

Makeen

The National Digital
Upskilling Initiative

2021-2025 From Qualification to Impact





“Based on our recognition of the importance of diversifying sources of income founded on technology, knowledge, and innovation, we are committed to making the digital economy a priority and a key contributor to the national economy. We have also directed the establishment of a national programme for the implementation and localisation of artificial intelligence technologies, while accelerating the development of legislation that will position these technologies as key enablers and drivers of these sectors.”

His Majesty Sultan Haitham bin Tarik



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Makeen Initiative

The Makeen Initiative is a strategic national initiative implemented by the Ministry of Transport, Communications and Information Technology. It forms part of the Digital Industry Programme, one of the programmes under the National Programme for the Digital Economy. The initiative aims to equip Omani youth with the advanced digital skills most in demand in the labour market, with the objective of developing national talent capable of keeping pace with digital transformation and promoting sustainable investment in human capital.



Objectives of Makeeen

- Enhance the competitiveness of Omani youth for roles that require advanced digital skills.
- Bridge the gap between ICT education outcomes and labour market needs.
- Build strategic and sustainable partnerships with leading international institutions in digital training and capacity building.



The Makeen Journey

2021

Assessment and
Exploration

2022

Launch of the
Initiative

2023

Launch of Core
Programmes

2024

Accelerated
Growth

2025

Harvesting the
Outcomes of the
Initiative

Makeen Achievements

11,001

beneficiaries from
training programmes

30+

specialised technical

139

programmes
implemented

27,000+

registered participants
in Makeen programmes

14+

Participation in local
and international

12,720

participants in the Tec
Competitions

2,955

Micro-degree in Advance
Digital Skills

%50

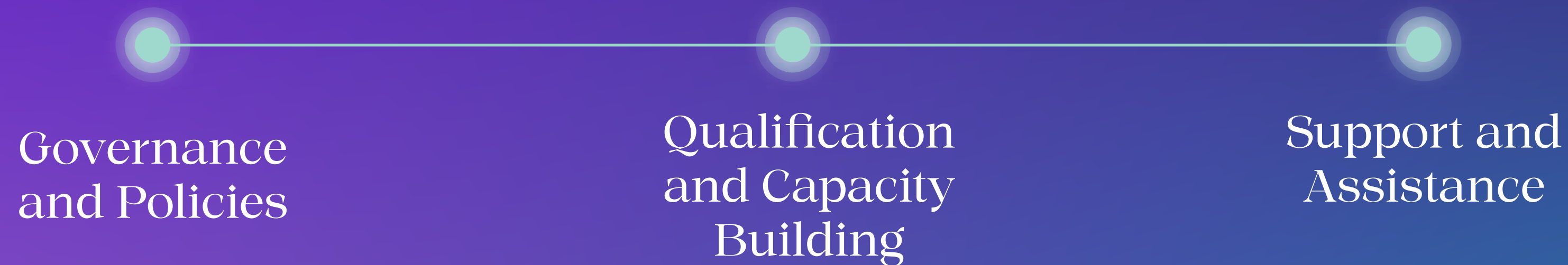
employment rate among
Tech Bootcamp outputs

Annual Growth of Makeen



Makeen for Enhancing Employment Governance

The Employment Governance Framework aims to increase Omanisation rates in ICT sector companies and professions through three key pillars:



The Makeen Initiative contributes to strengthening the Employment Governance Framework through **the pillar of Qualification and Capacity Building.**



Percentage of Omanis working in the ICT sector
out of the total workforce in sector activities

2025

%45.5

2024

%41.5

Percentage of Omanis in technical, specialised
and leadership roles in the ICT sector

2025

%69

2024

%63

Makeen digital Tracks



Tech Bootcamps

Intensive, in-person practical training programmes extending over six months in specialised technical domains.

116

beneficiarie

Software
Development

175

beneficiarie

Semiconductors

119

beneficiarie

Data & AI

45

beneficiarie

Cloud
Computing

9

beneficiaries

Networks

20

beneficiarie

Business
Analysis

20

beneficiarie

UI/UX Design

50

beneficiarie

Video Game
Development

66

beneficiarie

Cybersecurity

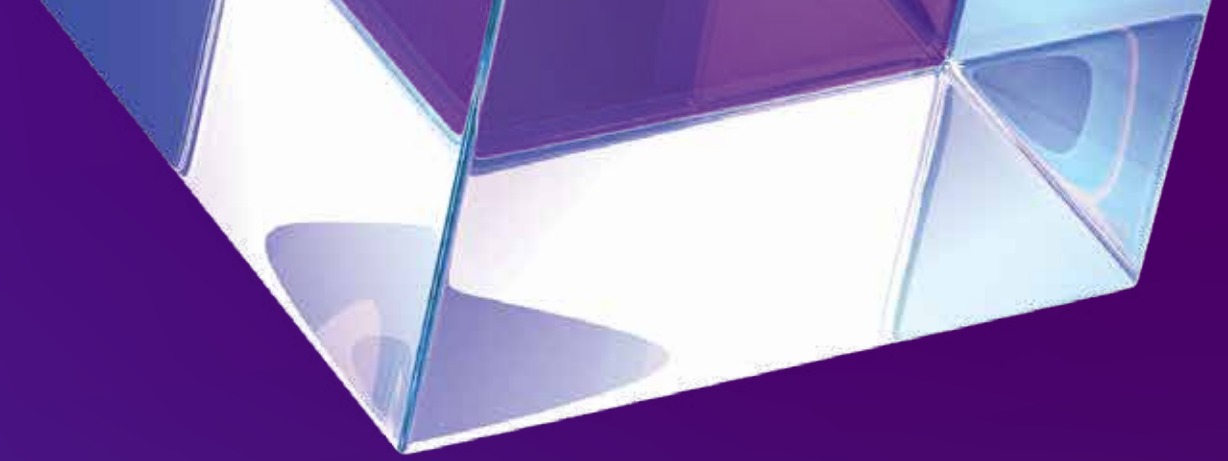
10

beneficiaries

IT Service
Management



Achievements



%50

- employment rate among bootcamp participants

28

- programmes implemented

%84

- employment rate in the first edition of Makeen Bootcamps

578

- beneficiaries

%21.5

- employment rate in the second edition of Makeen Bootcamps

288

- employed

Micro-degree in Advance Digital Skills

Intensive six-month training programmes in key fields through global or local platforms, and preparing independent professionals for the .Omani market

240

beneficiarie

Digital Product
Management

814

beneficiarie

Data & AI

514

beneficiarie

Digital Marketing

141

beneficiarie

UI/UX Design

200

beneficiarie

Video Game
Development

546

beneficiarie

Front-End Web
Development

Achievements

2429

● Micro-degree in Advance Digital Skills earned

28

● programmes implemented

401

● employed

2955

● beneficiaries

ICT Professional Specialized

ICT Professional Specialized Certificate focused on leading technologies in the market, including Huawei, Cisco, Microsoft and others, with the aim of supplying the market with specialists holding internationally recognised professional certifications from technology companies.

Key Technologies Covered



Space Technologies



Amazon Technologies



Huawei Technologies



Drone Technologies



Google Technologies



Cisco Technologies



Other Emerging
Technologies



Unity Game
DevelopmentEngine



Microsoft Technologies



Achievements

998

beneficiaries

Software Development

4507

beneficiaries

IT Service Management

461

beneficiaries

Infrastructure and Cloud
Computing

990

beneficiaries

Data & AI

364

beneficiaries

Drones

179

beneficiaries

Space Technologies



Achievements

74

● programmes implemented

7499

● beneficiaries



ICT Professional Examinations

This track aims to motivate talents and specialists in the field to obtain professional certifications that enhance their competencies and competitiveness in the labour market.

Supported Technologies



Microsoft



IBM



HP



Cisco



SAP



Linux

Google

Google



Huawei



Amazon

ORACLE

Oracle

CompTIA

CompTIA



Offsec



Adobe

EC-Council

EC-Council



Other Technologies



Red Hat



VMware

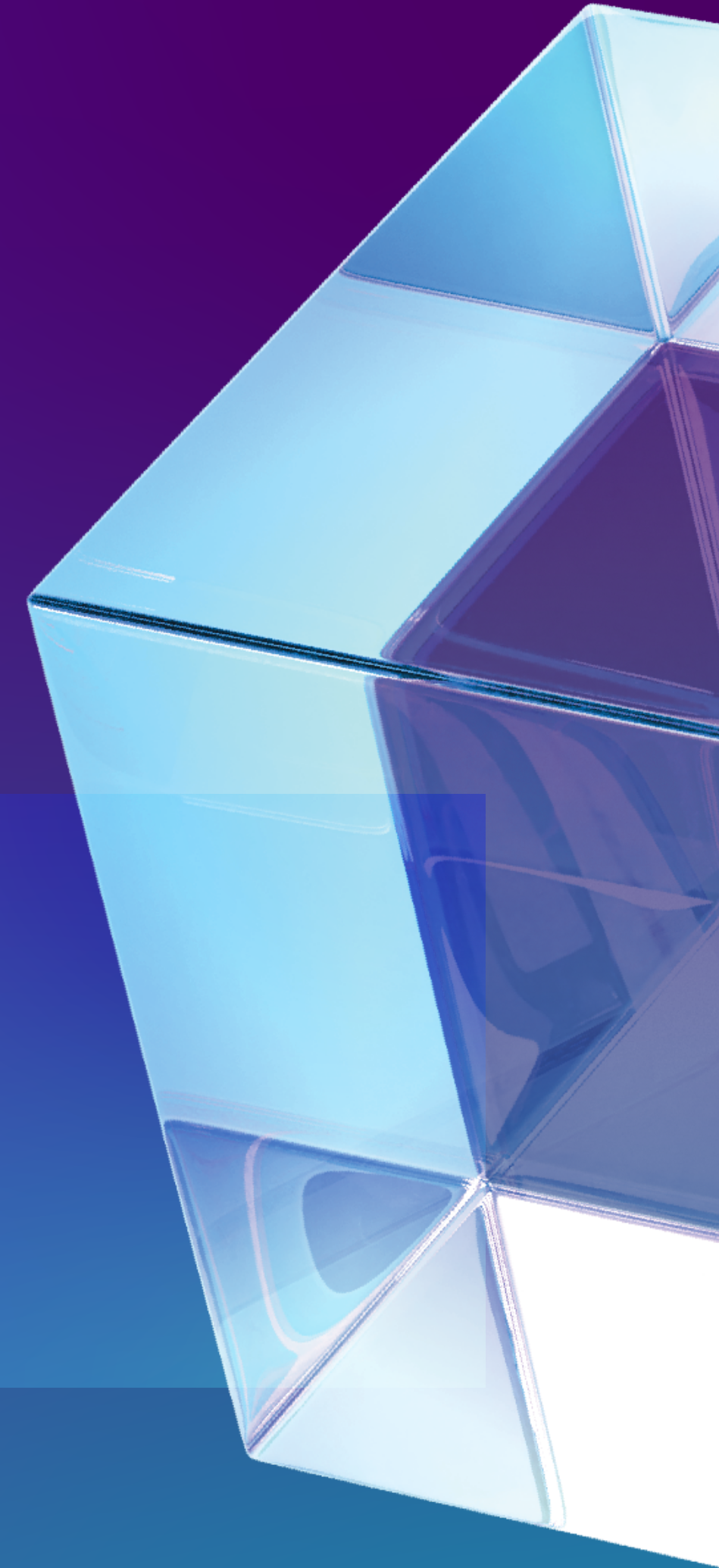
Achievements

+25

● supported technologies

151

● professional certifications
obtained



Tech Competitions

This track aims to stimulate the competitive capabilities of Omani youth through participation in local and international technology competitions.

Key Competitions Implemented

Oman Coding
Competition

Three editions

Oman AI-Powered
Drone Competition

Three editions

Huawei ICT
Competition

Tow editions

Engineer It with AI
Competition

One edition

Achievements

14

● local and regional competitions

48

● Participation from local and Arab universities and colleges

12,720

● participants

11

● Participation from

+310

● participating teams

Testimonials About Makeen



Khazi Al Rawas

Chief Executive Officer - Amwal Pay

“Makeen graduates have demonstrated outstanding competencies and specialised skills that have enabled them to achieve tangible results, reflecting their readiness to contribute effectively to the advancement of the payments and financial technology sector. This confirms the initiative’s success in preparing national talent capable of supporting digital transformation and driving the growth of the digital economy.”

Sabra Al Mahrouqi

Nama Water Services

“The outcomes of the Makeen Initiative have demonstrated its effectiveness in empowering Omani youth by enhancing their technical and professional skills while fostering commitment and innovation. This has enabled them to compete successfully in the labour market and contributed to the development of highly qualified national talent.”



Ahmed Al Amri

Rewan

“The impact of the Makeen Initiative has been clearly demonstrated through Rewan’s experience with the programme’s graduates. The training enabled them to integrate quickly into the workplace and effectively apply their technical skills in carrying out tasks and projects. This experience reflects the initiative’s success in preparing competent national talent capable of meeting labour market needs and supporting the technology sector.”



Testimonials About Makeen



Al Muhannad Al Farei

Data Science and Artificial Intelligence Track

“At Makeen, we learned how to create opportunities for ourselves and transform our passion for technology into real skills demanded by the labour market.”



Asayel Al Shukaili

Web Development Track

“Makeen was not merely a training experience, but a true turning point that gave me the confidence to become an active contributor to the labour market, where I now work in digital training and development.”



Idris Al Dhabouni

Cloud Computing Track

“Makeen Camps were not merely a training experience; they were a genuine turning point in my professional life. They moved me from the stage of theoretical learning to the world of practical application with confidence and professionalism.”

Testimonials About Makeen



Deema Al Badi

Programming Pathway

“In the Makeen Video Game Development Bootcamp, I did not only learn how games are created, but how ideas can transform into vibrant worlds. It was an inspiring experience that encouraged me to innovate, refine my skills, and contribute passionately to the future of the digital gaming industry in Oman.”



Hamza Al Hussein

Drone Technologies

“Through Makeen, I gained enriching experiences that helped shape my professional path in unmanned aerial systems, driven by my belief in the field’s promising future. I achieved advanced standings in drone-related tracks, including artificial intelligence and remote-control systems.”



Wael Al Kalbani

Semiconductors

“My participation in the advanced specialised training programme in semiconductors has been a defining experience in my professional journey, particularly through the opportunity to travel to Taiwan, the global hub of this industry, and gain first-hand exposure to advanced technologies and industry practices.”

Makeen Talents

Graduate data from the Makeen Initiative across various fields can be accessed by submitting a request through the following link:

<https://makeen.gov.om/makeengraduatesAr>

For enquiries and communication with the team: FSS@mtcit.gov.om



Key Partners

Strategic Partners



Key Learning Partners



Key Partners

Key Success Partners





وزارة النقل والاتصالات وتقنية المعلومات
Ministry of Transport, Communications
and Information Technology

