



دبي الذكية
SMART DUBAI

SMART DUBAI

DUBAI BLOCKCHAIN STRATEGY



Blockchain will do for transactions what the Internet did for information





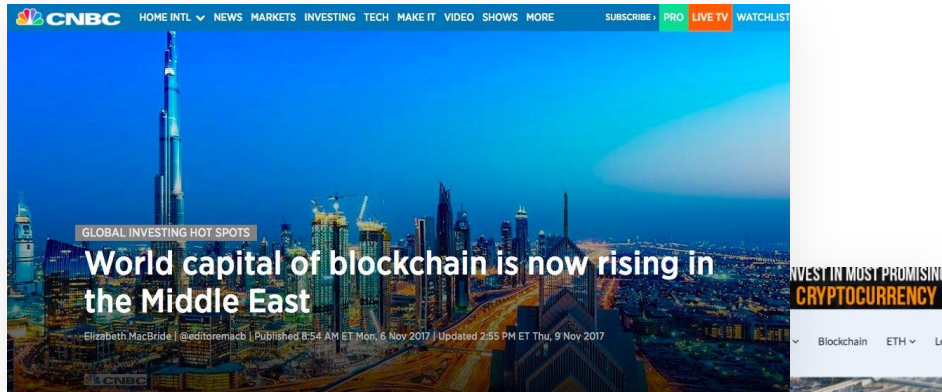
Dubai will be the first city in the world to conduct applicable Government transactions via Blockchain by 2020

H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum

On the occasion of launching the Dubai Blockchain Strategy, 5 October 2016



“Crowned the Blockchain capital”



1 SMART CITY ON THE BLOCKCHAIN
BARCELONA SMART CITY-EXPO



CNN GLOBAL GATEWAY





Three Strategic Pillars



كفاءة التعاملات الحكومية
Government Efficiency



خلق بيئة داعمة
Industry Creation



القيادة العالمية
International Leadership



Achieving efficiency by using blockchain technology in applicable government services



**كفاءة التعاملات الحكومية
Government Efficiency**



Use Cases



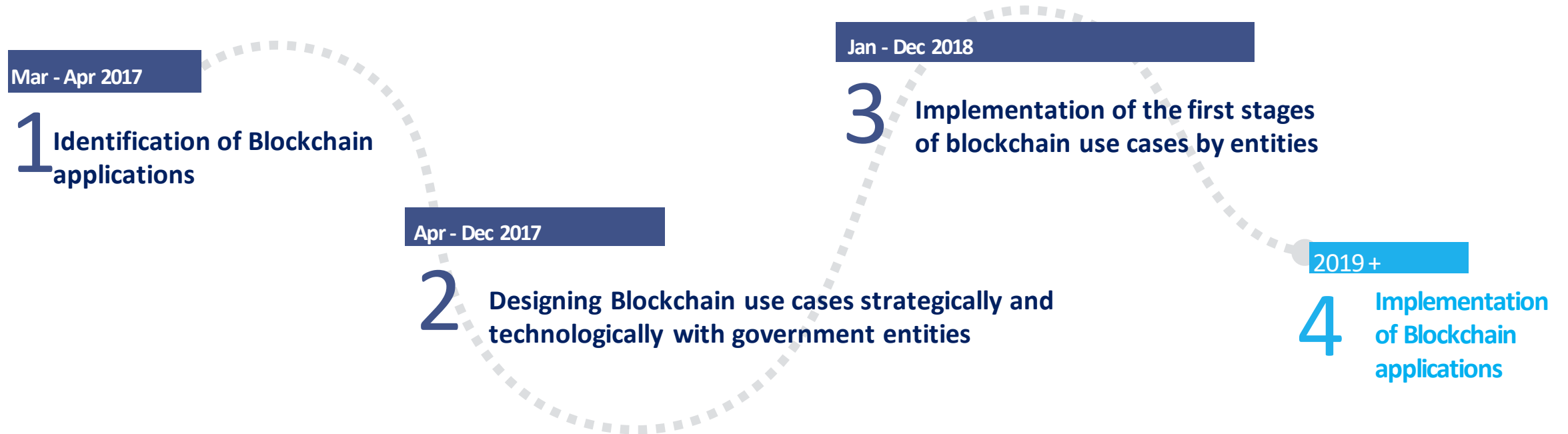
Shared Blockchain Platform



Dubai Blockchain Application Policy



BLOCKCHAIN USE CASES ROLL-OUT PLAN





25

Blockchain Use Cases



Finance



Education



Real Estate



Tourism



Commerce



Health



Transport



Security



Finance



Settling payments for
Dubai Pay
Implemented



Bitoasis
Cryptocurrency
exchange platform
Implemented



Addenda
Insurance payment
settlement platform
Implemented



Financial transfers
between UAE and India
using blockchain
Implemented



Issuing electronic checks
In Progress





Education



Smart City Academy
10X
Implemented



Issuance of digitally
accredited degrees
from Hamdan Bin
Mohammed Smart
University
Implemented



Issuance of digitally
accredited degrees
from Zayed University
Implemented



Issuance of digitally
accredited degrees from
Al Mawakeb School
Implemented



Completion of
enrollment
procedures for
students moving
between emirates
In Progress





Real Estate



Verification of property
title deeds
Implemented

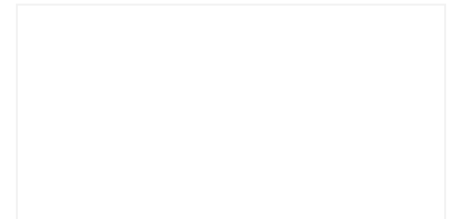


دائرة الأراضي والأموال
Land Department

Completion of property
rent procedures by Wasl
Properties
Implemented



SmartCrowd
portion-based real estate
investment
Implemented





Tourism



Atlantis Hotel digital wallet
In Progress



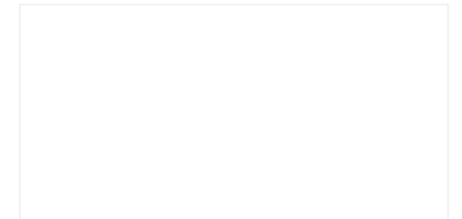
Caesars Bluewater digital wallet
In Progress



Emirates loyalty program
In Progress



Emaar Properties referral and loyalty platform (EMR) Loyalty Program
In Progress





Commerce



Supply chain automation for delivery of e-commerce products
Implemented



Supply chain management
Implemented



Unified trade license registry
In Progress



Digital Silk Road (unification of trader registration, export authorization)
In Progress



Trade finance and fraud prevention network UAE Trade Connect
In Progress





Health

Licensing of
healthcare specialists
Implemented



Transport

Vehicle life cycle
In progress

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Registering the
Electric Vehicle Green
Charger
In progress

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



Security

Requesting a
certificate for a
lost passport
In progress

شرطة دبي
DUBAI POLICE



SMART DUBAI
DUBAI BLOCKCHAIN STRATEGY

DUBAI BLOCKCHAIN POLICY

Developing the first comprehensive blockchain implementation policy globally

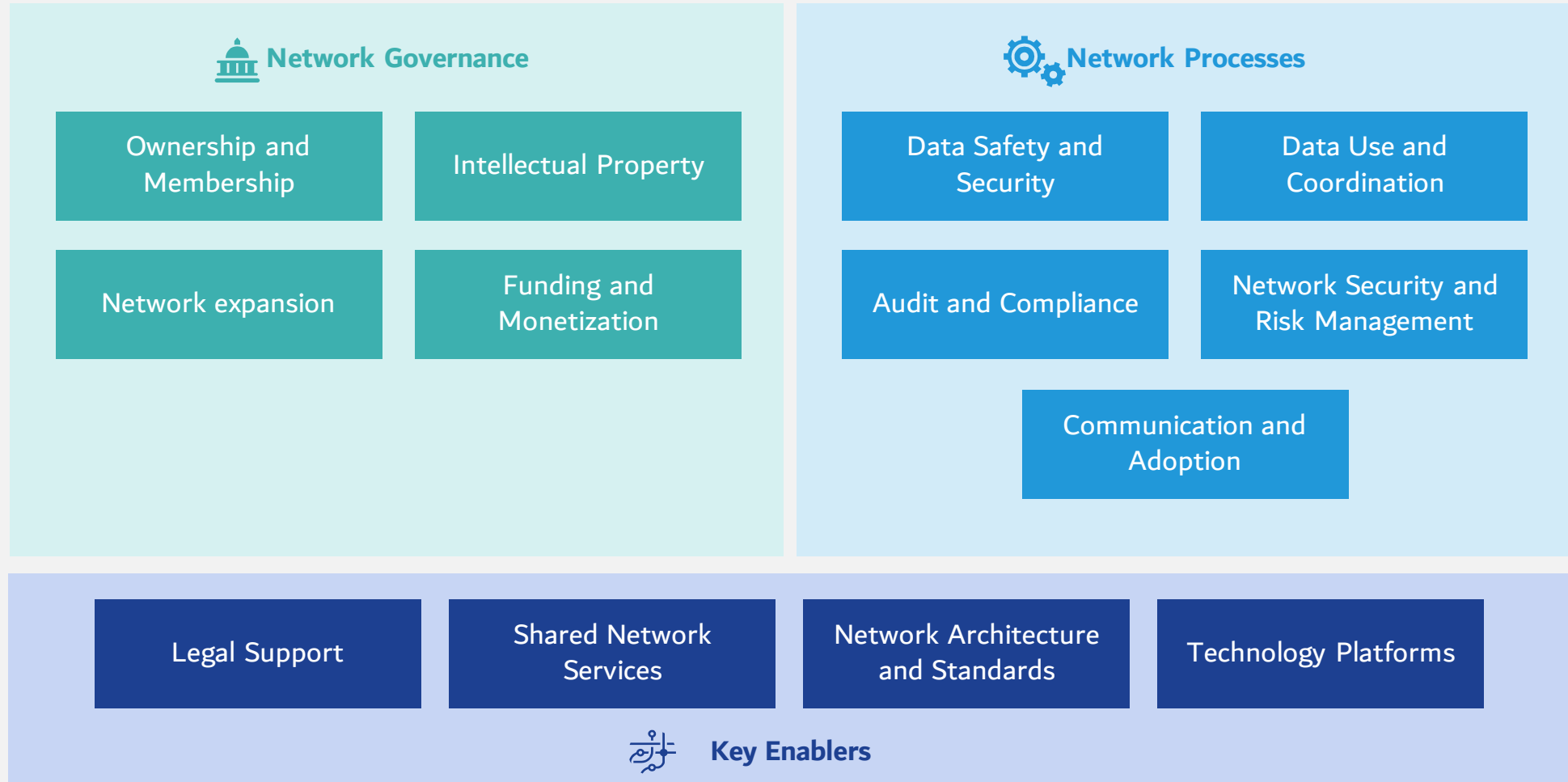
Developed in collaboration with all public and private entities working on blockchain applications using the best benchmarks





DUBAI BLOCKCHAIN IMPLEMENTATION POLICY PILLARS

Key Pillars of the Dubai Blockchain Application Policy





BLOCKCHAIN PLATFORM AS A SERVICE

Developed a shared blockchain platform that allows government entities to implement use cases without investing in individual platforms





خلق بيئة داعمة
Industry Creation

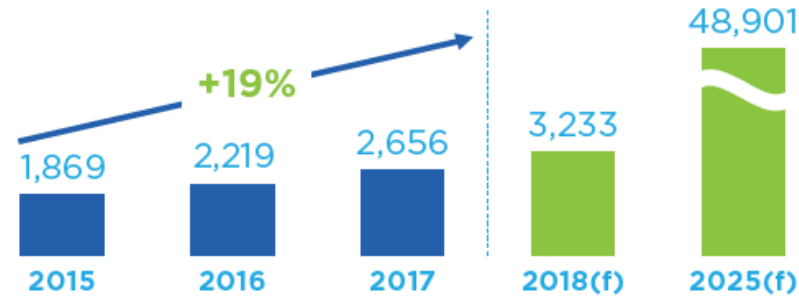
Creating an economic sector and effective
blockchain-enabling environment,
especially for entrepreneurs and start-ups

Economic Impact of Dubai Blockchain
Strategy

Global Blockchain Challenge

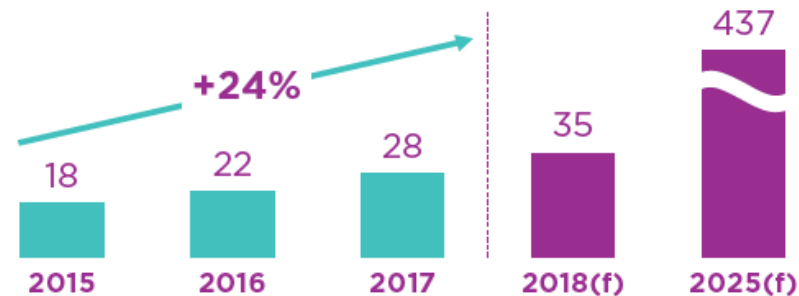


Market Value, Global القيمة السوقية، العالمية
2015 - 2025 (million AED) 2025 - 2015 (مليون درهم)



1% جزء من القيمة السوقية العالمية في دبي
Portion of global market value in Dubai

Market Value, Dubai القيمة السوقية، دبي
2015 - 2025 (million AED) 2025 - 2015 (مليون درهم)



8K شركات البلوك تشين العالمية
Global Blockchain Businesses

114 شركات البلوك تشين في دبي
Dubai Blockchain Businesses

1.4% شركات البلوك تشين العالمية في دبي
Global Blockchain Businesses In Dubai

SMART DUBAI
DUBAI BLOCKCHAIN STRATEGY

GLOBAL BLOCKCHAIN CHALLENGE 2017

MAY 2017
DUBAI DESIGN DISTRICT

100
Participants





GLOBAL BLOCKCHAIN CHALLENGE 2017 WINNERS



The Sun Exchange allows any person to buy solar panels or rent them to schools and companies in the sunniest places on earth, especially Africa. The Sun Exchange organizes the process of collecting and distributing the monthly rents through bitcoin or local currencies.



Educhain allows organizations to issue and share secured digital records and documents - supported by the blockchain platform, without relying on a third party. This eliminates the burden of processing document requests, which reduces processing time from days to seconds.



Everledger is an emerging global company that uses the best developing technologies including blockchain, smart contracts and machine vision to help reduce risk and fraud against banks, insurance companies and open markets.

GLOBAL BLOCKCHAIN CHALLENGE 2018

MAY 2018
FUTURE BLOCKCHAIN
SUMMIT, DUBAI
WORLD TRADE CENTER

200
Participants





GLOBAL BLOCKCHAIN CHALLENGE 2018 WINNERS

AID:Tech



tge.aid.technology

Supported by digital identity on the Blockchain platform, Aid:Tech Solutions helps deliver benefits including international transfers, social welfare, aid, healthcare and peer-to-peer donations on behalf of partners.



Crowd



www.smartcrowd.ae

The Smart Crowd platform holds the key to the real estate market for ordinary investors. For the first time in the Middle East, the average investor can build a personal investment portfolio through a convenient online platform, with investments as low as 5,000 dirhams.



codexprotocol.com

Codex is a decentralized record of unique assets like paintings, watches, and more. Codex securely stores an Item ID on a blockchain platform, allowing for an easier way to buy, sell and manage assets of all kinds.

GLOBAL BLOCKCHAIN CHALLENGE 2019

MAY 2019
FUTURE BLOCKCHAIN
SUMMIT, DUBAI
WORLD TRADE CENTER

700+
Participants





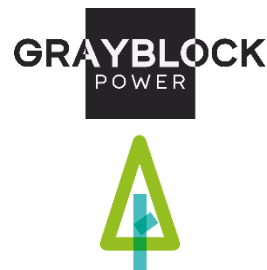
GLOBAL BLOCKCHAIN CHALLENGE 2018 WINNERS



Quantstamp is a company that provides blockchain security solutions, develops automatic security tools and audits smart contracts



iGrowchain is a platform that helps unemployed farmers and supports unutilized land to produce high-quality organic food. It provides farmers with sustainable income using an online blockchain software for agricultural management.



Grayblock Power sells blockchain-enabled financial products to raise capital for developers of utility and power infrastructure assets at competitive rates



القيادة العالمية
International Leadership

Leading the theoretical and practical aspects of blockchain applications and putting Dubai on the global map for thought leadership in the field

Global Excellence

Events



FIRST SMART CITY ON
THE BLOCKCHAIN

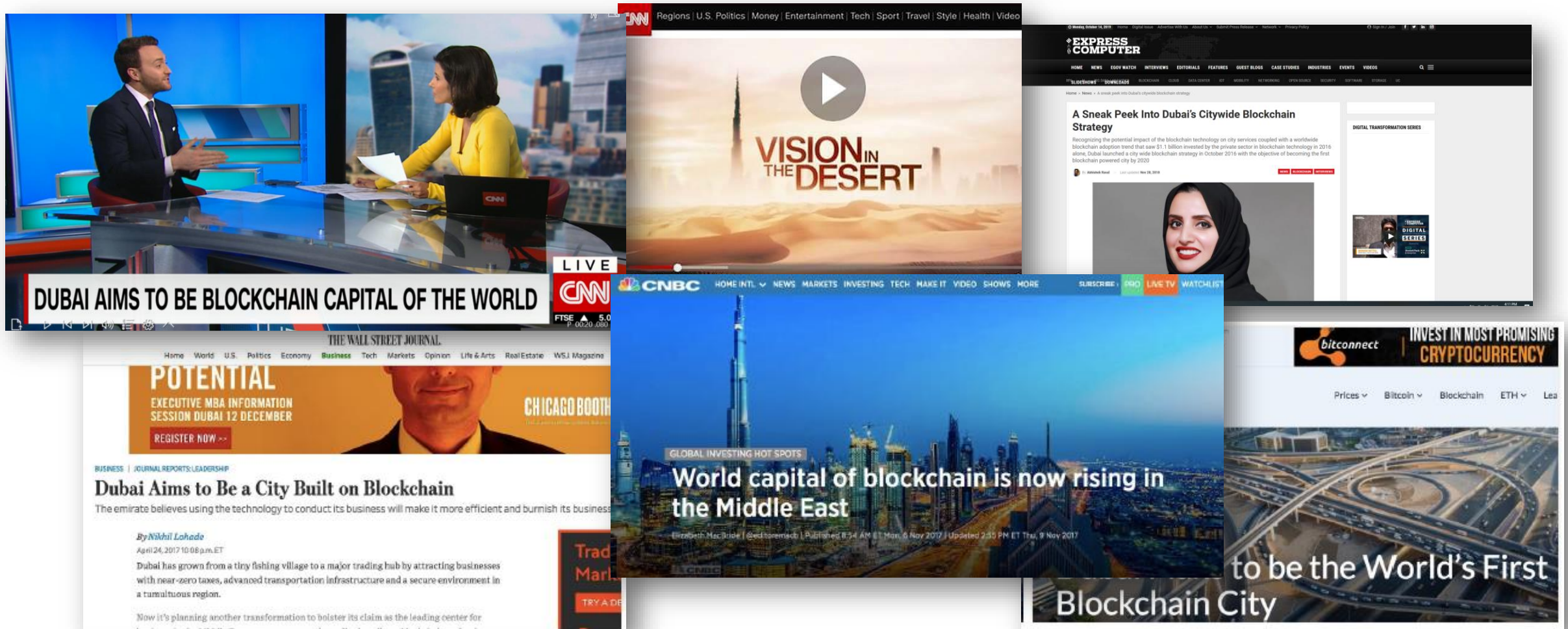
BARCELONA
SMART CITY-EXPO

**SMART DUBAI RECEIVED
THE CITY AWARD AT THE
2017 SMART CITY EXPO IN
BARCELONA**



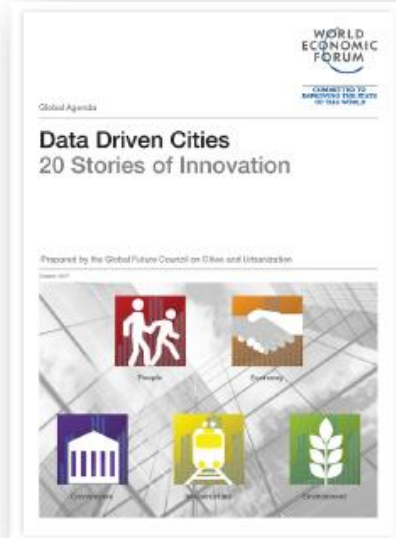


GENERATING MEDIA BUZZ THAT HAS PLACED DUBAI ON THE MAP AS THE BLOCKCHAIN CAPITAL OF THE WORLD





DEVELOPING GLOBAL REPORTS IN COOPERATION WITH THE UN, WORLD ECONOMIC FORUM AND OTHERS



THE FUTURE
BLOCKCHAIN SUMMIT
IS THE LARGEST
GLOBAL BLOCKCHAIN
EVENT WITH 12,000
PARTICIPANTS IN 2019

Global precedence
two years in a row,
2018-2019

#1 BLOCKCHAIN EVENT IN THE WORLD

WORLD'S LARGEST AUDIENCE AT A BLOCKCHAIN EVENT

134	global superstar speakers	40%	speaking for the first time in the region
82	sponsors & exhibitors	48	of the world's most disruptive startups
124	hours of blockchain use-cases and power learning	18	world's most game-changing project founders talk inspirational pilots changing the world

FUTURE BLOCKCHAIN SUMMIT
قمة مستقبل البلوك تشين

Organized by: Hosted by:

مبادرة دبي للتسريع
حكومة دبي الذكية SMART DUBAI

The infographic features a collage of images from the event, including a speaker on stage, a large audience seated in a hall, and various exhibition booths. The background is a dark blue and purple grid pattern with glowing lines.

**LAUNCH OF THE
GLOBAL
BLOCKCHAIN
EXHIBITION
DURING EXPO 2020
AND A
PERMANENT
BLOCKCHAIN
CAMPUS**



DUBAI: BLOCKCHAIN CAPITAL OF THE WORLD





THANK YOU