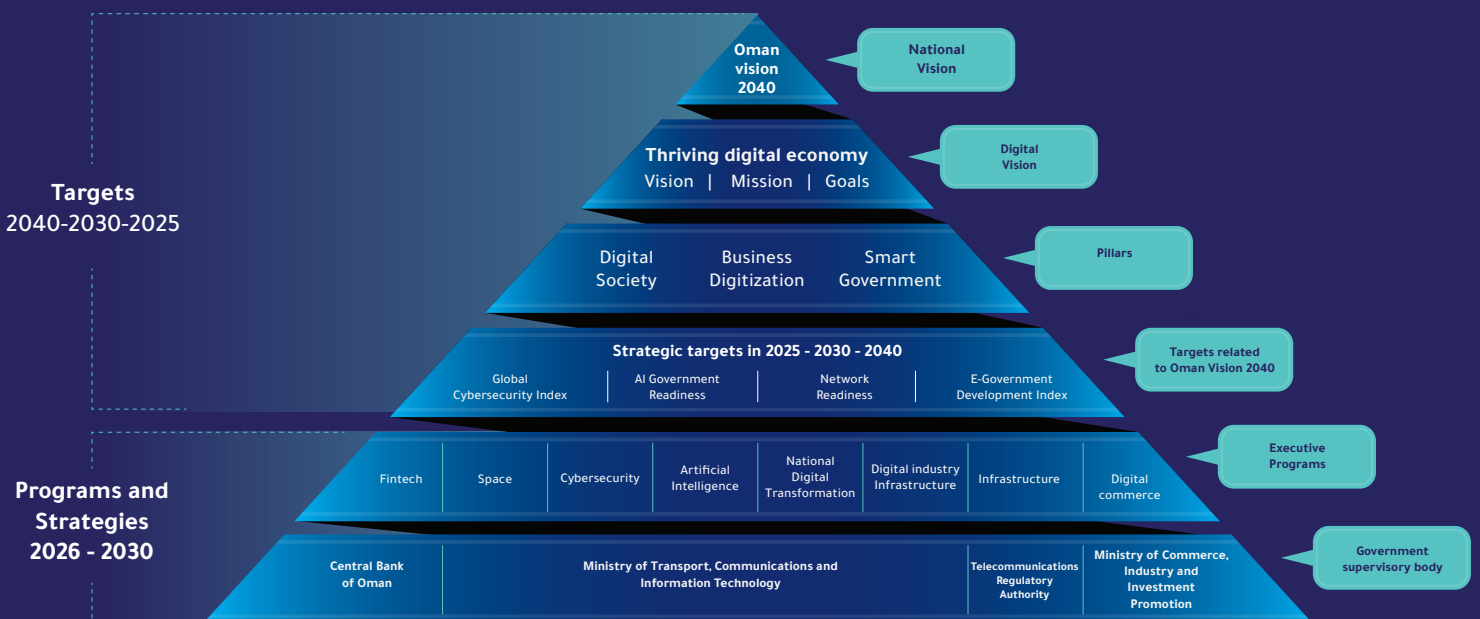
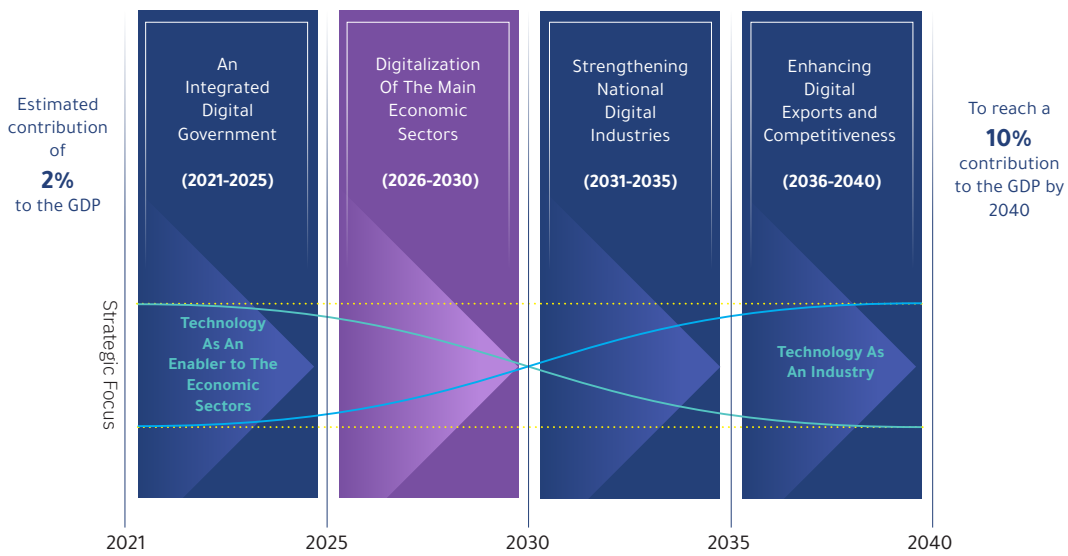


3.

New Digital Horizons (2026-2030)

In the upcoming phase (2026-2030), the Sultanate of Oman will advance toward new digital horizons, that building upon the achievements of the first phase of the National Digital Economy Program. This progress will be driven by a series of strategic initiatives and high-impact projects that reflect the national direction for comprehensive digital transformation. During this period, efforts will focus on digitizing key economic sectors to support sustainable growth and strengthen national competitiveness.

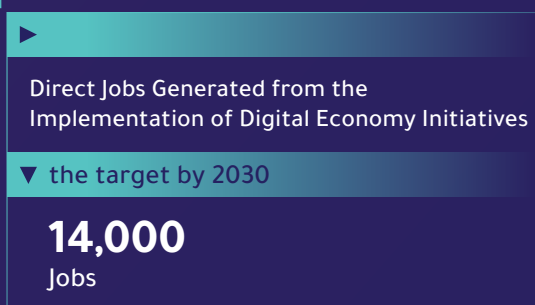
Strategic Direction for Digital Economy



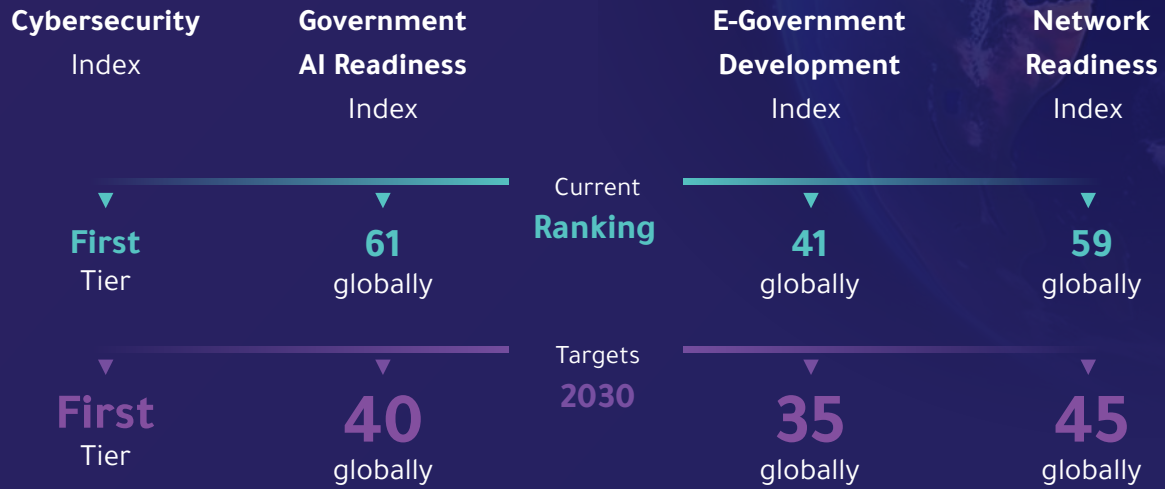
Key Priorities and Outlook for the Next Five Years

Key Targets by 2030

The key targets of the second phase reflect the national ambition to enhance the contribution of the digital economy and strengthen the Sultanate of Oman's competitiveness regionally and globally. The following table presents the most prominent targets.



International Indices



Main Future Direction (2026-2030)

1

National Digital Transformation

Ministry of Transport, Communications, and Information Technology

2

Digital Industry

Ministry of Transport, Communications, and Information Technology

3

Cybersecurity Industry

Ministry of Transport, Communications, and Information Technology

4

Digital Infrastructure

Telecommunications Regulatory Authority

5

Artificial Intelligence

Ministry of Transport, Communications, and Information Technology

6

Digital Trade and E-Commerce

Ministry of Commerce, Industry, and Investment Promotion

7

Space Sector

Ministry of Transport, Communications, and Information Technology

8

Financial Technologies (FinTech)

Central Bank of Oman

Key Priorities and Outlook for the Next Five Years



National Digital Transformation

Establish digital transformation centers in every governorate of the Sultanate of Oman, aligned with each governorate's unique digital identity



Artificial Intelligence

Build a national ecosystem that delivers a transformative leap in government decision-making through an advanced predictive intelligence platform powered by a national large language model



Space Sector

Establish an integrated cloud-based environment to receive and process satellite data to support economic and research sectors



Digital Industry

Manufacture and assemble servers and cloud infrastructure equipment locally to reduce reliance on international suppliers



Cybersecurity Industry

Enable the expansion and growth of national cybersecurity companies



Digital Trade and E-Commerce

Position the Sultanate of Oman as a regional hub for global digital trade



Financial Technologies (FinTech)

Develop a national payment card that promotes financial sovereignty and reduces reliance on international providers



Digital Infrastructure

Enhance digital inclusion and improve the efficiency of telecommunications services, cloud infrastructure, and data center capabilities



