

## WELCOME TO THE FOURTH INDUSTRIAL REVOLUTION



## Welcome to the fourth industrial revolution



#### We are moving to a fully digital world

Thanks to the global internet, participants in the digital world transact within a single society. Services, goods and banking are all available on the go via mobile phone.

The digital world has no borders and is governed by algorithms, machines, Al and smart contracts.

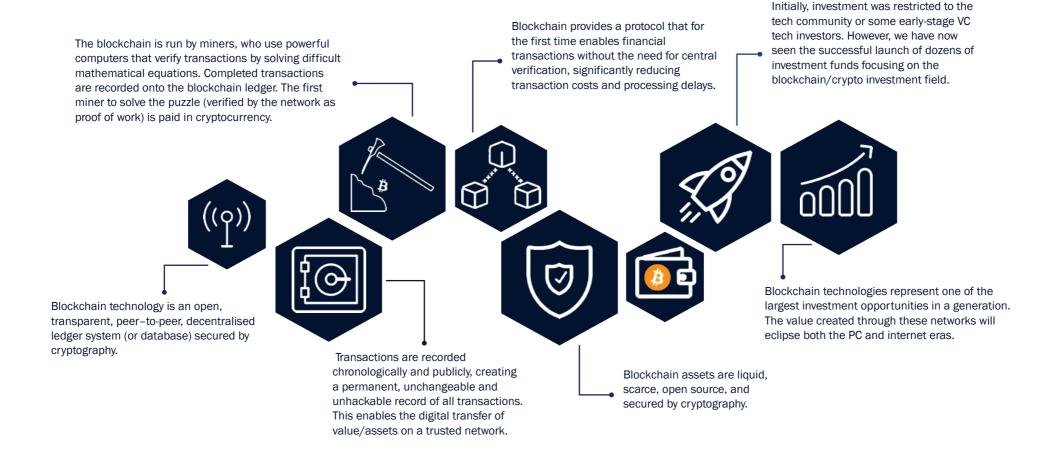




### Introduction to blockchain



#### Blockchain technology is a new market opportunity



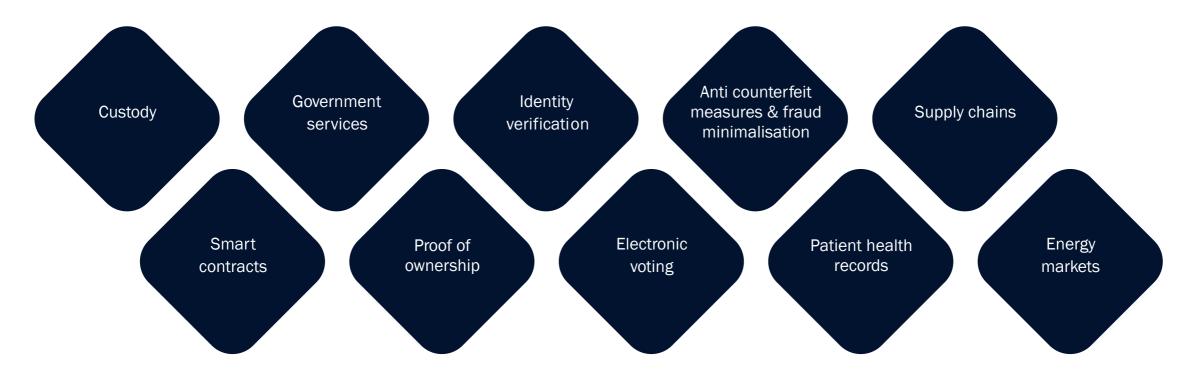


## **Applications of blockchain**



Blockchain technologies have already gone beyond digital payments and transfers.

The security features of blockchain technology offer immense potential in the following fields:



"Algorithms that enable the creation of distributed ledgers are powerful, disruptive innovations that could transform the delivery of public and private services and enhance productivity through a wide range of applications"

Mark Walport, UK Government Chief Scientific, Adviser



## What are digital assets / cryptocurrencies?



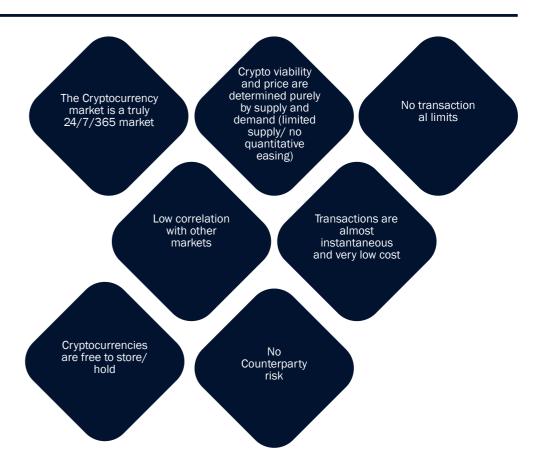
Digital assets like Bitcoin and Ether are digital or virtual units/assets that are cryptographically secured on a publicly distributed ledger (blockchain). Blockchain technology provides security and proof of ownership; therefore cryptocurrencies can be traded/exchanged for goods and services. Cryptography is used to verify and secure transactions and control the creation of additional units of cryptocurrency.

Cryptocurrencies can transfer value/wealth freely, securely, and virtually instantaneously over a global network without the need for a middleman/bank for verification, thus creating a decentralised system for the exchange of wealth.

There are thousands of cryptocurrencies, but Bitcoin is the most successful (largest by market cap and highest unit value).

There will be only a finite number of Bitcoins (21m) that can ever be mined, so inflation is not a problem for this currency.

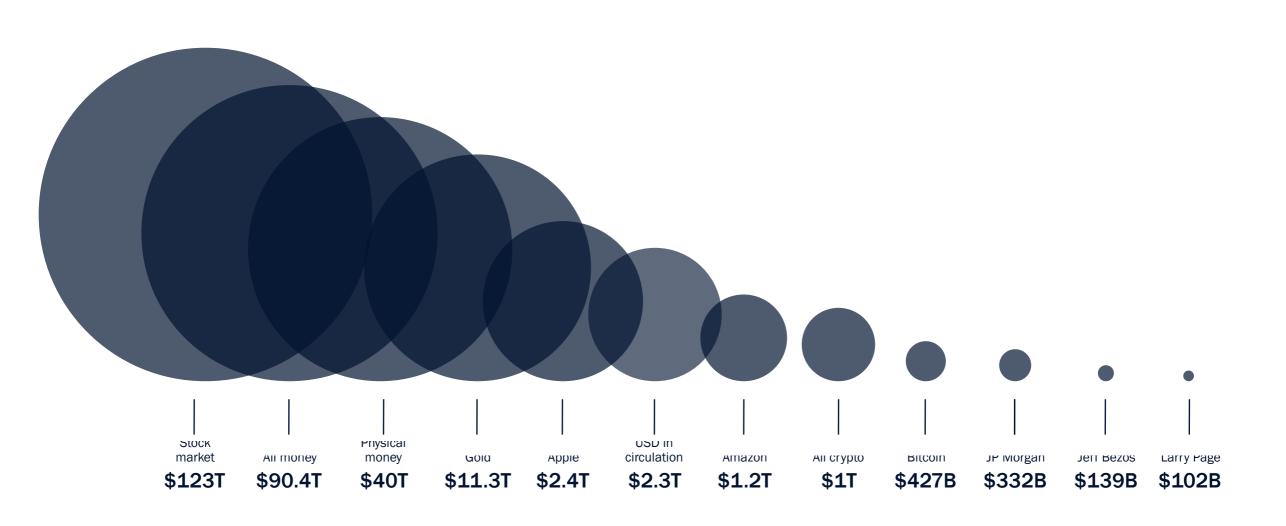
The number of goods and services for which you can pay with digital currencies is constantly growing.





## Putting the world's money into perspective







#### **Blockchain and market transition**



Blockchain is a shared, immutable ledger that enables and records transactions between two parties without needing a centralised authority acting as a trusted third party. Any data stored on the blockchain is unable to be modified, making the technology a legitimate disruptor for industries like payments, cybersecurity and healthcare.

Invented in 1903, the first aeroplanes were clunky, dangerous and extremely impractical.



Airlines (1919), airports (1928) and air traffic control (1930) facilitated the mass adoption of air travel and changed our lives forever.

#### History doesn't repeat itself but it often rhymes



The nascent crypto and blockchain ecosystem is in its Spring, burgeoning at a brisk pace. However, blockchain technology will soon be adopted at scale which will serve as a driving force for digital currencies as well. With the increase in their usage, the market is expected to produce massive returns and rewards for its long-view investors.

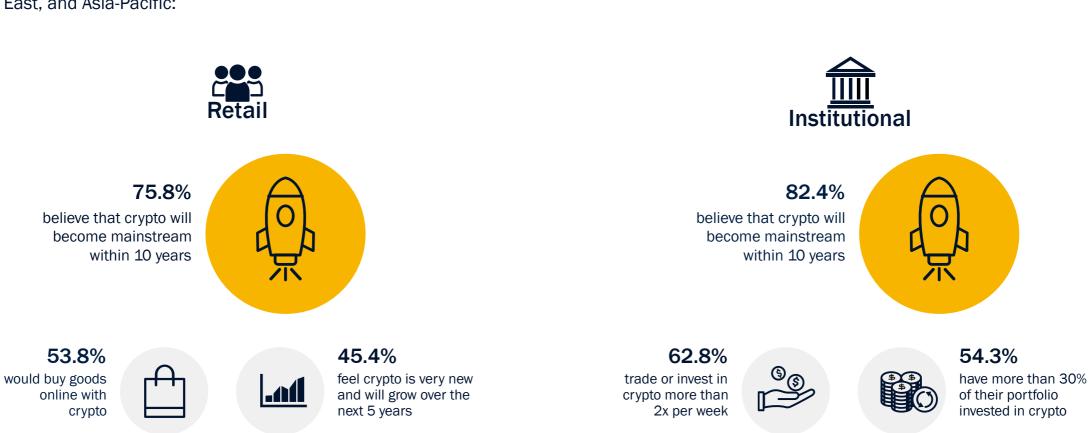


## Poised for mainstream adoption



The current crypto cap stands at \$1 Trillion (Aug 22, 2022) and is projected to increase to \$30 Trillion by 2030, as per the estimates of BCG. The market cap will not only get a boost from the trading activity around cryptocurrency but due to mass scale adoption of the technology as well.

Promising results from Bitstamp's survey of more than 28,000 investors from 23 countries across North America, Latin America, Europe, Africa, the Middle East, and Asia-Pacific:





## **State of the financial industry**



This survey was conducted by PwC between October and November 2021 through an online questionnaire distributed to industry leaders in Switzerland. At the time of their response, 36% of the respondents occupied a board member, non-executive director or executive role, and 56% a management or senior management position within their respective organisations.

#### KNOWLEDGE

# More than 50% rate their crypto knowledge as low.

For specific topic areas, even higher percentages of respondents perceive their knowledge as being low:



58%

for various coins and tokens in the market

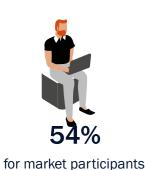
READINESS

63% do not currently offer clients exposure



61%

for new assets and new asset classes



57%

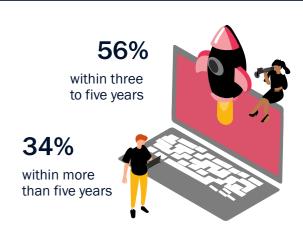
for regulation

97% believe in a strong disruption of the financial industry



6%

within one to two years



"We believe that the blockchain technology will only grow in importance to evolve, shape and disrupt the global economy including the financial industry, and that we are still in the early days of what is coming" — PwC's Cryptoassets Survey, 2022



 $<sup>\</sup>ensuremath{^*}$  The numbers may not add up to 100% due to rounding effects.



#### **BITCOIN BUILDERS OF THE FUTURE**

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