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DUBAI WORLD  
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#Futureurbanismexpo  
[www.futureurbanism.ae](http://www.futureurbanism.ae)



## ENABLING CONNECTIONS TO DESIGN A BETTER TOMORROW

Future Urbanism Smart City Summit & Expo Dubai is the premier global forum and sourcing platform for the world's most influential urbanists from the intersecting worlds of infrastructure, urban planning, development, investing and technology to co-create the innovative cities of tomorrow.

ORGANISED BY



مركز دبي التجاري العالمي  
DUBAI WORLD TRADE CENTRE



By **2050** approximately 66% of the global population will be living in urban areas.

There has never been a greater need for smarter placemaking in the public realm with sustainable & innovative infrastructures.

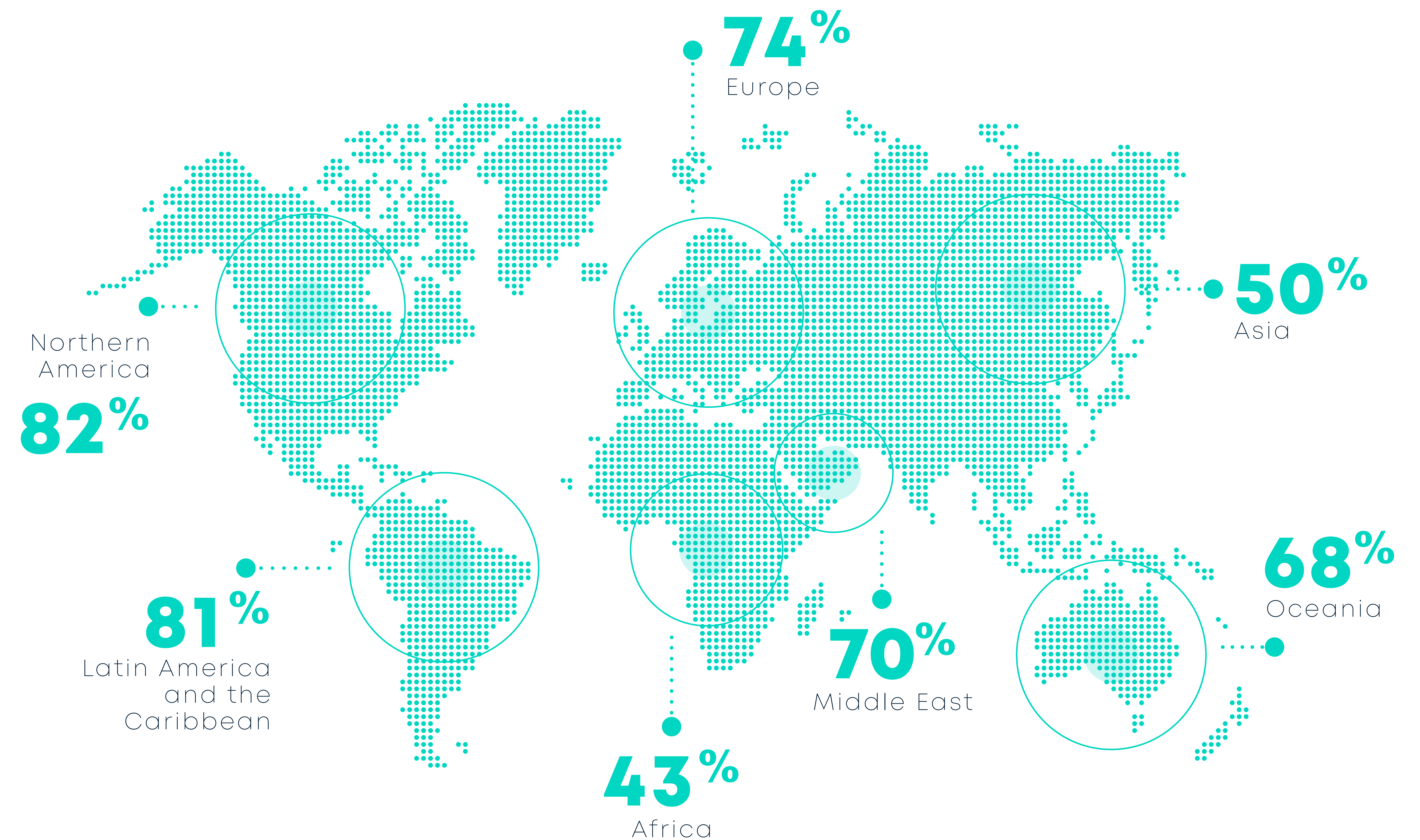
### The urban population expansion

**751**  
MILLION  
1950

**4.2**  
BILLION  
2018

**6.7**  
BILLION  
2050

### Global Level of Urbanisation





# FUTURE URBANISM TAKES PLACE IN THE WORLD'S MOST DYNAMIC CITY - DUBAI

## + **Strategic Plans**

The 2040 Urban Master Plan maps out a comprehensive plan for sustainable urban development in Dubai

## + **75 Key Initiatives**

Dubai Industrial Strategy 2030 seeks to firmly establish the city as a knowledge-based, sustainable and innovation-centric hub

## + **Hyperloop One**

World's fastest transit system to move freight being developed

## + **World's First Virtual Asset Regulatory Authority**

Dubai's Virtual Assets Regulatory Authority (VARA) established its Metaverse HQ in 'The Sandbox'

## + **World's First Paperless Government**

45 govt entities became 100% digital launching 1800+ digital services

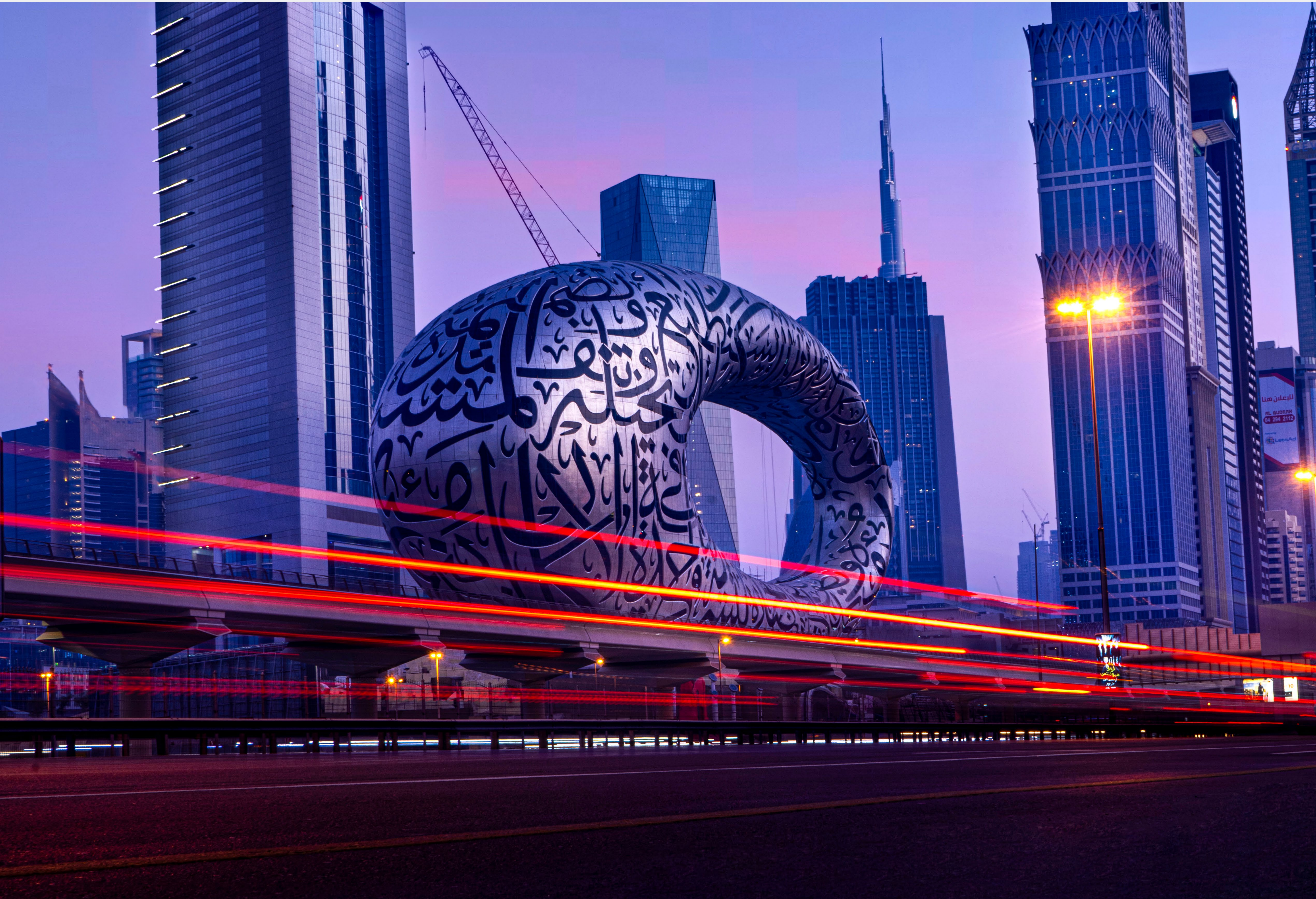
## + **25% Autonomous Transport**

Dubai Autonomous Transportation Strategy aims to transition 25% of the city's network to autonomous modes by 2030

Future Urbanism Smart City Summit & Expo is designed to be a multi-stakeholder meeting point – from technology enterprises to government entities to infrastructure planners – all coming together for a global exchange of innovations, solutions, ideas and insights on architecting the cities of tomorrow.



# Ministry of Energy & Infrastructure's foundational goals to power the next 50 years of growth:



## UAE Strategy

### Road to 2071

01

Introduce energy efficient systems in industrial and mining facilities, enact legislation for the production of clean energy and develop national cadres in the energy sector through cooperation with specialist institutes for geological research and development

02

Promote digital identity in infrastructure, demographic changes and urbanisation, interactive smart cities and resilient infrastructure

03

Design safe, integrated and sustainable transport networks that use advanced technology



# 2040 دبي DUBAI

Dubai, the best city for living in the world.

## Key outcomes of the Dubai 2040 Urban Master Plan



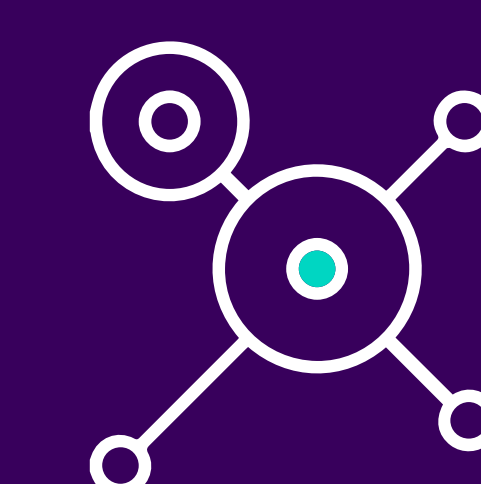
**5.8 million**

Total resident population in Dubai by 2040



**168Km<sup>2</sup>**

Land dedicated to industrial and economic activities



**Integrated Service Centres**

Providing all the need of the population through the development of Integrated Service Centres accessible using flexible and sustainable means of mobility



**Comprehensive and Flexible Law**

Issuance of an Urban Planning law to support sustainable development and improvement in the emirate



**5 Urban Centres**

Development of two additional urban centres



**National Housing**

Providing diverse options and solutions with the highest standards for more than 20 years



**60%**

Total of nature reserve and rural natural areas in the emirates



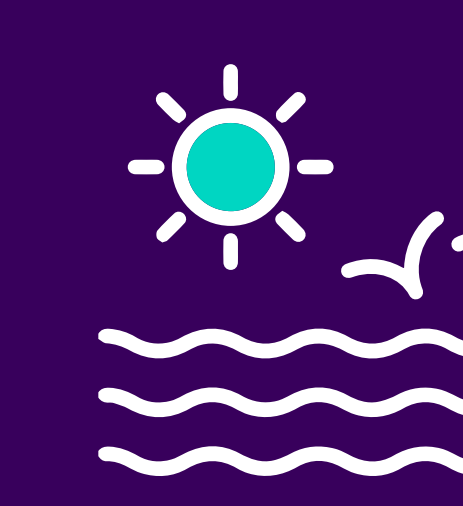
**55%**

Of the population will live within 800 meters from the main public transport stations



**+105%**

Doubling of the green and recreational areas



**+400%**

Increase in space dedicated for public beaches



**25%**

Increase in the space designated for educational and health facilities



**+134%**

Increase in space for hospitality (hotels) and tourism activities



# STATE OF THE REGION

## ABU DHABI

Abu Dhabi Vision 2030 focuses on sustainability, national economic development, clean energy initiatives and quality of life to create Abu Dhabi as the global capital city.

**50%**

Increase in resident population by 2030

**60%**

Increase in annual tourist visits by 2030

**686,000**

Residential units developed by 2030

**12%**

Increase in non-oil GDP

**AED 50B**

AED Abu Dhabi's accelerator Ghadan

## RAS AL KHAIMAH

Ras Al khaimah Vision 2030 focuses on sustainable tourism vision, urbanization and real estate achievements as part of the wider economic, environmental and social growth plan.

**3M**

Annual visitors by 2030

**100,000**

Cruise passengers by 2030

**15,000**

New hotel rooms by 2030

**24,000**

New jobs by 2030

**15**

New large-scale cultural events annually by 2030



# MEGA PROJECTS IN GCC

## SAUDI ARABIA

**Plan:** Vision 2030

**Focus areas:** Public sector models, quality of life, tourism and urban development projects

**\$1T**

Infrastructure projects announced by 2030

**65%**

Increase in private sector contribution to GDP by 2030

**100M**

Annual tourists by 2030

## BAHRAIN

**Plan:** Bahrain Vision 2030

**Focus areas:** Competitive economy, efficient and effective government & sustainability focused society

Development of

**\$2.5B**

Investment into waterfront community, Bahrain Bay by 2030

Sqm

**432,000**

Size of Bahrain Bay island that will connect to the mainland by 2030

## KUWAIT

**Plan:** Vision 2035 “New Kuwait”

**Focus areas:** Diversified economy, sustainable environment & global positioning

**18**

Meters high adventure trail in Messilah Beach by 2035

**42,000**

Square meters of recreational space at Fahaheel Water Front by 2035

**3**

New economic zones by 2035

## OMAN

**Plan:** Oman 2040

**Focus areas:** Digitization, economic productivity & prosperous society

AED

**129B**

Investment in NTS; 88% expected from private sector by 2040

**14**

New clusters around the sultanate to be developed 2040

**5K**

New Jobs created; 75% for Omanis by 2040

**11.7M**

Annual tourist by 2040



# UPCOMING SMART CITY PROJECTS IN AFRICA

## New Administrative Capital EGYPT



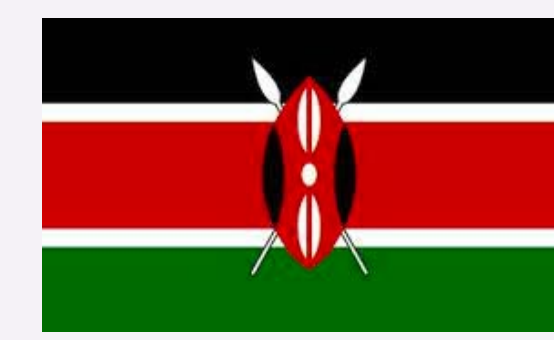
The largest urban community in the world constituting of Egypt's parliament and government ministries, the NAC will boast a 358m high Iconic Tower which will be the tallest structure in Africa.

**\$58B**  
of investment

**170,000**  
acres

**1M**  
new jobs created

## Konza Technopolis KENYA



A key flagship project of Kenya's Vision 2030 economic development portfolio. This project aims to develop a thriving sustainable smart city and a vibrant innovation ecosystem.

**\$14.5B**  
of investment

**5,000**  
acres

**200,000**  
new jobs created

## Kigali Innovation City RWANDA



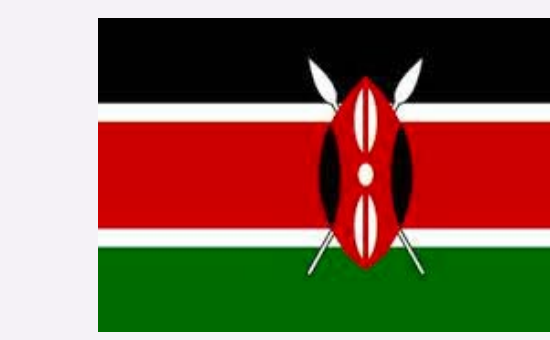
In 2021, the Ministry of ICT and Innovation of Rwanda unveiled the KIC urban masterplan to construct a mixed-use, pan-African innovation hub that will develop cutting-edge solutions to stimulate economic growth in the region.

**\$300M+**  
of investment

**50,000**  
new jobs created

**\$150M**  
in ICT exports

## Tatu City KENYA



The largest private development in Kenya which is redefining the quality and scale of urbanization. The main aim is to accelerate the transformation of Kenya into a newly industrialized globally competitive nation by 2030.

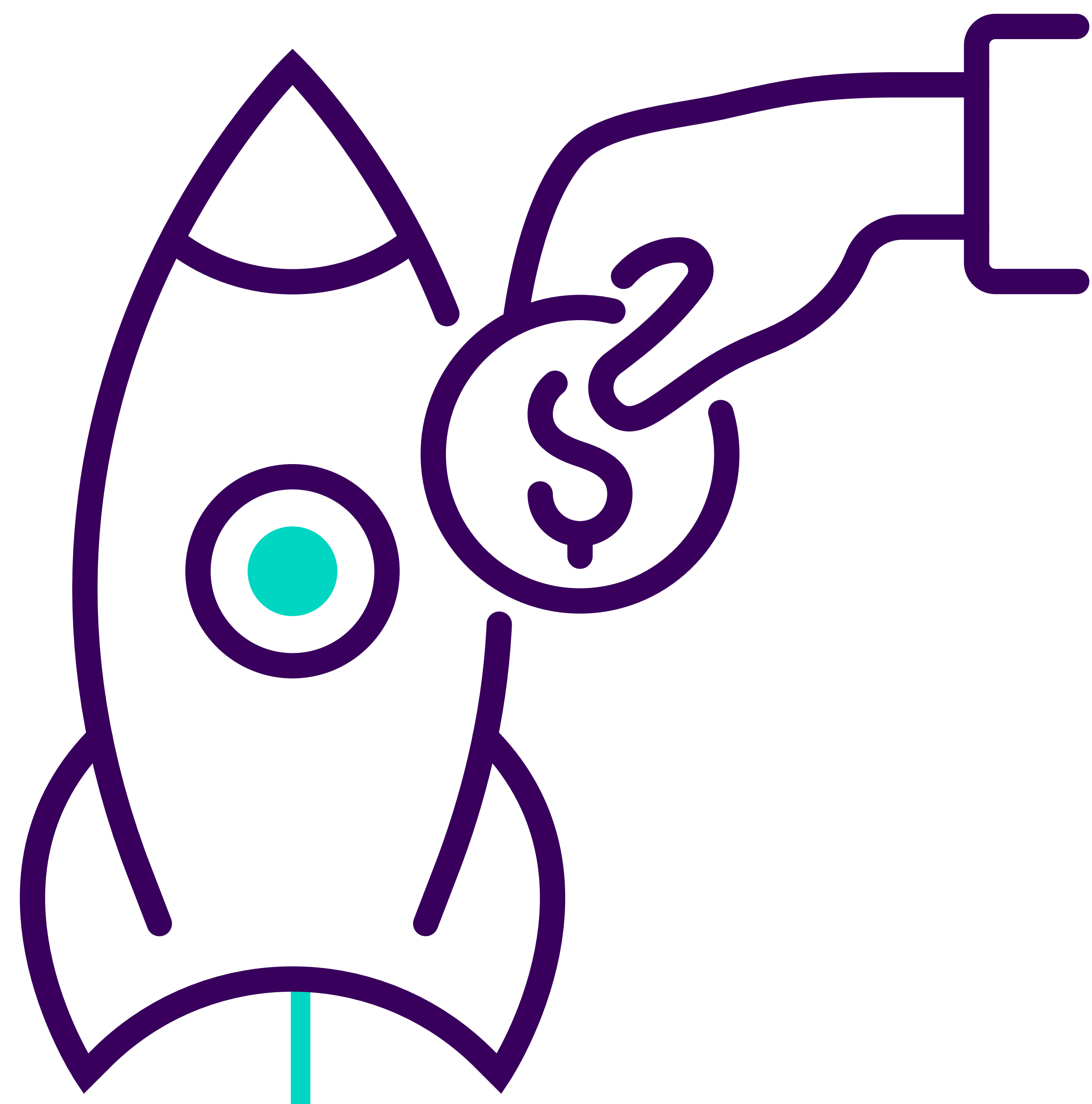
**\$1B+**  
of investment

**5,000**  
new jobs created

**80,000**  
new residents



# INCREASING INVESTMENT IN CONSTRUCTION TECH START-UPS TO RESOLVE THE CHALLENGES



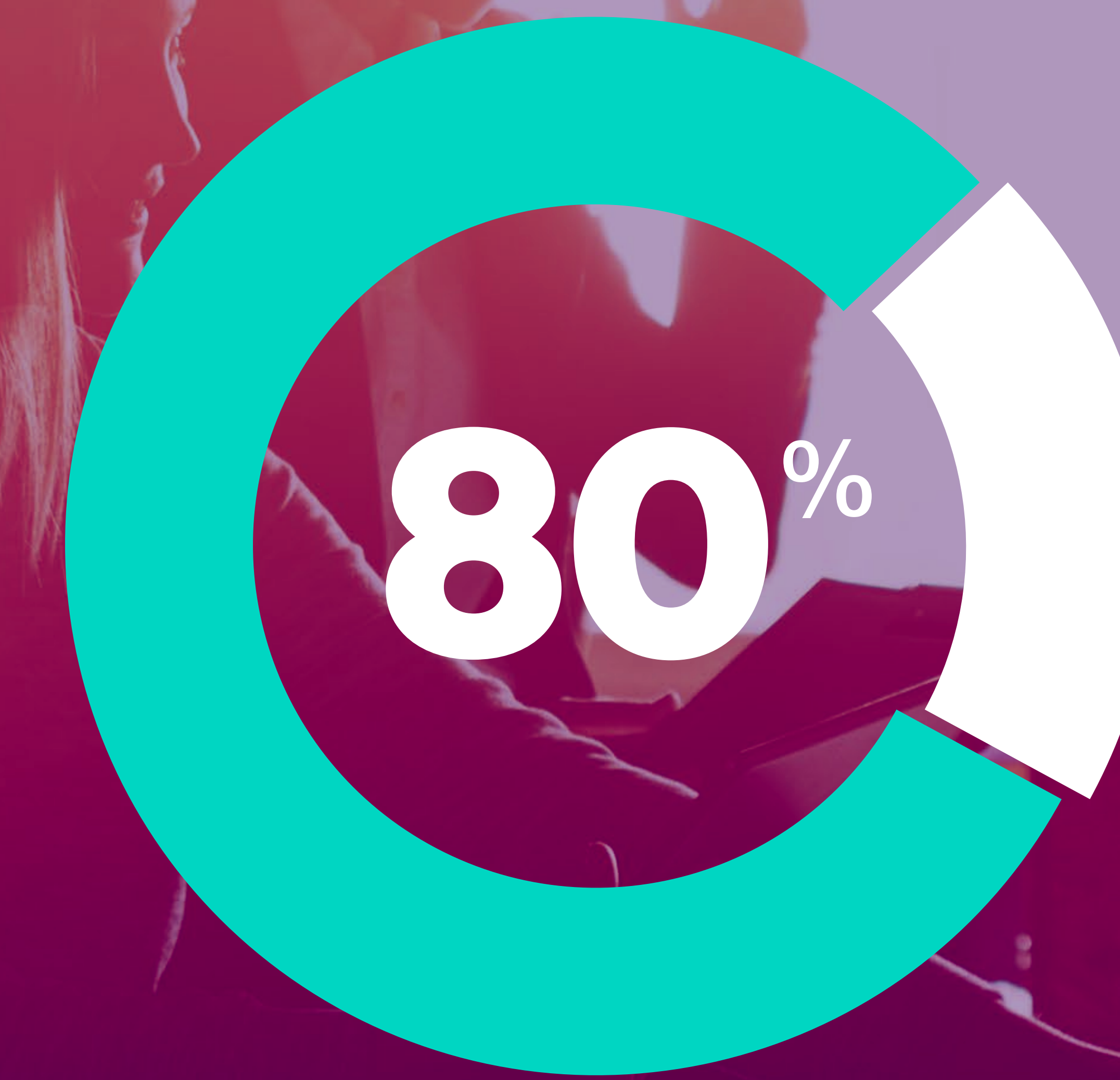
billion in funding for  
construction tech  
startups 2015-2019

**\$5.1**

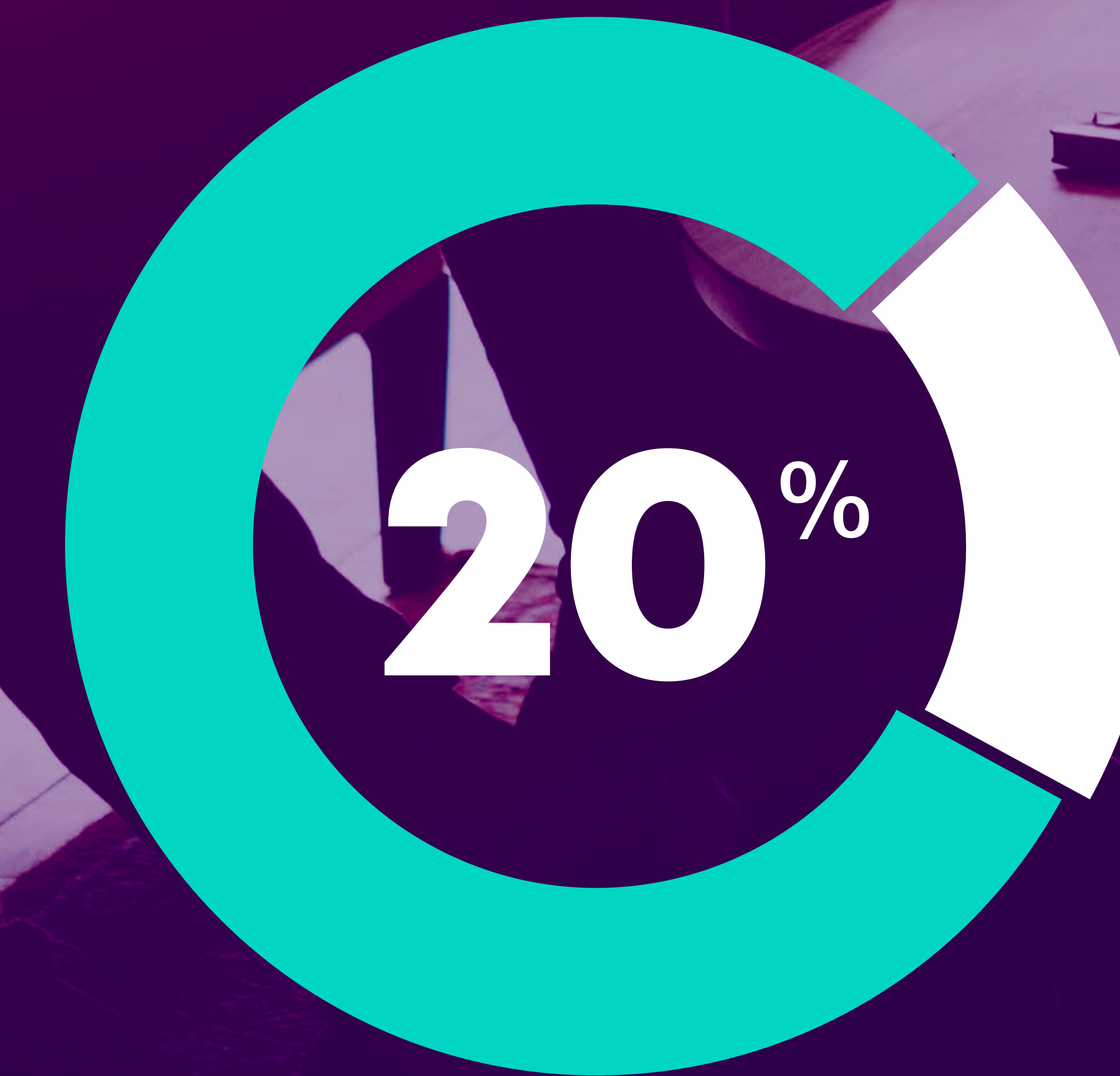
**56%**

increase in funding  
for construction tech  
startups in 2020

Source: CB Insights



**80%**  
of large construction  
projects are completed  
over budgets



**20%**  
taking longer time  
than originally  
scheduled

Source: McKinsey & Co



## Exhibitor Ecosystem

# WORLD'S LEADING SMART CITY INNOVATIONS ON SHOW

## POWERING URBAN TRANSFORMATION



### IT & Telecom

IOT, AI, Cloud & Data Centers  
Blockchain & Metaverse  
Software & Hardware  
Solution Providers  
Internet & Network Tech



### Mobility & Transport

Connected & Autonomous Vehicles  
Smart Parking Solutions  
Intelligent  
Transportation Systems  
Robotics AI Logistics Solutions



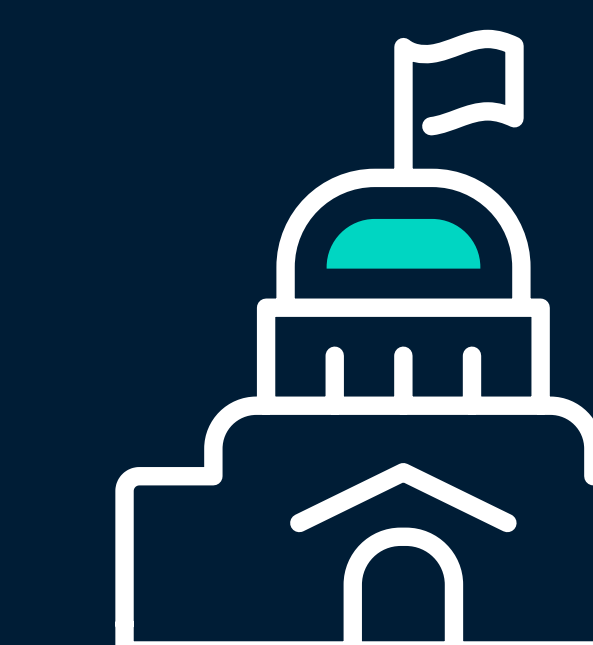
### Buildings & Infrastructure

Intelligent Building  
Management Systems  
Building Ecosystem Providers  
Digital Construction Solutions  
GIS & BIM Technologies  
HVAC Systems  
Pipes & Pumps  
Insulation



### Energy & Environment

Green & Smart Buildings Solutions  
Smart Grid &  
Clean Energy Solutions  
Smart Engineering &  
Management Systems  
Integrated Waste Management  
Smart Metering  
Food & AgTech



### Government

Consumer Digital  
Solutions (G2C)  
Business Digital  
Solutions (G2B)  
Digital Solutions (G2G)



### Healthcare

Digital Healthcare  
e-health  
m-health  
Remote Patient Monitoring (RPM)  
Smart Hospital Management  
Smart Clinic Collaboration



### EdTech

Personalized Digital Learning,  
Smart classes  
Voice-to-Text & Text-to-Voice  
Identify Inefficient & Error Prone  
Processes  
AR/VR Interactive & Virtual  
Environments  
Monitor & Enhance Student  
Performance - Analytics  
Enabling real-time  
communication and data transfer



### Strategy & Planning

Advisory  
Legal Entities  
Smart Planning  
Design & Technology Consulting  
Corporate & Business Strategy  
Managed Services  
Risk & Compliance  
Risk Assurance



### Finance & Procurement

Financial Advisory  
Lenders  
Insurance Advisors  
Dynamic Purchasing Systems  
Fintech



### Safety & Security

Cybersecurity  
Crisis Management  
Fire & Rescue  
Surveillance Systems  
Emergency Management Solutions



## Visitor Profile

Government Agencies, Municipalities, Regulators, Infrastructure, Economy, Transport, Environment, Defense, Interior, Energy, Citizen Engagement, etc.

Architects, Engineering, Urban Planners, Master Planners

Residential & Commercial Contractors, Developers, Real Estate

Banks, Insurance, Fintech

Hospitals & Healthcare

Airports & Sea Ports, Maritime, Aviation, Free Trade Zones

Industrial / Manufacturing

Retail, Stadiums & Venues

Food & Ag Businesses

Investors and Financiers

Travel, Tourism & Hospitality

Water, Energy & Waste Management

Fleet Management

Facility Management

Startups

NGO

# POSITION YOUR BRAND IN FRONT 15,000+ GLOBAL PROFESSIONALS

## Visitor Job Title

Ministers & Director Generals

City Mayors

Municipal Leaders

CEOs, CIOs, CISOs, COOs,  
CTOs, CFOs, CSOs

Smart City Directors

Architects

Consultants & Contractors

Urban Designers

Urban Developers

Project Owners & Developers

Planning & Development Experts

Digital Transformation Officers

Security Officers

Sustainability & Innovation  
officers

Heads of Procurement

Product Leads

Business Development Directors

GIS Leaders

Academics & Analysts

Investors & Financiers

High Networth Individuals (HNI's)

Students & Young Professionals

## Top Visiting Countries



UAE



KSA



Egypt



Kuwait



India



Bahrain



Oman



Jordan



Turkey



Israel



Nigeria



Kenya



Pakistan



# THE EVENT

Three-day event connects key urbanism stakeholders with solution providers creating vibrant, thriving cities



## 01 Exhibition

### Exhibition

The world's most comprehensive sourcing platform for urban-, infra-, and travel-tech solutions, headlined by the best of the world's 120,000 providers

### Demo stages

A rotating cast of exhibitors giving crisp 10-minute presentations about their top notch solutions to buyer audiences

15,000<sup>+</sup> Visitors

150<sup>+</sup> Exhibitors

80<sup>+</sup> Startups

120<sup>+</sup> High-level Speakers

50<sup>+</sup> hours of content

50<sup>+</sup> Ministry Delegations expected



## 02 Summit

### City Hall

By-invitation-only platform for city mayors, municipal leaders, planning and development experts to address pressing challenges and exchange best practices and lessons learned

**By-invitation-only**

### Young Urbanist Leaders Symposium

Programme of seminars, consultation sessions and networking for working-level, multi-agency delegations from different cities

**By-invitation-only**

### Future Urbanism Conference

Plenary sessions with cross-cutting themes complemented by topically focused track sessions

### Training Seminars

Delivered by leading academics and practitioners from the region and around the world

### Case Studies

An in depth analysis of recent mega projects, technologies utilised and their strategies



# 120<sup>+</sup>

High- level  
Speakers

# 50<sup>+</sup>

Ministry  
Delegations  
expected

# 50<sup>+</sup>

Hours of  
Content

# 1000<sup>+</sup>

Delegates



## 03 Business Connect

### 800+ Arranged 1-1 Meetings & Consultation Clinics

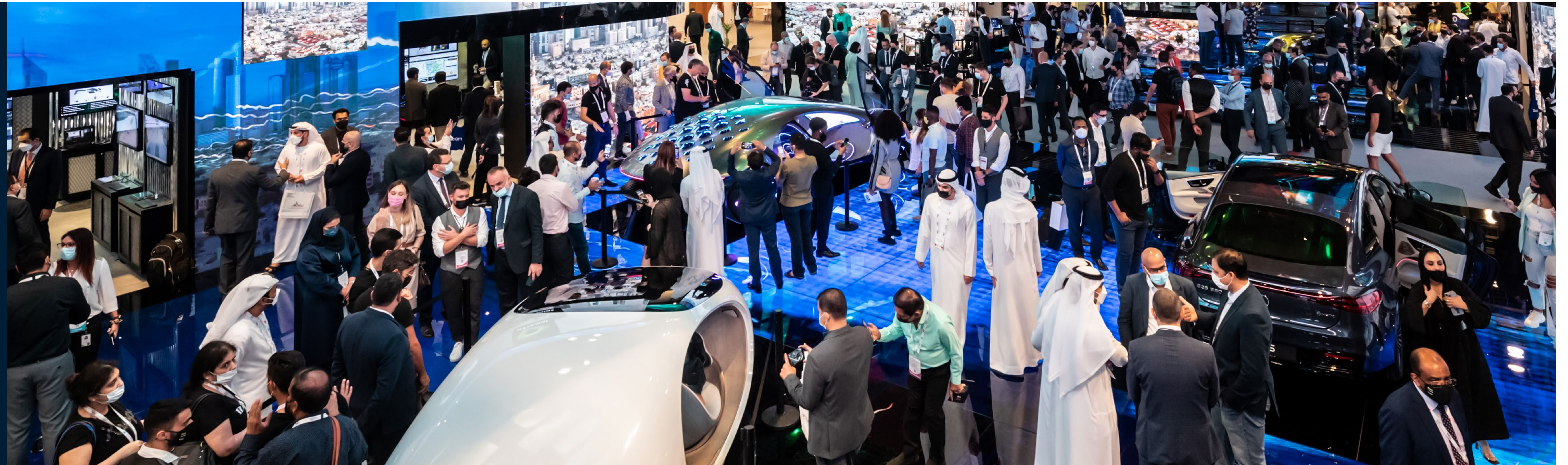
Tailored meetings programme connecting tech providers with project owners and smart city stakeholders

### Roundtables

Moderated by subject matter experts, participants seed challenges and canvass ideas from peers

### Tender Connect X PPP Forum

Stage for project owners to present, and field questions, from interested vendors and/or financing partners



## 04 Tours

### Site Visits

Guided tours of sites-of-interest around the UAE for summit delegates by relevant agencies and enterprises



## 05 Awards

### Future Urbanism Prize

Honoring excellence amongst the agencies, planners and developers creating cities that speak to ambitious global entrepreneurs, cultural taste-makers and discerning travelers alike





# THEMES

## 01 Digital Economy & Infrastructure

## 02 Integrated Master Planning & Urban Future

## 03 Energy Transition & Decarbonization

## 04 Governance & Global Competitiveness

### City-as-a-Platform

- + Innovation driven cities – digital leadership
- + Open data platforms to boost digital initiatives and policy making
- + Digital policy roadmap along with cyber resilient frameworks
- + Unlocking revenue of emerging technologies in cities

### Intelligent & Sustainable Mobility

- + Better connectivity for all Optimal access to work & amenities
- + Enhancing decarbonized & intelligent transportation
- + Harnessing new mobility tech & business model

### Realizing a Qualitative Leap in Infrastructure

- + Optimizing govt. master-planning
- + Integrated infrastructure investment to unlock network effects
- + Engage and align community stakeholders to

### Deploying Clean Energy - Towards Zero Carbon Cities

- + Urban systems & grid transmissions
- + Diversified energy market
- + Future of hydrogen for cities
- + Implementation of circular economy with waste to wealth initiatives

### Purpose Driven Communities with Urban Regeneration

- + Urban prototyping and enhancing built environment
- + Integrating climate adaption
- + Transition to livable communities & regenerative cities

### Smart Urban Governance

- + Enabling open, transparent & inclusive policy making
- + Hyperconnected services - Adoption of IoT, blockchain and XaaS
- + Accelerated legacy modernization for multichannel citizen engagement

# TOPICS



# How will Digital Twin And Metaverse technology change the way we plan Smart Cities?

According to *Bloomberg*, the global metaverse revenue opportunity could approach USD 800 billion by 2024.

Experience next-generation tech applications revealing new frontiers for future cities

## SMART CITIES 3.0



# Dubai Metaverse Strategy

The strategy aims to increase the contribution of the metaverse to Dubai’s economy to \$4 billion by 2030 and increase its contribution to Dubai’s GDP by 1%.



**Become #1 in the region and one of top 10 cities globally in terms of metaverse economy**

**HH Sheikh Hamdan Bin Mohammed Bin Rashid Al Maktoum**  
Crown Prince of Dubai and Chairman of Dubai Executive Council



**5X**

5x the number of blockchain and metaverse companies in 5 years

**40K**

Metaverse to support 40,000 virtual jobs and add \$4 billion to Dubai's economy in 5 years

### PILLARS

**Foster Metaverse Innovation and Economic Contribution**

**Cultivate Metaverse Talent Through Education and Training**

**Develop Metaverse Use-cases and Applications in Dubai Government**

**Adoption, Scaling and Global Advocacy of Safe Platforms Infrastructure and Regulation Refinement**

### WORLD’S FIRST METaverse-ENABLED CUSTOMER SERVICE CENTRE

UAE Ministry of Health and Community Protection (MOHAP) had announced the launch of the world’s first Metaverse-enabled customer service centre.

### WORLD’S FIRST HOSPITAL IN METaverse

UAE to set up the world’s first hospital in metaverse.



# CASE STUDIES

**Meet with visionaries, solution providers and investors to learn about opportunities around web 3.0 and metaverse technology.**



## Shanghai, China

Shanghai issued a five-year development plan that named the metaverse one of four frontiers for exploration. In 2021, the Shanghai Municipal Commission of Economy and Information Technology released a plan to increase research and development of underlying technologies that will build the metaverse, including smart sensors and blockchain.

## Santa Monica, CA

Santa Monica was the first U.S. city to enter the metaverse. The city now offers a virtual way to experience its downtown where users can collect tokens to unlock digital experiences as they move around the city.

## Seoul, South Korea

Seoul Metropolitan Government builds a Metaverse counterpart with an investment of \$187M as part of what the country calls a “Digital New Deal.”

Known as “Metaverse Seoul,” the officially-sanctioned project will be public-service oriented, while also maintaining an economic and business-focused element, and provide a next-generation metaverse ecosystem for city residents, tourists, visitors, and local government.



# ASPIRATIONAL SPEAKERS



**H.E. Suhail Mohamed Al Mazrouei**  
Cabinet Member & Ministry  
**Ministry of Energy and Infrastructure**

**Adina-Ioana Vălean**  
European Commissioner for  
Transport  
**European Commission**



**Line Barfod**  
Mayor of Technology and the  
Environment  
**City of Copenhagen**



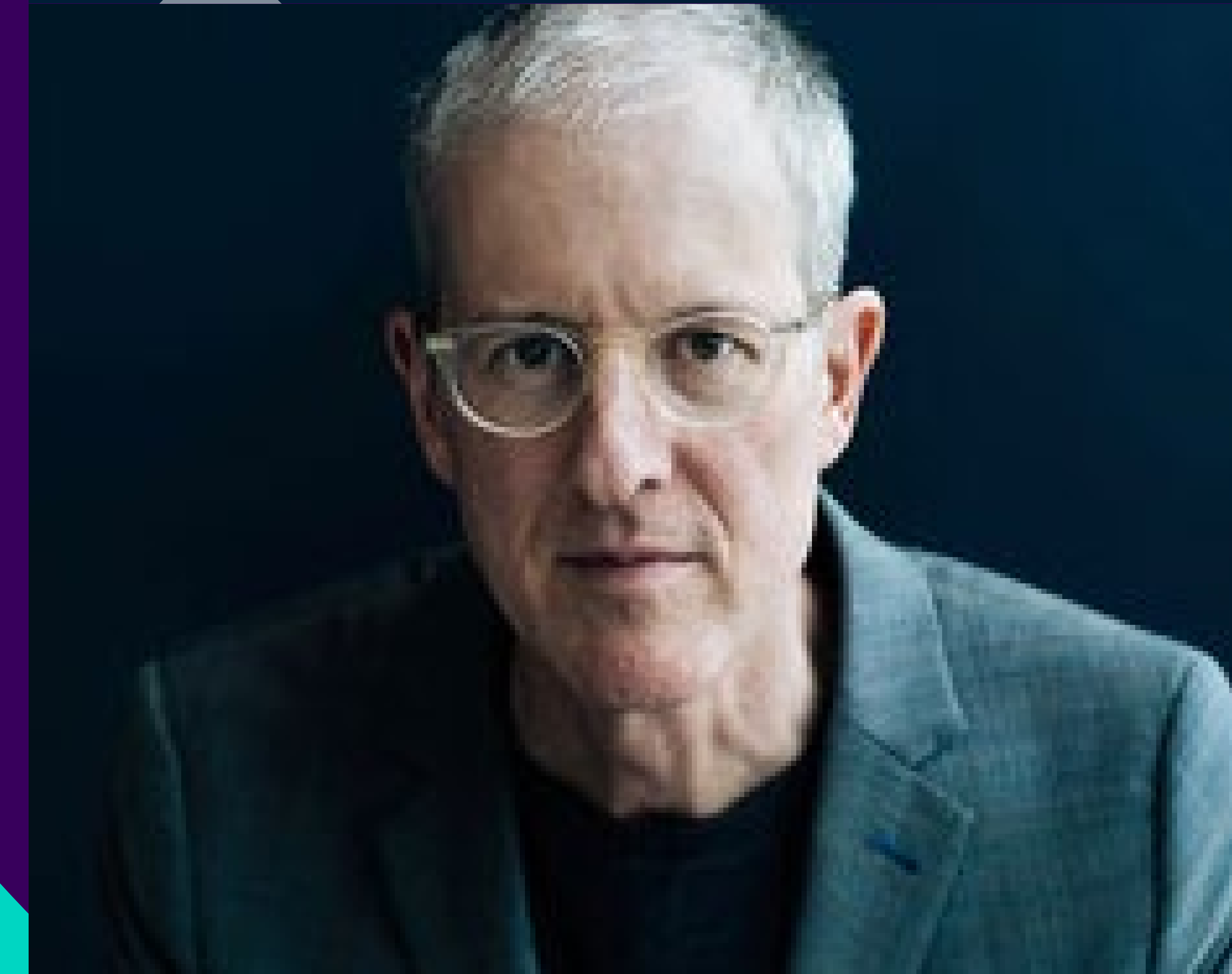
**Jeff Speck**  
City Planner, Urban Designer,  
Author & Principal  
Speck & Associates LLC



**Jan Gehl**  
Danish Architect & Urban  
Designer  
**Gehl Architects**  
Kickstarted pedestrian  
transformation of Times  
Square in NYC



**Clare Wildfire**  
Global Practise Leader  
**Mott MacDonald**  
Member of Mayor of London's  
Infrastructure Advisory Panel



**H.E. Paula Ingabire**  
Minister  
**Ministry of ICT and Innovation, Rwanda**  
Advocate of blockchain  
technology and led Kigali  
Innovation City Project



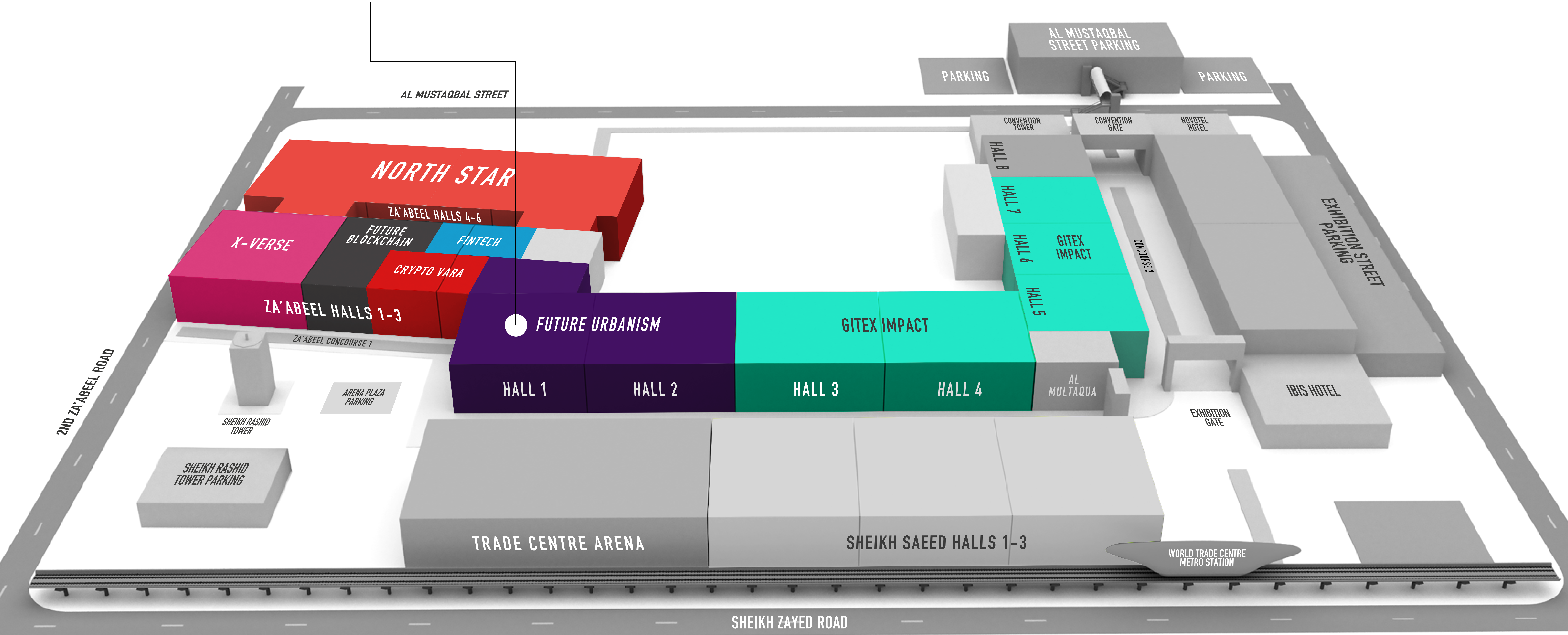
**Ahmed Zaki Abdeen**  
Chairman  
**Administrative Capital For Urban Development**  
Building Egypt's New  
Administrative Capital







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