



The Hadatha Programme for Cybersecurity Development

2030 – 2026





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Leadership Message

In line with the Royal Directives, the pillars of Oman Vision 2040, and the objectives of the National Digital Economy Programme, the Hadatha Programme for Cybersecurity Development stands as a strategic national Programme aimed at establishing cybersecurity as an economic sector that supports economic diversification, a key enabler of digital transformation, and an enhancer of national digital sovereignty.

The upcoming phase of the programme (2026–2030) marks a qualitative shift from foundation to empowerment and sustainability. This will be achieved by developing and localising cyber solutions, empowering national competencies, supporting startups, and stimulating investment and innovation across the sector.

At its core, the programme thrives on collaboration with relevant government entities, the private sector, academic institutions, and local and international partners. It is driven by the conviction that that effective partnerships are fundamental to achieving its objectives and maximising its sustainable economic and developmental impact.

Alignment with **National Priorities**



01

Alignment with Oman Vision 2040

The Hadatha Programme for Cybersecurity Development contributes directly to achieving the Oman Vision 2040

objective by supporting economic diversification, strengthening knowledge- and innovation-driven sectors, and empowering value-added national projects. It also aligns with one of the main pillars of economic diversification, providing advanced infrastructure and technology that enables various sectors to adapt to rapid advancements and address evolving cybersecurity challenges.



02

Alignment with the National Five-Year Development Plan

The programme is closely aligned with the objectives of the National Five-Year Development Plan as one of the implementation programmes under the National Digital Economy Programme, a key priority within the Plan. It contributes to the achievement of national targets by encouraging investment in advanced technologies, empowering startups and small and medium-sized enterprises (SMEs), and developing national capabilities. Therefore, it supports sustainable economic growth and creates innovation- and technology-driven economic opportunities.



03

Alignment with National Policies and the Digital Economy Ecosystem

The programme forms part of Oman's national Digital Economy Ecosystem as a supporting executive programme and complements national policies related to innovation, entrepreneurship, digital transformation, and local content development. It also plays a strategic role in establishing cybersecurity as a promising economic and industrial sector, contributing to enhancing the added value of the digital economy. Besides, it promotes integration between government entities, the private sector, and academic institutions to build a comprehensive and sustainable national cybersecurity ecosystem



04

Contribution to Economic Impact Drivers

01

Axis

Economic Growth

Role of the Programme

Establishing a national cybersecurity sector based on innovation and industry, motivating the growth of local enterprises, and enhancing the added value of the digital economy.

02

Axis

Employment and Capabilities Building

Role of the Programme

Providing job opportunities and specialised career paths, developing national capabilities, and promoting professional and technical awareness in the field of cybersecurity.

03

Axis

Investment and Competitiveness

Role of the Programme

Empowering local companies, stimulating entrepreneurship, and attracting quality partnerships and investments that support sector growth.

04

Axis

Digital Exports

Role of the Programme

Developing scalable and exportable national cybersecurity products and services, and strengthening competitive presence and technological sovereignty at regional and international levels.

The Programme's Journey: From Phase One to Phase Two



Key Achievements of Phase One (2021–2025)

Phase one successfully established the national foundation for the cybersecurity industry, delivering milestone achievements that strengthened the innovation ecosystem and enhanced national talents. It also fostered a supportive environment for startups and locally developed products. Thus, these efforts contributed to enhancing the Sultanate of Oman's regional and international presence, consolidating its position within the expanding global cybersecurity industry.



The Sultanate of Oman Ranked Among the Top Tier of Countries in Global Cybersecurity Readiness



Local Cybersecurity Products



Launch of the Cybersecurity Industry Development Watch Centre



Approved Initiatives under the Hadatha Programme



Local and International Events, Workshops & Competitions



New Startups Established



Frameworks and Studies Developed



International Awards Achieved



Omani Companies Achieved International Accreditation



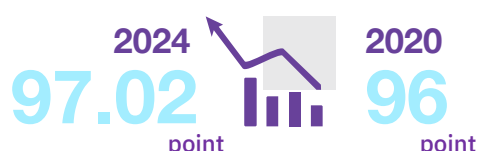
MoUs Signed



Investment Opportunities Structured



Hadatha Cybersecurity Centre Launched



Beneficiaries of the Cybersecurity Industry Development Programme

Key Findings

Phase one of the programme highlighted the importance of adopting an integrated approach that combines clarity of the vision, effective partnerships, and market-driven innovation, thereby contributing to achieving a sustainable economic and developmental impact. The experience identified several opportunities to enhance this approach during the upcoming phase, including:

Enhancing partnerships among the government, private, and academic sectors.

Enhancing integration and coordination among related initiatives and programmes.

Accelerating the transformation of initiatives and projects into sustainable economic outcomes.

Strengthening digital sovereignty and empowering the Omani presence in regional and global markets through digital products, services, and expertise.

Supporting the growth of the entrepreneurship and innovation ecosystem in the field of cybersecurity.

Broadening the horizons of economic and investment partnerships at both local and international levels.



Transition to Phase Two

Building upon a solid foundation established over recent years, the Hadatha Programme for Cybersecurity Development

launches its second phase as an approved national framework. This framework is dedicated to supporting investment and innovation, empowering national talent, and fostering the growth of companies and entrepreneurship within the cybersecurity sector. Furthermore, the first phase contributed to strengthening the programme's presence, expanding its beneficiary base, and building an effective partnership network. Thus, it provides a solid foundation for transitioning into a more mature and impactful phase.



Executive Summary



The Programme's National Role

01 The Hadatha Programme for Cybersecurity Development

is one of the executive programmes supporting the National Digital Economy Programme in the Sultanate of Oman. It constitutes a strategic pillar for building a diversified, sustainable digital economy based on knowledge and innovation. In addition, the programme reflects the national strategic direction towards establishing cybersecurity as a promising economic and industrial sector that contributes to diversifying income sources, stimulating investment, and enhancing the competitiveness of the national economy and its digital sovereignty.



What will Phase Two (2026–2030) achieve?

02
Phase Two focuses on transitioning from the foundation-building to maximising economic and industrial impact. This will be achieved through:

Supporting the development of scalable and commercially viable cybersecurity products and services.

Empowering an integrated national ecosystem that supports innovation business growth, and investment attraction.

Enabling national companies to expand and compete at both regional and international levels.

Expanding the scope of partnerships with the public and private sectors, academic institutions, and investors.

Fostering an entrepreneurial environment and aligning research and development with market needs and economic opportunities.

Anticipated Economic Impact

The programme contributes to achieving a direct economic impact

The programme contributes to achieving both direct and indirect economic impacts by promoting the growth of the digital economy, stimulating investment, and enhancing the competitiveness of national companies.



Direct Economic Impact

- Attracting quality investments in the cybersecurity sector.
- Developing the market for cybersecurity products and services.
- Creating new business opportunities for companies and entrepreneurs.



Indirect Economic Impact

- Enhancing local content.
- Increasing the added value of the digital economy.
- Supporting the growth of national companies and strengthening their competitiveness and sustainability.

Phase Two Strategy (2026–2030)



Strategic Objectives

- Alignment with Oman Vision 2040 and establishing cybersecurity as a key pillar supporting economic diversification.
- Enhancing integration with the digital economy ecosystem to support digital transformation and sustainability.
- Building a comprehensive national ecosystem based on partnerships and collaboration among relevant sectors.
- Developing national capabilities and advancing human capital in the field of cybersecurity.
- Empowering startups and small and medium-sized enterprises (SMEs), and fostering their growth opportunities and sustainability.
- Supporting innovation, research, and development to create national cyber solutions and technologies.
- Enhancing the competitiveness of national companies and enabling their access to regional and global markets.
- Expanding the scope of regional and international collaboration through impactful strategic partnerships.
- Solidifying the Sultanate of Oman as a distinguished regional and international hub for cybersecurity.

Executive Tracks



Track
KAFA'A

4

**Number
of initiatives**



Objective Developing cybersecurity competencies and skills, while promoting freelancing and entrepreneurship.



Track
INTILÃQA

3

**Number
of initiatives**



Objective Empowering the growth of national companies and supporting their local, regional, and international expansion



Track
TANMIYA

4

**Number
of initiatives**



Objective Fostering innovation and advancing national products and solutions.



Track
TAHFEEZ

4

**Number
of initiatives**



Objective Stimulating the market growth and attracting investors.



Track
TAMAYUZ

5

**Number
of initiatives**



Objective Enhancing national and international competitiveness, while measuring performance and impact.



Track
SHARAKA

4

**Number
of initiatives**



Objective Expanding regional and international presence and collaboration.



Track
THEQA

4

**Number
of initiatives**



Objective Strengthening digital trust and ensuring a secure and reliable online environment.



Track
TAKĀMUL

4

**Number
of initiatives**



Objective Embedding cybersecurity integration at both the strategic and operational levels.

Strategic Initiatives Portfolio (32 Initiatives)





KAFA'A Track

01

Initiatives

Developing Capabilities
for Cybersecurity
Freelancing

Description

Equipping job seekers with
cybersecurity freelancing skills
on global platforms.

02

Cybersecurity
Industry Bootcamps

Organising bootcamps focused on
innovation, project building, and
prototyping in cybersecurity.

03

Cyber Readiness
Index for Students
and Job Seekers

A smart tool that measures youth
readiness for the cybersecurity
market through practical
assessments, technical skills, and
mock interviews.

04

Aligning Cybersecurity
Educational Outcomes
with Market Needs

An analytical tool to measure the
alignment of academic curricula with
market demands and identify gaps.



INTILÃQA Track

05

Initiatives

Developing the Maturity of Cybersecurity Companies

Description

A programme to elevate the readiness of national companies to achieve international accreditation (), aiming to enhance service quality and boost the competitiveness of Omani companies in local and regional markets.

06

Securing SMEs and Startups: (Amanuk Awalan)

Providing free or low-cost tools to protect small enterprises, analyse risks, and enhance cybersecurity.

07

Empowering the Private Sector to Deliver Cybersecurity Services: (Isnad Initiative)

Transferring the management of government network services and e-authentication (PKI) to the private sector in accordance with approved standards, to foster partnership and improve service efficiency.



TANMIYA Track

08

Initiatives

Hadatha Cybersecurity
Centres

Description

Establishing university and industrial innovation centres to support the development of national solutions, empowering researchers and startups to test, experiment, and develop within an advanced environment.

09

Cybersecurity
Acceleration
Programmes

Organising accelerator programmes targeting entrepreneurial ideas and startups to develop market-ready products within a short and intensive timeframe.

10

General and Sector-
Specific Cybersecurity
Hackathons

Hosting youth hackathons to develop solutions for cybersecurity challenges across the national industry, transforming ideas into ready prototypes.

11

Supporting Early-
Stage Startup
Products

Activating and developing the “Sandbox” platform to test and evaluate national products, helping startups enhance their products and accelerate market entry.



TAHFEEZ Track

12

Initiatives

Enhancing Market
Growth and Investment
in Cybersecuritys

Description

Periodic reports featuring indicators, statistics, and figures to enhance market growth and investment in the cybersecurity industry, targeted at local and international institutions, companies, and investors to support decision-making.

13

Hadatha
Cybersecurity
Industry Forum

An exhibition that brings together national and international companies, alongside investors, to showcase local products, innovations, and investment opportunities.

14

The Digital Consultant
for the Cybersecurity
Industry

An AI-powered digital advisory service providing real-time consultations to companies and individuals on cybersecurity and product development.

15

The National
Cybersecurity
Industry Campaign

An annual awareness initiative aimed at promoting the national cybersecurity industry, focusing on innovation, entrepreneurship, freelancing, and career paths, while delivering interactive content that connects innovators, students, and companies.



TAMAYUZ Track

16

Initiatives

The National
Cybersecurity Index

Description

An annual index that measures the cyber readiness of government entities to improve protection levels and enhance the national governance framework.

17

The Global
Cybersecurity Index

An initiative to ensure ongoing compliance with global index requirements annually rather than just during evaluation periods, aimed at maintaining the Sultanate of Oman's global competitiveness.

18

The National
Cybersecurity
Industry Development
Index

An annual publication to assess the readiness of the cybersecurity industry and measure growth, enabling progress tracking and enhancing the plans.

19

The Cybersecurity
Industry Development
Watch Centre

A national centre operated to monitor the development of the cybersecurity industry, gather data, and track the growth of companies, skills, and investments.

20

Hadatha Excellence
for Cybersecurity
Industry

An annual award targeting individuals, institutions, and companies to incentivise achievement, foster innovation, and elevate the quality of the national industry.



SHARAKA Track

21

Initiatives

Cybersecurity
Diplomacy

Description

A programme to enhance the Sultanate of Oman's international role in cyber security and cyber peace, and to build global relations and partnerships that support the digital economy.

22

Regional
Cybersecurity Week

An annual regional event bringing together experts and companies from Arab and Islamic nations to foster collaboration, exchange knowledge, and drive investment

23

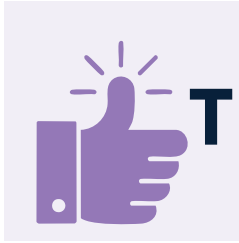
Assessing the
Cybersecurity
Industry Environment

Enhancing the cyber readiness of Arab and Islamic nations, providing a comprehensive guide to assist government entities, academic institutions, SMEs, and the private sector in assessing and strengthening their cybersecurity capabilities.

24

MoUs in the
Cybersecurity
Industry

Promoting collaboration and partnerships to facilitate the exchange of expertise and knowledge, support innovation, develop national talents, stimulate investment, and drive the growth of the cybersecurity industry.



THEQA Track

25

Initiatives

Linking Digital Government Platforms with The Digital Trust

Description

Enhancing the integration of digital government platforms with the digital trust ecosystem to ensure the reliability of electronic transactions and services..

26

Regulating Digital Trust Service Providers

Establishing regulatory and procedural frameworks for delivering digital trust services in accordance with best practices and approved standards.

27

Enabling the Private Sector to Connect with The Digital Trust Ecosystem

Supporting and empowering private sector institutions to leverage digital trust services, and enhancing integration with them.

28

The Electronic Transactions Law

Drafting and issuing the executive regulations governing the implementation of the Electronic Transactions Law to keep pace with digital developments.



TAKĀMUL Track

29

Initiatives

National Cybersecurity
Strategies and Plans

Description

Developing and updating national strategies and plans to strengthen the cybersecurity ecosystem at the national level.

30

National
Cybersecurity
Initiatives

Establishing national initiatives and programmes contributing to elevating readiness and enhancing capabilities in cybersecurity.

31

Regulatory and
Legal Enablers for
the Cybersecurity
Industry

Formulating and developing legal and regulatory frameworks, alongside policies that support the growth and development of the cybersecurity industry.

32

Public-Private
Integration in the
Cybersecurity
Industry

Promoting collaboration and partnership between government entities and the private sector to support and develop the cybersecurity industry.

Key Performance Indicators & National Impact by 2030



Expected Impact by 2030



Creating sustainable employment and income opportunities in cybersecurity, entrepreneurship, and freelancing



Developing a more capable and future-ready national workforce.



Increasing the number of national companies and enabling startups growth to become more competitive



Attracting high-value investments into the cybersecurity sector.



Developing export-ready Omani cybersecurity products and services, while strengthening Oman's presence in regional and international markets.



Enhancing the added value to the national economy and strengthening digital sovereignty.



Diversifying income sources and establishing cybersecurity as a sustainable economic sector.

Executive Roles and **Governance** Model



Programme Executive Model

The Hadatha Programme for Cybersecurity Development is led by the Ministry of Transport, Communications and Information Technology,

represented by Oman National CERT, which is responsible for leading and overseeing the programme implementation. This includes guiding strategic tracks, monitoring the execution of initiatives, and ensuring alignment with the objectives of the National Digital Economy Programme and other relevant national priorities.

Furthermore, the leading entity is responsible for monitoring performance, measuring outcomes, and fostering integration among partners. Thus, these efforts support the achievement of the targeted economic and developmental impact, as well as the sustainability of the programme's outputs.

	Entity	Role
01	Government sector	Establishing regulatory frameworks and enabling policies, alongside providing institutional support.
02	Private sector	Developing cyber solutions and services, while contributing to market growth and enhancing competitiveness.
03	Industrial sector	Transforming innovation and research into commercially scalable products and services.
04	Investors	Funding promising initiatives and companies, and supporting their growth, expansion, and sustainability.
05	Individuals	Contributing to the development of national talent, entrepreneurship, and innovation within the cybersecurity sector.

Programme Governance and **Risk Management**

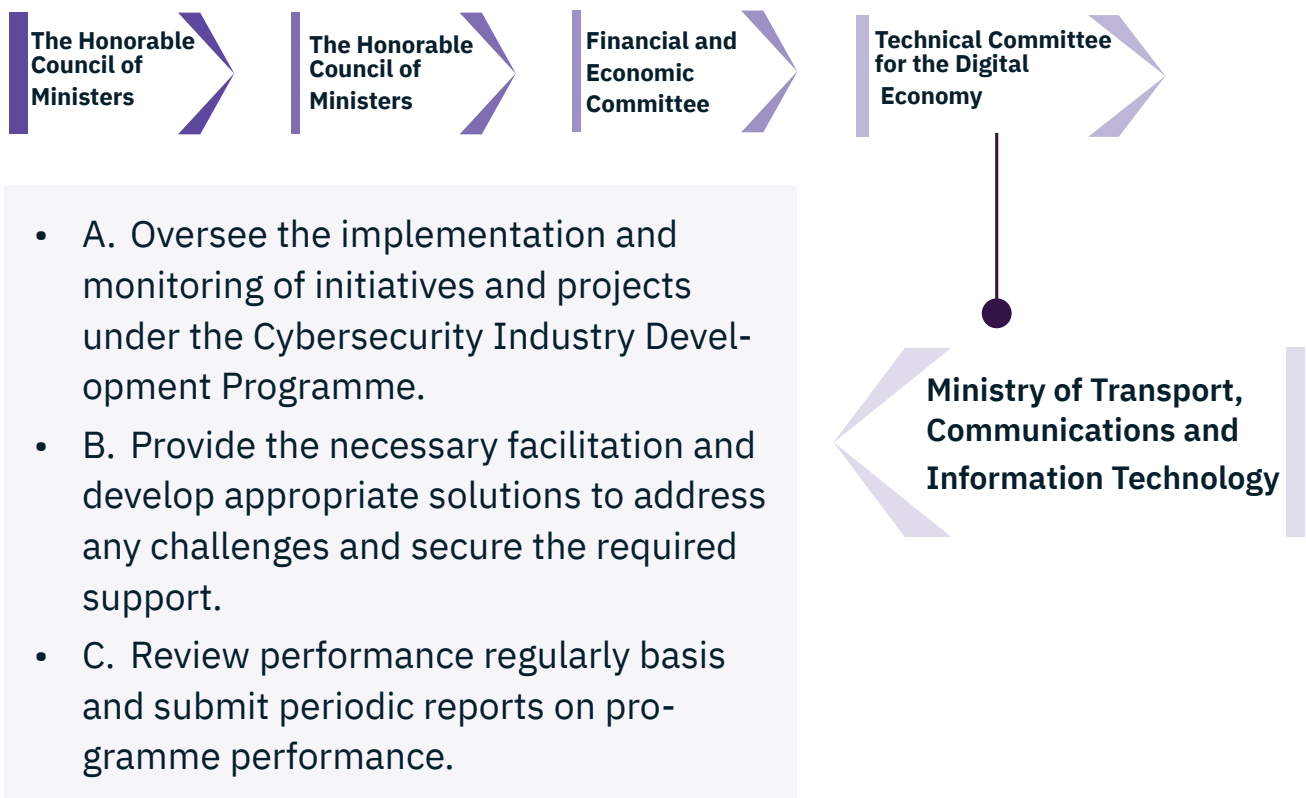


The programme relies on a clear and effective governance model that ensures efficient decision-making

enhances accountability, and elevates coordination among relevant entities, thereby supporting the achievement of objectives and efficient implementation monitoring. Furthermore, the programme adopts a proactive approach to managing risks and challenges to guarantee implementation continuity and maximise impact.

Governance and monitoring mechanisms include:

- **Periodically reviewing** the progress made in executing initiatives and projects.
- **Activating clear escalation** mechanisms to address obstacles that require intervention or additional support.
- **Preparing and submitting periodic reports** that include performance indicators, achievement levels, and existing challenges.



Investment and Partnership Window



Investment Proposition

01 The Hadatha Programme for Cybersecurity Development

represents a strategic investment opportunity in one of the fastest-growing digital sectors. It based on clear national directives, a rising demand for cybersecurity solutions and services, and a supportive environment for innovation and technological advancement. Moreover, the programme founded on empowering national industry, linking innovation with investment, and fostering high-value partnerships that contribute to the development of a sustainable cybersecurity ecosystem.



Partnership Opportunities by Target Group

01

Investors and Investment Funds:

- Investing in promising national cybersecurity companies and products.
- Entering into long-term strategic partnerships.
- Contributing to the development of digital assets and platforms that support the growth of the cybersecurity industry.

02

Local and International Technology Partners

- Leveraging opportunities for the joint development of cybersecurity solutions and services.
- Sharing knowledge and expertise, and building specialised capabilities.
- Expanding regionally through the Omani market and the programme's ecosystem.

03

Startups and Entrepreneurs

- Leveraging opportunities for the joint development of cybersecurity solutions and services.
- Accessing target markets and accelerating growth and expansion.
- Leveraging the innovation ecosystem and partnerships provided by the programme.

04

Academic and Research Institutions

- Conducting joint projects in research, development, and innovation.
- Supporting capability building and specialised knowledge transfer.
- Strengthening alignment between education, scientific research, and industry needs.

Summary and Call for Partnership



Programme Summary

In its second phase (2026-2030), the Hadatha Programme for Cybersecurity

Development serves as an executive national framework aimed at empowering the cybersecurity industry as a promising economic sector. This is achieved by fostering innovation, supporting the growth of national companies, attracting high-value investment, and strengthening digital sovereignty, thereby contributing to the targets of the digital economy and economic diversification

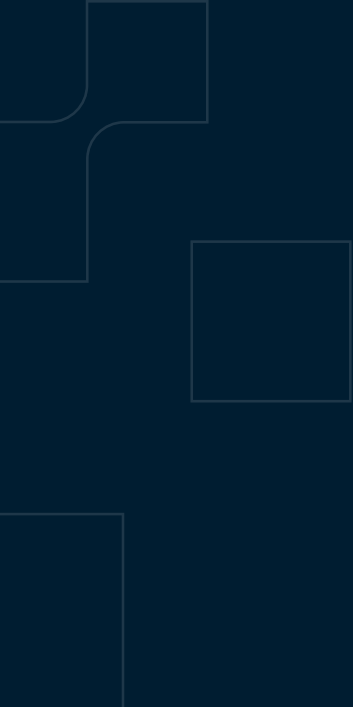
The programme is not merely a collection of initiatives and projects; rather, it constitutes an integrated national platform. It brings together government entities, the private sector, investors, academic institutions, and entrepreneurs to build a sustainable ecosystem capable of transforming knowledge and innovation into economic added value. Thus, it enhances the Sultanate of Oman's regional and international competitiveness and strengthens its position as an active hub in the cybersecurity industry.

Open Call for Investment and Partnership

The Hadatha Programme for Cybersecurity Development invites

local and international investors and partners to contribute to building a promising national cybersecurity industry based on innovation, knowledge, and global competitiveness.

The Programme recognises that effective partnerships and high-value investments are key drivers of sector growth and long-term sustainability. They play a vital role in accelerating the development of national cybersecurity products and solutions, unlocking new opportunities for growth and expansion, and strengthening the Sultanate of Oman's presence as an active regional and international hub in the cybersecurity industry.



+968 2416 6828



Hadatha@mtcit.gov.om



@omancert



@oman_cert