



How is UAE Becoming A Global Digital Hub

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@DDSaeed



“We are in a race to the Day of Judgment with the whole world. We can advance with two things: with knowledge, and with the distinguished national cadres that will lead this country in the twenty-first and twenty-second century, with capabilities that seek the help of God, artificial intelligence and technology.”

- HH Sheikh Mohammed Bin Zayed Al Nahyan,
President of the United Arab Emirates

Drivers for Digitalization

- Resilience, efficiency and Sustainability
- Digitalizing economies
 - Hyperconnected devices, data and people
- Rise of tech focused young consumers
 - Rising expectations
- Customer Experience economy
 - Winning hearts, minds and pockets of customers
- Digital government and smart city initiatives
 - High demand for interconnection and greater bandwidth
- Post COVID-19 digital acceleration
 - Remote working and online learning
 - Rapid shift from on-premise to the cloud



- Our priorities are the development of the digital economy that will contribute to our national economy, reinforce the country's smart infrastructure, ensure our digital readiness and maintain the continuity of business of the UAE Government under all circumstances
- The digital economy is a key driver in the growth and development of many new national economic sectors, and will help reinforce our competitiveness in the global market and future economy

HH Sheikh

Mohammed bin Rashid Al Maktoum

UAE Vice President, Prime Minister
and Ruler of Dubai

f y i in t p @UAE Forsan



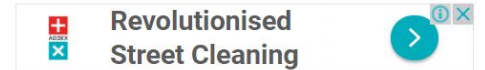
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UAE competitiveness in numbers

- **1st** regionally and **13th** globally in digital competitiveness. IMD GDCI 2022
- **1st** regionally and **13th** globally in e-Gov. UN e-Gov Survey 2022
- **4th** globally in legal frameworks adaptability to digital business
- **17th** globally in human capital and research. GII 2022
- **1st** regionally and **19th** globally in its ability to attract FDI. UNCTAD WIR 2022
- **2nd** globally in mobile internet and **3rd** in fixed broadband internet quality. DQL index 2022
- UAE digital economy doubled from **4.3%** in 2019 to **9.7%** in 2021 to over **20%** by 2031
- Dubai **1st** regionally and **5th** globally in the LOSI. UN e-Gov Survey 2022

UAE as world's most Covid-resilient country

- **COVID-19: A test for countries and governments resilience**
- **UAE ranked 1st** globally in Bloomberg's Covid resilience ranking
 - World's highest vaccination rate (100% for eligible vaccinated)
 - advanced technology, healthcare system, governance model and leadership
 - Extensive COVID-19 testing program and 2nd lab facility in the world
 - World leading role: top provider of humanitarian aid during the pandemic
- UAE ranked among **the top 10 countries** worldwide for its leadership and proactive approach during the COVID-19 pandemic. Global Response to Infectious Diseases (GRID) Index.



The story of the UAE is only just beginning

► It's been a challenging 12 months - but we have laid the foundation for a more vibrant future
writes Abdullah bin Zayed Al Nahyan



Falcon training in the Liwa desert in the Emirate of Abu Dhabi. AFP

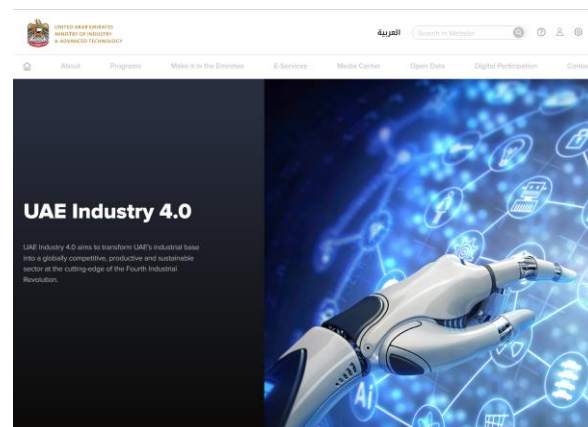
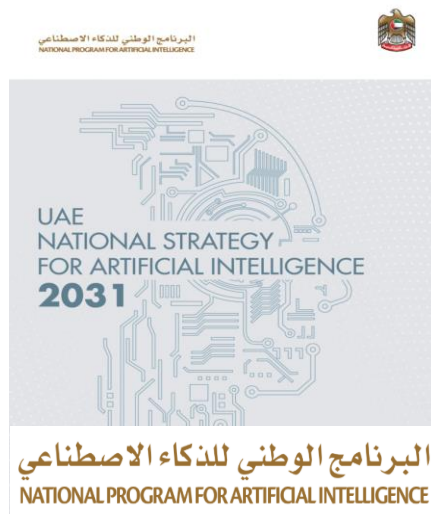
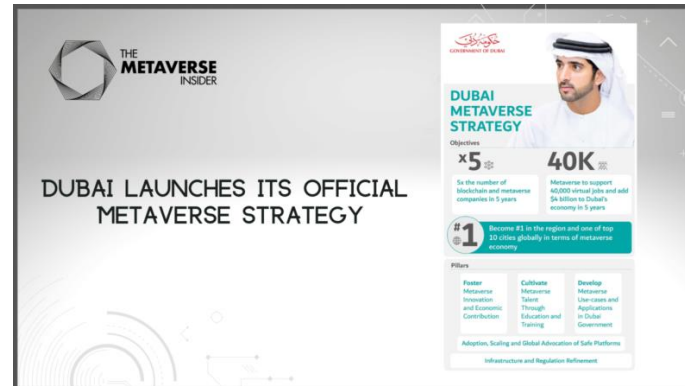


Abdullah bin Zayed Al Nahyan

January 17, 2021



UAE strategies for the digital economy



Entrepreneur
MIDDLE EAST

Attracting 300 digital startups in 2 years



Dubai Chamber of Digital Economy Debuts Roadshow Series To Attract Global Scaleups To Dubai

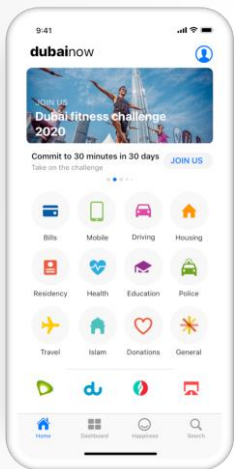
Dubai Chamber of Digital Economy, one of the three chambers operating under the umbrella of Dubai Chambers, has kicked off a new roadshow series in a bid to entice global scaleups to Dubai and support the development of the Emirate's digital economy.

By Entrepreneur Middle East Staff

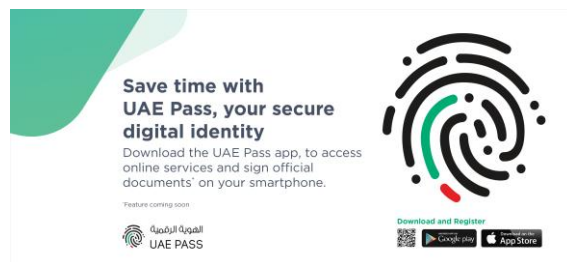
June 9, 2022

Digital transformation to reinvent government services

Mobile digital government



UAE Pass single sign on



Big data & predictive analytics



Automating ports operations



Education certificates on blockchain



Robotics automation in hospitals

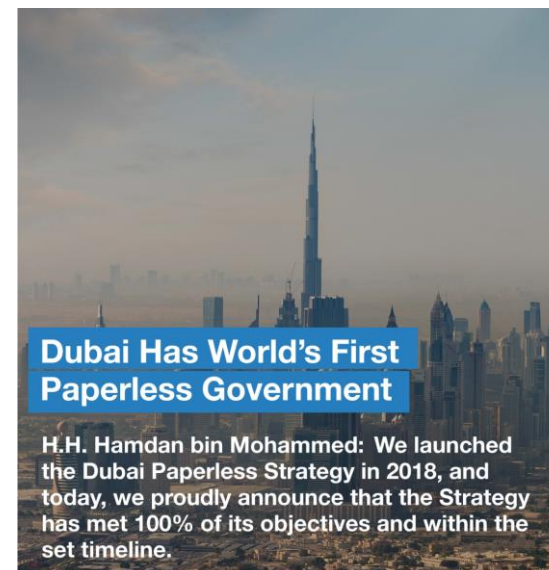


Dubai Hospital's newest employee is a robot pharmacist



By Mike Priest
Published on 3rd August 2017

Paperless government



Automating border control



UAE innovations using emerging technologies

Testing self-driving Taxi in Dubai



Bustanica: the world largest vertical farm



Autonomous vessels are now tested in Abu Dhabi

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**REGION'S FIRST UNCREWED
SURFACE VESSEL SETS SAIL IN
ABU DHABI**

Wednesday 26 October 2022 marks an important day for UAE as the region's first class-built Uncrewed Surface Vessel (USV) enters the water.



1st 3D printed building in the world



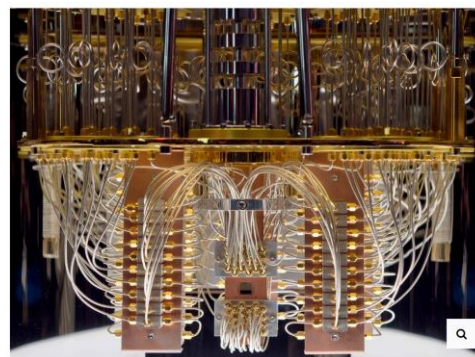
ADNOC cashier-less store



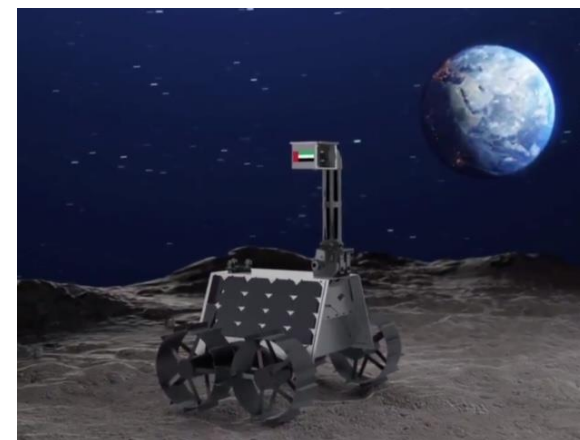
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Abu Dhabi enters race to build a viable quantum computer

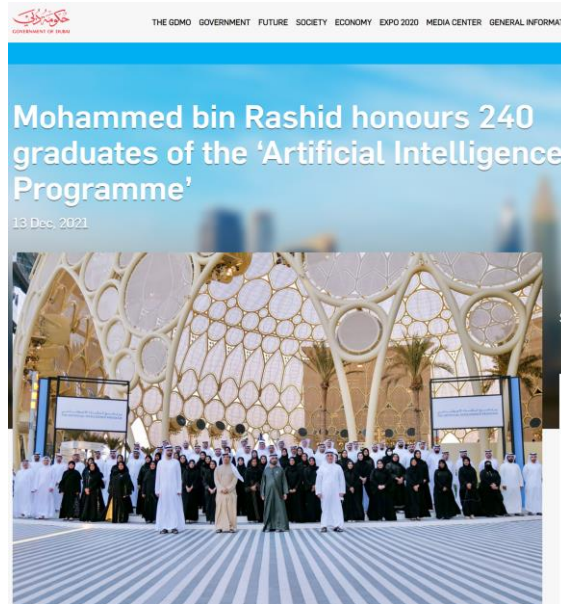
The UAE capital aims to produce simple chips by late summer, as part of a tech revolution it sees as important as the advent of the internet.



2022: Emirates Lunar Mission - Rashid



Building skilled national talent is a top priority for the UAE



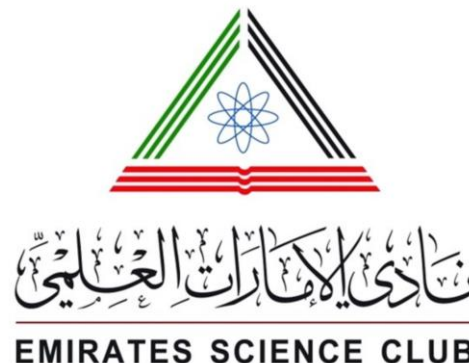
Year of Zayed national competitions for robotics, programming, and artificial intelligence



AL ITTIHAD NEWSPAPER – THE THIRD UAE IN THE WORLD IN THE VIRTUAL COMPETITION FOR SCIENCE AND TECHNOLOGY IN HONG KONG

August 4, 2020 UAE 17 Views

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UAE is the region leading Startup hub

- 55% of startups funding in the MENA from UAE
- Abu Dhabi Hub71
 - Ghadan Venture Fund: \$145 million by ADIO
 - MS, ADIO, ADGM, Softbank
- Dubai Startup hub
- AREA2071
- Sharjah Research, Technology & Innovation Park
 - A hub for several AI startups
 - Health tech, 3D printing
- Other accelerator programs
 - Dtec , Techstarts and Astrolabs (DMCC)
- EBTIC
 - Etisalat, BT, Khalifa university and ICT Fund
- Crypt Lab – Masdar City

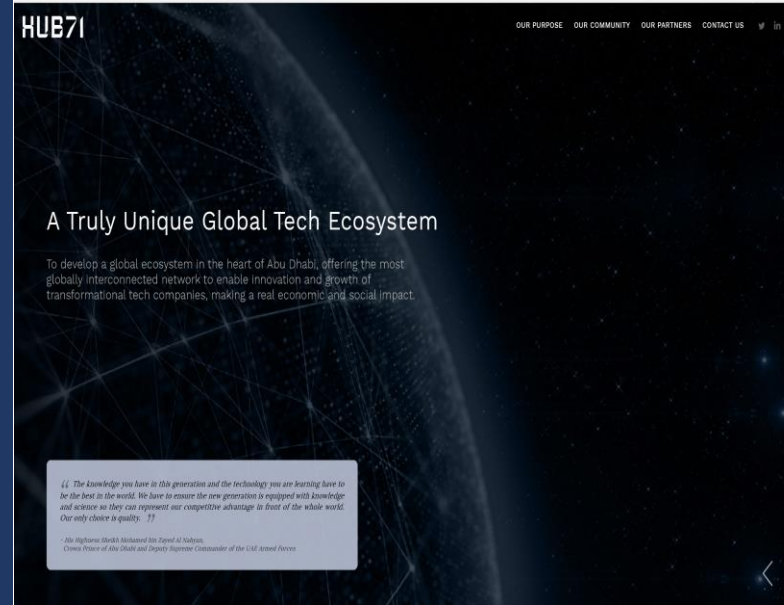


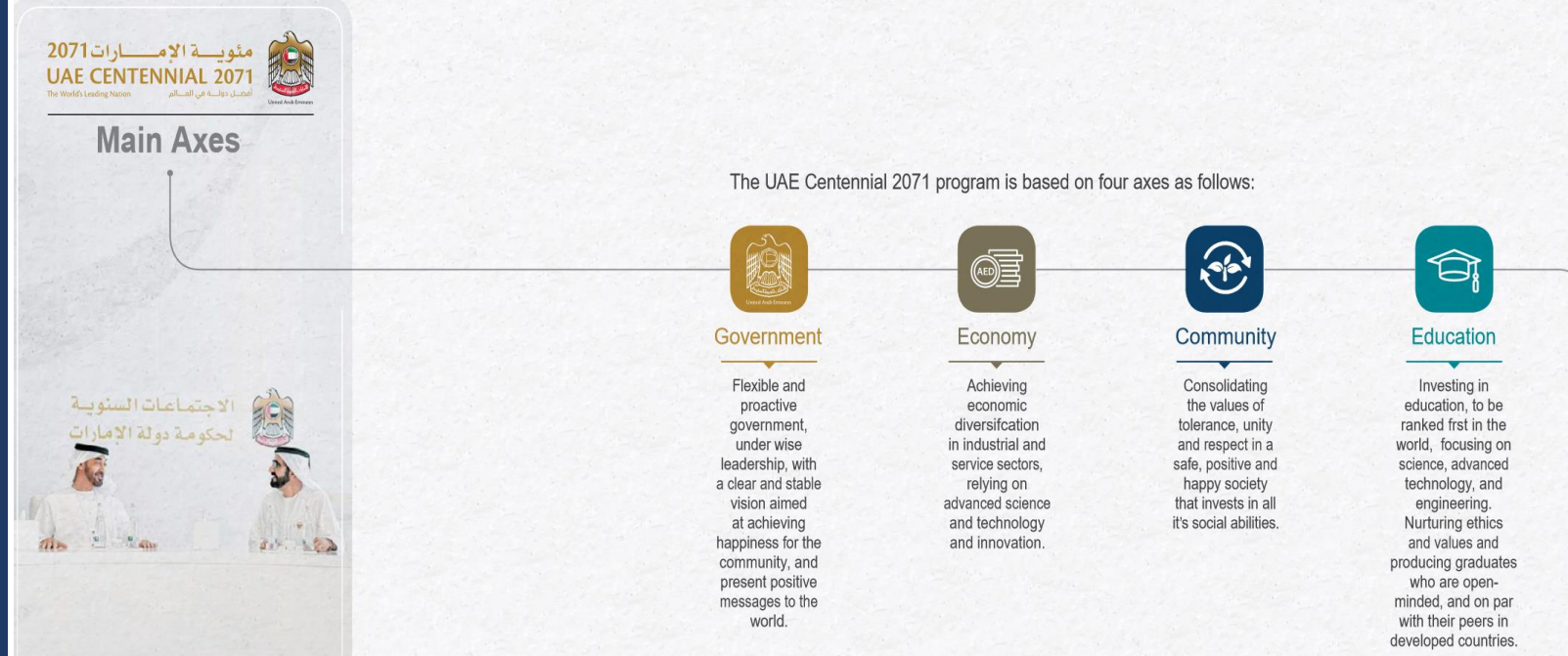
FIGURE 3
SCALEUP RELOCATION INSIDE MENA - TO DUBAI

Source: Mind the Bridge with the support of Crunchbase



Shaping the Future of the UAE

- UAE Centennial Plan 2071
 - Focus on building talents for the future
 - Focus on R & D
 - **Project 5bn:** A fund for Emirati startup projects in priority sectors
 - Unified investment platform
 - **Tech Drive:** AED 5bn fund to transform to industry 4.0
 - New regulations
- 2019: new initiatives
 - Ministry of Possibilities
 - UAE regulations Lab
- New approach for the government
 - Strategic Foresight approach to envision the future for the country



UNITED ARAB EMIRATES
MINISTRY OF POSSIBILITIES

A Virtual Ministry of the UAE Government

مختبر التشريعات
REGULATIONS LAB

UAE Government Initiative

مبادرة من حكومة الإمارات





Thank you