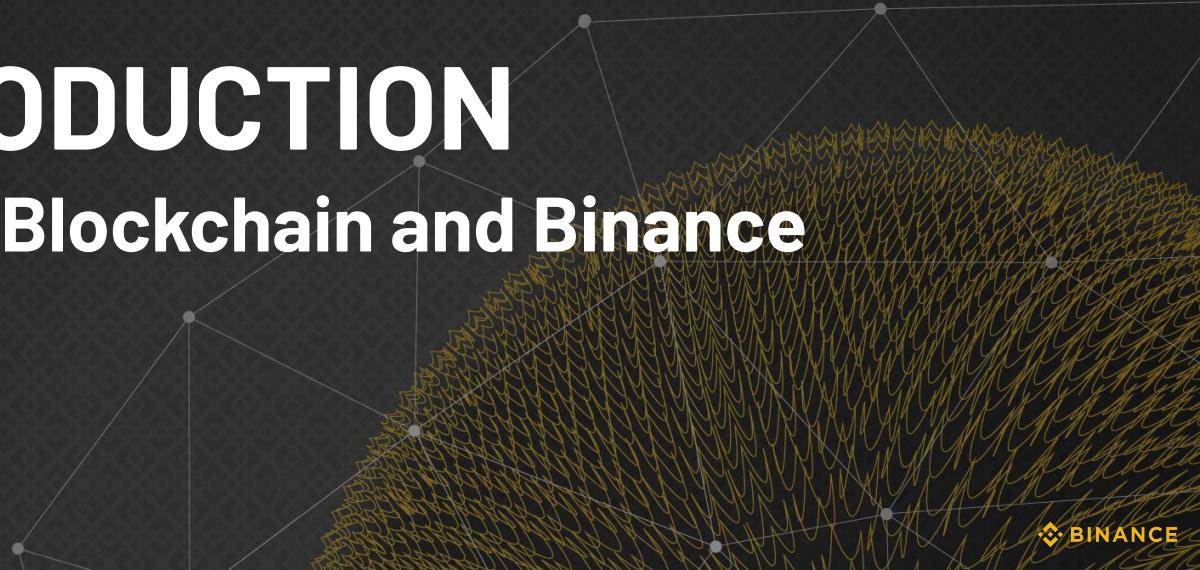


# INTRODUCTION

## Bitcoin, Blockchain and Binance

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I'm Usman Abubakar Isah, Binance Ambassador

My personal mission is to accelerate Africa's transition into a sustainable and developed economy by innovation, capital and policy

I have a passion for contributing to open source and community building projects. I love photography and traveling, I also have great interest in reading and computing.

At the end of this event we should all know what bitcoin and cryptocurrencies are, how blockchain works, several use cases of blockchain and also how to buy or sell cryptocurrencies with your [local currency]

*This event is brought to you by **Binance***



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**B001**

# What is money?

- A tool to exchange value
- Any object could be used as money
- Value is a shared belief



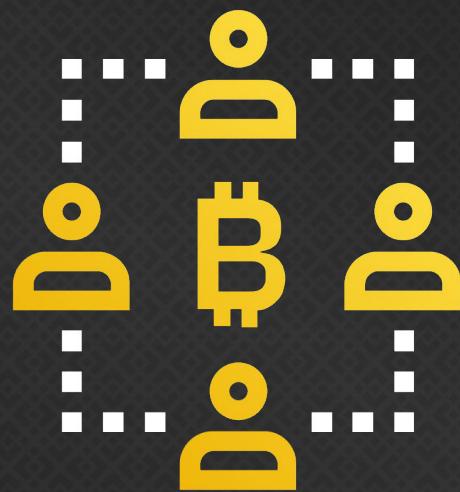
# What is fiat money?

- Paper money issued by a government
- Legal tender that replaced the gold and other commodities
- Portable and easy to use
- Not scarce → inflation
- No intrinsic value



# What is cryptocurrency?

- Digital form of money
- Protected by cryptography
- Can't be duplicated or destroyed
- Distributed (P2P network)
- Borderless



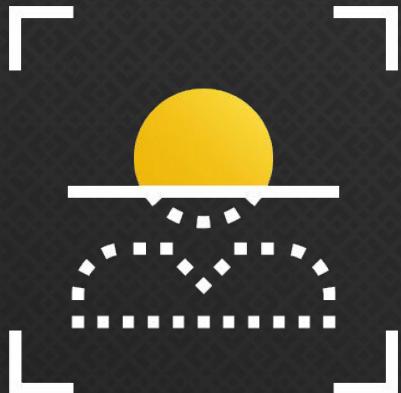


# What is Bitcoin?

- Digital form of money
- Protected by cryptography
- Can't be duplicated or destroyed
- Distributed (P2P network)
- Borderless
- The first cryptocurrency
- Transparent
- Scarce
- Open-source
- Censorship-resistant

# Who created Bitcoin?

## Satoshi Nakamoto



Pseudonymous  
computer  
scientist

Creator of  
blockchain  
technology

Brilliant solution  
to the  
double-spend  
problem

Launched  
Bitcoin in 2009  
and disappeared

# What is **blockchain**?

A **distributed** database.



# What is blockchain?

A **distributed** database

A **chain** of linked blocks

## A special type of ledger

Money

Documents

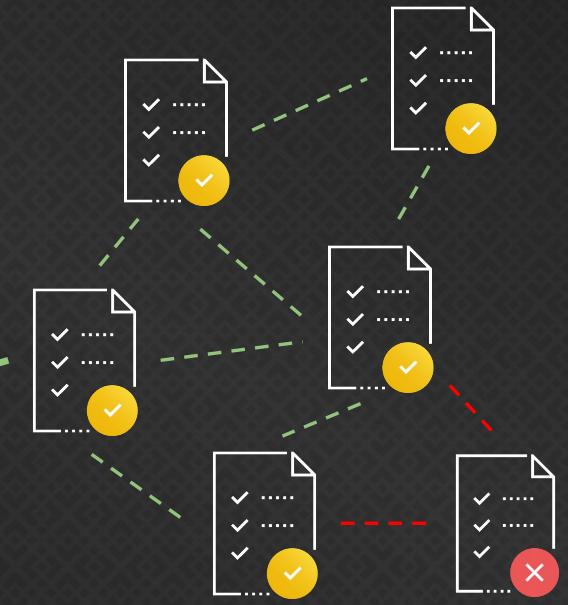
All sorts of digital data

Tamper-proof system



# What is blockchain?

The participants don't need to trust each other  
Everyone keeps track of balances and transactions  
What happens if someone tries to cheat the system?



# Bitcoin vs. Blockchain



## Bitcoin

Digital currency  
Financial asset (tradeable)  
First and most popular  
cryptocurrency  
Computer software  
Open-source code  
Public and decentralized

## Blockchain

Distributed database  
Records information  
Any kind of digital data  
Several use cases  
Various ways to build  
Digital ledger



 BINANCE

# Bitcoin vs. fiat money

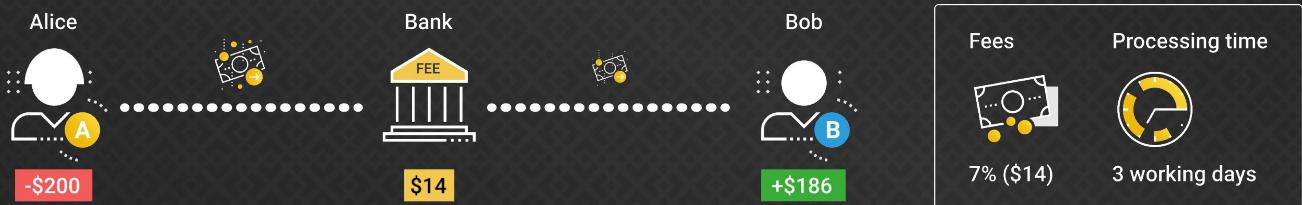
## Fiat Money

Centralized  
Controlled by governments  
Not scarce  
Unlimited supply  
Chargebacks  
Inefficient

## Bitcoin

Decentralized  
Peer-to-peer (P2P)  
Scarce  
Controlled and limited supply  
Irreversible transactions  
Fast and cheap  
Censorship-resistant

# Bank transfer



## Did you know?

The worldwide remittances made up to \$689 billion in 2018. 7% would count for \$48 billion.

# Blockchain transfer



## Did you know?

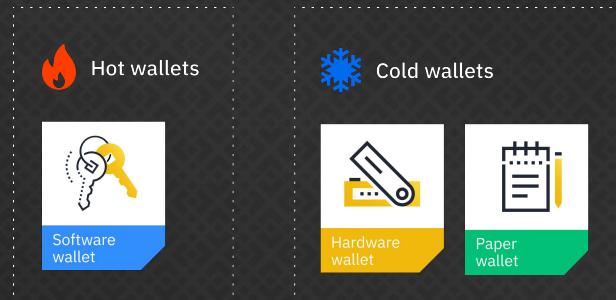
On January 16th, someone paid **\$0.49** in fees to move over **\$1 billion** in a single BTC transaction.

# Cryptocurrency wallets

A tool used to interact with a blockchain network

Can be divided into **three** main groups:

- Software
- Web
- Desktop
- Mobile
- Hardware
- Paper wallets

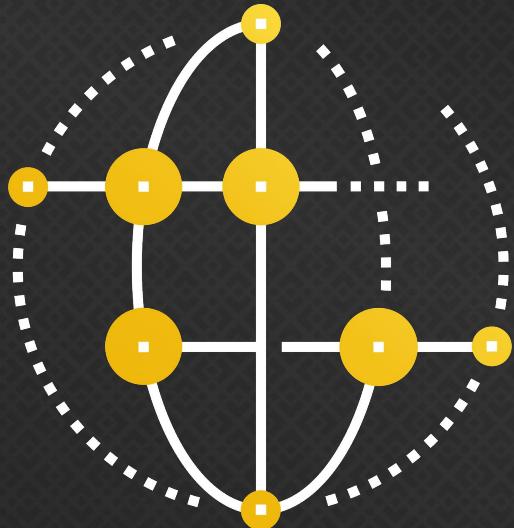


# Blockchain Use Cases

# Remittance Supply Chain Healthcare

### — Other use cases:

- Charity
- Decentralised Finance (DeFi)
- dApps
- Gaming
- Governance
- Identity Management
- IoT



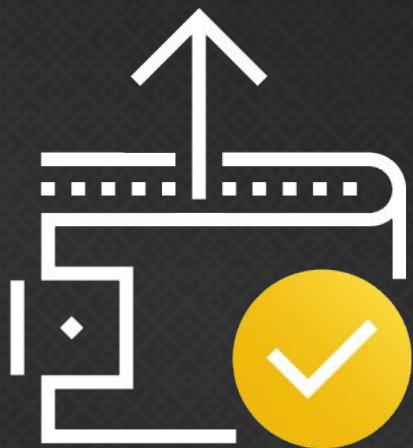
# Blockchain Use Cases - Remittance

## — **Remittance**

Worldwide transfer of money  
The largest flow of funds into developing countries  
Fast-growing industry (+9.6% in 2018).

## — **Blockchain remittance**

Less intermediaries  
Lower fees  
Faster transactions



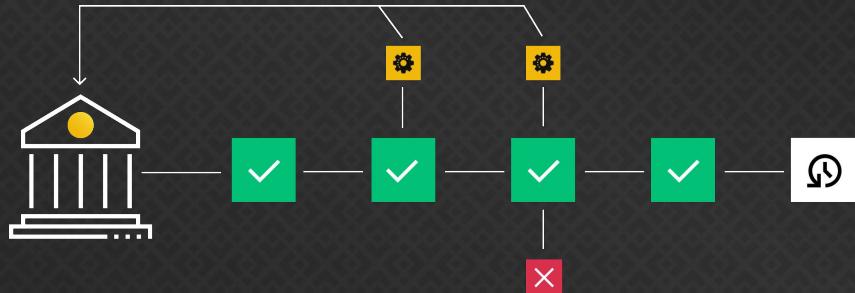
# Blockchain Use Cases - Supply Chain

## — Supply chain

A network of people and businesses creating and distributing products or services  
Lack of efficiency and transparency

## — Blockchain supply chain

Tamper-proof database  
Customizable  
Secure and transparent  
Less intermediaries (faster)  
Less frauds  
Reduced labor work  
Reduced costs



# DeFi

## TYPES

DEXes  
LENDING  
BORROWING

## BENEFITS

FINANCIAL INCLUSION - SAME RULES APPLY TO EVERYONE  
GLOBAL ACCESS  
PRIVATE AND PERMISSIONLESS  
NON CUSTODIAL, No KYC  
LIQUIDITY

## ISSUES

EDUCATION  
SCALABILITY ISSUES WITH ETHEREUM  
HIGH FEES - for retail users to participate  
USER EXPERIENCE - mistakes?  
NO SECURE INDUSTRY STANDARD - Frenzy/bubble? Most will fail  
INTEROPERABILITY





Binance is the world's leading blockchain and cryptocurrency infrastructure provider with a financial product suite that includes the largest digital asset exchange by volume.

Trusted by millions worldwide, We are dedicated to increasing the freedom of money for users, and features an unmatched portfolio of crypto products and offerings.

For more information, visit:  
<https://www.binance.com>

### — More than an exchange

The screenshot shows the Binance homepage with a dark background. At the top, there are navigation links: Binance, Buy Crypto, Markets, Spot, Derivatives, Finance, Log in, Register, and English/EUR. Below the header, a banner reads "The World's Leading Cryptocurrency Exchange" with a subtext "Trade Bitcoin, BNB, and hundreds of other cryptocurrencies in minutes." There are two input fields: "I want to spend" (set to EUR) and "I want to buy" (set to BTC), with a "Buy BTC" button. To the right of the input fields is a promotional banner for "3% CASHBACK WHEN YOU TRADE CRYPTO WITH VISA CARD" and another for "\$25 ALG Perpetual Trading". The main content area displays a table of four cryptocurrencies:

Name	Last Price	24h Change	Markets
BNB BNB	€ 14.27	-1.27%	
BTC Bitcoin	€ 8,307.07	-2.18%	
ETH Ethereum	€ 211.27	-1.52%	
XRP Ripple	€ 0.162587	-2.67%	

Below the table, it says "DASH Added to Customizable Locked Savings on Binance Bt24" and a "More >" link. The bottom right corner of the screenshot shows "MacBook Pro".



## — Freedom.

Our vision is to increase the freedom of money globally.  
We believe that by spreading this freedom, we can  
significantly improve lives around the world.



◆ BINANCE

## — Trading Volume Rankings

*From 0 to #1 in 5 months*

No. **10**

Day **42**

No. **5**

Day **92**

No. **3**

Day **156**

World  
No.

Day **165**

**1**

# Binance is Global

Users from

**180+**

Countries &  
regions

Team members from

**40+**

Countries  
&  
regions

Interface in

**15+**

Languages



# The Binance Ecosystem

## June 2020



# Best of Both Worlds

Lowest Fees

**Cheap**

Transact in Seconds

**Fast**

Deposit and Withdraw

**Convenient**



# Binance Fiat

*From 0 to funded in minutes*

## Bank Transfer

Free to deposit  
Easy to use - just a normal bank transfer  
Deposit from and withdraw to your personal bank account simply, safely and cheaply

## Visa/Mastercard

Low fees  
Instant - purchase and trade within MINUTES  
Easy to use - like buying a pair of shoes online

## P2P

Completely free (zero fees)  
Completely safe (Escrow)  
Buy and sell in your local currency in minutes  
Set your own prices

Deposit Fiat

Trade Fiat/Crypto

Withdraw Fiat



# Practicals

- How to Buy Crypto with Local Currency
- How to Sell Crypto to local currency and withdraw to bank

**Signup and trade your first crypto this week and earn \$5 💰**

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👉 <https://t.me/BinanceUganda>

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👉 <https://t.me/BinanceKenya>



# Q&A

Tweet about what you learnt at this event using  
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