

CRYPTO ASSETS

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OSTIA 2024



OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations





LET'S BREAK
OUT!



A horizontal banner with a white background. On the left side, there is a small image of a wooden gavel resting on a surface. To the right of the image, the text "OECD International Academy for Tax Crime Investigation" is written in a dark blue font. Below this, the text "Conducting Financial Investigations" is written in a smaller, italicized dark blue font. On the far right of the banner is the OECD logo, which consists of a stylized globe icon followed by the letters "OECD" in a bold, dark blue font.

All groups:

What do
think of if
you think
about crypto
assets?



What is
your
experience
with
crypto
assets?



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations



Financial investigations?



IT'S ALL ABOUT THE MONEY!

CORRESPONDENT BANKING – FOLLOW THE
MONEY

Hot news!

ICIJ INTERNATIONAL CONSORTIUM
of INVESTIGATIVE JOURNALISTS



Journalists from De Tijd, Knack and Le Soir were part of the journalists researching the documents. Belgium appeared 365 times in the 2,100 leaked documents. The four major Belgian banks, ING, KBC, Belfius and BNP Paribas Fortis, were featured. In one case, half a billion dollars was transferred in one go from a Belgian bank account to a letterbox company in the British Virgin Islands. ING Belgium in particular turned out to be a pivot in the suspicious cash flows through its correspondent banking services and former branch office in Geneva. The bank appeared to be involved in almost half of the reports in which Belgium occurs.

Belgium appeared 365 times in the 2,100 leaked documents.

17,38 %

**CORRESPONDENT BANKING – FOLLOW THE
MONEY**

Basic Wire Transfer



Originator



Originating
Bank



Intermediary
Bank



Beneficiary
Bank



Beneficiary



CORRESPONDENT BANKING – FOLLOW THE MONEY

Basic Wire Transfer Multiple Intermediaries



**KBC-
bank
Belgium
in USD**



**JP
Morgan
in the
USA**



**FEDERAL
RESERVE
BANK
USA**



**City
Bank in
the USA**



**ING-bank
Belgium in
USD**

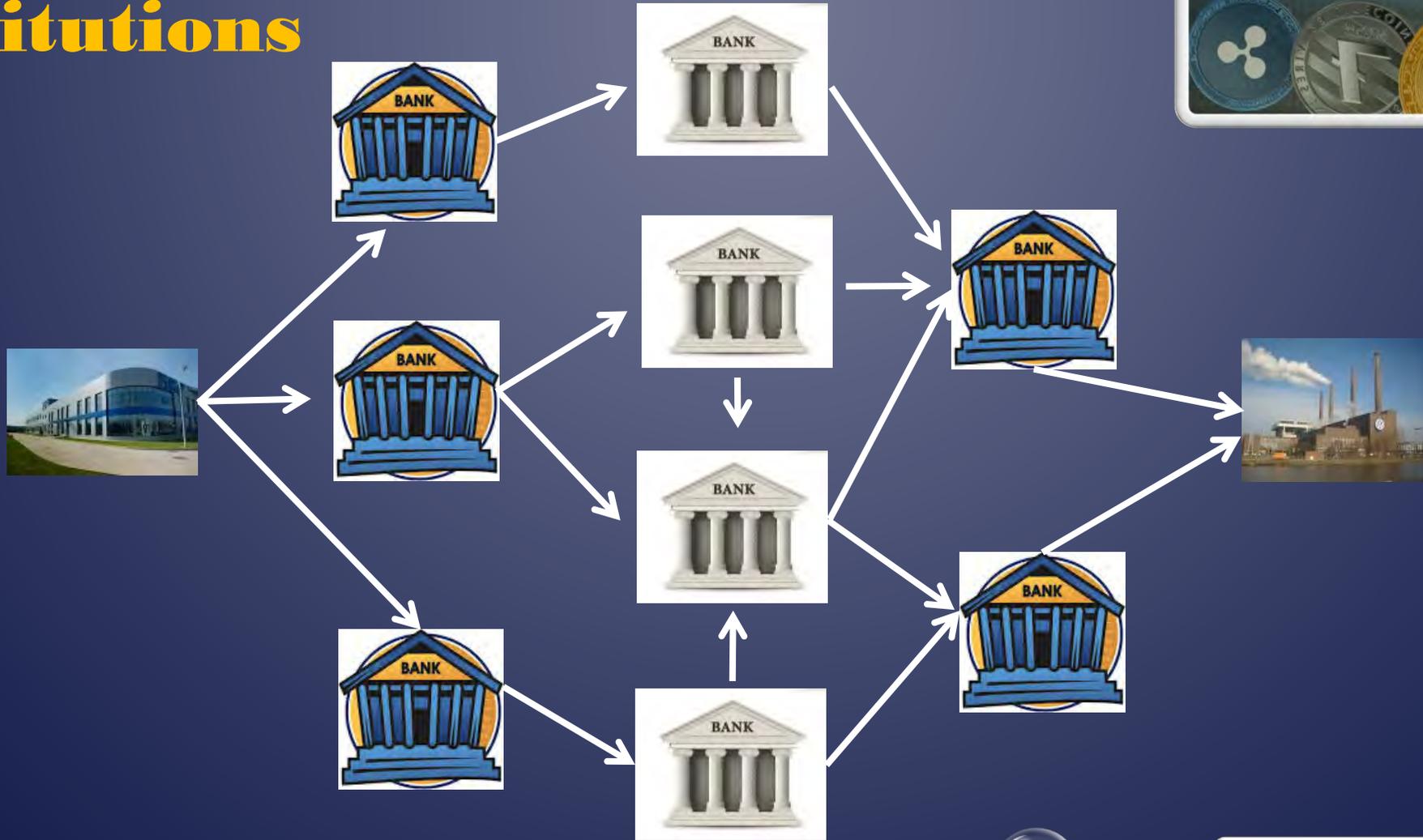


**CORRESPONDENT BANKING – FOLLOW THE
MONEY**



Basic Wire Transfer

Multiple Institutions



CORRESPONDENT BANKING – FOLLOW THE MONEY

Criminal Funds Flow



CORRESPONDENT BANKING – FOLLOW THE MONEY

CORRESPONDENT BANKING – FOLLOW THE MONEY



TXN Date	Base Amount	Originator Name	Originator Account ID	Originator Address Street	Originator Address City	Originator Country Code	Originator's Bank Name	Beneficiary Name	Beneficiary Account ID	Beneficiary's Bank Name	Bank to Bank Instructions
TXN_EXCTN_DT	TXN_BASE_AM	SCND_ORIG_NM	SCND_ORIG	SCND_ORIG	SCND_ORIG	ORIG_ADDR_C	ORIG_NM	SCND_BENF	SCND_BENEF	BENEF_NM	BANK_TO_BANK
15-Jun-07	\$29,973.02	Chester Chan	12345	Suite 4 Chen	BEIJING	CN	BANK OF CHINA	Bad Guy	74310753794	BANK INDONESIA	FOR LIVING COST
29-Oct-10	\$100,950.00	Desert Heat	21296-00	PO Box 89	SANAA	YE	UNITED ARAB BANK	Bad Guy	1001565223	COOPERATIVE BANK	Consulting Fee
18-May-09	\$10,000.00	Bad Guy	ad67898	7th Avenue,	LAGOS	NG	ECOBANK NIGERIA	NewCo Ltd	sdrea	JPMORGAN CHASE	Invoice 23423425
1-Sep-10	\$69,001.94	Bad Guy	12345678	7th Avenue,	SHARJAH	AE	UNITED ARAB BANK	Bobs Boats	HY98036	UBS BANK	Electronic Goods
1-Oct-10	\$100,950.00	Bad Guy	876543456	7th Avenue,	SHARJAH	AE	UNITED ARAB BANK	Bobs Boats	HY98036	UBS BANK	Trade Goods
30-Aug-10	\$1,400,000.00	DW82902652543	Bad Guy	6 Maple Ave	CALGARY	CA	TD BANK	Bobs Boats	LB20005600	BANK AUDI S.A.L	Investments
30-Jan-13	\$40,000.00	Muhammad Ali	678946	21 Safari Wa	KANO	NG	FIDELITY BANK	ABC Corp	053-05533	HSBC HONG KONG	B/O Jessie James

Hot news!



**INTERNATIONAL CONSORTIUM
of INVESTIGATIVE JOURNALISTS**



**In one case, half a billion dollars was transferred
in one go from a Belgian bank account to a
letterbox company in the British Virgin Islands.**

500,000,000.00 \$



**CORRESPONDENT BANKING – FOLLOW THE
MONEY**

LAW ENFORCEMENT & BANK COLLABORATION



- WHO TO SERVE & WITH WHAT (MLATS; EGMONT; INTERPOL; SUBPOENAS)
 - WHO IN THE US? (FED, CHIPS)
- EACH BANK IS DIFFERENT
- BANK SAR FILING
- ASSET SEIZURE ORDERS

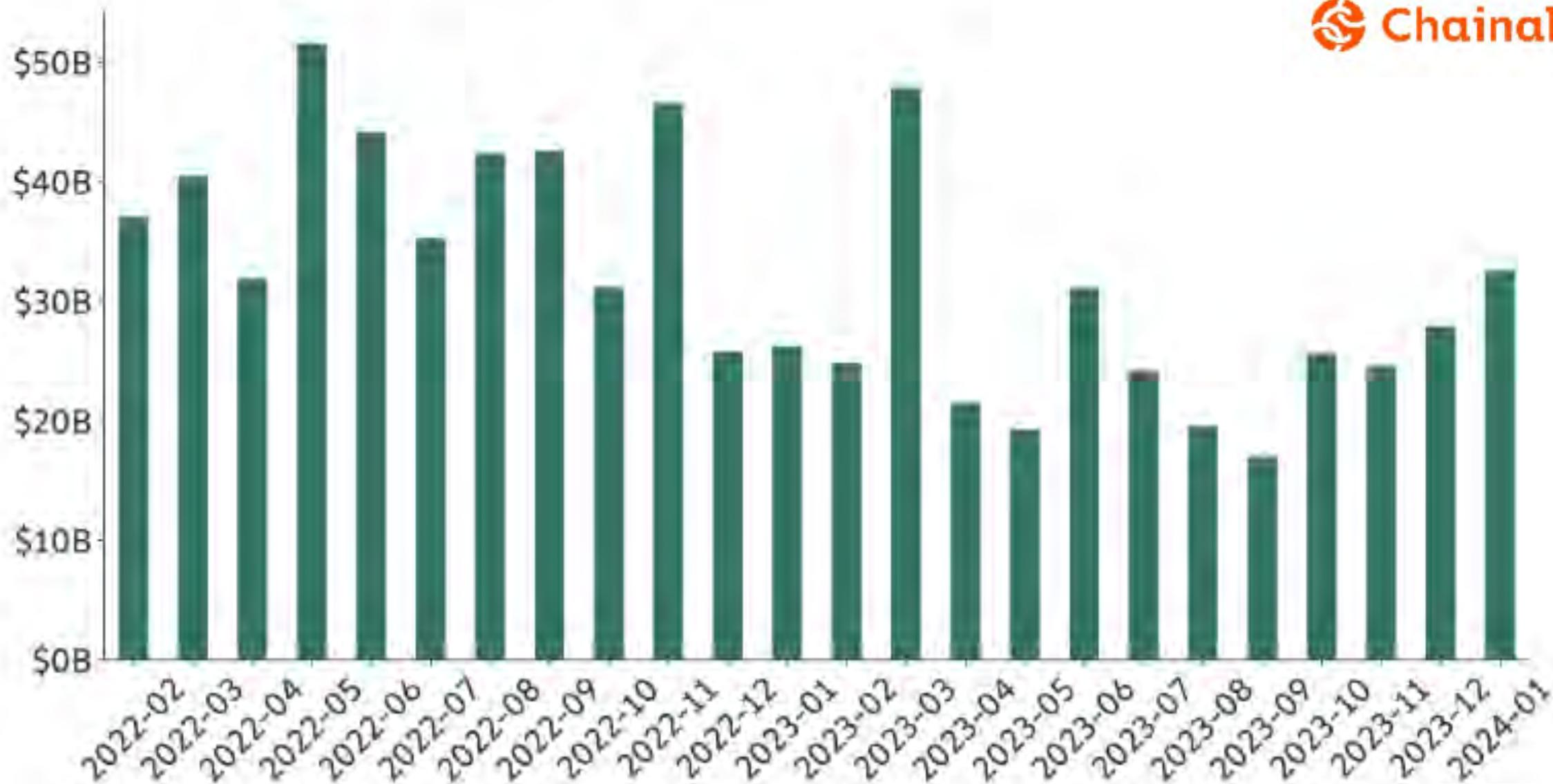


What...is a Cryptocurrency?



- Cryptocurrency (or Cryptoasset) are a type of virtual currency or alternative currency designed to work as a medium of exchange within certain communities.
- A cryptocurrency uses cryptography to secure transactions, control the creation of additional units, and verify the transfer of assets.
- Cryptocurrencies mainly use decentralised control
 - No single point of contact
 - No regulatory body
- The decentralised control of each cryptocurrency works through distributed ledger technology, typically a blockchain, that serves as a public financial transaction database.

Total value received by Eastern Asia from 2023-02 to 2024-01

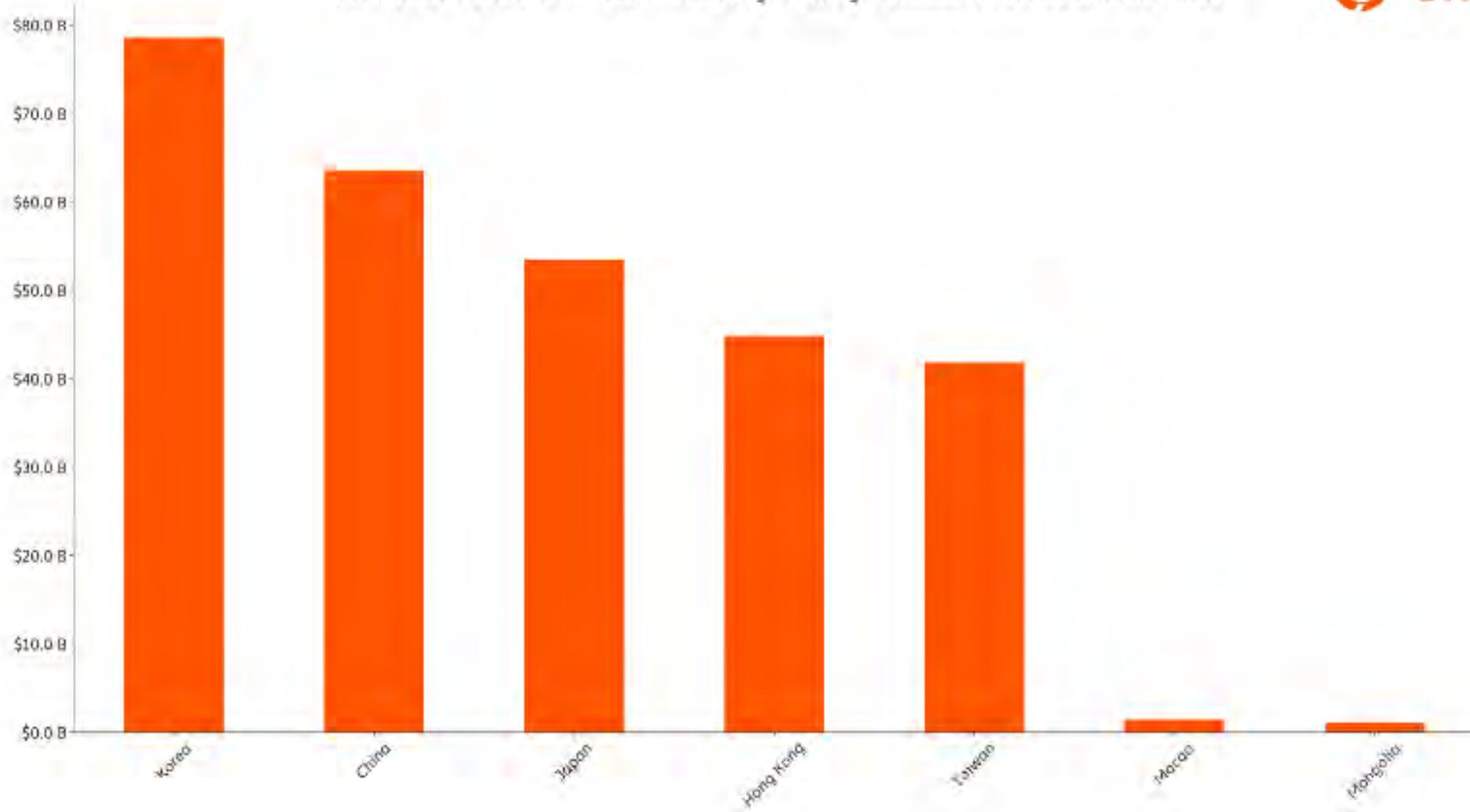


Crypto economy country breakdown

Japan is the number 3 largest country in Eastern Asia, receiving \$53.48 B in total cryptocurrency transaction value between Feb 2023 and Jan 2024.

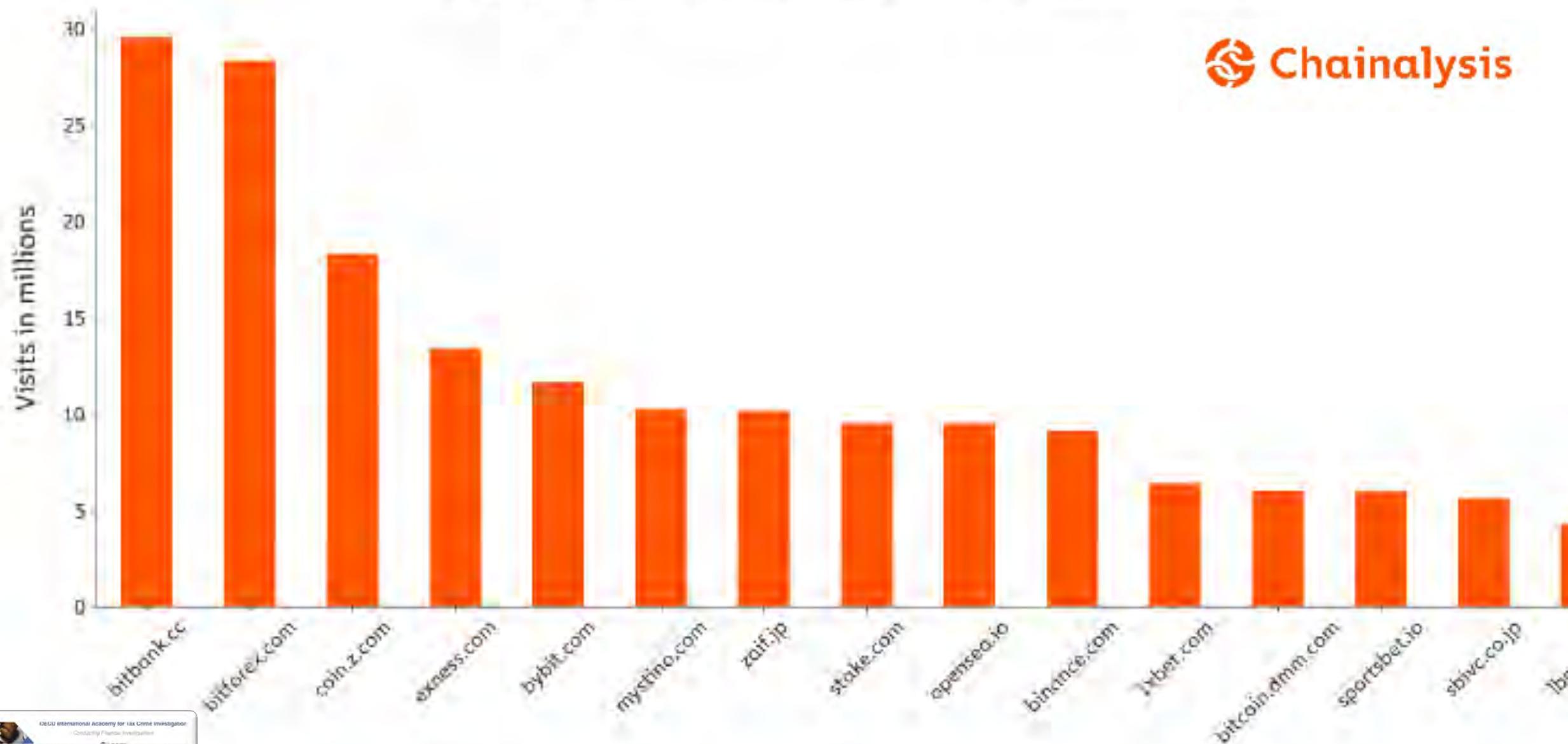


Total value received in Eastern Asia by country between 2023-02 and 2024-01



Of the top 15 services, 10 are in the exchange category, the most popular category

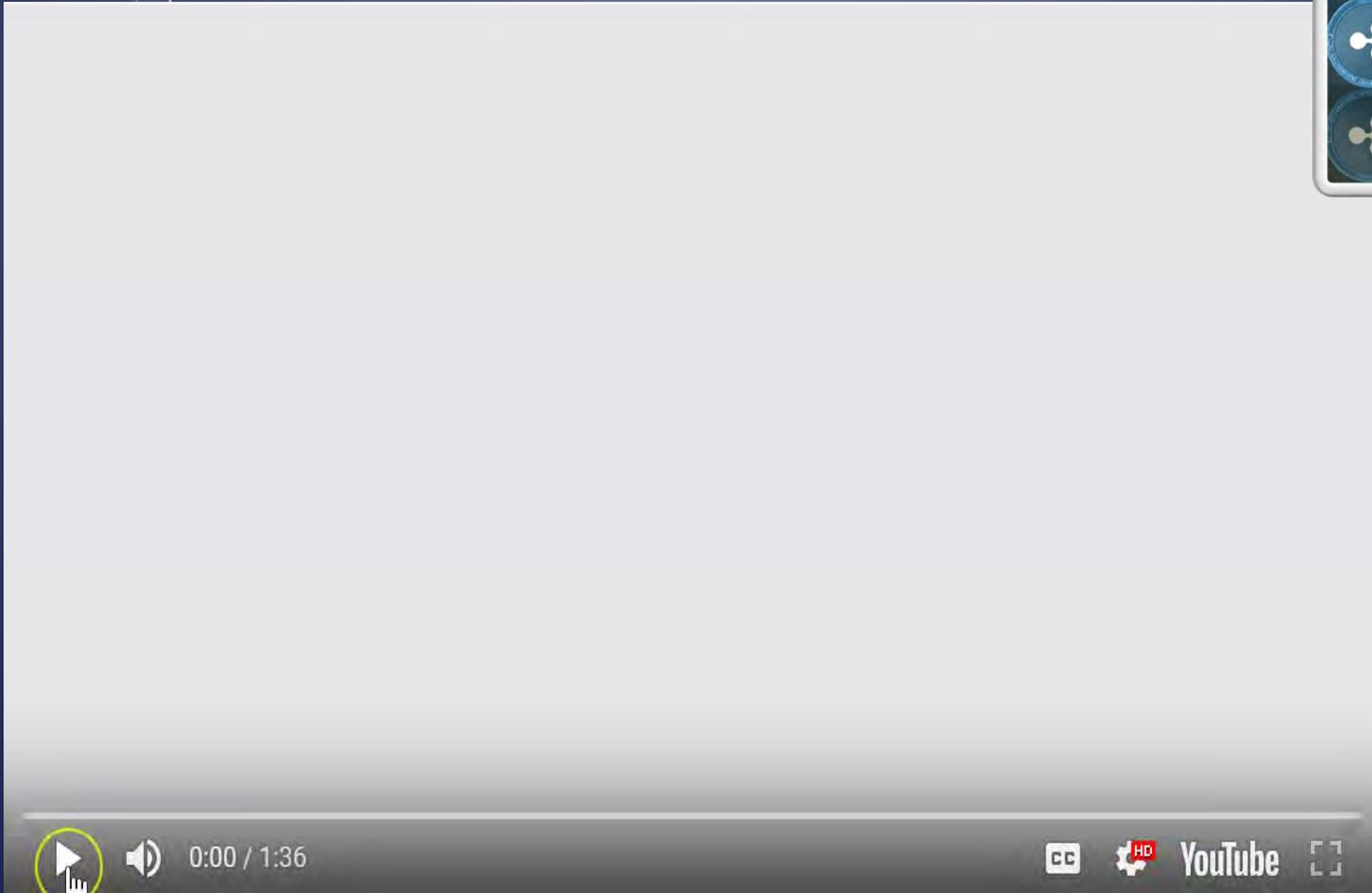
Top crypto websites visited in Japan between 2023-02 - 2024-01



What...is a Cryptocurrency?



- Over 10,000 available
- Different uses
- Different features
- Total market capitalisation and trading volume is enormous



What...is a Cryptocurrency?

Currency	Average rate	Market value	Volume (24h)	Exchange (24h)
1  Bitcoin (BTC)	57 684.00 USD	1 078 951 984 661.00 USD	64 729 631 749.00 USD	2.94%
2  Ethereum (ETH)	3 525.00 USD	408 003 494 910.00 USD	42 368 534 705.00 USD	2.31%
3  Binance Coin (BNB)	626.75 USD	96 827 057 831.00 USD	4 013 399 730.00 USD	0.27%
4  Dogecoin (DOGE)	0.718 USD	93 220 563 499.00 USD	29 225 167 974.00 USD	23.10%
5  XRP (XRP)	1.58 USD	72 806 058 248.00 USD	8 321 702 066.00 USD	-0.42%
6  Tether (USDT)	1.00 USD	55 450 864 493.00 USD	182 912 164 309.00 USD	-0.32%
7  Cardano (ADA)	1.61 USD	51 565 994 689.00 USD	6 351 302 964.00 USD	-0.55%
8  Polkadot (DOT)	39.66 USD	39 257 905 350.00 USD	2 283 120 553.00 USD	-2.61%
9  Bitcoin Cash (BCH)	1 389.64 USD	26 008 475 094.00 USD	10 009 299 187.00 USD	-2.84%
10  Litecoin (LTC)	345.21 USD	23 066 628 639.00 USD	11 425 466 531.00 USD	-5.20%

May 8th 2021



Currency	Average rate	Market value	Volume (24h)	Exchange (24h)
1  Bitcoin (BTC)	38 671.00 USD	726 549 557 877.00 USD	37 241 464 083.00 USD	12.06%
2  Ethereum (ETH)	2 357.05 USD	275 736 528 174.00 USD	25 666 860 282.00 USD	8.59%
3  Tether (USDT)	0.998 USD	61 900 669 608.00 USD	67 403 062 082.00 USD	-0.32%
4  Binance Coin (BNB)	321.93 USD	49 779 620 980.00 USD	1 893 336 388.00 USD	6.65%
5  Cardano (ADA)	1.36 USD	43 726 078 185.00 USD	2 231 714 593.00 USD	10.98%
6  XRP (XRP)	0.666 USD	30 841 167 006.00 USD	2 582 507 492.00 USD	9.81%
7  Dogecoin (DOGE)	0.225 USD	29 497 819 560.00 USD	2 721 115 896.00 USD	13.11%
8  USD Coin (USDC)	0.999 USD	27 320 751 934.00 USD	2 508 060 030.00 USD	-0.23%
9  Polkadot (DOT)	14.95 USD	15 350 391 713.00 USD	1 014 294 013.00 USD	10.25%
10  Binance USD (BUSD)	1.00 USD	11 927 543 267.00 USD	5 272 610 805.00 USD	-0.05%

July 26th 2021



Currency	Average rate	Market value	Volume (24h)	Exchange (24h)
1  Bitcoin (BTC)	30 036.00 USD	583 710 695 749.00 USD	7 735 998 849.00 USD	0.02%
2  Ethereum (ETH)	1 912.16 USD	229 629 482 787.00 USD	9 567 521 078.00 USD	0.53%
3  Tether (USDT)	0.998 USD	83 723 583 913.00 USD	9 769 018 222.00 USD	-0.23%
4  XRP (XRP)	0.787 USD	41 368 225 868.00 USD	2 861 775 301.00 USD	6.47%
5  BNB (BNB)	242.95 USD	37 834 996 328.00 USD	740 244 842.00 USD	0.14%
6  USD Coin (USDC)	1.00 USD	26 982 193 968.00 USD	4 764 281 364.00 USD	-0.16%
7  Lido Staked Ether (STETH)	1 911.17 USD	14 805 888 113.00 USD	29 741 406.00 USD	0.59%
8  Cardano (ADA)	0.317 USD	11 094 475 385.00 USD	304 840 995.00 USD	3.49%
9  Solana (SOL)	26.24 USD	10 551 838 940.00 USD	675 487 407.00 USD	0.68%
10  Dogecoin (DOGE)	0.069 USD	9 711 857 822.00 USD	311 209 165.0	

July 19th 2023



CRYPTOCURRENCY RATES LIVE

<https://coinmarketcap.com/>



FATF[®] Definition of Virtual currencies/Cryptocurrencies



Financial Action Task Force definition:

“Virtual currency is a digital representation of value that can be digitally traded and functions as:

- (1) A medium of exchange; and/or
- (2) A unit of account; and/or
- (3) A store of value, but does not have legal tender status (i.e., when tendered to a creditor, is a valid and legal offer of payment) in any jurisdiction. It is not issued nor guaranteed by any jurisdiction, and fulfils the above functions only by agreement within the community of users of the virtual currency”

Key Points:

- Decentralized – No central agency to approach for information on users
- Peer to Peer – controlled by the invested community
- Issued through providing resources to the network – This helps to verify transactions and provide security.
- Value is based on supply & demand, the economic policy or desire to invest in the technology on offer.

In its most recent update to the guidance the FATF also defined some cryptocurrencies as “virtual assets” which they defined as: “A virtual asset is a digital representation of value that can be digitally traded, or transferred, and can be used for payment or investment purposes. Virtual assets do not include digital representations of fiat currencies, securities and other financial assets that are already covered elsewhere in the FATF Recommendations.”

Where... did they come from?

A brief history

- 1992 – Cypherpunks
- A cypherpunk is any activist advocating widespread use of strong cryptography and privacy-enhancing technologies as a route to social and political change.
- *“Privacy is necessary for an open society in the electronic age... We are defending our privacy with cryptography...and with electronic money”.*
(Eric Hughes, ‘A Cypherpunk Manifesto, 1993)



Where... did they come from?

Electronic money:

- 1) Conventient
- 2) Untraceable
- 3) Liberated from the oversight of governments and banks



How does a normal card payment work?

- 1** • I present my debit card at the hotel to pay my bill.
- 2** • The card reader communicates with the hotels bank via a merchant acquirer.
- 3** • The hotel's bank communicates with my bank via another merchant acquirer.
- 4** • My bank pays the hotel's bank via the second merchant acquirer.
- 5** • The hotel's bank confirms receipt of payment via the original merchant acquirer.
- Payment is approved by the hotel card reader.
- The transaction involves the hotel, two banks, and two merchant acquirer services.
- 5** • Fees are extracted by each bank and merchant acquirer and often the retailer.



How does a Bitcoin transaction operate?

- 1** • I present the app on my phone or other device to the retailer.
 - 2** • The retailer's Bitcoin app checks my Bitcoin wallet via the blockchain.
 - 3** • The Bitcoin is transferred from my wallet to the retailer's wallet via the blockchain.
 - The transaction is recorded publicly on the blockchain.
 - The transaction involves me, the retailer and the Blockchain.
- 1** • No fees are extracted therefore, no one profits other than the retailer.





TRANSACTIONS

- In simple terms the transfer of bitcoin from one address to another. More precisely a transaction is a signed data structure expressing a transfer of value. Transactions are transmitted over the bitcoin network, controlled by miners, and included in blocks, made permanent on the blockchain.
- Each transaction has two sides, inputs and outputs.
- The inputs show the amount being sent and what sender address are involved.
- The outputs show the amount of bitcoin being credited and the recipients address.

inputs: 2 (0.00292888 BTC) unique addresses: 2, source transactions: 2		outputs: 2 (0.00291008 BTC) unique addresses: 2, spent: nothing	
0. 1LmYcTgoxYCBN9iVjXtuJkUMMww3ZKTJdf	0.00252617 BTC prev. tx	0. 16KnJRPXbNu3aJraaMMX274k2VYGPoMDS	(change address) 0.00039096 BTC unspent
1. 16KnJRPXbNu3aJraaMMX274k2VYGPoMDS	0.00040271 BTC prev. tx	1. 3BZWU6A4mK6neCte3U9qspmy6ZKJ5YHLrA	 CoinPayments.net 0.00251912 BTC unspent

- Importantly the inputs and outputs do not necessarily add up to the same amount.
- This is because there is a fee to pay for including a transaction in a block. As outlined computational power and energy is consumed when a block is mined. The fee provides some compensation for those carrying out the mining activity.

MINING

- In the previous slide we have looked at the concept of a **blockchain**. This is the **public ledger** of all transactions which everyone in the Bitcoin network accepts as the authoritative record of ownership.
- How though can everyone agree on this record without having to trust anyone else?
- How can the record withstand attack from dishonest or malicious parties?

- Bitcoin looks to solve this by creating what is essentially a **lottery** in which the winner gets to include transactions in the ledger (blockchain).
- Importantly though **the financial incentives** of this process encourages **honest behaviour** from the participants.

- There is a cost to entering the lottery as generating the winning numbers is a random process which requires **computer processing power**. Generating this power costs the participants in electricity expended.



MINING



MINING



The University of Cambridge's online tool estimates Bitcoin's annual electricity consumption is more than The Netherlands, United Arab Emirates and Argentina



<https://digiconomist.net/bitcoin-energy-consumption>

MINING

- The winner of the lottery gets to mint a number of new bitcoins and claim the transaction fees (coinbase transaction) for the ledger entry they have created (a block).
- However they cannot claim this reward until a timelock has passed.
- In the meantime if any node rejects any of the transactions in the ledger entry (block) because the rules have not been followed the winner loses their reward.

- As a result of dishonest behaviour has serious economic costs for participants. Further to this the ongoing success of the network provides participants with the opportunity of long term rewards through the asset appreciating in value.
- Dishonest behaviour would have a high risk of undermining the value of the asset and reducing the long term opportunities through loss of confidence in the protocol.

- Participants are called miners, the lottery process is called mining and the concept behind it is proof of work. Miners can also be nodes on the network.



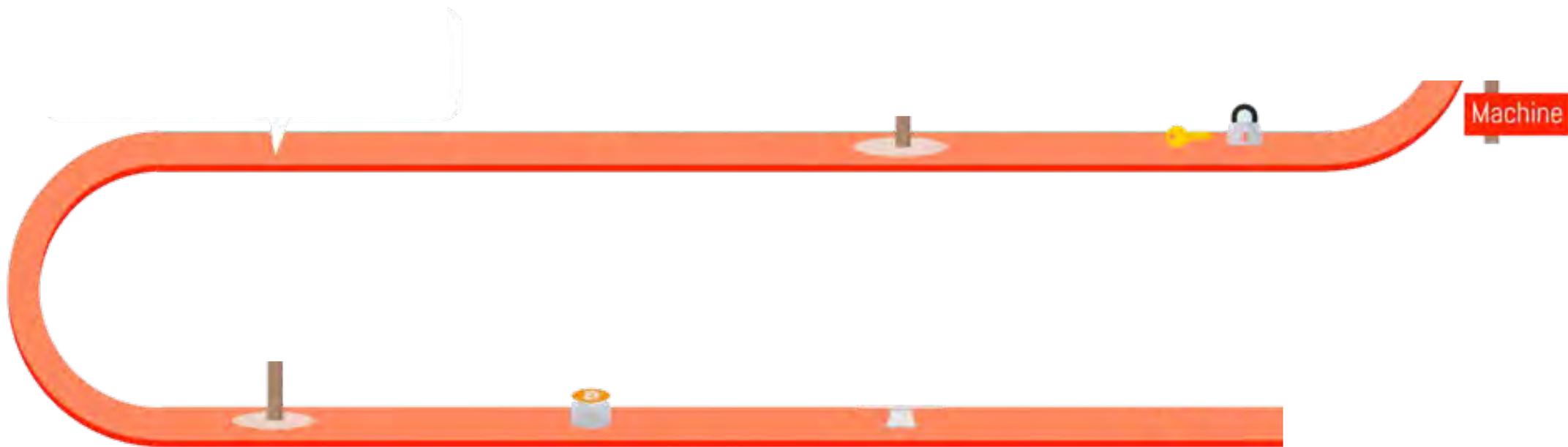
PROOF OF WORK EXPLAINED



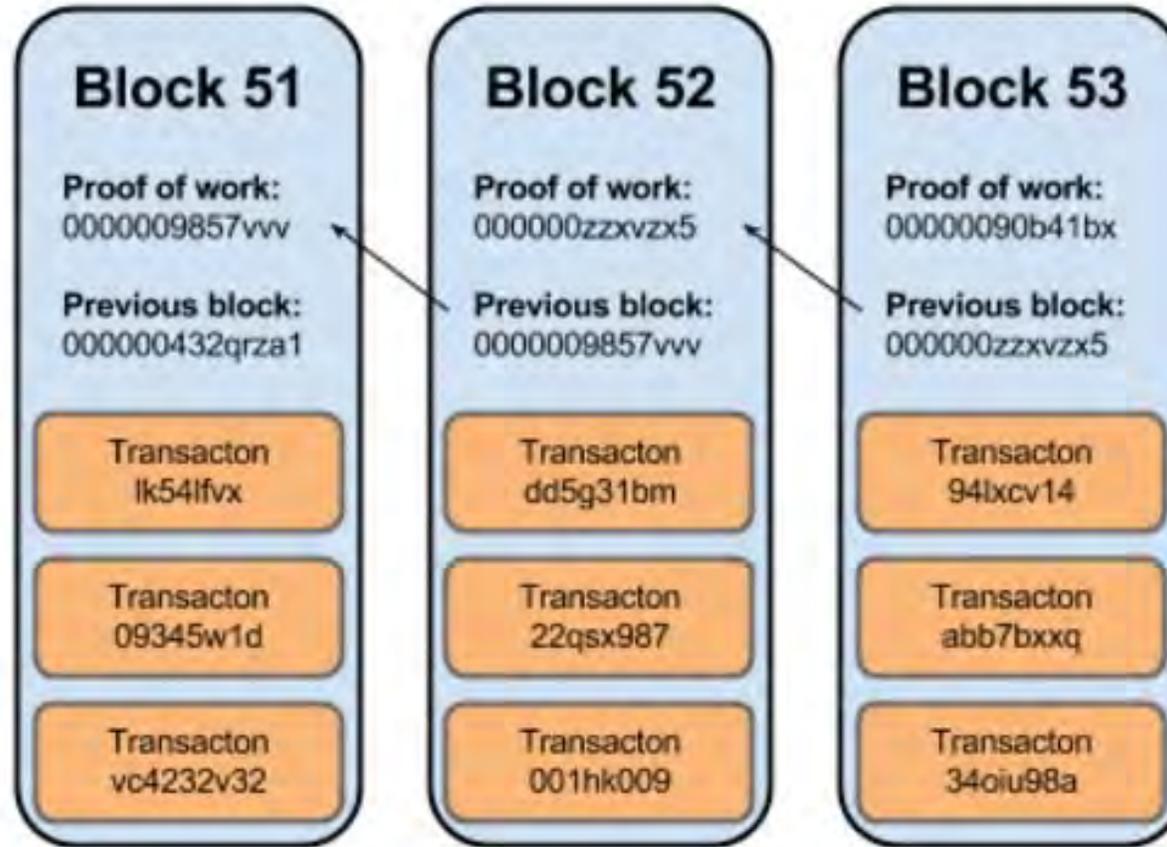
WDTM



Jack opens his bitcoin wallet...



Blockchain hashing?!

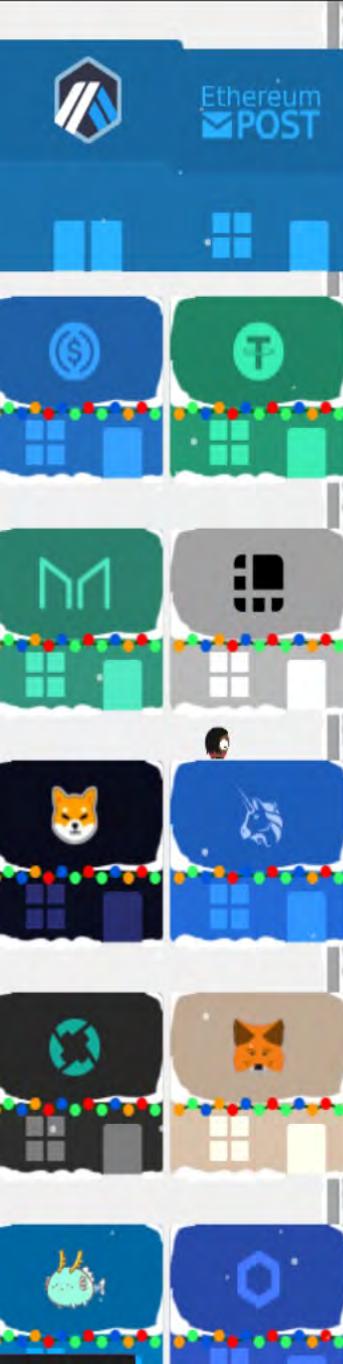




Cube D

Blockchain explained!





MEDIAN TRANSFER FEE
~\$3.75 USD

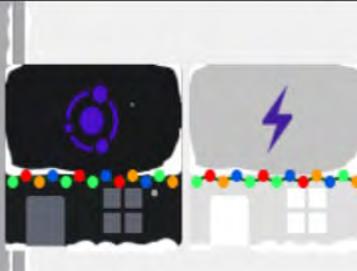
Your Ad Here!

Blockchain Blockchain

#19020188 59 Gwei +0 Wei	#826041 42 Sat/vB
#19020189 59 Gwei +0 Wei	
#19020190 56 Gwei +1 Gwei	#826042 39 Sat/vB
#19020191 49 Gwei +1 Gwei	

MEDIAN TX FEE
\$3.99

Contribute Here



<https://txstreets.com/v/eth-btc>

<https://bitnodes.io/>

<https://bitnodes.io/nodes/live-map/>

Ethereum's current energy expenditure with proof-of-work is too high and difficult to maintain. Solving energy expenditure without sacrificing security and decentralization is a major technical challenge and has been a focus of research and development for years.

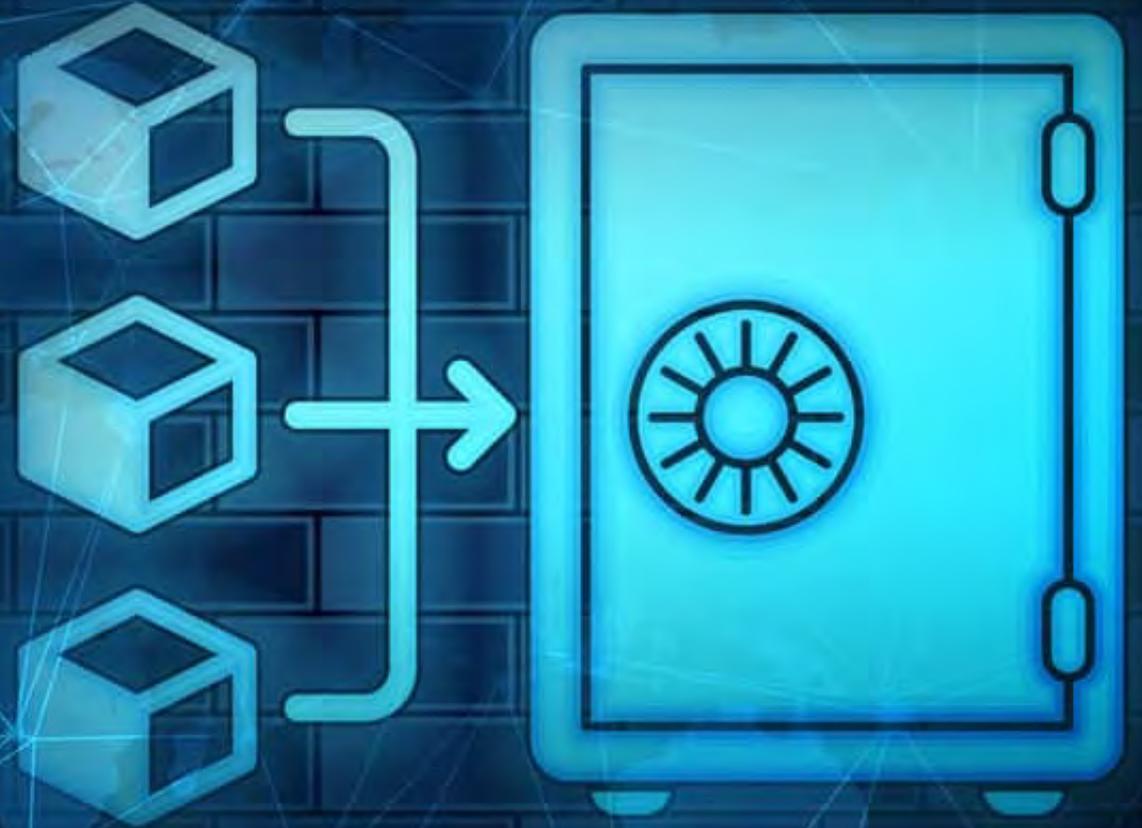
A greener future for Ethereum is already being built in the form of a proof-of-stake (PoS) chain.



Save Planet Earth



PROOF OF STAKE



PROOF OF STAKE



Proof-of-Stake (PoS) is a consensus mechanism used in blockchain networks to achieve distributed consensus and validate transactions. In contrast to Proof-of-Work (PoW), which relies on miners solving complex mathematical problems to validate transactions and create new blocks, PoS operates on a different principle.

CONSENSUS MECHANISMS

Proof of Work



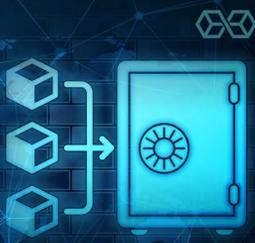
Many miners compete to solve a puzzle the fastest

Proof of Stake



A single validator is selected to process the transaction

PROOF OF STAKE



In a PoS system, validators, also known as "forgers" or "stakers," are chosen to create new blocks and validate transactions based on the amount of cryptocurrency they hold and are willing to "stake" as collateral. The more cryptocurrency a participant is willing to lock up as collateral, the higher the chances they have to be chosen as the next validator to create a new block.

Proof of Work

VS

Proof of Stake



High processing power required by miners to solve arbitrary puzzles to add a block.



Validators are randomly chosen on stake-basis and participate through simple devices



One needs to control at least 51% of the node to control transaction on the chain.



For 51% attack, one needs to own 51% of all cryptocurrencies on the chain.



The first miner to solve the problem gets cryptocurrency as the reward



Validators earn through chagrin transaction fee, no rewards for block validation



Here are the key features of Proof-of-Stake:

1. Staking: Participants in the network are required to lock up a certain amount of cryptocurrency as collateral to become eligible for block validation.

2. Random Selection: Validators are chosen to create new blocks in a deterministic or pseudo-random manner, typically based on factors like the amount of cryptocurrency staked and the length of time it has been staked.

3. Security: PoS is designed to be more energy-efficient compared to PoW, as it doesn't involve the intensive computational work seen in mining. The security of the network is theoretically tied to the economic incentives of validators, as they have a stake in the network's well-being.

4. Block Validation: Validators take turns proposing and validating new blocks. If a validator acts maliciously, for example, by attempting to double-spend or validate fraudulent transactions, they risk losing their staked cryptocurrency.

Public key vs Private key!

A **public key** allows you to receive cryptocurrency transactions.

It's a cryptographic code that's paired to a private key.

While anyone can send transactions to the public key, you need the **private key** to “unlock” them and prove that you are the owner of the cryptocurrency received in the transaction.

Bitcoin Address		Private Key
	SHARE	
17rD8fygKuqhV6jUW8PZDJQmiwvJQAkqoN		KwPnCP6TFN9czFWah6SagGRiXeMoMoPCWNEiMzZdXdq8UqJRkZbb

Custodial vs non-custodial wallets!

Custodial wallet

A custodial wallet is a wallet in which a third party (usually a crypto exchange) is responsible for managing your private keys.

Instead of having custodial access to your funds, a service provider gets complete control of your money. Users rely on custodial wallets because managing private keys is not an easy task.

Non-custodial wallet

A non-custodial wallet is a wallet in which you are responsible for storing and managing your private keys.

Instead of third parties like crypto exchanges having custodial access, you have full control over your digital assets.



Adakah terdapat sebarang soalan?

Sorularınız var mı?

Savollar bormi?

Apakah ada pertanyaan?



質問はありますか？

هل هناك أية اسئلة؟

有没有问题？

क्या कोई सवाल हैं?

มีคำถามหรือไม่?

តើមានសំណួរទេ?

Why do people use it?



- **Spend it:**

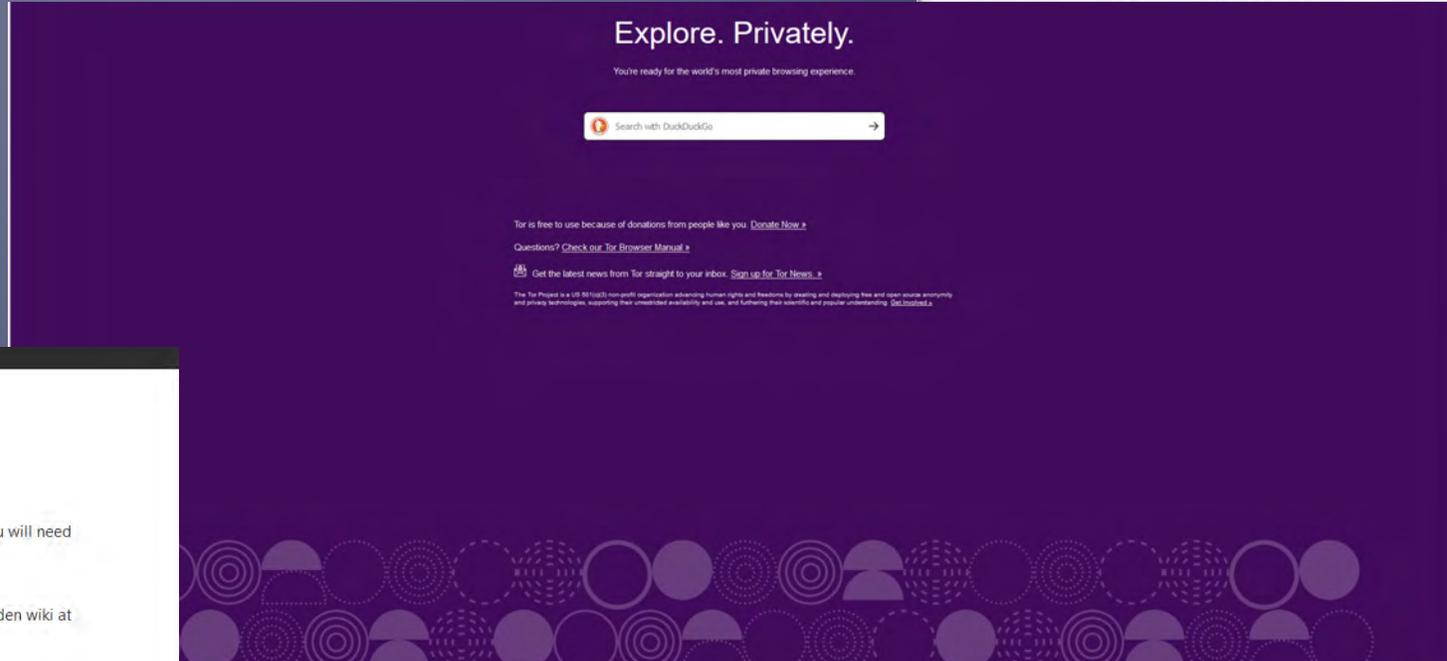
In 2010, 10.000 bitcoins were used to buy 2 pizza's

- Value determined
- No bank needed
- No 3rd party needed

- **Darkweb market places**



Why do people use it?



Links to Dark Web Markets

Welcome to our site. Below, you will find a list of links to dark web markets for your research. Before navigating markets on the dark web, you will need to install the TOR browser. We describe the process below, at the bottom of the page.

For an up to date list of markets you can always check <http://tormarketsfxi2my.onion/> and there are many more dark web links on the hidden wiki at <http://hiddenwiki7wiyzr.onion/>



Appollon

<http://apoloncbh3sgd23.onion>

Avaris

<http://xnwoz5jjwzsubdzs455ab2svrzupdk3wwryj77gkhc66nyxaiyhwtkid.onion>

BitBazaar

<http://ign6nnulov7lctpon2kjinroosncu5i7sqaybwhd6ase3rs5es2h3fkid.onion>

Cannahome

<http://cannahome5zoy2sc.onion>

Cannazon



How does it work?



Indicators:

- Mobile Apps
- Browser history
- Hardware wallets
- ToR Browser

How does it work?



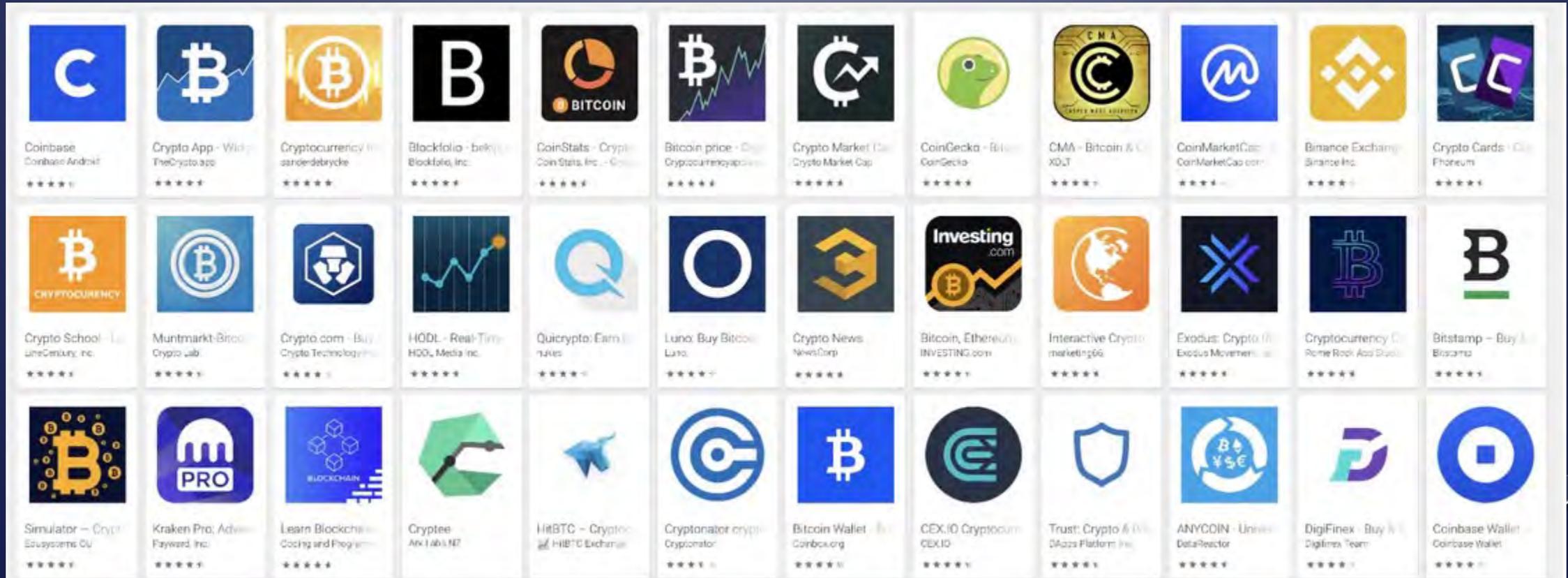
Hardware wallets:

- Keep Key
- Ledger
- Nano
- Trezor



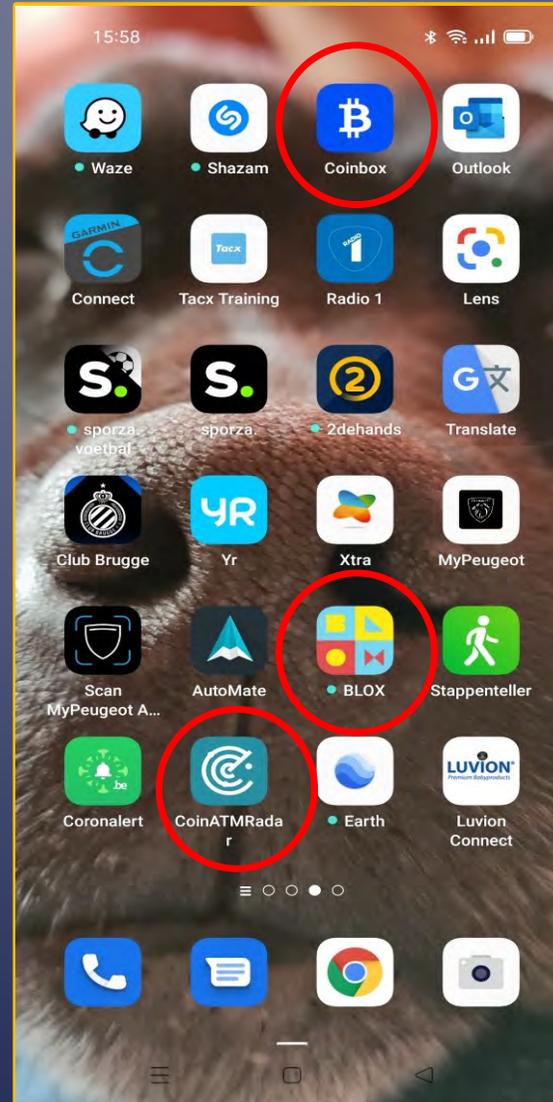
How does it work?

Mobile wallets



How does it work?

Mobile wallets



How does it work?



Paper wallets

- QR codes
- Private key or
- Public key

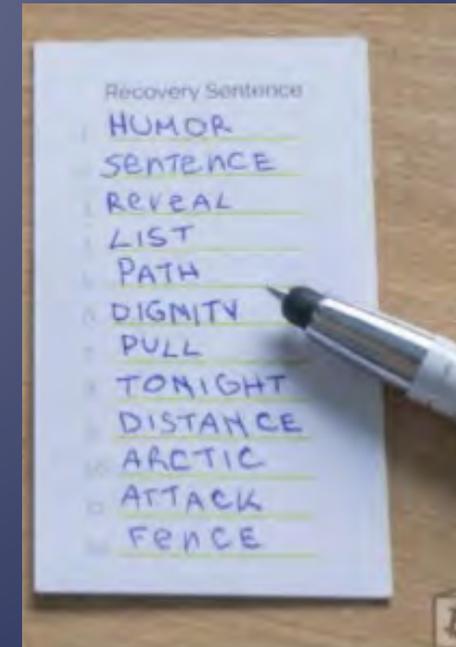
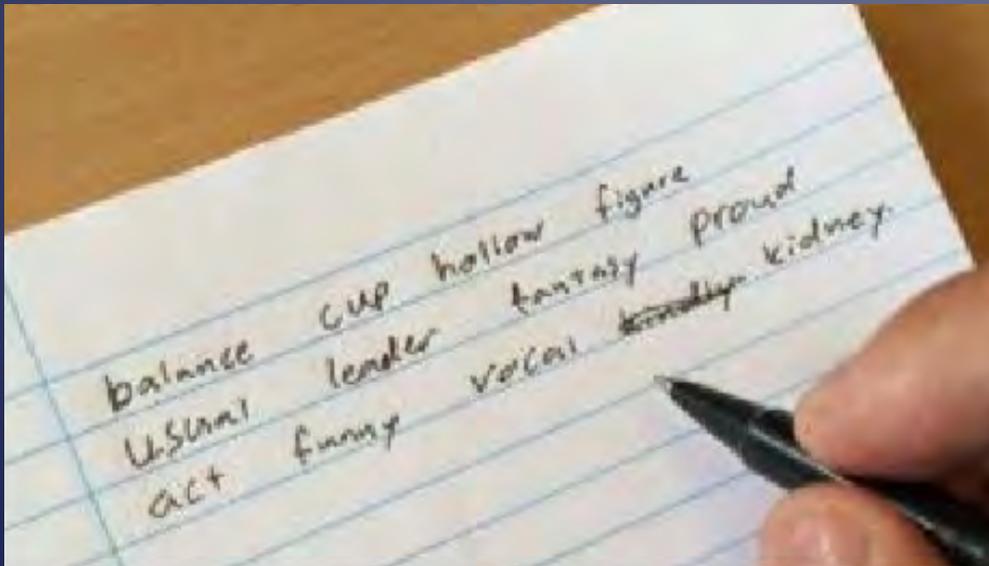


How does it work?



Recovery seeds

- 12, 18 or 24 random words

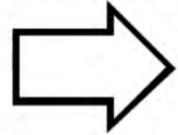


How does it work?

Recovery seeds



2009



2013

BIP39

(Bitcoin Improvement Proposal 39)

Seed Word Implementation



wallet.dat



The wallet.dat file contains your private keys, public keys, scripts (which correspond to addresses), key metadata (e.g. labels), and the transactions related to your wallet. If you have an HD wallet, it also includes the HD seed and the derivation paths for each private key.

Private Keys Space

All Bitcoin and Ethereum private keys can be found here.

TELL ME MORE

Private Key Search

Brainwallet Generation

BTC Address Balance

ETH Address Balance

Private Keys Space

All Bitcoin and Ethereum private keys can be found here.

TELL ME MORE

Private key search

You can enter a Bitcoin or Ethereum private key below, if you are wondering where a wallet is located in the key space. Be aware that typing your private key on random websites is risky! This is a great tool for finding where already exposed keys are placed within the private key space.

We only support searching by private key and not by addresses or public keys, thus recovering a lost wallet is impossible. Private key formats are either WIF for Bitcoin, or 64-character hex for Ethereum.

Select ▾

Private key

Search

How does it work?



People horrified by story of man who lost password to \$220m worth of bitcoin: 'Panic inducing to read'

Hundreds of people are commiserating with a man who has lost his password for accessing his 7,002 [bitcoin](#), worth about \$220m, and has just two attempts left before he is locked out forever.

Speaking to [The New York Times](#), Stefan Thomas, a German programmer living in California, revealed that he was gifted the bitcoin, which has fluctuated in value over the years before recently [surging](#), as a reward for making an animated video about bitcoin in 2011.

According to Thomas, he lost the password to his IronKey, an encrypted hard drive that holds the keys to his digital wallet, the same year.

Since then, Thomas told the outlet he has tried eight variations of his commonly used passwords in an attempt to gain access to his IronKey. Unfortunately, his chances are running out, as IronKey only allows users 10 attempts before it "seizes up and encrypts its contents forever," *The Times* notes.



Bitcoin is also unable to help, as it does not store passwords, but rather grants individuals who buy bitcoin a private key to their digital wallet - which only they have access to.

What...is a Cryptocurrency?



- Cryptocurrency (or Cryptoasset) are a type of virtual currency or alternative currency designed to work as a medium of exchange within certain communities.
- A cryptocurrency uses cryptography to secure transactions, control the creation of additional units, and verify the transfer of assets.
- Cryptocurrencies mainly use decentralised control
 - No single point of contact
 - No regulatory body
- The decentralised control of each cryptocurrency works through distributed ledger technology, typically a blockchain, that serves as a public financial transaction database.

How does it work?



Indicators:

- Mobile Apps
- Browser history
- Hardware wallets
- ToR Browser

LET'S BREAK
OUT!



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations





Take a closer look at the crime scene photos!

All groups:

What item(s) would be of interest to your investigation?
Why are they interesting?



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations



GO TEAM!

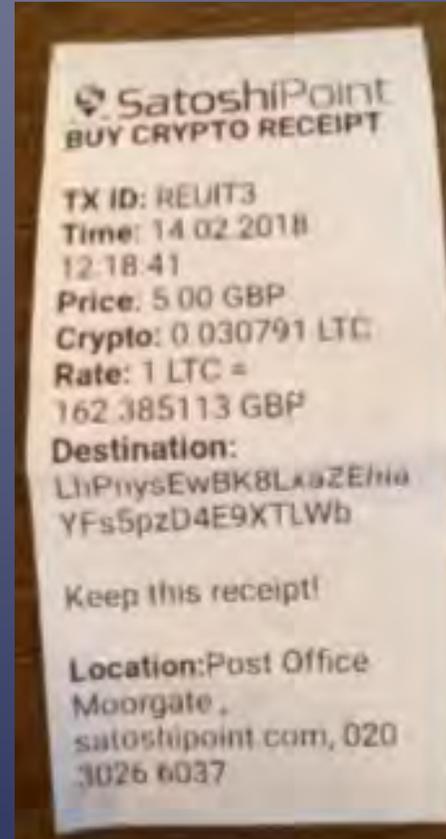


How does it work?



Receipts

- ATM receipts:
 - How much deposited
 - The type of crypto
 - Destination



Cryptocurrency and illicit finances



Typology 1

Prepaid cards:

- Exchange crypto for fiat currency
- Load fiat currency onto card
- Spend fiat currency using card, or withdraw cash at ATM



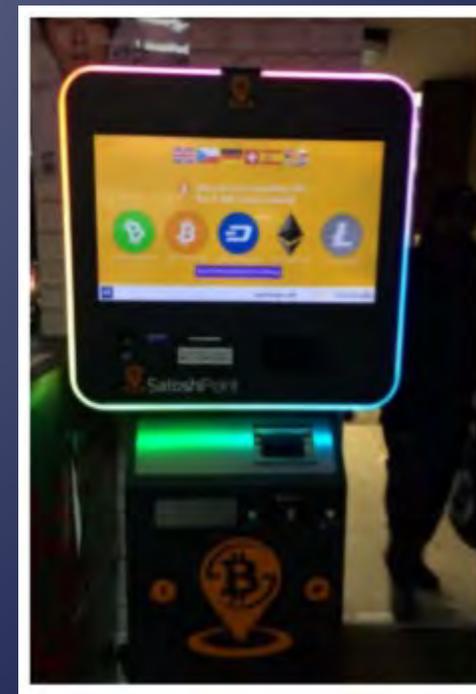
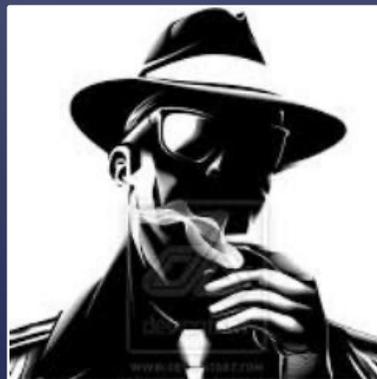
Cryptocurrency and illicit finances



Typology 2

CATMs (Cryptocurrency ATMs):

- Mostly cash only
- Independent Supermarkets
- Takeaways
- Gas stations
- AML controls?



Cryptocurrency and illicit finances



Typology 2

CATMs (Cryptocurrency ATMs):

//coinatmradar.com



The screenshot shows the Coin ATM Radar website interface. At the top, there is a navigation bar with the logo and links for Producers, Countries, More, Support us, Blog, and Log in. Below the navigation bar, there is a search section titled "Bitcoin ATM Near Me Search". The search form includes a "Select operation:" dropdown with "Buy" and "Sell" options, a "Select cryptocurrency:" dropdown with various options like Bitcoin (BTC), Lightning BTC (LBTC), Bitcoin Cash (BCH), Ether (ETH), Dash (DASH), Litecoin (LTC), Zcash (ZEC), Monero (XMR), Dogecoin (DOGE), Tether (USDT), and Ripple (XRP). There is also a search input field for "Address or location:" with a placeholder "Search by address..." and a "Use my current location" button. Below the search form, there is a "Results:" section with a message "Try search above." and a note "Alternatively, you can find cryptocurrency ATM near you using one of our mobile apps:" followed by links to the Google Play and App Store. The website also features a "shitcoins.club" banner with the text "Koop en verkoop cryptocurrencies met een van onze geldautomaten" and "De laagste prijzen Veiligheid Anonimiteit".

Cryptocurrency and illicit finances



Typology 2

CATMs (Cryptocurrency ATMs):

//coinatmradar.com

Bitcoin ATM Near Me Search.

Select operation:

Buy Sell

Select cryptocurrency:

- Bitcoin (BTC) Lightning BTC (LBTC) Bitcoin Cash (BCH) Ether (ETH) Dash (DASH)
- Litecoin (LTC) Zcash (ZEC) Monero (XMR) Dogecoin (DOGE) Tether (USDT)
- Ripple (XRP)

Address or location:



Use my current location



Results:



Promoted location nearby:

Punto ATM Bitcoin in Rome at Via Emanuele Filiberto, 34

Based on your search input we found *"Lido di Ostia, Rome, Italy"* and show locations nearby.
If this location is wrong, please make a more specific search.

	<u>Così è La Pizza il Bistrot</u> 	19 km	<u>Rome</u>	Fees: Buy: 9.5% updated online 5% Off BTC2022	Limits: Unknown	Score: +1	Details
	<u>Nuvole D'aromi 2.0</u> 	21 km	<u>Rome</u>	Fees: Buy: N/A, Sell: N/A 5% Off BTC2022	Limits: Unknown	Score: +22	Details
	<u>X Telefonja</u>	22 km	<u>Rome</u>	Fees: Buy: N/A	Limits: Buy: EUR 3000/txn, Daily: EUR 100000	Score: +1	Details
	<u>ListoSolutio</u>	22 km	<u>Rome</u>	Fees: Buy: N/A	Limits: Unknown	Score: +2	Details



Cryptocurrency and illicit finances



Typology 2

CATMs (Cryptocurrency ATMs):

//coinatmradar.com

Bitcoin ATM machine in Rome at Nuvole D'aromi 2.0 – General Bytes.

Location

City: Rome

Location: Nuvole D'aromi 2.0

Business phone:

Show number →

Address:

Viale dei Colli Portuensi, 240b
Rome RM 00151
Italy



Open hours:

Mon: 4:00 pm – 7:30 pm

Tue-Sat: 10:00 am – 1:00 pm, 4:00 pm – 7:30 pm

Sun: Closed



Bitcoin machine details

ATM Type: General Bytes

Supported coins and fees:

5% Off

Coupon code:
BTC2022

Coupon expires on 31-Dec-2022.

Discount applies to fees.

Operator disabled price reporting or information is outdated.

	Buy	Sell
Bitcoin	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Bitcoin Cash	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Ether	✓ Fees: reporting disabled	✗
Litecoin	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Ripple	✓ Fees: reporting disabled	✗
Supported fiat:	EUR	EUR

Cryptocurrencies

Typology

CATMs (Cr



Finances



[//coinatmradar.com](https://coinatmradar.com)

Cryptocurrency and illicit finances



Typology 2

CATMs (Cryptocurrency ATMs):

//coinatmradar.com

Bitcoin ATM Near Me Search.

Select operation:

Buy Sell

Select cryptocurrency:

Bitcoin (BTC) Lightning BTC (LBTC) Bitcoin Cash (BCH) Ether (ETH) Dash (DASH)
 Litecoin (LTC) Zcash (ZEC) Monero (XMR) Dogecoin (DOGE) Tether (USDT) Ripple (XRP)

Address or location:

Mathare North Road, Off Thika, kenia

Use my current location

KENYA SCHOOL
OF MONETARY
STUDIES (KSMS)



A School of the Central Bank of Kenya

Cryptocurrency and illicit finances



CATMs (Cryptocurrency ATMs)

//coinatmradar.com



General Bytes bitcoin ATM at Kenrail Towers in Nairobi Ring Rd Parklands



General Bytes bitcoin ATM at Kenrail Towers in Nairobi Ring Rd Parklands

© Stadia Maps, © OpenMa

Results:

Based on your search input we found "Hong Kong, China" and show locations nearby.
If this location is wrong, please make a more specific search.

Teller		Admiralty Centre - Crypto HK	0.3 km	Hong Kong	Fees: Buy: N/A, Sell: N/A	Limits: Unknown	Details
ATM		LkF	0.8 km	Hong Kong	Fees: Buy: N/A	Limits: Unknown	Details
ATM		中環7號碼頭 Central Pier No. 7 CoinUnited	0.9 km	Hong Kong	Fees: Buy: 6.9% updated online	Limits: Unknown	Details
ATM		灣仔軒尼詩道 Wan Chai WASHours CoinUnited	0.9 km	Hong Kong	Fees: Buy: 6.9% updated online	Limits: Unknown	Details
ATM		HK Bitcoin ATM Central 	1.1 km	Hong Kong	Fees: Buy: N/A, Sell: N/A	Limits: Unknown	Details
ATM		灣仔 Wan Chai Laundryup CoinUnited	1.2 km	Hong Kong	Fees: Buy: 6.9% updated online	Limits: Unknown	Details
ATM		Great Eagle Centre	1.3 km	Wan Chai	Fees: Buy: N/A	Limits: Unknown	Details

Cryptocurrency and illicit finances



Location

City: [Hong Kong](#)

Location: [HK Bitcoin ATM Central](#)

Address:

6 Wing Kut St Shop 50 (1st floor)

Hong Kong中環 6 永吉街

誠利商場

50 商店, 1樓



Open hours:

Mon-Sun: 8:00 am – 8:30 pm

Bitcoin machine details

ATM Type: [Lamassu](#)

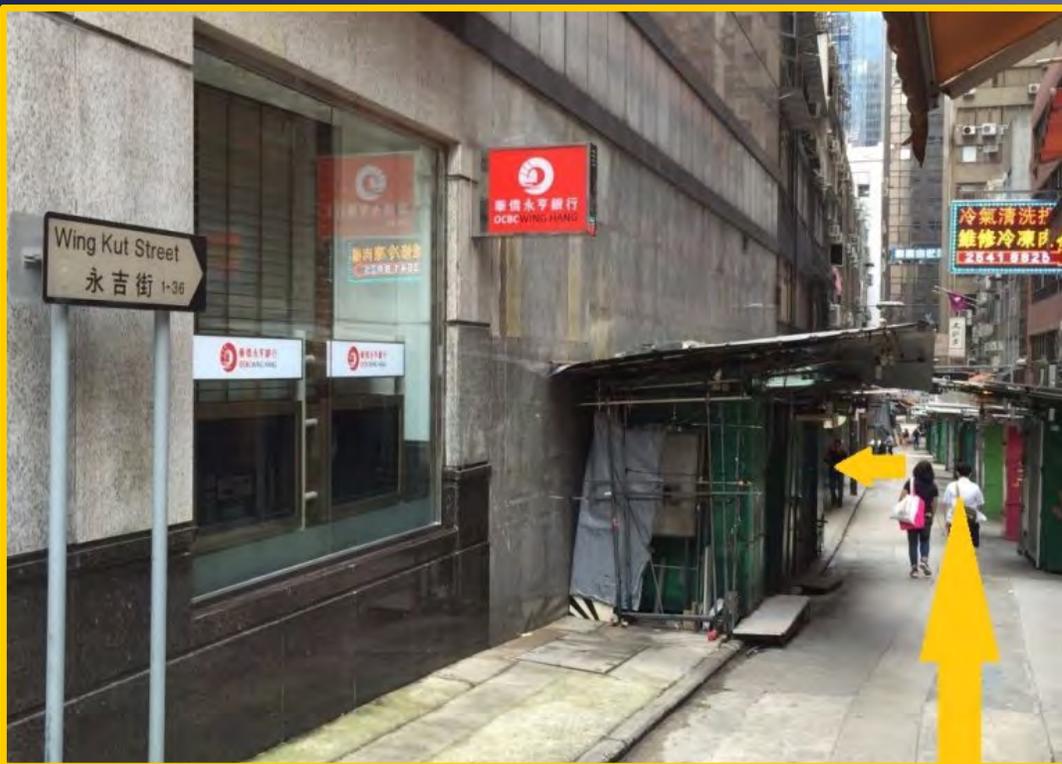
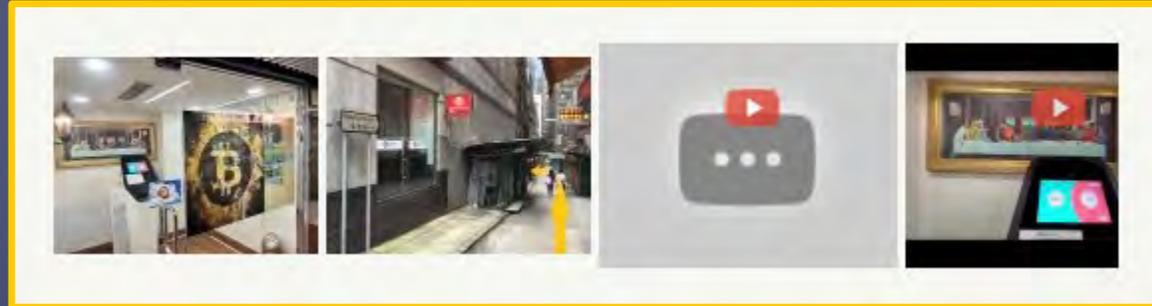
Supported coins and fees:

Prices are updated 6 hours 48 minutes ago.

[refresh](#)

	Buy	Sell
Bitcoin	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Bitcoin Cash	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Ether	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Litecoin	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Zcash	✓ Fees: reporting disabled	✓ Fees: reporting disabled
Supported fiat:	HKD	HKD

Cryptocurrency and illicit finances



Cryptocurrency and illicit finances



CATMs (Cryptocurrency ATMs)

//coinatmradar.com



General Bytes bitcoin ATM at Kenrail Towers in Nairobi Ring Rd Parklands



General Bytes bitcoin ATM at Kenrail Towers in Nairobi Ring Rd Parklands

© Stadia Maps, © OpenMa

Cryptocurrency and illicit finances



Results:

	Friet Lounge	0.8 km	Ghent	Fees: Buy: N/A	Limits: Buy: EUR 2500/txn, Sell: EUR 2500/txn, Daily: EUR 2500	Score: +1	Details
	De Salon	2.6 km	Ghent	Fees: Buy: N/A, Sell: N/A	Limits: Buy: EUR 3000/txn, Daily: EUR 15000	Score: +2	Details

	Smartphone Fixen	19 km
	Dranken 	24 km
	ZeelandICT	35 km
	De Boeren	40 km
	Royal Shop 	41 km
	Smartphone Fixen	41 km



ar.com

Report a problem

Operator details



Operator's name: Shitcoins Club

+48 797 090 008

shitcoins@shitcoins.club

On the map: All Shitcoins Club bitcoin ATM locations

Are you operator? Check the list of services we provide.

Location

City: Oostkamp

Location: Gulf Gas Station

Business phone:

Show number →

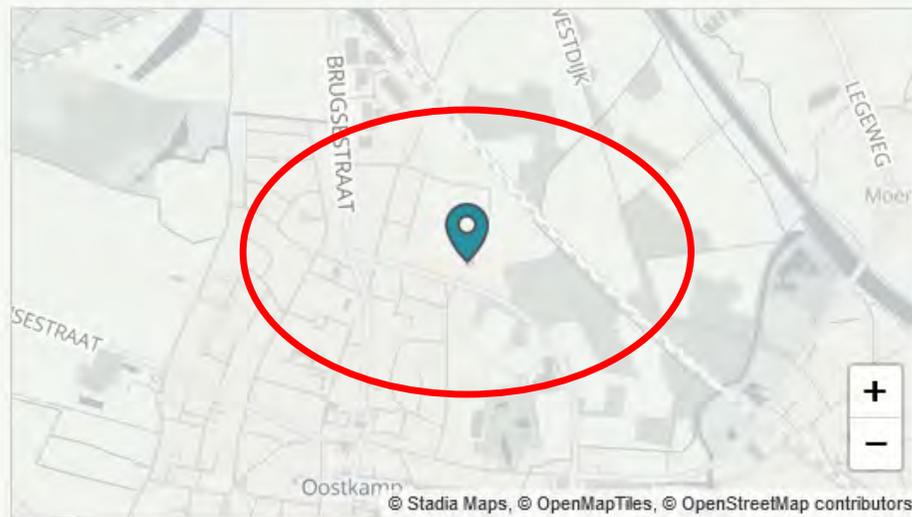
Address:
Legeweg 151
8020 Oostkamp
Belgium



Open hours:

Mon-Fri: 7:30 am – 2:00 pm

Sat-Sun: 7:30 am – 5:00 pm



Nearest

Best Buy

Best Sell

Closest bitcoin ATM locations:



Royal Shop

5.4 km



Hyundai Wulffaert

24 km



Akel Supermarkt

34 km



Cryptocurrency and illicit finances



Typology 2

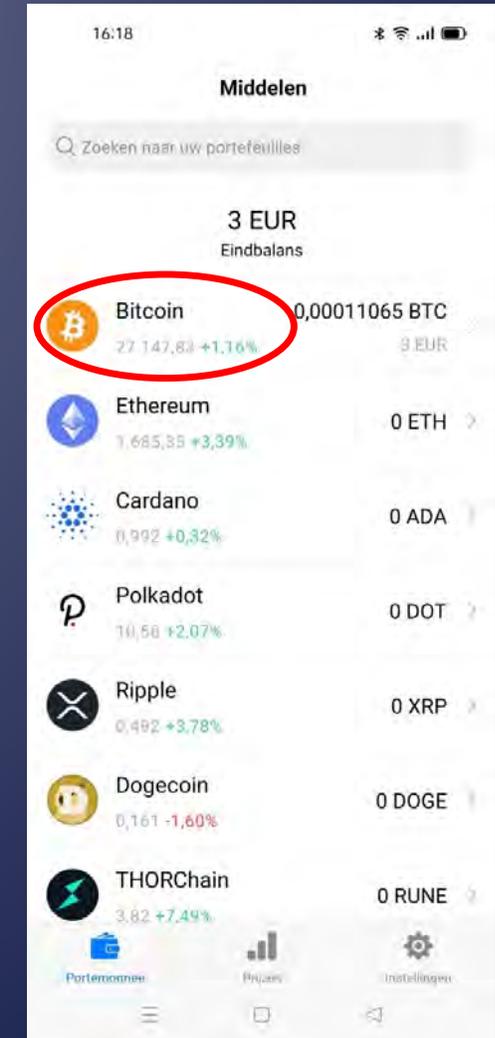
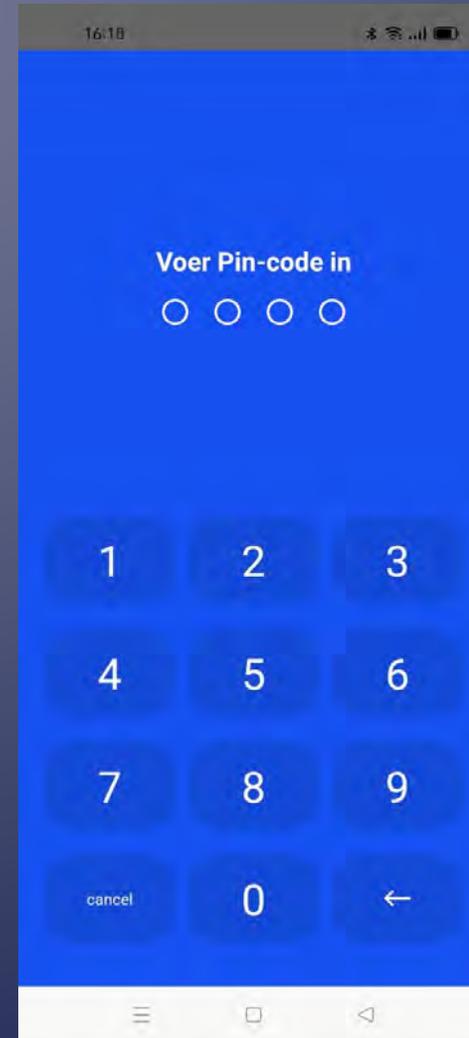
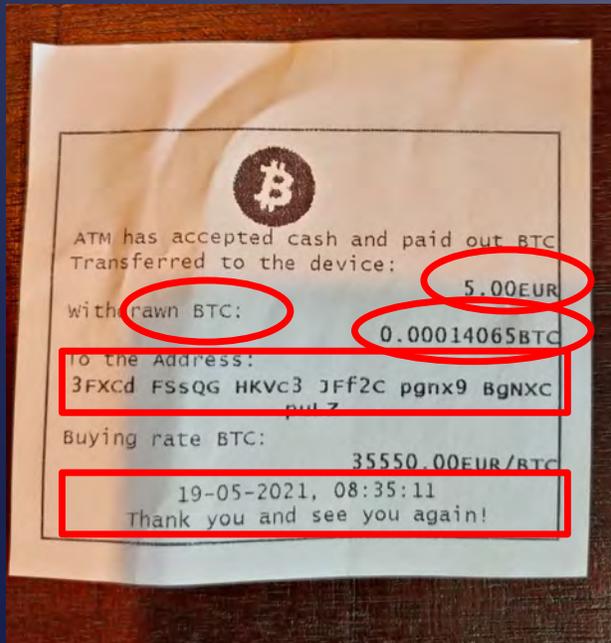
CATMs (Cryptocurrency ATMs)

In the vicinity of an investigator's home.

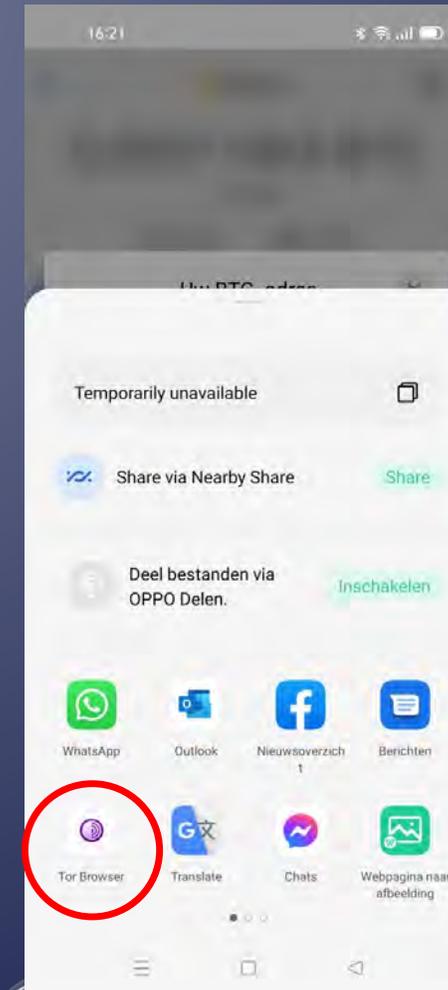
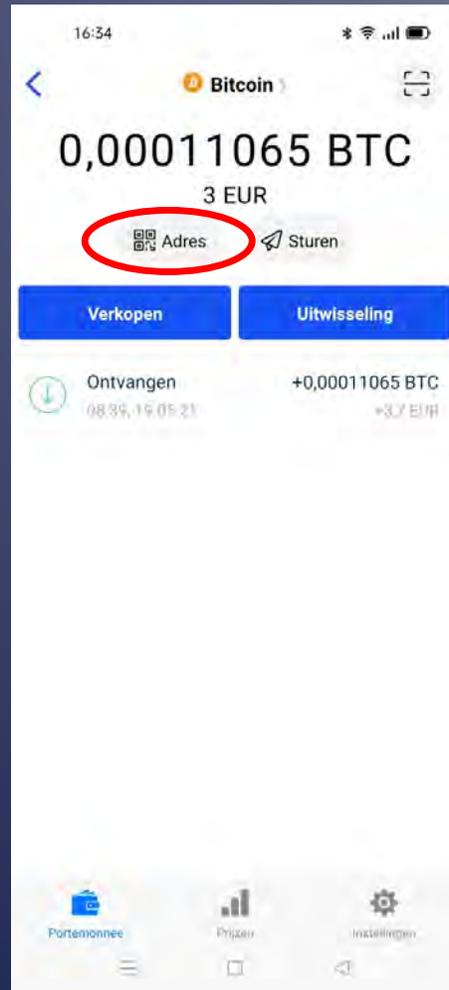
//coinatmradar.com



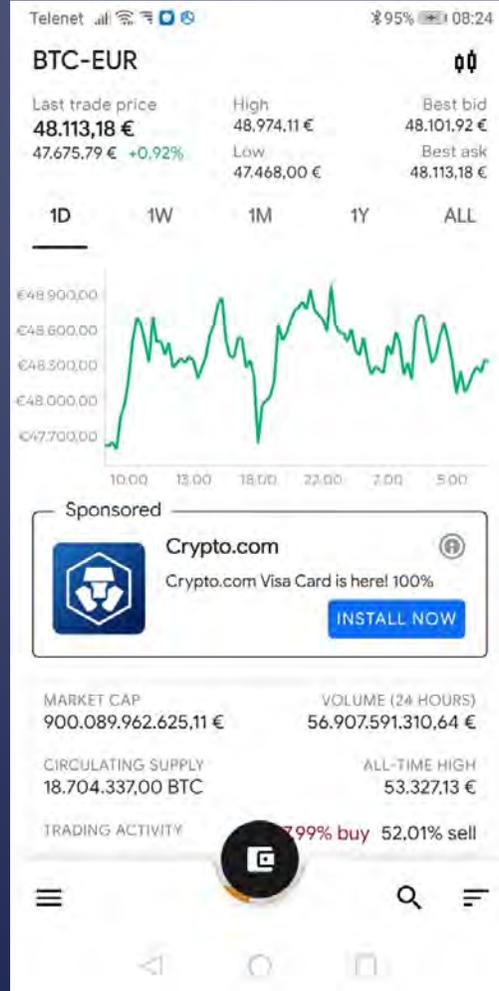
Cryptocurrency and illicit finances



Cryptocurrency and illicit finances



Cryptocurrency and illicit finances



Telenet 95% 08:24

Hello, Your Bitcoin address

Gebruik op eigen risico, Lees de [veiligheidsvoorschriften](#).

Total Balance: mBTC0.00 > ≈ EURO0.00

Request BTC | Scan QR | Send BTC

Sponsored

Crypto.com
Crypto.com Visa Card is here! 100%
INSTALL NOW

Alle betalingen | Show All

Telenet 95% 08:24

Hello, Your Bitcoin address

Om je privacy te beschermen zal het adres wijzigen zodra een betaling ontvangen is.

Sponsored

Crypto.com
Crypto.com Visa Card is here! 100%
INSTALL NOW

bc1q1ly8rf02wmk9dz5awmyxq5gvpwfdzg36hnpfeh

Cryptocurrency and illicit finances



Typology 3

Peer to peer exchange

- Worldwide Brokers – contact via websites
- Buy or Sell
- Range of payment methods:
 - Bank transfer
 - Amazon gift cards
 - Cash

Trade Bitcoin On Paxful

PAXFUL

Join over 12 million people just like you on everyone's favorite peer-to-peer platform to buy and sell Bitcoin.

Buy Sell

Bitcoin

1 BTC = 65,752.2 USD 

Pay with

Select payment method (350+) **Show All**

Bank Transfer PayPal Other Bank Transfer MTN Mobile Money Don>

I want to spend

Enter amount USD 

Minimum: 10 USD

Find Offers

Over 350 ways to buy and sell Bitcoin.

Explore our Marketplace and start trading with your favorite payment methods or discover something new.

Sell Bitcoin

Buy Bitcoin



Bank transfer

Our guided bank transfer trades quick and easy to buy Bitcoin.



Online wallets

Buy Bitcoin using a huge range of popular online wallets, including PayPal, M-Pesa, and Apple Pay.



Debit/credit cards

Use your debit or credit card to buy Bitcoin from users around the world.



Gift cards

Have a gift card you don't need? It doesn't have to go to waste — now you can trade it for Bitcoin.



Digital currencies

Use Tether, Ethereum, Litecoin, and more to buy Bitcoin.



Cash payment

Cash is accepted here too — no bank account needed.



Goods and services

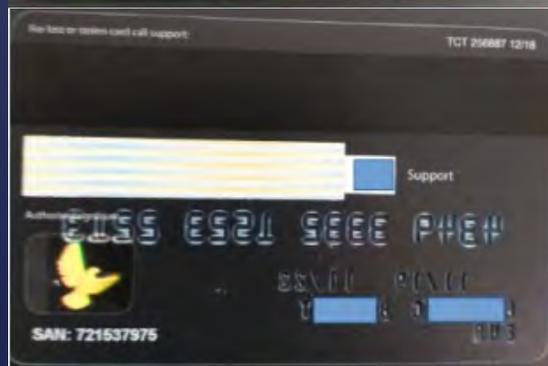
We've seen Bitcoin bought with cars, gold, and much more.

Cryptocurrency and illicit finances



Typology 4:

Cryptocards:



Cryptocurrency and illicit finances



Typology 4:

Cryptocards:



A – URL	https://www.bitwala.com https://app.bitwala.com
B – Location	German company located in : Bitwala GmbH Ohlauer Straße 43 10999 Berlin Germany Company registration number : HRB173698B, Amtsgericht Charlottenburg Germany Support Center Phone : +49 30 2398 0075 support@bitwala.com
c-1 – Verification of the company's credibility	BITWALA issues a non-anonymous cryptocard. It displays the currency EUR. It is delivered by standard mail. The 3D SECURE system is delivered with the card.
c-2 – Search on the card issuer	The BITWALA Mastercard has the BIN 537458 and comes from SOLARIS Bank AG in Belgium. The card is prepaid.

c-3 – Creating an account to access the order	Create an account with an email address and a password.
c-4 – Data required to identify oneself (KYC)	Bitwala only offers BITCOIN crypto-currency. The account management is done through the website or application. KYC is very rigorous. A video interview of nearly 15 minutes is conducted for the KYC verification. Security features of identity documents are verified online and questions about civil status are asked.

Cryptocurrency and illicit finances



Typology 4:

Cryptocards:



24/7 customer support
support@advcash.com

Kazakhstan
+7 727 350 54 95

Business and partnerships
business@advcash.com

Russia
+7 800 777 47 25

A – URL	https://advcash.gi https://wallet.advcash.com
B – Location	Russian company located in : ADV PROJECT LTD Suite 16, Block 5, Watergardens, GX11 1AA Gibraltar
c-1 – Verification of the company's credibility	ADVCash delivers a non-anonymous cryptocard. It displays the currency EUR. The 3D SECURE function is not specified and has not been tested. It is delivered by DHL.
c-2 – Search on the card issuer	ADVCash's VISA card has the BIN 434933. The banking service provider is Laurentian Bank in CANADA. This is a prepaid card.

c-3 – Creating an account to access the order	Create an account with an email address and password
c-4 – Data required to identify oneself (KYC)	8 cryptocurrencies are available, including Bitcoin, Ethereum, Litecoin. The account management is done through the website or application. The latter, it is not in the Playstore but on the website appsgeyser.io by allowing data from an unknown source to be downloaded.

Advanced Cash Limited is a licensed payment service provider authorized by the Belize Financial Services Commission (FSC), licenses MT 000107/97, PPS 000107/98.

Cryptocurrency and illicit finances



Typology 4:

Cryptocards:



24/7 customer support
support@advcash.com

Business and partnerships
business@advcash.com

Kazakhstan
+7 727 350 54 95

Russia
+7 800 777 47 25

A – URL	https://advcash.gi https://wallet.advcash.com
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Advanced Cash Limited is a licensed payment service provider authorized by the Belize Financial Services Commission (FSC), licenses MT 000107/97, PPS 000107/98.

Cryptocurrency and illicit finances



Typology 4: [Virtual credit cards - Prepaid Visa and MasterCard \(ezzocard.com\)](https://www.ezzocard.com)

Cryptocards:

ezzocard How to pay ▾ Card Registration and Balance ▾ About VCC ▾ Discounts FAQs Contact Us

Visa and Mastercard Prepaid Credit Card Online Shop

Premium fully automated service with immediate delivery.

[Buy Card Now](#)

EZZOCARD E-STORE OVERVIEW

VISA MASTERCARD

2:07

All virtual prepaid cards support AVS (Address Verification Service) and can be registered under any name and address in USA or Canada. No verification is needed during Ezzocard card registration, neither ID nor any other documents are required. Card registration is made on our website. You can always check your current card balance or get your card statement anytime.

Payment Methods: BTC LTC DOGE BCH USDT (ETH) USDT (Tron) Perfect Money

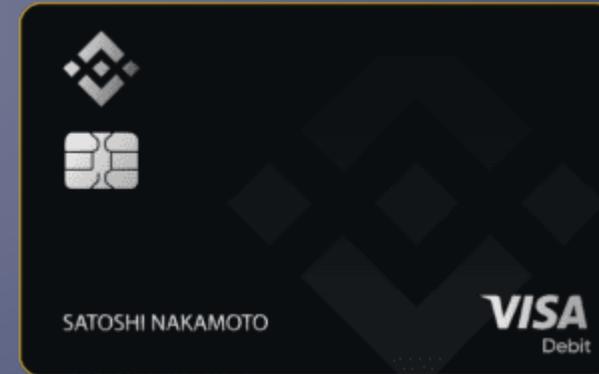
Cryptocurrency and illicit finances



Typology 4:

Binance (debit) Card

What can you do with a Binance Card?



The Binance Card is a Visa Card that you can use for payments worldwide, both online and at physical locations. This is a debit card, which means that you can only spend to the extent that your balance is sufficient. The card is released through the world's largest crypto trading platform: Binance. They have their own cryptocurrency, namely the Binance Coin (abbreviation: BNB).

Cashback:

The main advantage of the Binance Card is the cashback you get when you make payments with the card. The cashback depends on the amount of BNB (Binance's cryptocurrency) you have in your account.

Do you already have Bitcoin (BTC), Ethereum (ETH) or another crypto at Binance? Then it is also possible to pay directly from your pay-wallet. You do pay a small surcharge.



LET'S BREAK
OUT!



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations
OECD

How would you launder your dirty money, using crypto's?

Group 1 & 2: You've got 1.000.000.000,00 JPY in cash, the profits of you selling narcotics.

Group 3 & 4: You've got 1.000,000.000,00 JPY dirty money in a Swiss bank account, the results of tax crimes.



Benefits to criminals



- Accounts can't be frozen if identified



- Exchanges without KYC (know your customer)



- Limited law enforcement skillset



- Decentralised nature avoids reporting mechanisms

- Bitcoin ATM's and smurfing



Benefits to criminals



- Pseudo-anonymous nature of crypto



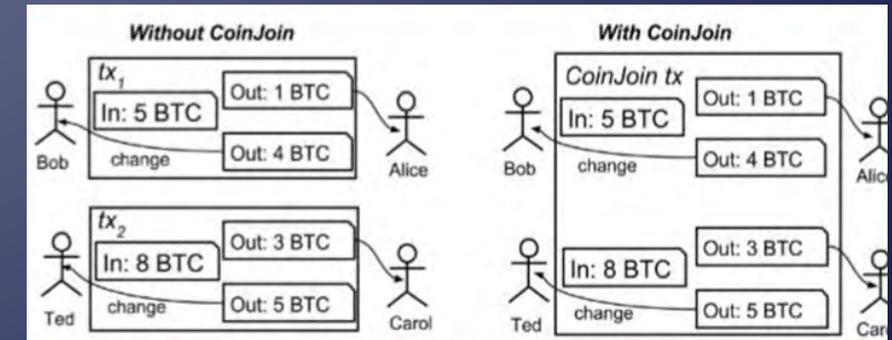
- Easy to carry and store

- Availability of additional layers of anonymity mixer/coinjoin



- Privacy coins

- Easy to move internationally



- Bitcoin traders – no central party

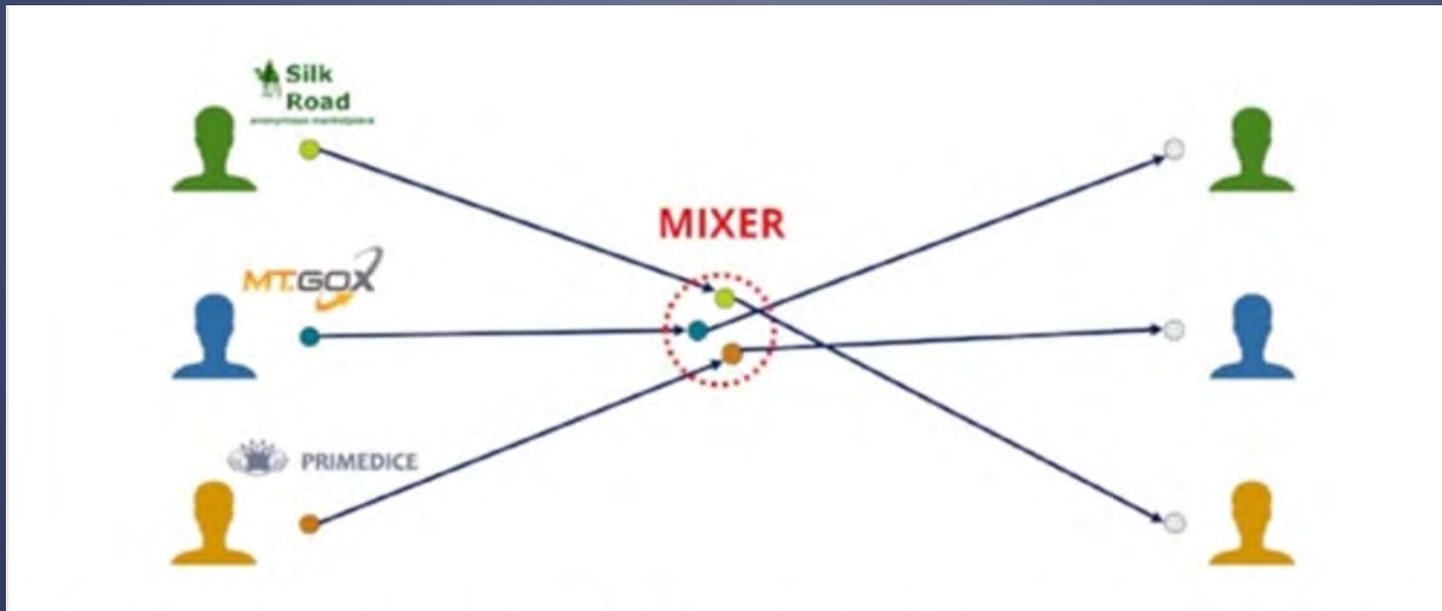


TAX EVASION

- There is certainly the potential for individuals to use cryptocurrency as a means of hiding assets to avoid paying tax. Enforcement agencies are behind the curve currently on how to tackle this issue. The IRS in the USA have taken to demanding records from exchanges to identify users. Others are still uncertain on what constitutes a taxable event and what doesn't.
- The main issue for agencies is identifying who owns cryptocurrency assets and what action they are taking with them. Protocols with a strong stance on privacy make this very difficult and savvy users could look to take advantage of this.
- The problem for users is turning assets into cryptocurrencies without leaving a trace for regulators. Recent research outlines “Large receipted sums are difficult to manage or spend anonymously , and cryptocurrencies still require infrastructure to manage and spend.” (RAND, 2019). This is corroborated by the detail above highlighting that exchanges are being pursued by enforcement agencies for user information.



Bitcoin mixing - Coinjoin



A (highly-simplified) view of what happens on a bitcoin mixer: enabling its users to break the link to the source of their bitcoins.

Used efficiently bitcoin mixing or “coinjoins” can break the audit trail and make it very difficult to attribute ownership of the assets. There is however a caveat to this, the user must know how to safeguard their privacy at each step of the process.

<https://youtu.be/aRds5RvexYg>

Bestmixer vs money laundering



BESTMIXER

Introduction ▾ Fees FAQ Resources ▾ Contacts

BESTMIXER.MX - TOP RATED SECURE BITCOIN MIXER

MIX YOUR BITCOINS TO STAY SAFE AND PROTECTED

Select the asset and start coin mixing

 Bitcoin

 Litecoin

 Bitcoin Cash

 NEW! Ethereum

...or watch the tutorial video on [YouTube](#) how to use a bitcoin mixer

Cryptocurrency and illicit finances

Who is or what is LAZARUS?

A **cybercrime** group made up of an unknown number of individuals run by the government of **North Korea**.

Why do they do what they do?

Funding North Korea's **nuclear weapons**.

How do they do what they do?



**WANTED
BY THE FBI**

JON CHANG HYOK

Conspiracy to Commit Wire Fraud and Bank Fraud; Conspiracy to Commit Computer-Related Fraud (Computer Intrusion)



DESCRIPTION

Aliases: Quan jiang, Alex jiang

Place of Birth: Democratic People's Republic of Korea (North Korea) **Hair:** Black

Eyes: Brown

Sex: Male

Race: Asian

Languages: English, Korean, Mandarin Chinese

REMARKS

Jon is a North Korean citizen last known to be in North Korea. Jon has traveled to China in the past and has reported a date of birth in 1989.

CAUTION

Jon Chang Hyok is allegedly a state-sponsored North Korean hacker who is part of an alleged criminal conspiracy responsible for some of the costliest computer intrusions in history. These intrusions caused damage to computer systems of, and stole currency and virtual currency from, numerous victims.

Jon was alleged to be a participant in a wide-ranging criminal conspiracy undertaken by a group of hackers of the North Korean government's Reconnaissance General Bureau (RGB). The conspiracy comprised North Korean hacking groups that some private cybersecurity researchers have labeled the "Lazarus Group" and Advanced Persistent Threat 38 (APT38). For his part in the conspiracy, Jon is alleged to have been directly involved in the development and dissemination of malicious cryptocurrency applications targeting numerous cryptocurrency exchanges and other companies. On December 8, 2020, a federal arrest warrant was issued for Jon in the United States District Court, Central District of California, after he was charged with one count of conspiracy to commit wire fraud and bank fraud, and one count of conspiracy to commit computer fraud (computer intrusions).

If you have any information concerning this person, please contact your local FBI office or the nearest American Embassy or Consulate.

Field Office: Los Angeles

Cryptocurrency and illicit finances

MODUS OPERANDI OF LAZARUS?

1) The hackers infiltrated the Ronin Network.

Ronin is an EVM blockchain crafted for developers building games with player-owned economies (Ethereum Virtual Machine).

Validators, to approve transactions on the blockchain, are centralized in the Ronin Network.

2) The hackers shift the cryptocurrencies.

Several hours later, the hackers opened dozens anonymous accounts on Binance, the world's largest cryptocurrency exchange, enabling them to convert the stolen funds and obscure the money trail using coinmixers.



BINANCE





CRYPTOCURRENCY, ESPIONAGE AND CORRUPTION



Chinese espionage

[+ Add to myFT](#)

Chinese spies recruited European politician in operation to divide west

Frank Creyelman, a former Belgian senator © FT montage/Dirk Vertommen



BINANCE

Chinese spies ran a far-right Belgian politician as an intelligence asset for more than three years in a case that shows how Beijing has conducted influence operations in an effort to shape politics in its favour.

Daniel Woo, an officer in China's Ministry of State Security spy agency, pushed Frank Creyelman, a former [Belgian](#) senator, to influence discussions in Europe on issues ranging from China's crackdown on democracy in Hong Kong to its persecution of Uyghurs in Xinjiang.

Woo discussed money several times in the exchanges, including amounts he would pay Creyelman or others for their help. At one point, Woo taught Creyelman how to use an app to transfer cryptocurrency.

March 10, 2022

Daniel Woo
I now use crypto currency to transfer the support.

Frank Creyelman
How do you do crypto? I am old school guy? 🤔

Daniel Woo
Binance

Frank Creyelman
OK

...

Daniel Woo
next week I will transfer to you some for a test

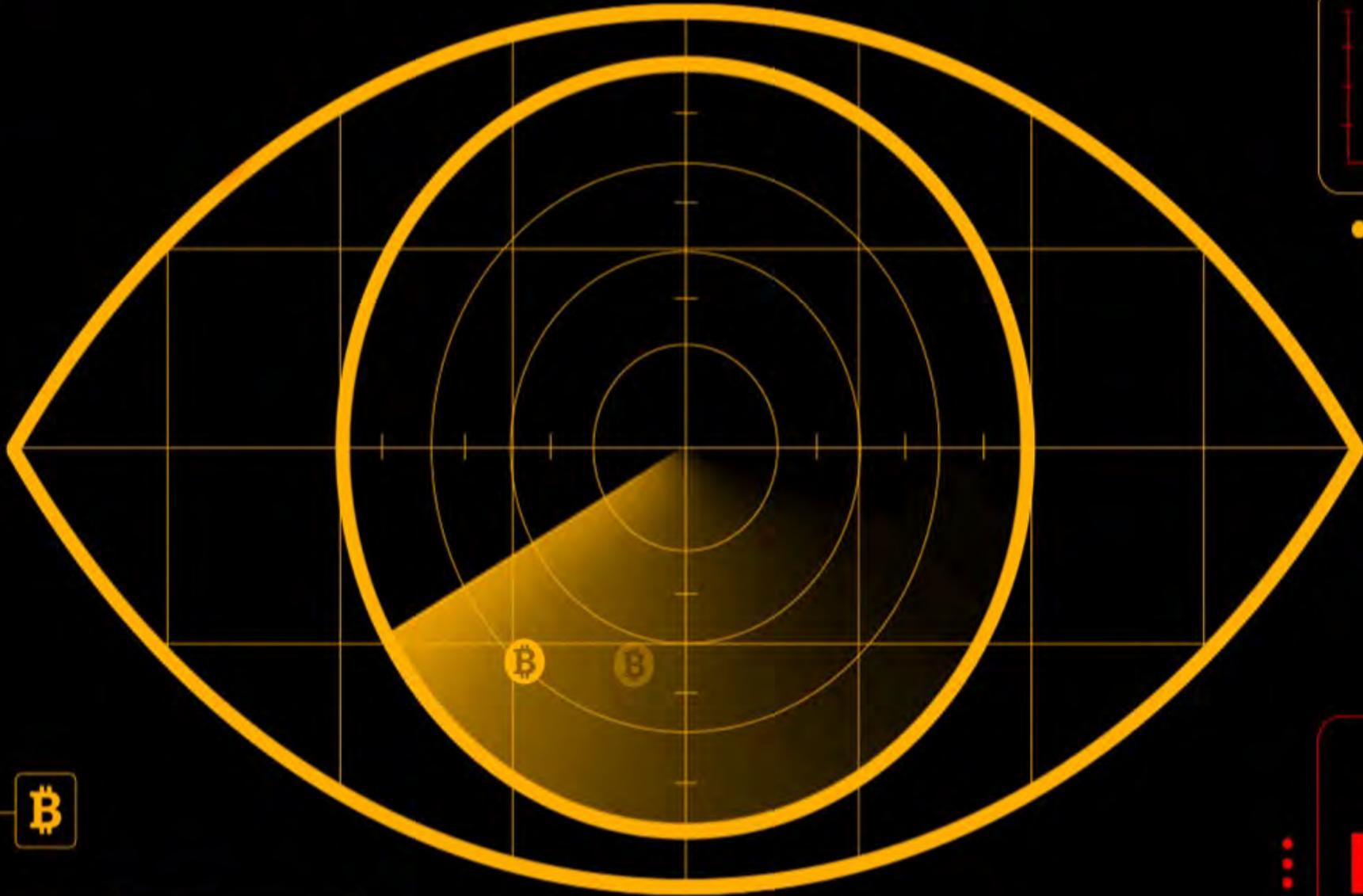
Frank Creyelman
✓

Daniel Woo
you would like it that way

Daniel Woo
convenient and safe

Frank Creyelman
It is. Special. Never did it but its the future

FORENSIC TOOLS



Appendix to the company's annual accounts.

BUSJE KOMT ZO BV 2018-2019

Geleend van Privé - Bruikleenovereenkomsten Historiek

Datum	Aantal	Transactie
12/05/2019	100 BTC	14646ae65d7726a50a91a6751d9a34dd8a3225c72a34e7b10ec6e57acda4d564
04/06/2019	100 BTC	762fd72b5f1a282720895bab3e8359d3d5a059fc09847344e0a01406ed987bac
10/11/2019	200 BTC	2eb9190efb807952a1a18d81bb859261e18bf50506b172de30de47a1922b9b96

From [3KJtJ-8SPde](#)
To [2 Outputs](#)

Confirmed

This transaction has 231,636 Confirmations. It was mined in Block 603,144

This transaction paid ~40% more in fees due to inefficiencies associated with older wallets.

[Learn More](#)

Hash	2eb9-9b96 e
Position	320
Age	4y 4m 5d 20h 14m 57s
Input Value	499,99962880 BTC \$33,815,069
Fee	0.00004368 BTC \$2.95
Fee/VB	26.313 sat/vByte
Weight	661
Coinbase	No
RBF	No
Version	1

Block ID	603,144
Time	10 Nov 2019 02:39:38
Inputs	1
Outputs	2
Output Value	499,99958512 BTC \$33,815,066
Fee/B	17.684 sat/B
Size	247 Bytes
Weight Unit	6.608 sat/WU
Witness	Yes
Locktime	0
BTC Price	\$67,630.19

Overview JSON

From

1 [3KJtJqg2HyaCLwWBmpgdY78nP9hsWcSPde](#)
499,99962880 BTC • \$33,815,069

To

1 [J6AcDglLUEuMmX8ZLWqC1dsRNB1D5Yzxda8](#)
200,00000000 BTC • \$13,526,038

2 [35mMyJ3xVRPbqM3WPSWwrtY8FN9KEjbsa](#)
299,99958512 BTC • \$20,289,028

From

1 [39zHAMNNwiHJAKoCDRyCLudQj6iZxMIMo](#)
175,76794825 BTC • \$11,863,542

To

1 [3PX8wqxYDeQbXahSAn8AqSeMedw6AJSSzF](#)
100,00000000 BTC • \$6,749,548

2 [3MLeHKKA9ZPzDkxb6JGyijNXh8LiB6dEArg](#)
75,76748221 BTC • \$5,113,962

From

1 [3PaC6dE84Wv7D1GeXivf7QLnXMYqM5qjtn](#)
13,31112140 BTC • \$899,348

2 [3DRQJ5WA6sp8RkAjkxVMETWuqT6WkYJ4gF](#)
181,26362299 BTC • \$12,246,833

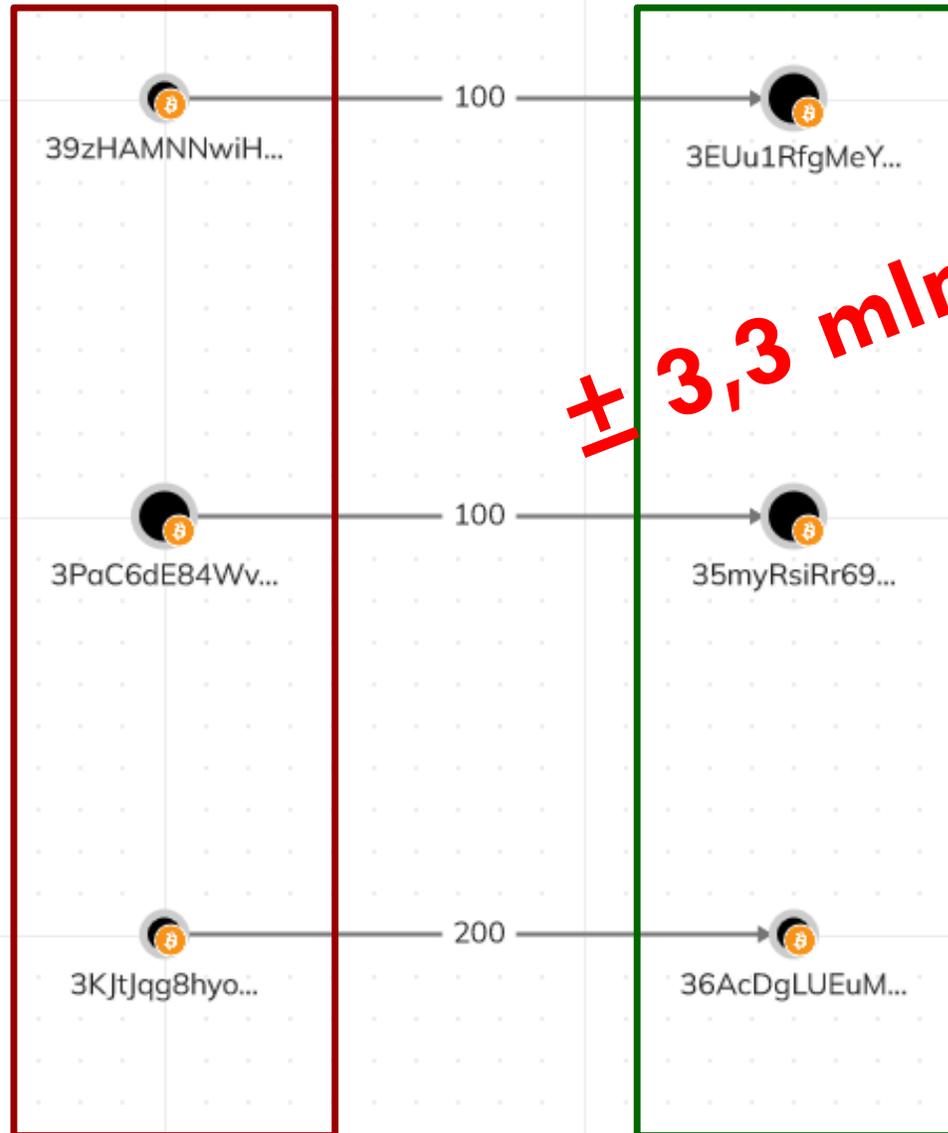
To

1 [3B4S6JNhgZxLP2JDPgR1zn4yywWRnBgtLu](#)
100,00000000 BTC • \$6,756,366

2 [3QeH8RpLcihWFT87qH2Bdmvy6LYxA8mJM?](#)
94,57441439 BTC • \$6,389,793

PRIVATE WALLETS

COMPANY WALLETS

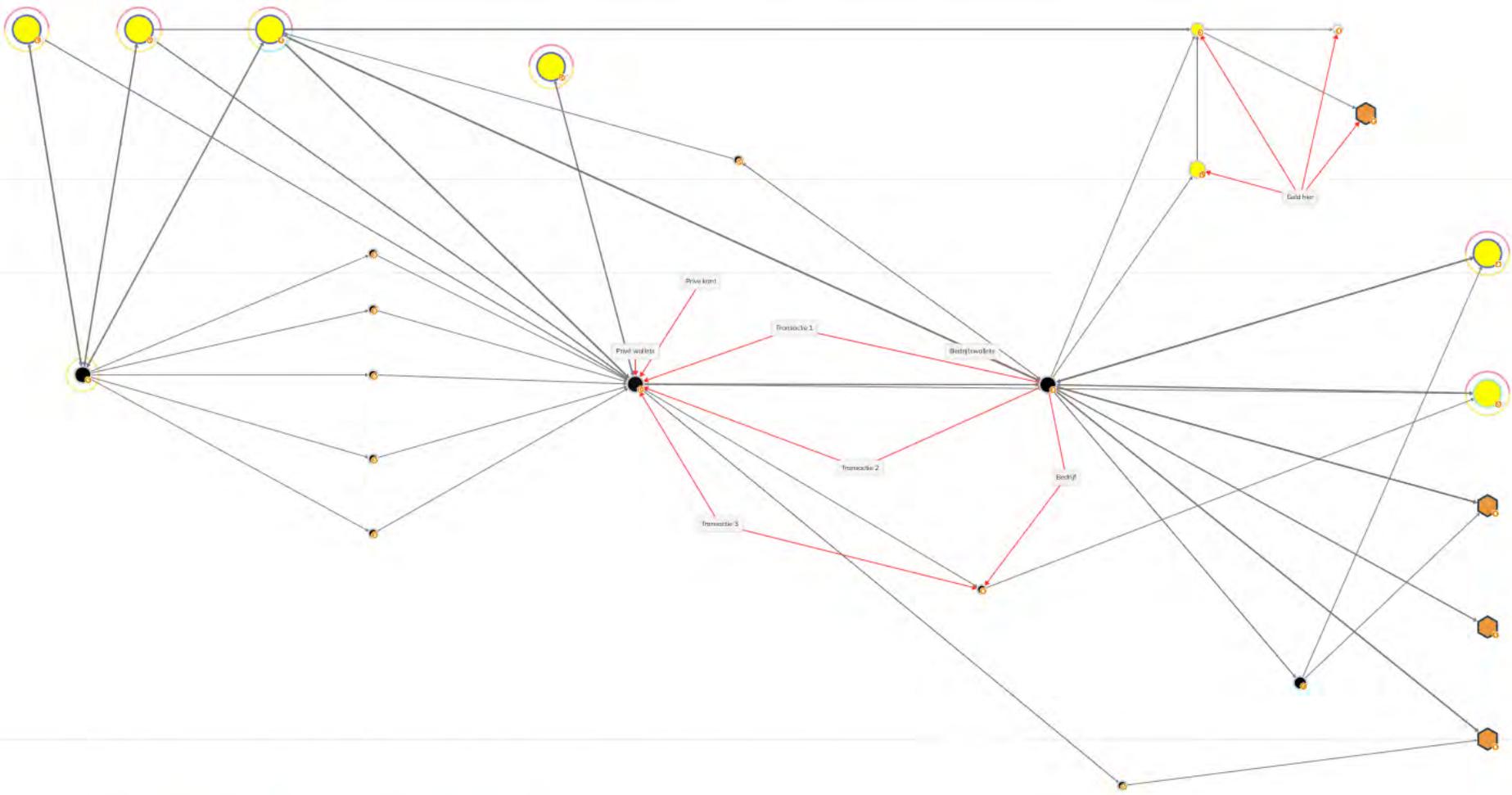


± 3,3 mln \$

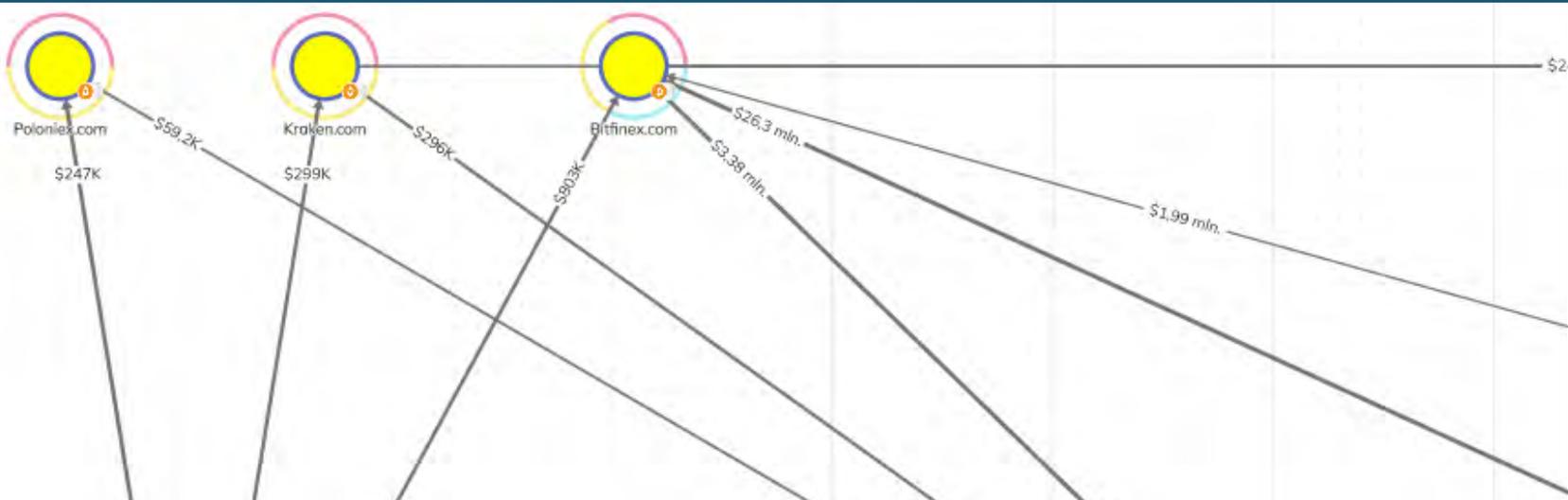
Search flow

Start Kurt Onderzoek ...

BTC



Navigation icons: Home, Search, Back, Forward, Refresh, and Scroll.



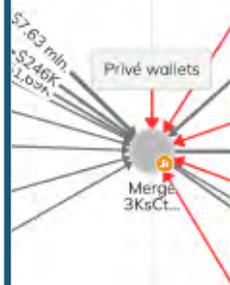
- Merge 13E1N... → \$269.188 → 18H
First activity: 28-07-2017 07:09
Last activity: 28-07-2017 07:09
- Merge 13E1N... → \$269.188 → 1i
First activity: 28-07-2017 07:09
Last activity: 28-07-2017 07:09
- Merge 13E1N... → \$269.188 → 1M
First activity: 28-07-2017 07:09
Last activity: 28-07-2017 07:09
- Merge 13E1N... → \$269.188 → 1K
First activity: 28-07-2017 07:09
Last activity: 28-07-2017 07:09
- Merge 13E1N... → \$269.188 → 10
First activity: 28-07-2017 07:09
Last activity: 28-07-2017 07:09

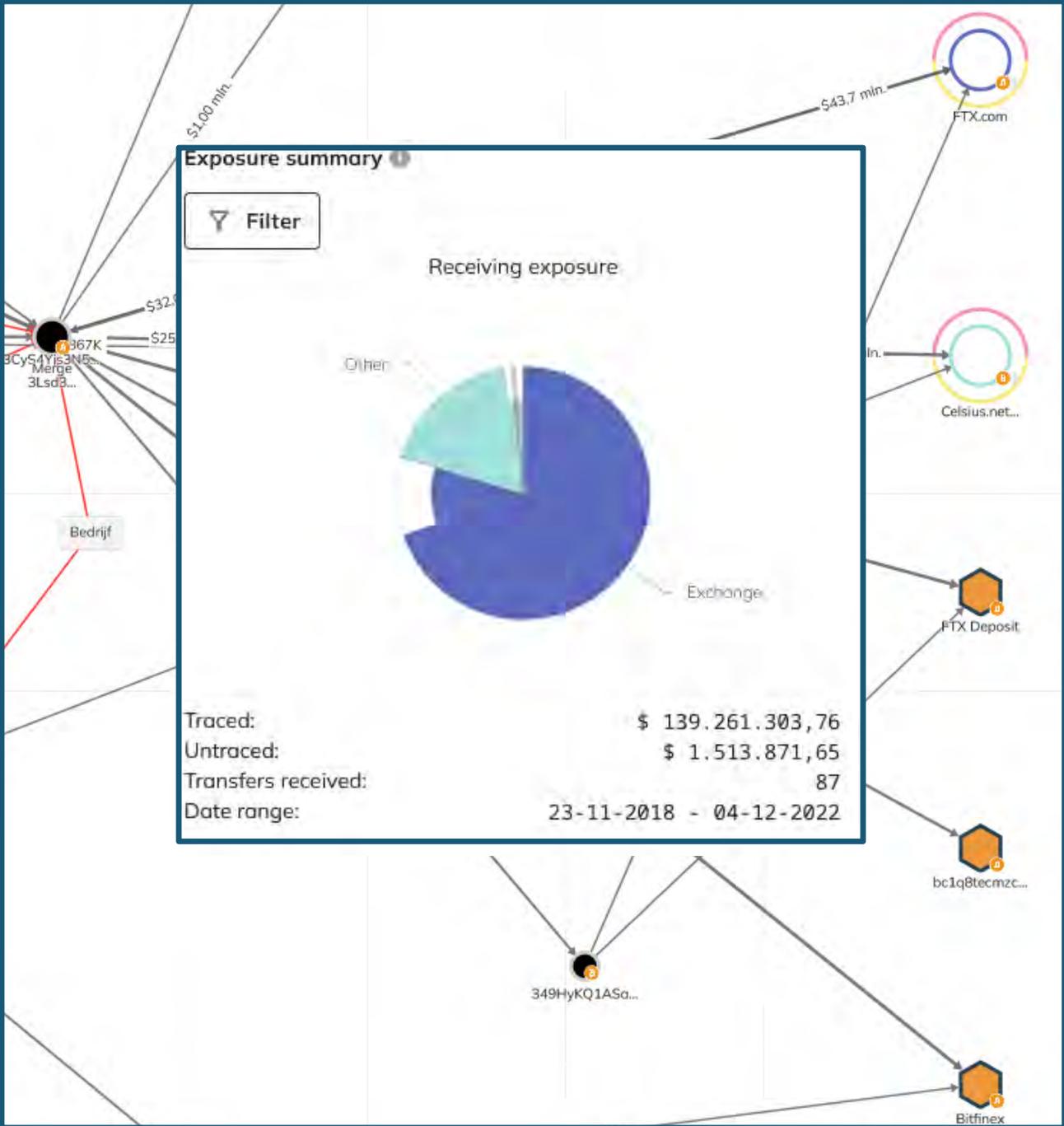
Exposure summary

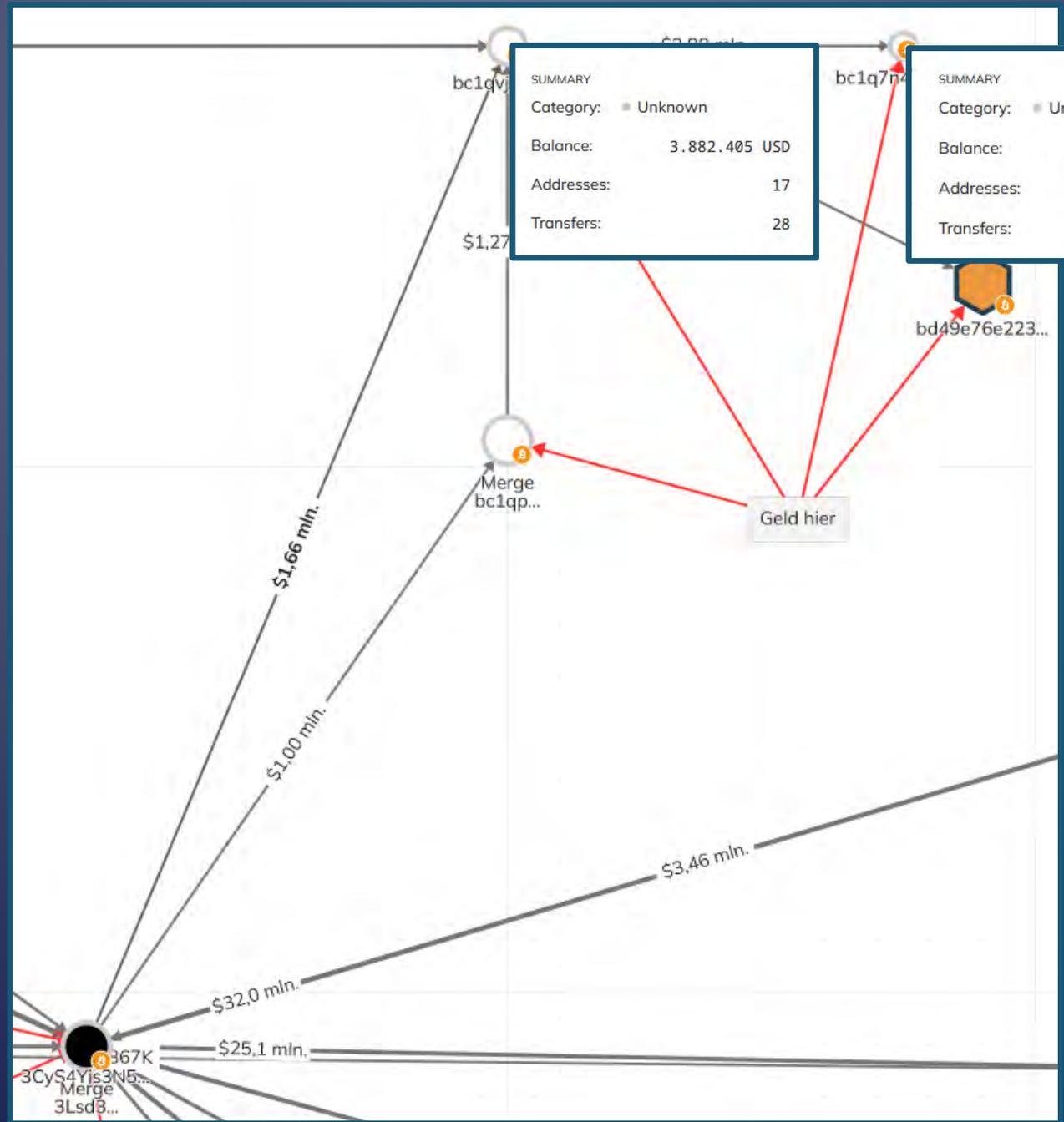
Filter

Receiving exposure

Traced: \$ 12.372.316,37
 Untraced: \$ 0,00
 Transfers received: 83
 Date range: 31-08-2017 - 04-04-2020



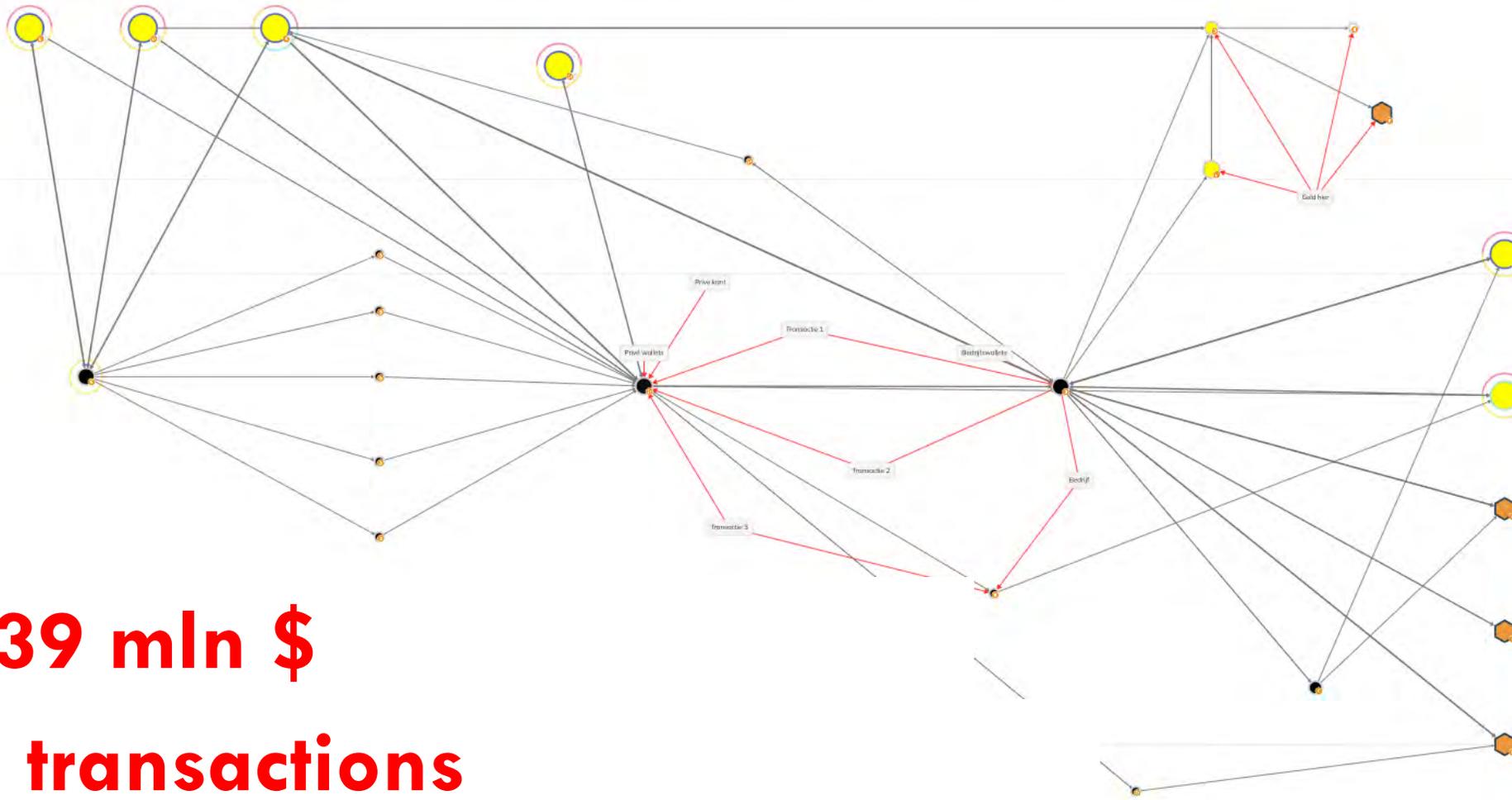




Search flow

Start Kurt Onderzoek ...

BTC



± 139 mln \$

503 transactions



March 10, 2022

Daniel Woo

I now use crypto currency to transfer the support.

Frank Creyelman

How do you do crypto? I am old school guy? 🤔

Daniel Woo

Binance

Frank Creyelman

OK

...

Daniel Woo

next week I will transfer to you some for a test

Frank Creyelman



Daniel Woo

you would like it that way

Daniel Woo

convenient and safe

Frank Creyelman

It is. Special. Never did it but its the future

CONTACTED BY LAWERS

- 30-11-2023
- MISTER MISTERY
- CASE IN GIFT WRAPPING.
- 30 MIO € (REALIZED) CAPITAL GAINS
- INCOME TAX
- 10 MIO € TAXES



OBTAINED INTEL

HODL
Bitcoin



Complychain

Your Crypto, Your Money

Crypto Tax Report

2012-2022

NOVEMBER 2023

PER E-MAIL: kurt.caestecker@minfin.fed.be

BETREFT : REGULARISATIE VAN INKOMSTEN UIT CRYPTOMUNTEN

Geachte heer Caestecker,

Wij verwijzen naar uw bericht dd. 16 oktober 2023.

Graag zouden wij u onderhavig dossier willen voorleggen, waarbij cliënt sinds 2012 heeft geïnvesteerd in cryptomunten en in verschillende jaren inkomsten heeft verkregen middels deze investeringen.

Cliënt consulteerde ons voor begeleiding bij de spontane fiscale rechtzetting van de meerwaarden en passieve inkomsten die hij heeft behaald ingevolge cryptobeleggingen.

Daarnaast liet cliënt zich gezien de complexiteit van de materie ondersteunen door een professioneel onderneming ComplyChain (<https://www.complychain.eu/>) die gespecialiseerd is de analyse van cryptotransacties (Bijlage 1 – Rapport Complychain).

In deze nota lichten wij u op gemotiveerde wijze toe hoe de inkomsten zijn verworven.

TAX LAWYERS

CONFIDENT

4. Vermogenssituatie ten tijde van de investering

18. De netto investering van 10.871,00 EUR vertegenwoordigde minder dan 20% (cfr. criterium gehanteerd door de rulingcommissie in kader van het normaal beheer) van het roerend vermogen van cliënt (d.w.z. zijn beschikbare middelen).

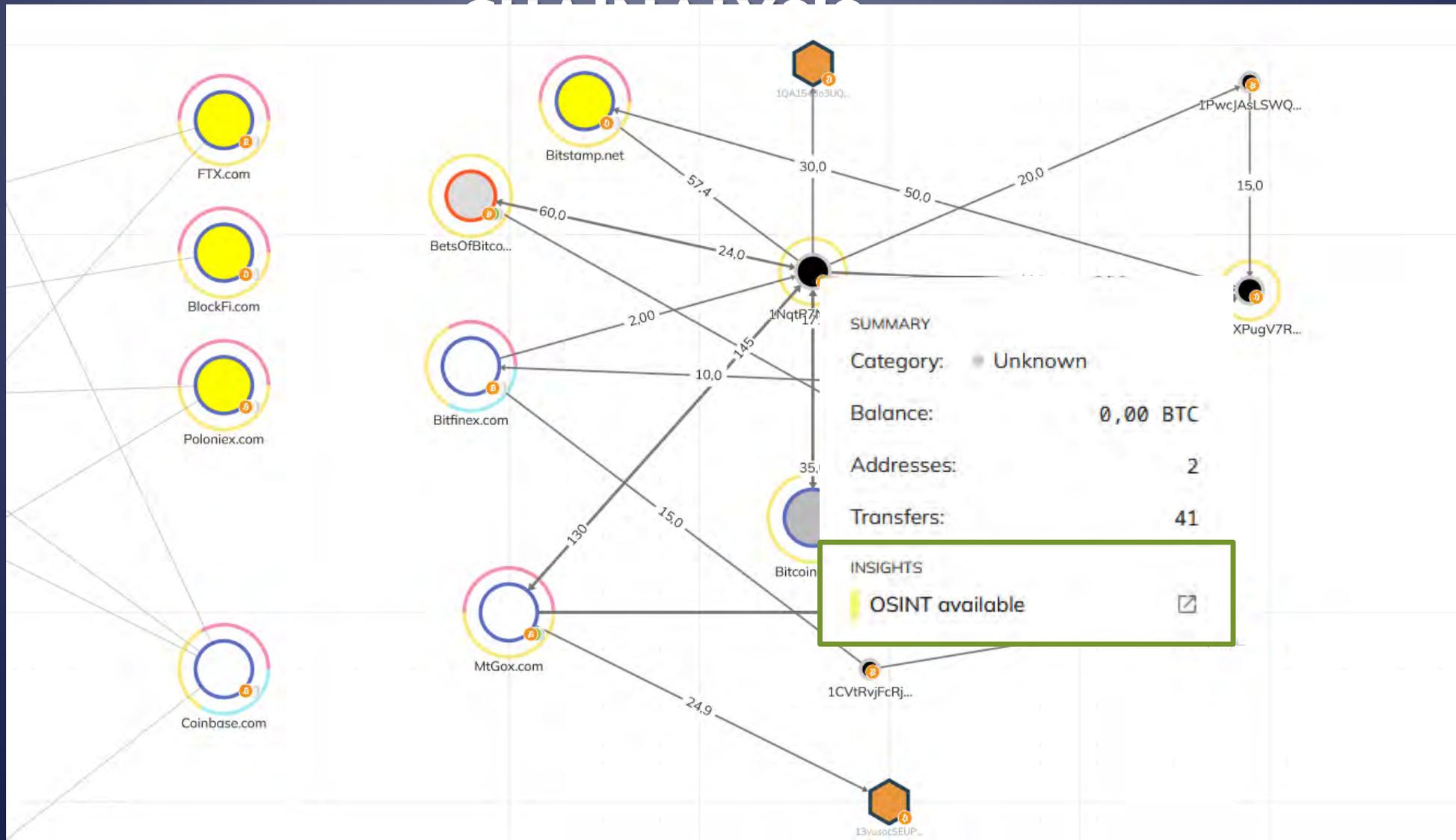
III. Besluit

56. Om te concluderen, licht cliënt hieronder de inkomsten toe die hij wenst te regulariseren.

Diverse inkomsten (31%)	
Meerwaarde	29.791.753,45 EUR

Roerende inkomsten	
Staking rewards 2013, 2014 en 2015 (25%)	13.319,67 EUR
Staking rewards 2016 (27%)	3.966,55 EUR
Staking rewards 2017, 2018, 2019, 2020, 2021 en 2022 (30%)	2.116.673,48 EUR

> 800.000 transactions!



CHAINALYSIS



1NqtP7N...bUetXFg ⓘ

Unknown

BTC

Summary

Cluster ID ⓘ	Balance	0,00 BTC	Transfers ⓘ	41
1NqtP7Nia3J9BPihB5 [REDACTED]...	Sent	451,4811 BTC	Withdrawals	19
Activity	Received	451,4868 BTC	Deposits	22
6 nov. 2012 - 24 aug. 2015	Total fees	0,005668 BTC	Addresses	2

Overview Counterparties Transfers Addresses OSINT

Source ▾	Date ▾	Subject ▾
MtGox Withdrawal	09-07-2013	From: [REDACTED] (@)
MtGox Withdrawal	14-01-2013	From: [REDACTED] (@)
MtGox Withdrawal	07-07-2013	From: [REDACTED] (@)
MtGox Withdrawal	06-11-2012	From: [REDACTED] (@)

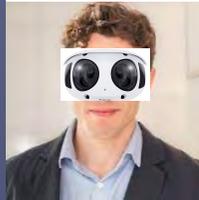
MISTER MISTERY



ACADEMIC BIBLIOGRAPHY

Search 200 years of publications by Ghent University researchers.

[Authors](#) > dr. [REDACTED]



dr. [REDACTED]

1 – 10 of 15 publications

Show

10 ▾

Sort by

year (new to old) ▾

Actions ▾

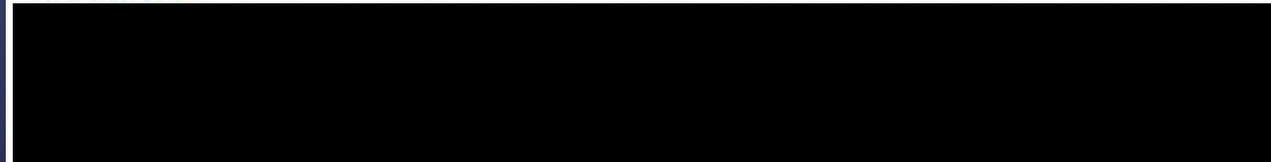
Journal Article

A1

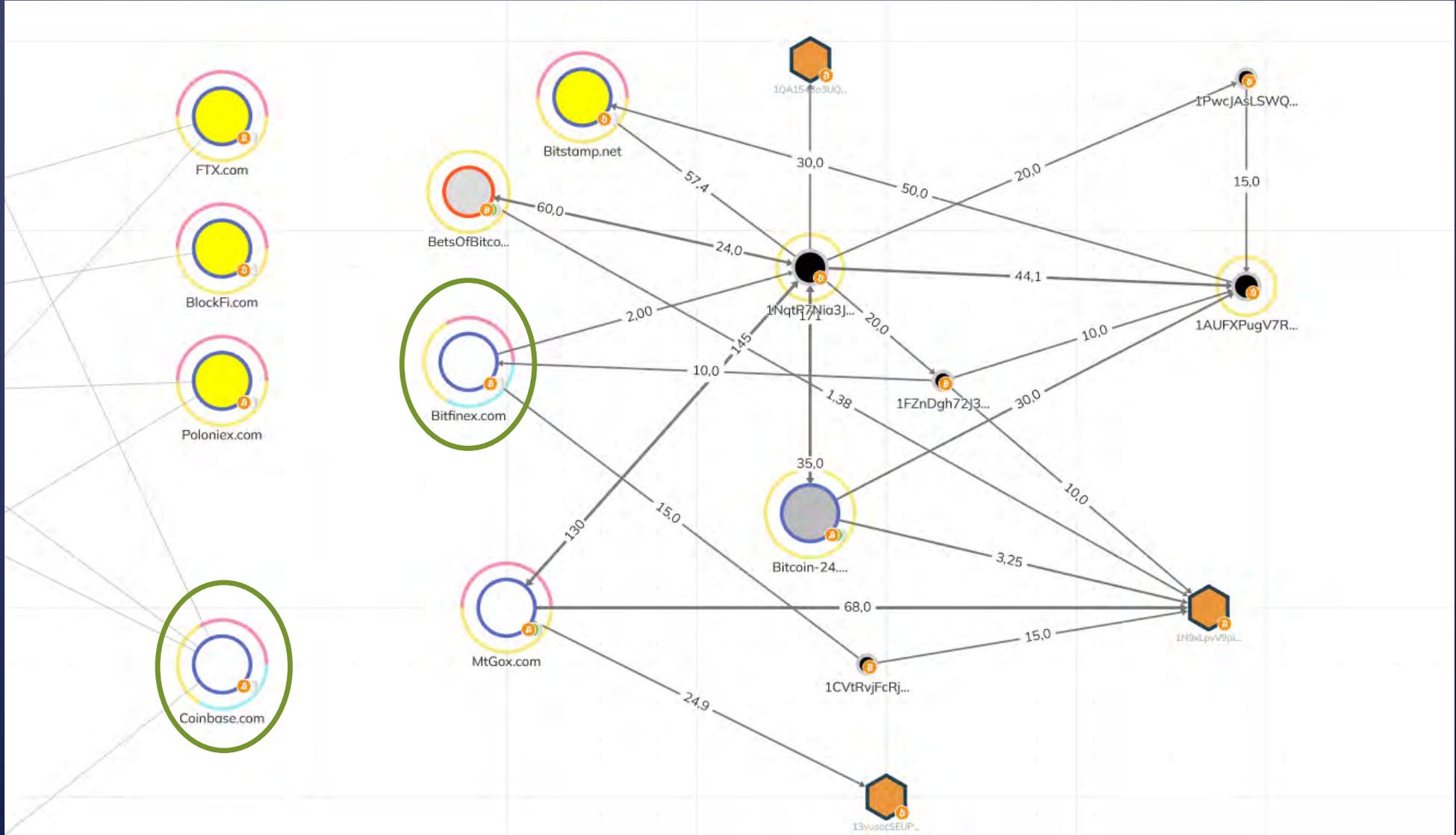
 open access

Add to list ▾

ROR gamma t inhibition ameliorates IL-23 driven experimental psoriatic arthritis by predominantly modulating gamma delta-T cells



CHAIN ANALYSIS



PROBLEM AREAS

1. **Completeness of the data**

2. **Correctness of the data**

3. **How do we treat these capital gains?**



PRUDENT PERSON RULE



EXEMPTED

MISCELLANEOUS INCOME



33% INCOME TAX

PROFESSIONAL INCOME



50% INCOME TAX



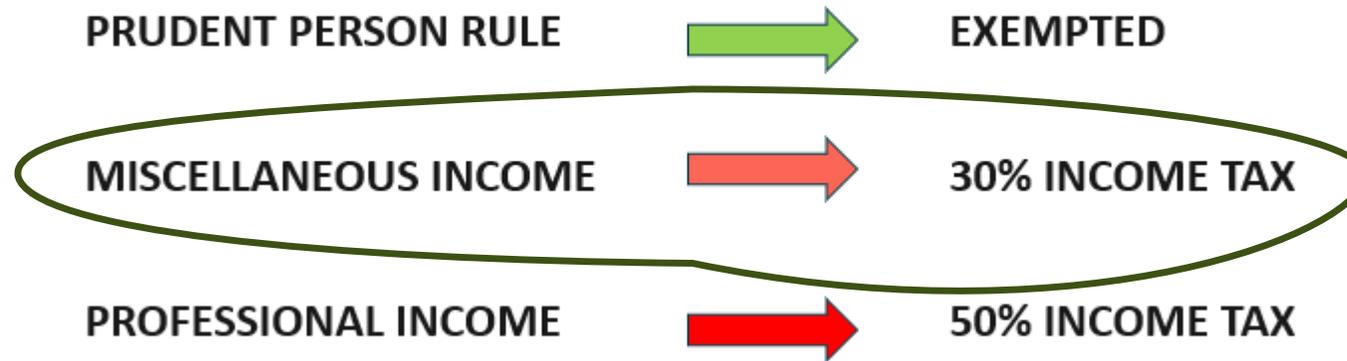
E. VOLLEDIGHEID VAN DE DATA (USDC)

8. Cliënt benadrukt te houden. Er werd echter een totaalbedrag van 400,052 USDC gestuurd naar deze Exchangers voor de investering in aandelen van 3 biotech startups in onderstaand overzicht (Page 2 – Biotech Startups). Deze aandelen zijn tot op heden niet opgenomen in de rapportage.

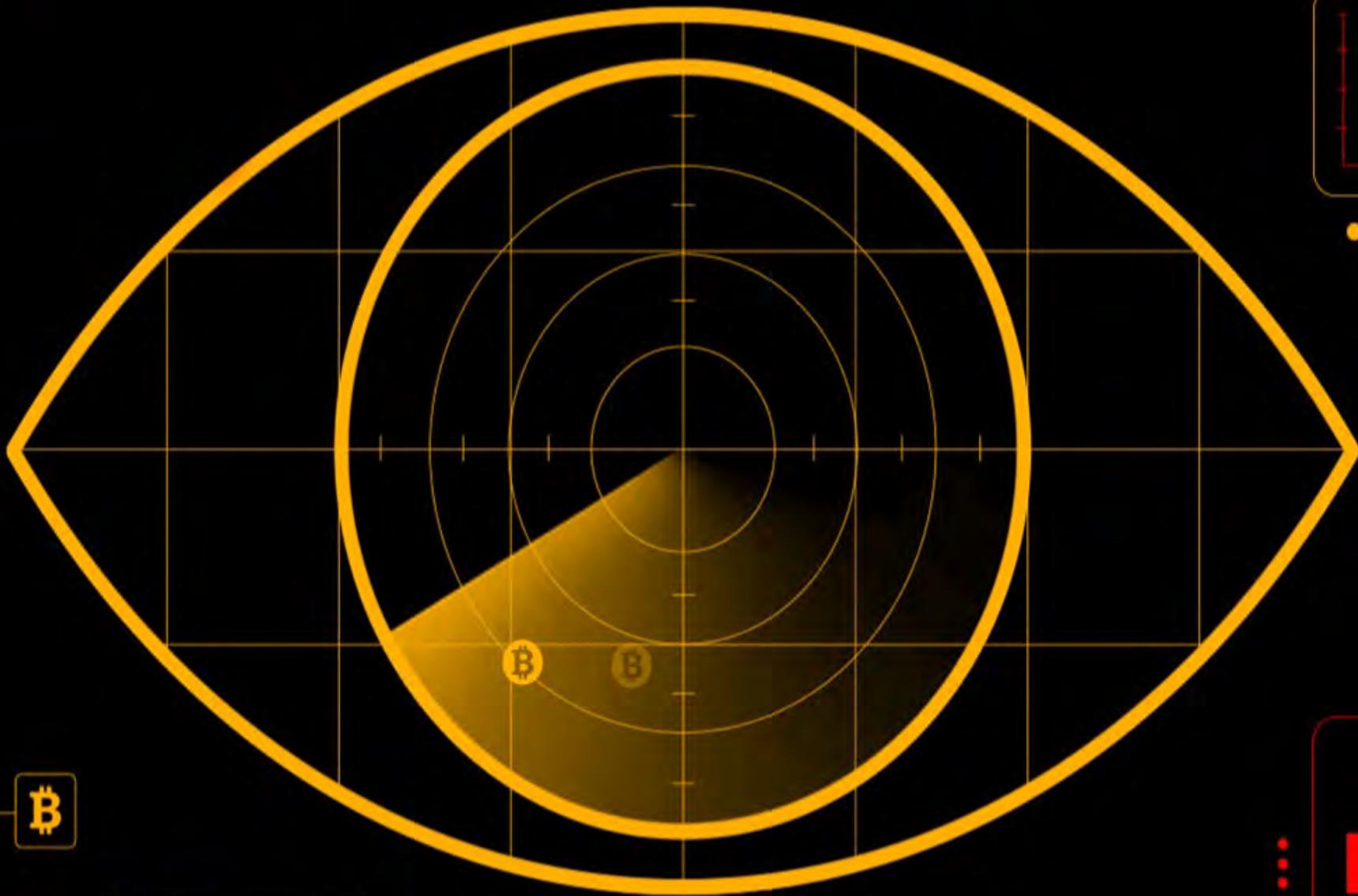
E. Completeness of the data (USDC)

8. Client emphasizes not to have accounts with Coinbase or Binance. However, a total amount of 400,052 USDC was sent to these Exchangers for the investment in shares of 3 biotech startups...

3. How do we treat these capital gains?

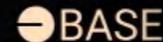
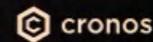
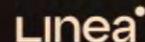
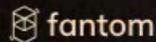


PAID TAXES: 14.000.000,00 €



Crypto Tracking and Investigation Platform

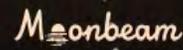
 Ethereum  Please input an address, ENS name, or tx hash , and press Enter to analyze 



<https://metasleuth.io/>

Crypto Tracking and Investigation Platform

 Bitcoin







🔍 Enter token symbol, keyword, address, or tx hash (0x...)

SEARCH IN BLOXY

<https://bloxy.info/>

LET'S BREAK
OUT!



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations



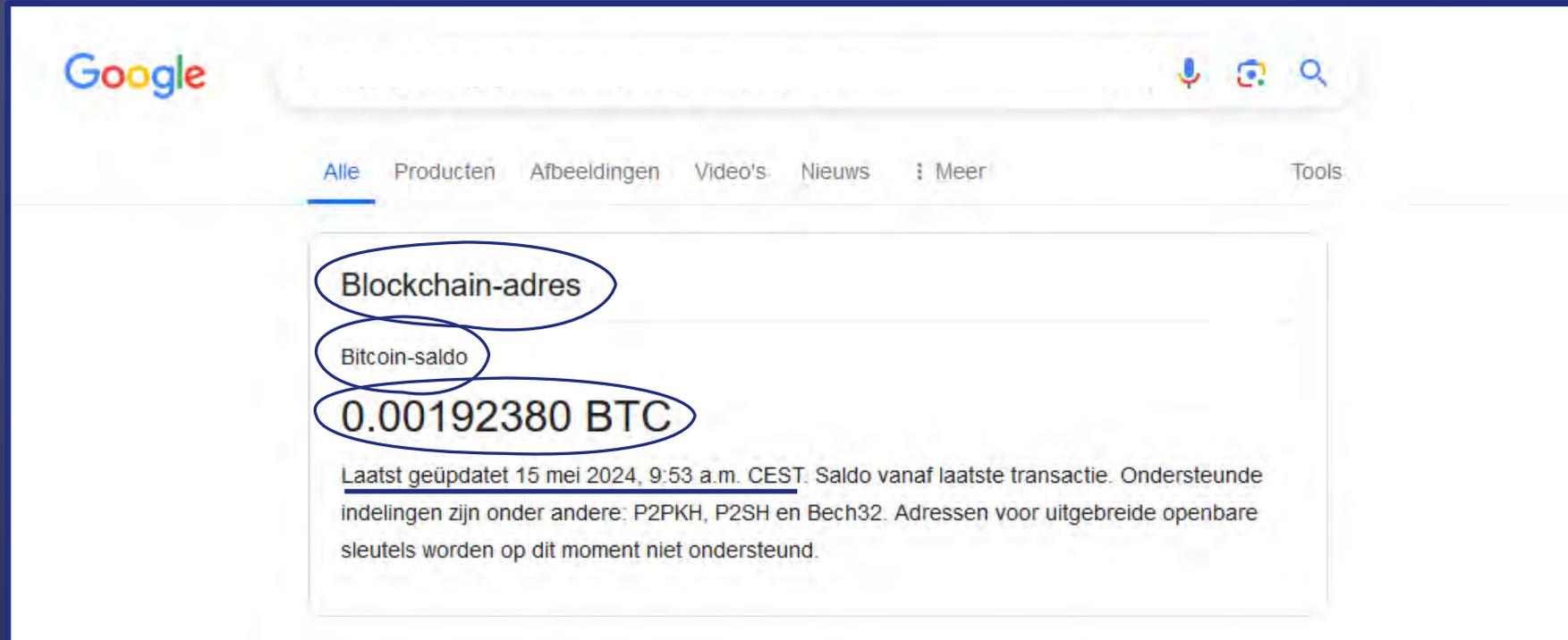
Try to figure out what is going on!

Group 1 & 2: 12e77269f92ce650e5278fe45fddd203358e7e5b9d156a51d79348db77e340f9

Group 3 & 4: bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5



bc1qv5vvk3v3fjny629nsl65qhhvscshwc2av05n5



The image shows a Google search result for the Bitcoin address 'bc1qv5vvk3v3fjny629nsl65qhhvscshwc2av05n5'. The search bar contains the address. Below the search bar, the results are displayed under the 'Alle' tab. The first result is 'Blockchain-adres', which is circled in blue. Below it is 'Bitcoin-saldo', also circled in blue. The balance is shown as '0.00192380 BTC', which is circled in blue. Below the balance, there is a note: 'Laatst geüpdatet 15 mei 2024, 9:53 a.m. CEST. Saldo vanaf laatste transactie. Ondersteunde indelingen zijn onder andere: P2PKH, P2SH en Bech32. Adressen voor uitgebreide openbare sleutels worden op dit moment niet ondersteund.'

OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



bc1qv5vvk3v3fjny629nsl65qhhvxcshwc2av05n5

bc1qv5vvk3v3fjny629nsl65qhhvxcshwc2av05n5



1000x BTC BONUS 🎁

Play Slots & Win! 🎰

Win 8.88 BTC 🎰



bc1qv-v05n5

USD

Bech32 (P2WPKH)



Bitcoin Address

bc1qv5vvk3v3fjny629nsl65qhhvxcshwc2av05n5

Bitcoin Balance

0.00192380 • \$127.76

Summary

This address has transacted 2 times on the Bitcoin blockchain. It has received a total of 0.00192380 BTC \$127.76 and has sent a total of 0.00000000 BTC \$0.00. The current value of this address is 0.00192380 BTC \$127.76.

Total Received

0.00192380 BTC
\$127.76

Transactions

2

Total Sent

0.00000000 BTC
\$0.00

Total Volume

0.0019238 BTC
\$127.76



ID: 12e7-40f9
5/15/2024, 09:52:09

From 335u-eNTJ
To 22 Outputs

0.00181315 BTC • \$120.41
Fee 12.6K Sats • \$8.39

From

1 335umQ4egqMjDo6wSXYwQZYPntZzMveNTJ
114.00000000 BTC • \$7,570,875

To

- 1 bc1qws3egjf6506376g5kty0zwwq4js9xqj7aderxzy
10.00000000 BTC • \$664,111
- 2 bc1qxs05tutr04djcptrz2azvc4qder90acxr733uw
10.00000000 BTC • \$664,111
- 3 3D79Gn2BAzxbyea4xGMGHkyRxs2WARFQBm
0.00021242 BTC • \$14.11
- 4 bc1q3zjqknic7jqesw5gl2t5hcpjf7khknvz3d9lm5
10.00000000 BTC • \$664,111
- 5 bc1qtvrxhs7qjs7w398yysq3lhc3fx39wy3vlguh44
0.00610759 BTC • \$405.61
- 6 bc1qzk4waq56xvu7mxr8fzyglxy7vww8nzk5qr9983
10.00000000 BTC • \$664,111
- 7 16PXXJ8dA3WBiiEZGYTmijj1spzU7gcrNR
0.00161018 BTC • \$106.93
- 8 bc1qyzu5zrqexsl02z6wwqqwqa9rtcr2shhf40xvsc
0.00056977 BTC • \$37.84
- 9 bc1qf52k89w9canlcd8kridvevd4ekfuqai7ls2daw
0.00239870 BTC • \$159.30
- 10 bc1qy03sck7tqqk723ws7r0g5vlrqkcl9vkte5ucc
0.00093379 BTC • \$62.01

[Load 12 More](#)



ID: fca2-1621
11/02/2021, 10:49:09

From bc1q-4sp3
To 2 Outputs

0.00011065 BTC • \$7.35
Fee 735 Sats • \$0.49

From

1 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01131373 BTC • \$751.36

To

- 1 bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5
0.00011065 BTC • \$7.35
- 2 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01119573 BTC • \$743.52

- 5 [bc1qtvrXns/qjs/w3Y8yysq3Inc3rtx3Ywy3vlgun44](#) 0.00610759 BTC • \$405.61
- 6 [bc1qzk4wag56xvu7mxr8fzyglxy7vww8nzk5qr99B3](#) 10.00000000 BTC • \$664,111
- 7 [16PXXJ8dA3WBliEZGYTmjyjlspzU7gcrNR](#) 0.00161018 BTC • \$106.93
- 8 [bc1qyzu5zrqexsl02z6wwqqwqa9rtcr2shhf40xvsc](#) 0.00056977 BTC • \$37.84
- 9 [bc1qf52k89w9cqnld8kridveyd4ekfuqqj7ls2dqw](#) 0.00239870 BTC • \$159.30
- 10 [bc1qy03sck7tqqk723ws7r0q5virqkcl9vktc5ucc](#) 0.00093379 BTC • \$62.01
- 11 [bc1qceqnfvyucfh2ifs4x364d24s7hgdcu6n4h4zfa](#) 10.00000000 BTC • \$664,111
- 12 [1F4wu6vXpGeRD9cpLssXSKq555H9b34hCR](#) 0.00378109 BTC • \$251.11
- 13 [bc1qg6xrnf3dpy02jwg7n6ljr55k89tpswc3e00rv](#) 0.01265364 BTC • \$840.34
- 14 [bc1qaulx7kyuas3th3g7wyx6h5mjjiimeqhz8t74wmf](#) 0.00337969 BTC • \$224.45
- 15 [bc1qc9k6wfe3c3t2nysqe80catxr0cndhdm223jmqp](#) 10.00000000 BTC • \$664,111
- 16 [3PQstJuScWBqP1QAaxbCTpuzrYkG73dZi4](#) 29.92000000 BTC • \$1,987,022
- 17 [bc1qp2nz3rhzsxj0gwh0cxpsw3rsyyhvy9jxa4l2th](#) 4.04434895 BTC • \$268,590
- 18 [37aqLxdzvBzvvfz5yaQ94JSBh68XbuggAH](#) 0.00160958 BTC • \$106.89
- 19 [bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5](#) 0.00181315 BTC • \$120.41
- 20 [bc1qe59xn08ypg8u044vma6p4fktystyc0em5vj4lv](#) 0.00045518 BTC • \$30.23



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations





ID: 12e7-40f9
5/15/2024, 09:52:09

From 335u-eNTJ
To 22 Outputs

0.00181315 BTC • \$120.41
Fee 12.6K Sats • \$8.39

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114.00000000 BTC • \$7,570,875

To

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10.00000000 BTC • \$664,111
- 2 bc1qxs05tutr04djcptrz2azvc4qder90acxr733uw
10.00000000 BTC • \$664,111
- 3 3D79Gn2BAzxbyea4xGMGHkyRxs2WARFQBm
0.00021242 BTC • \$14.11
- 4 bc1q3zjqknic7jqesw5gl2t5hcpjf7khknvz3d9lm5
10.00000000 BTC • \$664,111
- 5 bc1qtvrxhs7qjs7w398yysq3lhc3fx39wy3vlguh44
0.00610759 BTC • \$405.61
- 6 bc1qzk4waq56xvu7mxr8fzyglxy7vww8nzk5qr9983
10.00000000 BTC • \$664,111
- 7 16PXXJ8dA3WBiiEZGYTmijj1spzU7gcrNR
0.00161018 BTC • \$106.93
- 8 bc1qyzu5zrqexsl02z6wwqqwqa9rtcr2shhf40xvsc
0.00056977 BTC • \$37.84
- 9 bc1qf52k89w9canlcd8kridvevd4ekfuqai7ls2daw
0.00239870 BTC • \$159.30
- 10 bc1qy03sck7tqqk723ws7r0g5vlrqkcl9vkte5ucc
0.00093379 BTC • \$62.01

Load 12 More



ID: fca2-1621
11/02/2021, 10:49:09

From bc1q-4sp3
To 2 Outputs

0.00011065 BTC • \$7.35
Fee 735 Sats • \$0.49

From

1 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
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To

- 1 bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5
0.00011065 BTC • \$7.35
- 2 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01119573 BTC • \$743.52



335um-veNTJ

USD

Base58 (P2SH)



Bitcoin Address

335umQ4egqMjDo6wSXYwQZYPntZzMveNTJ

Bitcoin Balance

0.00011887 • \$7.84

Wallet

Chart

Summary

This address has transacted 19,983 times on the Bitcoin blockchain. It has received a total of 686142.76461134 BTC \$45,249,564,643 and has sent a total of 686142.76449247 BTC \$45,249,564,635 The current value of this address is 0.00011887 BTC \$7.84.

Total Received

686142.76461134 BTC
\$45,249,564,643

Total Sent

686142.76449247 BTC
\$45,249,564,635

Total Volume

1372285.52910381 BTC
\$90,499,129,279

Transactions

19,983



ID: 12e7-40f9
5/15/2024, 09:52:09

From 335u-eNTJ
To 22 Outputs

0.00181315 BTC • \$120.41
Fee 12.6K Sats • \$8.39

From

1 335umQ4egqMjDo6wSXYwQZYPntZzMveNTJ
114.00000000 BTC • \$7,570,875

To

- 1 bc1qws3egjf6506376g5kty0zwwq4js9xqj7aderxzy
10.00000000 BTC • \$664,111
- 2 bc1qxs05tutr04djcptrz2azvc4qder90acxr733uw
10.00000000 BTC • \$664,111
- 3 3D79Gn2BAzxbyea4xGMGHkyRxs2WARFQBm
0.00021242 BTC • \$14.11
- 4 bc1q3zjqknlc7jqesw5gl2t5hcpjf7khknvz3d9lm5
10.00000000 BTC • \$664,111
- 5 bc1qtvrxhs7qjs7w398yysq3lhc3fx39wy3vlguh44
0.00610759 BTC • \$405.61
- 6 bc1qzk4waq56xvu7mxr8fzyglxy7vww8nzk5qr9983
10.00000000 BTC • \$664,111
- 7 16PXXJ8dA3WBiiEZGYTmjy1spzU7gcrNR
0.00161018 BTC • \$106.93
- 8 bc1qyzu5zrqexsl02z6wwqqwqa9rtcr2shhf40xvsc
0.00056977 BTC • \$37.84
- 9 bc1qf52k89w9canlcd8kridvevd4ekfuqai7ls2daw
0.00239870 BTC • \$159.30
- 10 bc1qy03sck7tqqk723ws7r0g5vlrqkcl9vkte5ucc
0.00093379 BTC • \$62.01

Load 12 More



ID: fca2-1621
11/02/2021, 10:49:09

From bc1q-4sp3
To 2 Outputs

0.00011065 BTC • \$7.35
Fee 735 Sats • \$0.49

From

1 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01131373 BTC • \$751.36

To

- 1 bc1qv5vvk3v3fjny629nsl65qhhvsvxcshwc2av05n5
0.00011065 BTC • \$7.35
- 2 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01119573 BTC • \$743.52



bc1qr-64sp3

USD

Bech32 (P2WPKH)



Bitcoin Address

bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3

Bitcoin Balance

0.00003695 • \$2.44

Wallet

Chart

Summary

This address has transacted 728 times on the Bitcoin blockchain. It has received a total of 12.67284765 BTC \$837,405 and has sent a total of 12.67281070 BTC \$837,403. The current value of this address is 0.00003695 BTC \$2.44.

Total Received

12.67284765 BTC
\$837,405

Total Sent

12.67281070 BTC
\$837,403

Total Volume

25.34565835 BTC
\$1,674,808

Transactions

728

 ID: 6347-22fe 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022489 BTC • -\$14.88 Fee 1.2K Sats • \$0.78	▼
 ID: 6ab4-e15c 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022531 BTC • -\$14.91 Fee 1.2K Sats • \$0.78	▼
 ID: 0386-16cf 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022538 BTC • -\$14.92 Fee 1.2K Sats • \$0.78	▼
 ID: 37b2-3ab3 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022580 BTC • -\$14.94 Fee 1.2K Sats • \$0.78	▼
 ID: c03f-f926 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022624 BTC • -\$14.97 Fee 1.2K Sats • \$0.78	▼
 ID: 32ac-61ef 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022729 BTC • -\$15.04 Fee 1.2K Sats • \$0.78	▼
 ID: 01c1-514b 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022759 BTC • -\$15.06 Fee 1.2K Sats • \$0.78	▼
 ID: d948-4b7d 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022855 BTC • -\$15.13 Fee 1.2K Sats • \$0.78	▼
 ID: 6a88-ec50 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022883 BTC • -\$15.14 Fee 1.2K Sats • \$0.78	▼
 ID: b643-a8e3 11/02/2021, 16:29:28	From bc1q-4sp3 To 2 Outputs	-0.00022918 BTC • -\$15.17 Fee 1.2K Sats • \$0.78	▼

Wallet

Chart



15 May 2024
● 0.00003695 BTC Balance
● 61.569,113 BTC Price
● 2,275 USD Balance

Totals are calculated daily from that day's starting balance, up to the last 2000 transactions are shown.

Node Shape

Text Color

Node Color

bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3

[1] [2021-11-02 09:49] 0.0001107 BTC

COINBASE_335umQ
335umQ4egqMjDo6wSXYwQZYPntZzMveNTJ

[2] [2024-05-15 07:52] 0.0018132 BTC

bc1qv5vvk3v3fjny629nsl65qhhvsxcs hwc2av05n5



12e77269f92ce650e5278fe45fddd203358e7e5b9d156a51d79348db77e340f9

- Home
- Prices
- Charts
- NFTs
- Defi
- Academy
- News
- Dev
- Wallet
- Exchange
- Bitcoin
- Ethereum
- Bitcoin Cash
- English

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[Win 8.88 BTC](#)
[1000x BTC BONUS](#)

USD **Bitcoin BTC**
 \$70,591.89 +5.34% 3,577.52

Latest Blocks
 Bitcoin
 844,446
 21 May 2024 • 04:03:22 GMT+2
 5,033 Txns • 1.46 Mb

Prices
 Market Cap

Bitcoin BTC	\$70,682.00 +5.61%	Trade
Ethereum ETH	\$3,796.71 +22.98%	Trade

"Simplified Payment Verification is for

12e77269f92ce650e5278fe45fddd203358e7e5b9d156a51d79348db77e340f9

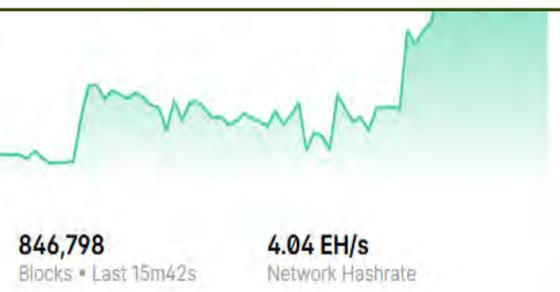
[Play Slots & Win!](#)
[Win 8.88 BTC](#)
[1000x BTC BONUS](#)

There are 1 blockchains with result(s) to your search:

12e77269f92ce650e5278fe45fddd203358e7e5b9d156a51d79348db77e340f9

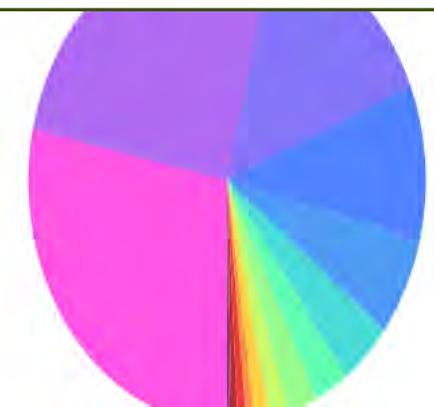
BTC Transaction 12e77-340f9

41731-69738	16:23:17	0.00009348 BTC	\$6.60
44ebf-bcd8a	16:23:17	0.10325655 BTC	\$7,289.29
627d7-172f6	16:23:13	0.00000330 BTC	\$0.23
fdcf1-8ce6d	16:23:13	0.00033985 BTC	\$23.99
01298-5056c	16:23:17	0.00021983 BTC	\$15.52
5b9f0-bd348	16:23:16	0.00244060 BTC	\$172.29
5afb-2cd2b	16:23:16	0.00000330 BTC	\$0.23



846,798
 Blocks • Last 15m42s

4.04 EH/s
 Network Hashrate



1,191,157
 Transactions • 13.79 TPs
\$4,525,777,198
 Sent Today

19,918,850
 Blocks • Last 0m9s
0.00 KH/s
 Network Hashrate



ID: 12e7-40f9
5/15/2024, 09:52:09

From 335u-eNTJ
To 22 Outputs

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114.00000000 BTC • \$7,570,875

To

- 1 bc1qws3egjf6506376g5kty0zwwq4js9xqj7aderxzy
10.00000000 BTC • \$664,111
- 2 bc1qxs05tutr04djcptrz2azvc4qder90acxr733uw
10.00000000 BTC • \$664,111
- 3 3D79Gn2BAzxbyea4xGMGHkyRxs2WARFQBm
0.00021242 BTC • \$14.11
- 4 bc1q3zjqknic7jqesw5gl2t5hcpjf7khknvz3d9lm5
10.00000000 BTC • \$664,111
- 5 bc1qtvrxhs7qjs7w398yysq3lhc3fx39wy3vlguh44
0.00610759 BTC • \$405.61
- 6 bc1qzk4waq56xvu7mxr8fzyglxy7vww8nzk5qr9983
10.00000000 BTC • \$664,111
- 7 16PXXJ8dA3WBiiEZGYTmijj1spzU7gcrNR
0.00161018 BTC • \$106.93
- 8 bc1qyzu5zrqexsl02z6wwqqwqa9rtcr2shhf40xvsc
0.00056977 BTC • \$37.84
- 9 bc1qf52k89w9canlcd8kridvevd4ekfuqai7ls2daw
0.00239870 BTC • \$159.30
- 10 bc1qy03sck7tqqk723ws7r0g5vlrqkcl9vkte5ucc
0.00093379 BTC • \$62.01

[Load 12 More](#)



ID: fca2-1621
11/02/2021, 10:49:09

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To

- 1 bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5
0.00011065 BTC • \$7.35
- 2 bc1qry8lz5etvj3fm7pmecaf8hsfq6ra0d8dh64sp3
0.01119573 BTC • \$743.52

COINBASE_335umQ
335umQ4egqMjDo6wSXYwQZYPntZzMveN
TJ



[1] [2024-05-15 07:52] 0.0018132 BTC

bc1qv5vvk3v3fjny629ns165qhhvsxcs
hwc2av05n5

Node Shape

Text Color

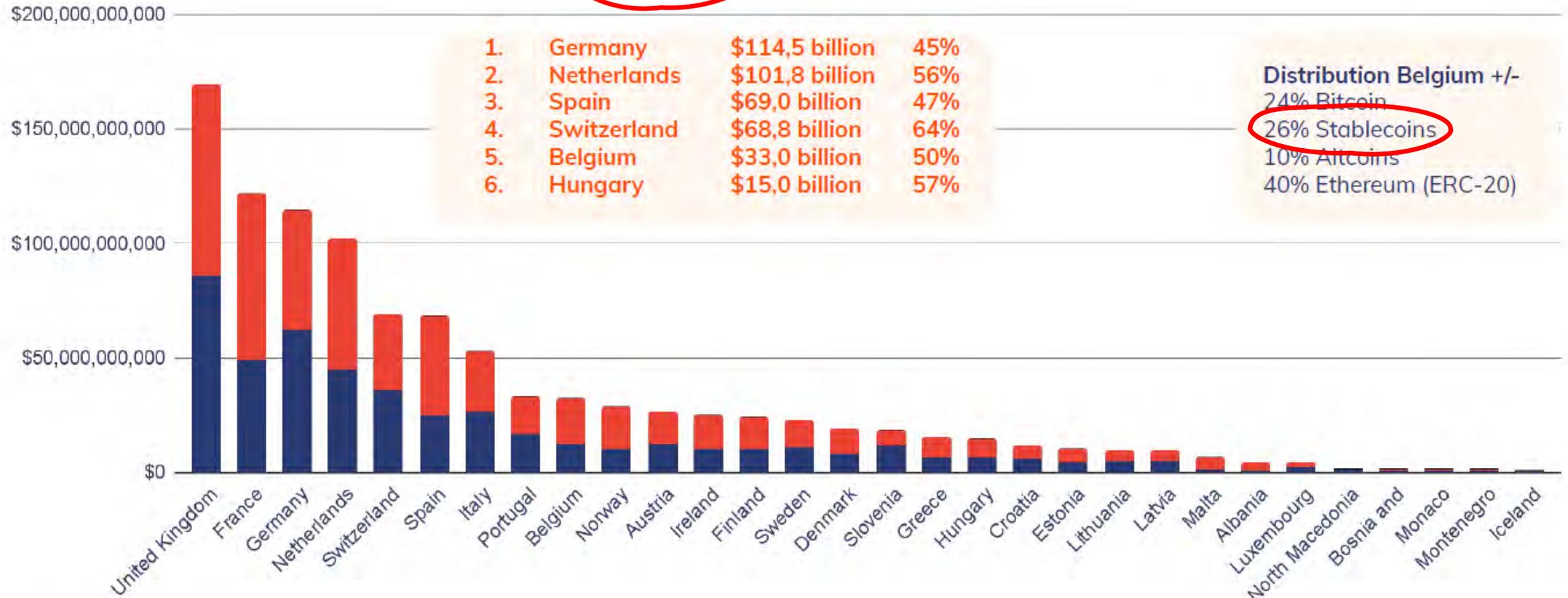
Your countries combined received \$401 billion in estimated value between July '20 and June '21 (12 months)

Central, Northern & Western Europe's cryptocurrency value received by country



July '20 - June '21

DeFi protocols Centralized services



1.	Germany	\$114,5 billion	45%
2.	Netherlands	\$101,8 billion	56%
3.	Spain	\$69,0 billion	47%
4.	Switzerland	\$68,8 billion	64%
5.	Belgium	\$33,0 billion	50%
6.	Hungary	\$15,0 billion	57%

Distribution Belgium +/-
24% Bitcoin
26% Stablecoins
10% Altcoins
40% Ethereum (ERC-20)

Japan's largest category of activity was centralized exchanges, which received 54.8% of all activity between Feb 2023 and Jan 2024. That was smaller than Eastern Asia's 63.7% received by centralized exchanges and smaller than the 60.1% received globally. The second largest category in Japan was DeFi, which received 42.7%. This was larger than Eastern Asia's 32.9% received by DeFi between Feb 2023 and Jan 2024.



Category	Eastern Asia	Japan	Global
Centralized exchange	63.7%	54.8%	60.1%
DeFi	32.9%	42.7%	36.7%
Other	2.9%	1.2%	2.5%
Risky	0.3%	1.1%	0.6%
Mining	0.2%	0.1%	0.1%
Illicit	0.0%	0.0%	0.0%



OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



A stablecoin is a class of cryptocurrencies that attempt to offer price stability and are backed by a reserve asset.



Stablecoin has gained attraction as they attempt to offer the best of both worlds. The instant processing and security or privacy of payments of cryptocurrencies, and the volatility-free stable valuation of fiat currencies!



STABLECOINS

There are 2 types of stablecoins:

- Fiat collateralized stable coins maintain a fiat currency reserve (USDT, USDC)
- Crypto-collateralized stable coins are backed by other cryptocurrencies (DAI/ETH)



Decentralized Finance

DeFi

Decentralized finance (or "DeFi") is a financial ecosystem based on blockchain technology. It lets users buy and sell assets and financial services as a form of investment or financing without middlemen.

DeFi uses blockchain, which connects users without a central server and can transfer data and assets securely, under the users' own watch. Transactions are regulated under "smart contracts", computer programs that also use blockchain and run automatically when the parameters the parties set in advance are met.

They use blockchain to store and transfer digital assets and smart contracts to make sure the parties keep their end of the bargain.

Decentralized Finance

DeFi

What applications are there within DeFi?



Staking

Staking stands for: storing crypto coins in a wallet for a fixed period of time. By staking you earn a kind of interest that you get deposited in your wallet. The reward you earn from betting cryptocurrency depends on the length of time you hold it. The longer the betting time, the higher the return. It is similar to a fixed deposit in the traditional banking system that is rewarded at the end of the period with a defined interest rate, as stipulated in the contract.



Decentralized Finance

DeFi

What applications are there within DeFi?

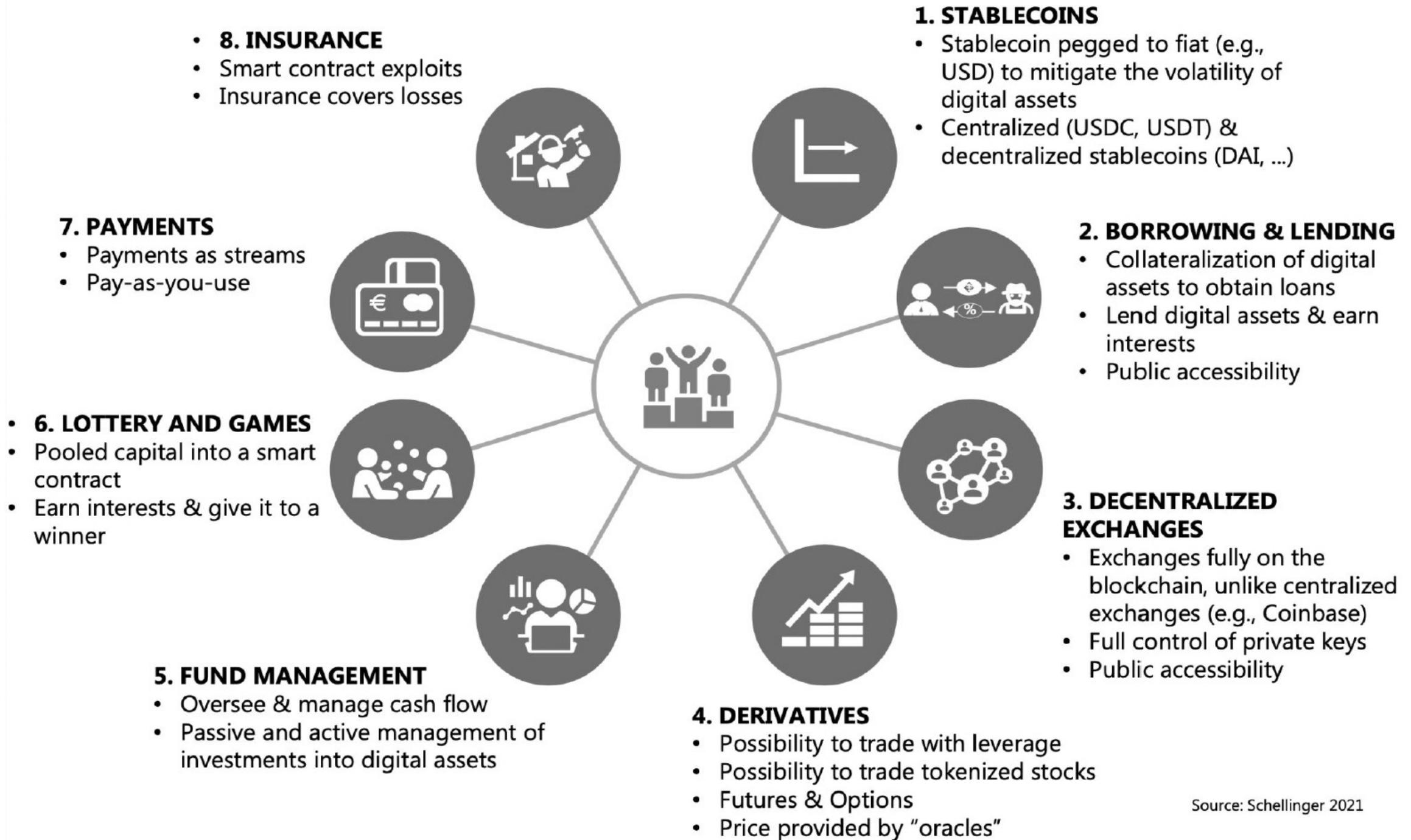


Lending

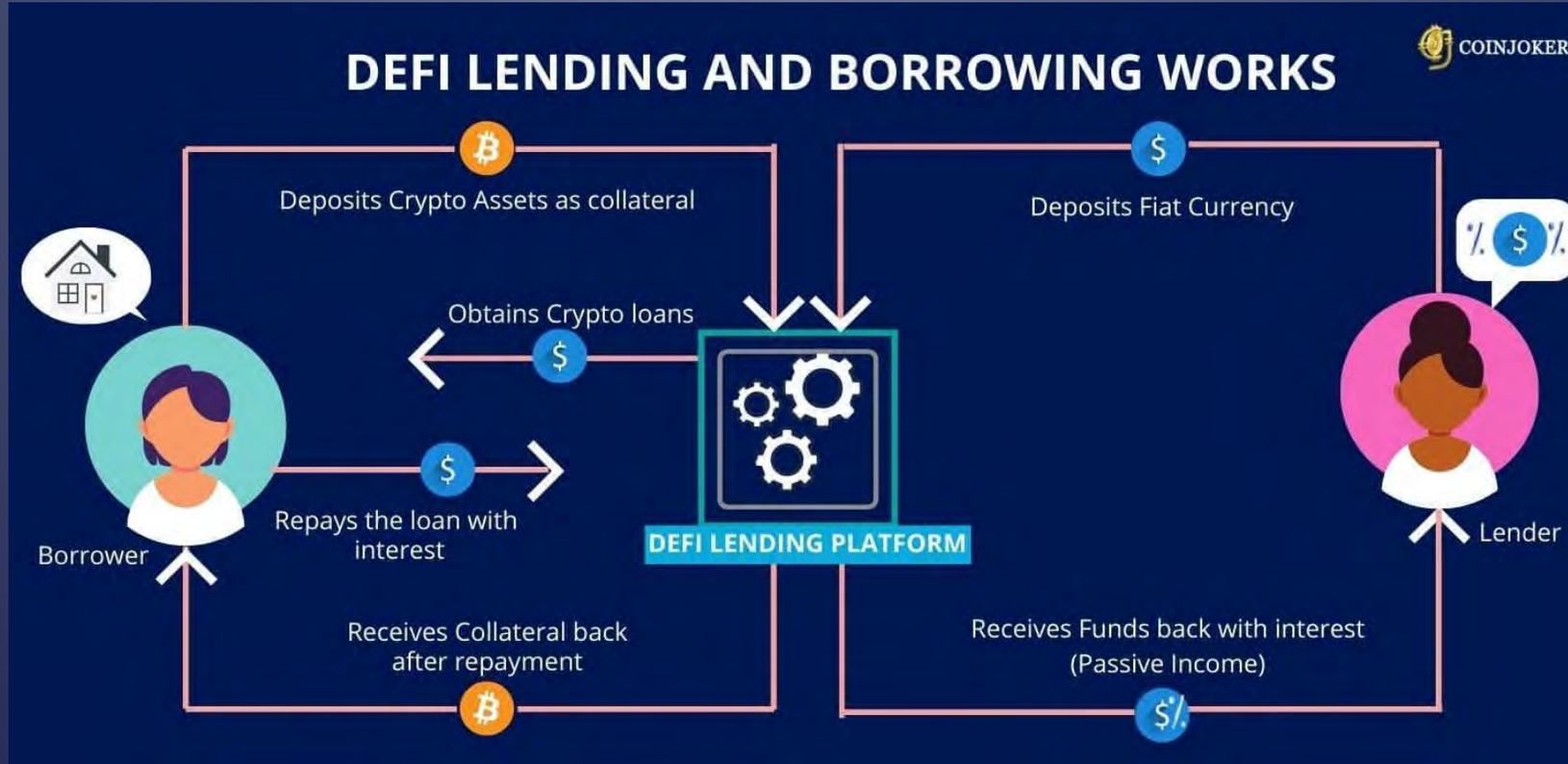
Lending stands for (temporarily) lending your cryptocurrencies to a platform. This platform then grants loans to companies or private individuals, without the intervention of intermediaries. At the same time, the DeFi lending protocol makes it possible for anyone in the world, anywhere, to earn interest from crypto they lend.

Decentralized Finance

DeFi



DECENTRALIZED FINANCE







WHAT IS A NFT?



OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



NFT'S EXPLAINED

NFT stands for 'non-fungible token'.

A NFT is a digital asset that links ownership to unique physical or digital objects!



Art



Real estate



Gaming



Limited Edition 'NFT Yourself Album' w/ additional Vinyl Album (physical copy)

Open Edition only available for purchase until March 19th, at 8pm EST

Purchasers of the 'NFT Yourself Album Edition' will receive:

- One full digital album download
- One Limited Edition Golden Eye Vinyl (physical copy)
- One NFT collectible album artwork

NFT collectible with all proceeds benefiting Live Nation's Crew Nation Fund.

Buy

Music

NFT'S EXPLAINED

NFTs are sold **online**, via cryptocurrencies, and are the **digital proof of ownership** of an item.

NFTs are recorded on the **blockchain**, which ensures that the asset is **unique**.



NFT-projecten: Bored Ape Yacht Club, Meebits,
Mutant Ape Yacht Club, RTFKT Clone X, Azuki

The **blockchain technology** ensures that the NFT cannot be changed or falsified. The registration on the **blockchain** is tied to a digital wallet. This crypto wallet contains a digital key with which you can prove that the NFT is your property.

NFT'S EXPLAINED



NFT'S EXPLAINED

Smart contracts:

A **smart contract** is a piece of a code with which certain information is stored on the **blockchain**.

Smart contract are supported by multiple blockchains like, Ethereum, Solana, Tezos, Binance Smart Chain, etc.

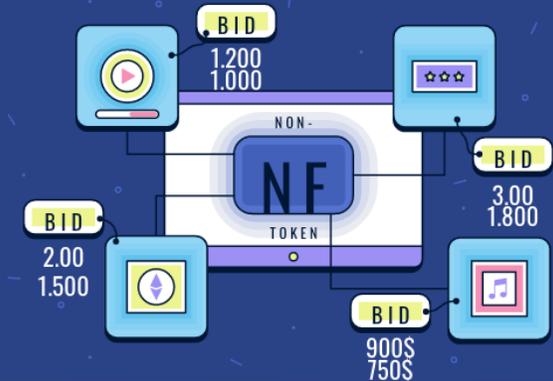
A **smart contract** regulates 2 actions:

- Verifying ownership;
- Ensure that it is possible to transfer the NFT.

The **smart contract** ensures that the transaction is only executed when the predefined conditions are met and verified.



How Do NFTs work | Learn All About How Does an NFT Work



Voor NFT smart contracten wordt een ERC-721 of ERC 115 contract gebruikt.

NFT'S EXPLAINED

Smart contracts:

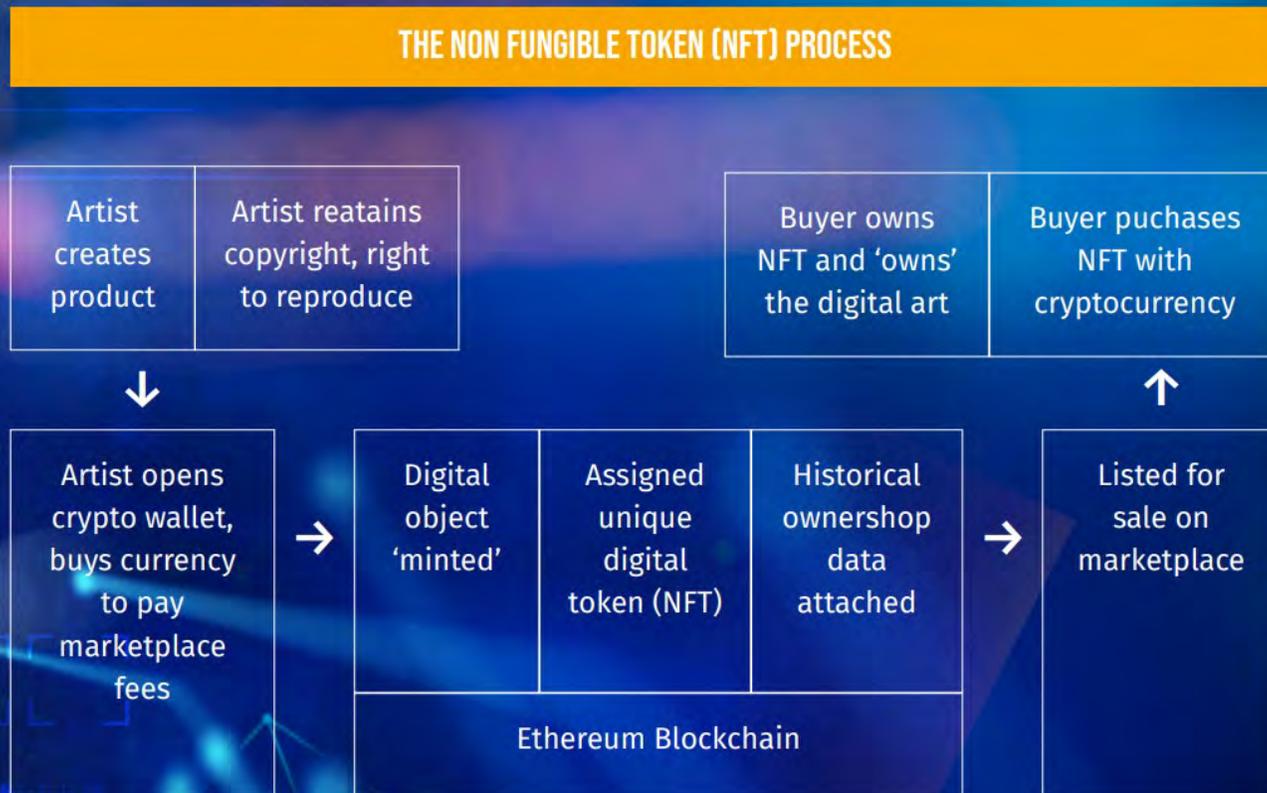


ERC20 Tokens

— *Simply explained* —

NFT'S EXPLAINED

NFT-transactions, just like bitcoin transactions, **are visible** on the **blockchain**. Because everything is registered on the **blockchain**, it is possible to trace which address the NFT has created, to which address the NFT was sent, who the current owner is, etc



NFT PLATFORMS



Artists can offer NFTs for sale on these platforms/markets.

Buyers can then search the platform and buy the item of their choice.

This is usually done by bidding!

OpenSea has processed more than 10 billion dollar in transactions since its launch in 2017.



NFT PLATFORMS



Search items, collections, and accounts

Explore Stats Resources Create

Discover, collect, and sell extraordinary NFTs

OpenSea is the world's first and largest NFT marketplace

Explore

Create

[Learn more about OpenSea](#)



Peripheral Illusion
WorldofWomen



Solana is in beta on OpenSea

Explore

NFT PLATFORMS



Search items, collections, and accounts

Explore Stats Resources Create

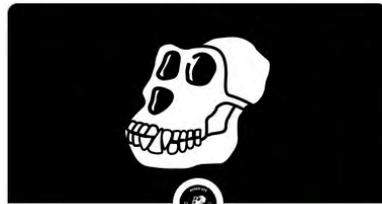
Explore Collections

Trending Top Art Collectibles Domain Names Music Photography Sports Trading Cards Utility Virtual Worlds



CryptoPunks

CryptoPunks launched as a fixed set of 10,000 items in mid-2017 and became one of the inspirations f...



Bored Ape Yacht Club

The Bored Ape Yacht Club is a collection of 10,000 unique Bored Ape NFTs— unique digital...



Otherdeed for Otherside

by OthersideMeta

Otherdeed is the key to claiming land in Otherside. Each have a unique blend of environment an...



Mutant Ape Yacht Club

by A858DD

The MUTANT APE YACHT CLUB is a collection of up to 20,000 Mutant Apes that can only be created by...



Primates

by ThePrimates

Primates is a project built for the community, by the community. The goal of Primates is to create a...



CLONE X - X TAKASHI M...

by RTFKTCLONEXTM

CLONE X
20,000 next-gen Avatars, by RTFKT and Takashi Murakami



goblintown.wtf

by kingofthegoblin

AAAAAAUUUUUGGGHHHHH
goblins goblins
GOBLINNNNNNNNs wekm ta...



RRBAYC.com

RR/BAYC

by ryder_ripps

you can't copy an NFT.
conceptual art by Ryder Ripps
learn about the truth of BAYC at...



Moonbirds

Moonbirds

by PROOF_XYZ

A collection of 10,000 utility-enabled PFPs that feature a richly diverse and unique pool of raritv...



Art Blocks Curated

by ArtBlocks_Admin

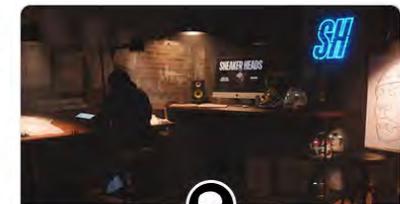
Art Blocks Curated is the most strictly curated offering in the Art Blocks product suite. Submission...



Azuki

by TeamAzuki

Take the red bean to join the garden. View the collection at azuki.com/gallery



SNEAKER HEADS Official

by Sneakerheads_xyz

Sneakerheads is a collection of 5000 unique NFTs designed by legendary artist and founder Ali...

NFT PLATFORMS



The Chainsmokers - S...
by [royal-official](#)

This album is for our fans - all of you who supported us, came to a show, streamed a song, liked a p...



Snoop Dogg on Sound ...
by [DEATHROWNFT](#)

Created by Snoop Dogg on Sound. Leave a comment on the song at <https://www.sound.xyz/snoopdog>



Roberto Carlos x Sport...
by [sportsicon](#)

The most attacking left-back in the history of soccer comes to Sportsicon. Just under 1000...



The Association
by [NBA](#)

A collection of dynamic NFTs that change in appearance over time based on player and team on-

EROTIC PINK
NFT



Erotic Pink NFT
by [NFTerotic](#)

EROTIC PINK
Limited Edition Collection of 301
Cards....



Spatial X
by [Spatial_io](#)

Spatial is the Metaverse for culture where artists and organizers are empowered to create the world ...

NFT PLATFORMS



0

The Chainsmokers - So Far So Good

#1817 The Chainsmokers 'So Far So Good' Royal LDA

Owned by [Cooker](#) 51 views

Sale ends June 21, 2022 at 11:50pm GMT+2

08	52	19
Hours	Minutes	Seconds

Current price

0,399 (\$450,51)

Buy now

Make offer

Price History

All time



No item activity yet

Description

[1817/5000] This album is for our fans - all of you who supported us, came to a show, streamed a song, liked a post, hugged us when you saw us. We're here because of you.

We wanted to do something special, and this drop is our way of paying forward all the good we've received from you. When you own one of these tokens, you will get a portion of the master streaming royalty rights in all 13 tracks on 'So Far So Good'.

Properties



jupiter
meta



Create an NFT Marketplace for your community!

Powered by Jupiter Meta





Hot Collections

Icons of Chennai



Flying cabs at Chennai Central



Digital Snack at Marina Beach



ப்போதும். Airtel தமிழகத்தின் தலைசிறந்த நெட்ஹெர்சு. Airtel சென்னை சென்ட்ரல் சென்னை சென்ட்ரல் CHENNAI CENTRAL

SUPER SELECTED
YA PEAR KING
96

Widely Read, Always Trusted THE HINDU Always Classic, Always Contemporary.



Flying cabs at Chennai Central

Art

Chennai

Landmark

Edition 14 of 50

Sale price

10000 INR / 0.951 RBT (Inclusive GST)

Buy now

Change Edition



Description

Having the Central station in the background, the art depicts the age-old tradition of autorickshaws and coolies in the foreground with some bustling activity as a treatment. The element of futuristic node will come through flying cabs (autos) and Online coolies.

Created by



JupiterMeta



jupiter
meta



Created by



JupiterMeta

Token Hash:

Qmdvu65nvUfFkGNEy2mySX2SYxdS1xqmaP2LvYB92Y8S9n

Buy now

Change Edition



Description

Having the Central station in the background, the art depicts the age-old tradition of autorickshaws and coolies in the foreground with some bustling activity as a treatment. The element of futuristic node will come through flying cabs (autos) and Online coolies.

About Creator

Jupiter Meta has collaborated with SS Karthik (108) collective to create the "Icons of Namma Singara Chennai" collection. The collection is the initiative of Jupiter Meta for driving a social change. The concept and idea has been curated by Jupiter Meta while the execution is done by SS Karthik

Digital

High resolution image of 6600*6600px.

Physical

Can be printed and mounted on Canvas/Flex/Art paper.

NFT PLATFORMS



Search items, collections, and accounts

Explore Stats Resources Create

THE ASSOCIATION ^{NFT}



The Association

By NBA

A collection of dynamic NFTs that change in appearance over time based on player and team on-court. See more

30.0K items 15.2K owners \uparrow 0.018 floor price \uparrow 5.7K total volume

Items Activity

Search by name or attribute

Price low to high

Status

Buy Now

On Auction

Buy with Card

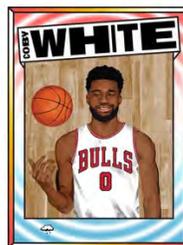
Price

Quantity

Currency

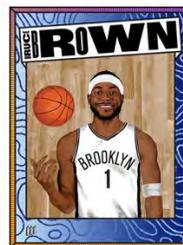
PROPERTIES

29,992 items



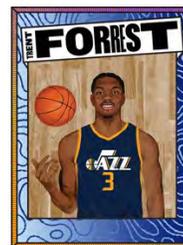
The Association NFT #28463

Price \uparrow 0.018



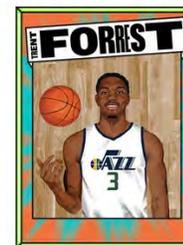
The Association NFT #28530

Price \uparrow 0.0196



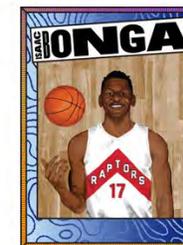
The Association NFT #19055

Price \uparrow 0.0199



The Association NFT #11266

Price \uparrow 0.02



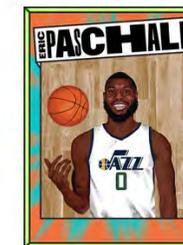
The Association NFT #27265

Price \uparrow 0.02



The Association NFT #17434

Price \uparrow 0.02



The Association NFT #21377

Price \uparrow 0.02

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NFT PLATFORMS

7

The Association

The Association NFT #20716

Owned by **WhaleMfer** 147 views 7 favorites

Sale ends June 21, 2022 at 8:38pm GMT+2

05 Hours 35 Minutes 40 Seconds

Current price

0,13 (\$146,78)

Buy now Make offer

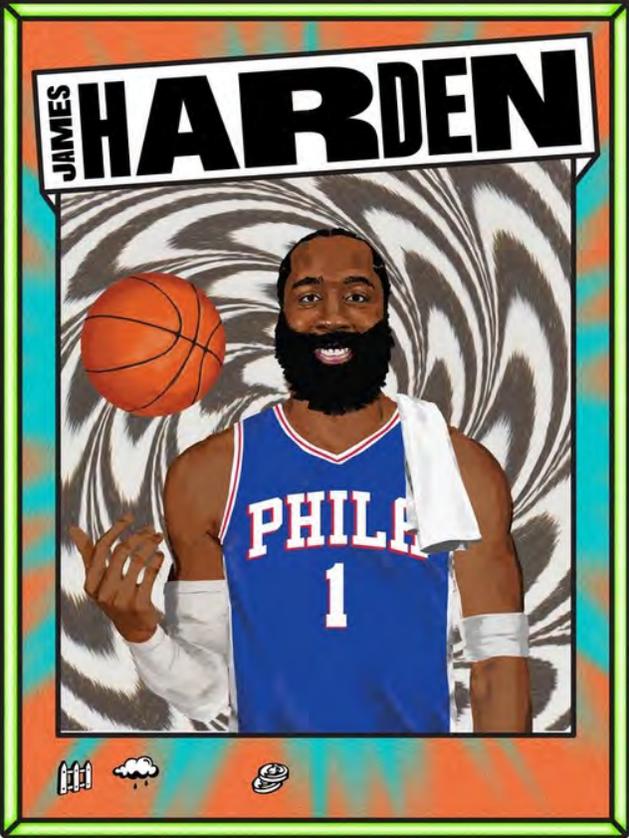
Price History

All time All time avg. price 0,35

1 0.5 0 4/29

Listings

JAMES HARDEN



PHILA 1

Description

By **EtherCardsPlatform**

The Association is a collection of dynamic NFTs by the NBA and NBPA. Please read the NFT terms and conditions here: <https://theassociationnft.com/nft-terms-and-conditions>



A Crypto airdrop is a marketing tactic where developers of a specific blockchain project send free tokens to users. New projects use this strategy to promote themselves prior to the official launching date.

Startups use both crypto airdrops and NFT airdrops to create buzz. It also increases awareness about their non-fungible token (NFT) collection or cryptocurrency. Airdrops can also boost the price of a token if there is a lot of publicity.

The Association NFT #20716 - T x Ethereum Transaction Hash (Tx) x +

https://opensea.io/assets/ethereum/0xd7bea2b69c7a1015aadaa134e564eee6d34149c0/20716

Bladwijzers importeren... Aan de slag gcloudbelgium.sharep...

OpenSea Search items, collections, and accounts Explore Stats Resources Create

Item Activity

Filter

Sales X Transfers X Clear All

Event	Price	From	To	Date
Sale	0,35	RarestNFTCollector	WhaleMfer	3 months ago
Transfer		RarestNFTCollector	WhaleMfer	3 months ago
Airdrop		NullAddress	RarestNFTCollector	3 months ago

More From This Collection



NFT PLATFORMS



WhaleMfer - Profile | OpenSea x +

← → ↻ 🏠 🔒 https://opensea.io/WhaleMfer ☆ 📧

🔍 Bladwijzers importeren... 🌐 Aan de slag 📄 gcloudbelgium.sharep...

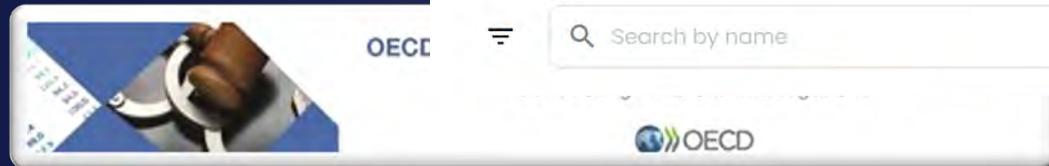
OpenSea 🔍 Search items, collections, and accounts [Explore](#) [Stats](#) [Resources](#) [Create](#) 👤 🏠

WhaleMfer 📄 ⋮

📍 0xc855...782c 📅 Joined March 2022

[Collected 342](#) [Created](#) [Favorited 362](#) [Activity](#) [More ▾](#)

☰ 🔍 Search by name [Recently listed ▾](#) 🏠 📄



WhaleMfer - Profile | OpenSea × Address 0xc855d03edb308080e ×

https://etherscan.io/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Etherscan

Eth: \$1,085.15 (+5.37%) | 14 Gwei

Home Blockchain Tokens Resources More Sign In

Address 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Sponsored: AAX - Buy BTC with up to 50% discount. Visit [AAX.com](https://aax.com) now!

Overview

Balance: 0.351486581371677345 Ether

Ether Value: \$381.42 (@ \$1,085.15/ETH)

Token: \$10,655.52 >121

More Info

My Name Tag: Not Available, [login to update](#)

Ad

AAX Earn → 60% APY while you sleep

Transactions Internal Txns Erc20 Token Txns Erc721 Token Txns Erc1155 Token Txns Analytics Comments

Latest 25 from a total of 1,105 transactions

Txn Hash	Method	Value	Txn Fee
This website uses cookies to improve your experience and has an updated Privacy Policy. Got it			



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Address 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c



Address 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Click to view QR Code



Address 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c found in 5 different chains. (0.010 secs)

[Etherscan](#)

<https://etherscan.io> > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Ethereum

[BscScan](#)

<https://bscscan.com> > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Binance Smart Chain

[PolygonScan](#)

<https://polygonscan.com> > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Polygon (Matic)

[Rinkeby Testnet](#)

<https://rinkeby.etherscan.io> > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Ethereum

Testnet

[PolygonScan Testnet](#)

<https://mumbai.polygonscan.com> > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c

Polygon (Matic)

Testnet

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Transactions Internal Txns Erc20 Token Txns Erc721 Token Txns Erc1155 Token Txns Analytics Comments

📄 Latest 25 from a total of 1,105 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
0x809ffadc9469abbfa92...	Set Approval For...	15140458	1 hr 15 mins ago	0xc855d03edb308080e7...	OUT Crezies: CREYZIES To...	0 Ether	0.00053328
0x68e435b8d5ec0d007b...	Set Approval For...	15140453	1 hr 17 mins ago	0xc855d03edb308080e7...	OUT Crezies: CREYZIES To...	0 Ether	0.00054977
0x0233053809d146dca7...	0x87201b41	15139518	4 hrs 29 mins ago	0xc855d03edb308080e7...	OUT OpenSea: Seaport 1.1	0.67 Ether	0.00839978
0x57e52a0b3a1185f2d1...	Withdraw	15139513	4 hrs 30 mins ago	0xc855d03edb308080e7...	OUT Wrapped Ether	0 Ether	0.00089752
0x31c83bfd251f9e1db72...	Deposit	15139116	5 hrs 59 mins ago	0xc855d03edb308080e7...	OUT Wrapped Ether	3.23 Ether	0.00033681
0x8a95a8ecaa3edebfeb...	Cancel	15096109	6 days 21 hrs ago	0xc855d03edb308080e7...	OUT X2Y2: Exchange	0 Ether	0.00464518
0xfe4f1bcc6186d4303a6...	Deposit	15096080	6 days 21 hrs ago	0xc855d03edb308080e7...	OUT Wrapped Ether	3.93 Ether	0.00199569
0x3b2ef4aed2317463bc...	Deposit	15078923	9 days 13 hrs ago	0xc855d03edb308080e7...	OUT Wrapped Ether	2.47 Ether	0.00128896
0xe2dea1ce079e023213...	0x357a150b	15071618	10 days 16 hrs ago	0xc855d03edb308080e7...	OUT X2Y2: Exchange	0 Ether	0.00615028
0x6fe3a206e8dc7a6535...	Deposit	15046532	14 days 17 hrs ago	0xc855d03edb308080e7...	OUT Wrapped Ether	2.87 Ether	0.00201479
0x980b1d73f7722b5f6c...	Cancel	15044114	15 days 4 hrs ago	0xc855d03edb308080e7...	OUT X2Y2: Exchange	0 Ether	0.00215984
0x5f4c88968717aac659...	Cancel	15038531	16 days 5 hrs ago	0xc855d03edb308080e7...	OUT X2Y2: Exchange	0 Ether	0.00187945

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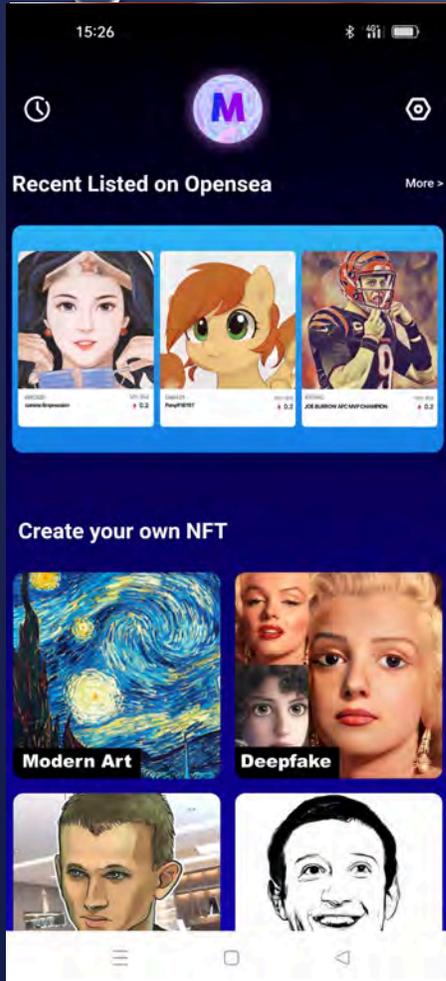


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	TxHash	BlockNo	Unix Time	Date Time	From	To	ContractAddr	Value_IN(ETH)	Value_OUT(ETH)	CurrentValue @ \$1085.9/E	TxnFee(ETH)	TxnFee(USD)	Historic	Status	ErrCode	Method	
2	0x858af473113c3f4045328663807d4f4e440b31c461b7563a08b4ee2e	IE-07	2E+09	20/03/2022 1:14	0xf6c8d27d51ecae00641dbae59ad2ac4ac83a3d9c	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0	0	0	0.10859	0.00037215613712	0.40961842349861	2861.26			Transfer	
3	0x8cf795dad85487def1b6e5f580736664026f26e0ee1f3d39eb3c3e043f	IE-07	2E+09	20/03/2022 1:17	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xa5409ec958c83c3f039868babaca786dc077c1	0	0	0	0	0.010122633012028194	109.321671877.614	2861.26			Register Proxy	
4	0x271e11afd953f1b6e80f31c5a64cb2208bd933d8ae42f3be7c383782c	IE-07	2E+09	20/03/2022 1:17	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x79f9edf22fe0d2adecabb2587640e45491b757f	0	0	0	0	0.001175921056693564	127.693.267.546.354	2861.26			Set Approval For All	
5	0xac83ed72431a8f159c38e0ff2783865941961c3ebc1565ceda23c338d7	IE-07	2E+09	20/03/2022 1:19	0xf6c8d27d51ecae00641dbae59ad2ac4ac83a3d9c	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	378.219.641	0	0	4,107.087.081.619	0.000470614089876	0.511039840196348	2861.26			Transfer	
6	0xe25ee6f22baa86f1a6ddebcae91decbb93429809db3d136600406aa27f5	IE-07	2E+09	20/03/2022 1:22	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	3.77	0	4,093.843	0.001045159177346008	113.493.053.220.003	2861.26			Deposit	
7	0x5dfeff822e378891d2c39445a6401c0d9a2749ad8a2f4fcd0875d9a15f3f	IE-07	2E+09	20/03/2022 1:23	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	0	0	0	0.00099875487796833	108.456.192.198.582	2861.26			Approve	
8	0x758637e1ef530e2a6df83bc70327eed5c3309058862039af4e1f8d4e2d2f	IE-07	2E+09	21/03/2022 16:58	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0	0	0.3189	34.629.351	0.001744540155474089	108.456.192.313	2895.01			Atomic Match_	
9	0x8e833caba651a9e4440f6f52343a1cc7404cb32f19394ac76e1c1911266b79e	IE-07	2E+09	21/03/2022 22:07	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.12	130.308	0.00834583596079515	906.274.326.982.745	2895.01			Atomic Match_	
10	0x4a0e3ed602ced0c87600655b715573af5e8d4c6634d2ae3a8b6d373c	IE-07	2E+09	22/03/2022 0:36	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x83c8f2c26b6f6aac652d1dbbe01b56f8baba2	0	0	11.463	124.476.717	0.11739641212033844	127.481.309.044.031	2970.47			0x9a2b81f5	
11	0x8200eb99d8150025c66f39632c46bf4890afe217275e246a5f52950d1	IE-07	2E+09	22/03/2022 2:21	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x00000000a50bb644bbeceb18715748dface08af	0	0	0.22	238.898	0.01929540135683048	129.542.876.333.382	2970.47			0xc0423cd6	
12	0xfbe6445757e22560221eab6bbd415e172d876825eeb9e0b270225fbc0c	IE-07	2E+09	22/03/2022 2:59	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.888	9.642.792	0.010792398641754004	117.201.039.507.186	2970.47			Atomic Match_	
13	0x1b329d6ed5b1959059bcfa2e2c779344c9eb0f6db5f0671aeb2a3e92f	IE-07	2E+09	22/03/2022 3:10	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	0	0	0	0.01013750197861482	151.739.155.873.783	2970.47			Withdraw	
14	0x2343ac3aeb3882c5584d7667784892902be879d29aa7e40c3e3a	IE-07	2E+09	22/03/2022 3:13	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x0000000035634b5f3d99b071b5a35448e10bef	0	0	0.385	4.180.715	0.016510831091135654	179.231.14.818.642	2970.47			0x10064373	
15	0x40842c6f02aa9d354a38c6f6e35d6b8cd96b5843c9f554d3d53c573ce4f	IE-07	2E+09	22/03/2022 13:40	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	0	3.11	3,377.149	0.00136362890707798	148.076.463.019.598	2970.47			Deposit	
16	0x54d210e2c7f0d01bdc6b2505c36a170ef3727886ef276f6f4c8d84bde1	IE-07	2E+09	22/03/2022 22:21	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.14	152.026	0.0125617971208235	136.408.554.305.022	2970.47			Atomic Match_	
17	0xf48910fed0ca5ca4810b74b6e7594605b48d6c8e209fa1e44f3db2e6f	IE-07	2E+09	22/03/2022 22:27	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.15	162.885	0.01027997715504344	111.630.271.926.617	2970.47			Atomic Match_	
18	0x0b08f1408293cbe7d39c6f760a5983f56c60ca5f1489ca0b1106780e	IE-07	2E+09	22/03/2022 22:30	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.069	749.271	0.0083984262673840e	91.985.108.375.237	2970.47			Atomic Match_	
19	0xf12cb43a3851c6b5d590c54128893dlb254819c0d35a83e8c09c5b853	IE-07	2E+09	23/03/2022 2:22	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	0	0	0	0.00096495337000800	104.784.286.439.169	3032.98			Withdraw	
20	0x79005e7bad406b11d0e074919f9e4c6b8d736ee3a982d8f04670cb9606	IE-07	2E+09	23/03/2022 2:33	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0.309	3,355.431	0.0077950049779472	104.784.286.439.169	3032.98			Atomic Match_	
21	0xb0c6395f50a074a0ffea247913c42db805f57001bfc8f1405e08f44425	IE-07	2E+09	23/03/2022 3:16	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x0000000035634b5f3d99b071b5a35448e10bef	0	0	0.1225	13,302.275	0.01533745895964195	164.337.346.684.275	3032.98			0x10064373	
22	0x16ec432e771e0e8977af0c1bb5534d90c5737d0d1dfc621008504773c3f	IE-07	2E+09	23/03/2022 4:30	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2	0	0	0	0	0.001579040488831	171.468.006.682.158	3032.98			Withdraw	
23	0x70b0f9db0198378b18c238fd84c29dc046c5789d5f5db3d89d1446bc7cb	IE-07	2E+09	23/03/2022 4:36	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	4.24	0	4,604.216	0.0114301842685795	122.393.796.709.725	3032.98			Atomic Match_	
24	0x244a73e74e2a30a7271f171485767601ec7c0d20817ebba740a8054b95	IE-07	2E+09	23/03/2022 4:39	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x6dc60015516f5b9d7f0f6a2a2c111df43454e2	0	0	0	0	0.0160123163271315	173.877.744.299.321	3032.98			Set Approval For All	
25	0xb0ee2743c78bc24a06e5787ad4603675ac724928065020ad7417f180d	IE-07	2E+09	23/03/2022 4:40	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x6ce314120568f5496005639272c21c576941dfb9	0	0	0	0	0.00604266745939491	656.173.256.415.694	3032.98			Stake	
26	0x5f1253bc0d69c710738c8048a4af92c5ccca390814905217d6952b7d3ef	IE-07	2E+09	23/03/2022 7:13	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x10064373e248bc7253653ca05df73cf226202956	0	0	0	0	0.00088082395780771	0.956486737839396	3032.98			Set Approval For All	
27	0xf6d9dad90ac2eb25ad489a35eab3a7e17db4461d20e989ea4f11234326a	IE-07	2E+09	23/03/2022 7:17	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0xc0b67ea38281a006446eeeb7258876beb7d714d	0	0	0	0	0.000913686084712454	0.992171719393254	3032.98			Set Approval For All	
28	0x25d62ace46bb50c04931f0c0037664951bd8db653a128571102efec5fca	IE-07	2E+09	23/03/2022 7:23	0xf6c8d27d51ecae00641dbae59ad2ac4ac83a3d9c	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0.36236699	0	0	393.434.314.441	0.000532541952369	0.47827837306077497	3032.98			Transfer	
29	0xaf545dbac28d6679e59e4f2aa1f6c65901f5c08bdc7647dac026466f4e4d	IE-07	2E+09	24/03/2022 3:08	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0.31	0	336.629	0.00720523219074147	782.416.163.592.617	3112.85			Atomic Match_	
30	0x1a3c1e2689d078c547125b7b03143d29b3d73f359255927d560e4e4773b7c	IE-07	2E+09	24/03/2022 3:17	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.00036889013855049	400.577.796.355.198	3112.85			Cancel Order	
31	0x3d31225698d075672d2618bbd8ee7ab39927eb5e436b2f159b3f3a	IE-07	2E+09	24/03/2022 3:17	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.0003690747027181652	400.778.219.681.656	3112.85			Cancel Order	
32	0x75d43bb0afe7e0f94e17a0cd46b5286379a2ce43585714ba26c6079d9e30	IE-07	2E+09	24/03/2022 3:18	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.000369796452882401	401.561.968.185	3112.85			Cancel Order	
33	0x500ccb1012b681d0eb6f6f6f6d2c5304a2985816f644a556289453e4f	IE-07	2E+09	24/03/2022 3:18	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.0003699273031713772	401.704.058.079.199	3112.85			Cancel Order	
34	0x8b7529aa80746dced2fecf7edc337072ef49c8bb6f2a9e3f3e44bb271	IE-07	2E+09	24/03/2022 3:18	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.000362914369465218	394.085.529.380.728	3112.85			Cancel Order	
35	0xfba1eab1eae226598b0d75360070aee0824e506267e33c8b3f9dc9618	IE-07	2E+09	24/03/2022 3:19	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.002887730713181318	313.578.678.144.359	3112.85			Cancel Order	
36	0x4c1e38ba6042bec0c237c31b54748e0dbaf3397599411245118858e89576	IE-07	2E+09	24/03/2022 3:20	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.00031953879561080	34.698.726.931.595	3112.85			Cancel Order	
37	0x097d300599d4843ca2854be2257d0f0ef1dc47a072a6a314008ca3f433	IE-07	2E+09	24/03/2022 3:20	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.000315530799775965	342.634.895.476.721	3112.85			Cancel Order	
38	0x9a3b175d24a8f6074de4a377628bbbc63817659b89f603c8b84ad60d8t	IE-07	2E+09	24/03/2022 3:20	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0	0	0.000315419190598372	342.513.699.028.927	3112.85			Cancel Order	
39	0xa93a98b1d8ced2d97f9887caef3f64373e306e84b2c952b752ca554b3f	IE-07	2E+09	24/03/2022 3:20	0xc855d03edb308080e70f0fbc4e2f3be7c383782c	0x71268357a8c2552623316e2562d90e642bb538e5	0	0	0								

NFT-PLATFORMEN

NFT AANSCHAFFEN

Ethereum is required to buy an NFT.



Create an account with Coinbase.com



Validate/Link your bank account.

Transfer Euros to Coinbase (to buy NFT and pay transaction fees.)

Buy Ether(eum) on Coinbase.

Download and install Meta app.

Create an ETH address in Meta. Keep 12 keywords in a safe place.

Back to Coinbase.

Transfer ETH to your Meta wallet.

Open Meta wallet and initiate connection with OpenSea.

Now you can buy an NFT on OpenSea.

NFT APPLICATIONS

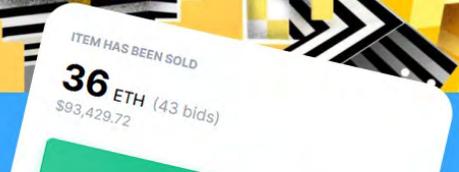


Physical property:

The World's First Real Estate NFT



TechCrunch Founder, Michael Arrington's Kyiv Apartment sold in world's first NFT Real Estate Auction!



NFT APPLICATIONS



Hello Kurt,

Thank you for your interest in Propy! Many agents around the country use the Propy Platform and they can assist you with your upcoming Home Buying transaction: whether is a traditional transaction or one that involves escrow for crypto payment, or an NFT transaction.

Please reply to this email and share with us what is your preferred location for the purchase, your budget, the timeline for the purchase and if you'd like a recommendation for an agent. This will help us to best address your needs.

We look forward to working together!

ilko@propy



Propy Inc.
490 Post Street, Ste. 526, San Francisco
California, 94102, United States

[Update your mail preferences](#) | [Unsubscribe](#)

Tell Us About Yourself

First name*

Last name*

Email*

Phone number

Country/Region

State/Region

I want to buy a property

- traditionally
- via crypto
- as an NFT
- real estate fraction

Do you have an agent?

- Yes
- No
- I would like to find an agent on Propy

What is your budget?

- Below \$50K
- \$50K - \$200K
- \$200K - \$800K
- \$800K - \$3M
- Above \$3M

Preferred location of the property *

Submit

Featured Listings Collection

Listed for purchase with crypto or as NFT

NEW **BUY WITH CRYPTO**



22933 Pleasanton Rd, San Antonio, ...
\$350,000

3 bd 2 ba

NEW **BUY WITH CRYPTO**



Most wanted listings with a high count of receive



538 Bedford Ave, Uniondale, NY 115...
\$499,999



Show 1 more

22933 Pleasanton Rd, San Antonio, TX 78264, United States

\$350,000

Accepted currencies:

USD ETH BTC view more...

Share property

Make offer

Overview Features Location



Property type
Single family home



Bedrooms
3



Bathrooms
2

NFT APPLICATIONS

Financial documents:

Bills, invoices, warranty cards, etc.

Identity verification:

For verifying identity or representing birth certificates, medical records, licenses, certificates, etc.

Tickets:

Concerts, parking garage, etc.

Fashion world:

Verify ownership of luxury items to reduce counterfeiting.



Citrus is now live! P2P lending platform Citrus is now live! P2P lending pla

- FOXES
- UTILITY
- SFOXY
- DENS
- MERCH
- CONNECT WALLET

Only on Solana!

FAMOUS FOX FEDERATION

Stay orange, my friends.





trus is now live! P2P lending platform Citrus is now live! P2P lending platt

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POPULAR TOOLS



FAMOUS TOKEN MARKET



RAFFLE



MISSIONS



STAKING



Now live! P2P lending platform Citrus is now live! P2P lending platform Citrus

FOXES

UTILITY

SFOXY

DENS

MERCH

CONNECT WALLET

FAMOUS TOKEN MARKET

Please connect your wallet.

It's in the top-right corner, way up there.

Please connect your wallet.

It's in the top-right corner, way up there.



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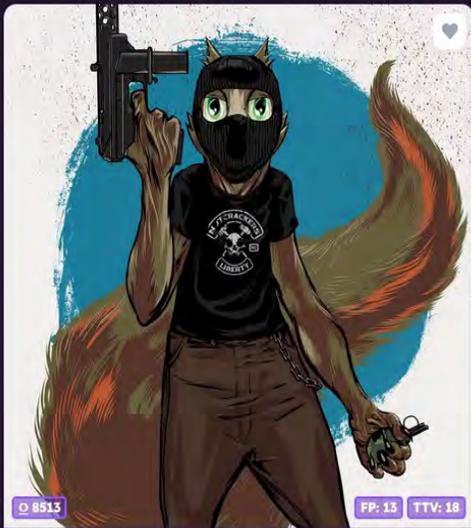


POPULAR TOOLS



FEATURED ENDING SOON

New to Raffle?
Check out this handy guide we've prepared for you!



Liberty Square ✓
LS: Sinister Squirrel Syn #1211
@CaInSwaper T1
Tickets Remaining: **335 / 360** Price/Ticket: **0.05 SOL**
[View Raffle](#)
Ends in 47 mins 8 s



Jellydawgs ✓
JellyDawgs #1460
@JoseBrunoSOLETH T2
Tickets Remaining: **50 / 50** Price/Ticket: **0.05 SOL**
[View Raffle](#)
Ends in 47 mins 8 s



Lily ✓
LILY #4679
@mjbrees613 T5
Tickets Remaining: **17 / 50** Price/Ticket: **0.27 SOL**
[View Raffle](#)
Ends in 51 mins 8 s

Featured All Raffles Past Raffles

Search Raffle Filters/Sort





Select Wallet

Lily

LILY #4679

NFT Floor Price: 10,95 Total Ticket Value: 13,45

Details Participants Transactions

Back Share

Ticket Sales Ends in:
48 mins 51 s

Raffle Start Date:
Mar 20, 2023, 3:17:36 AM

Raffler:
mjbreese613

Follow

Ticket Cost:
0.269 SOL

Tickets Remaining:
14 / 50

5,69 €

Terms & Conditions

1. Here's a [guide](#) to buy into raffles.
2. All NFT prizes are held by rafffle in escrow and can be claimed by the winner or creator once the draw is done.
3. Raffle tickets cannot be refunded once bought.
4. Raffle tickets will not be refunded if you did not win the raffle.
5. You can only buy 20% of total tickets.
6. You'll be charged 1% fees for swapping through Jupiter.
7. FFF receives a portion of the fees generated for anyone utilizing the Raven services through our website.

Lily

LILY #4679

NFT Floor Price: 10,95 Total Ticket Value: 13,45

231,48 € **284,33 €**

Terms & Conditions

1. Here's a [guide](#) to buy into raffles.
2. All NFT prizes are held by rafffle in escrow and can be claimed by the winner or creator once the draw is done.
3. Raffle tickets cannot be refunded once bought.
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Only on Solana!

FAMOUS FOX FEDERATION

Stay orange, my friends.



POPULAR TOOLS



Embark on Exciting Missions!

[Learn How Missions Work](#)

Missions

Embark on exciting and rewarding Missions!

<https://famousfoxes.com/missions>

Missions are a gamified form of Staking, requiring specific Fox traits, Levels, Dens, and sometimes even NFTs from other collections (previous collabs include DeGods, Jambo Mambo, and more!). Missions are 6 days in duration, and are more rewarding than Staking alone. You cannot end a Mission early.

Note: Sending Foxes on Missions still qualifies them as "Staking" for any utilities.

Famous Foxes and Transdimensional Foxes are both able to participate in missions and are both eligible for the same rewards, other than TFF's reduced XP.

Some missions also require **Dens** to complete them. Dens don't get XP however you get more FAME for that mission.

Every Sunday new missions are available to participate in and are announced a few days in advance on our [discord server](#). Missions can require **single or multiple foxes**. Every mission will **add XP** to your Foxes. This will be used to calculate the **level** of your foxes.

TFFs will earn XP **4 times slower** than FFFs.

Tier 1 Foxes (Level 40+) will receive an **extra 25% increased fame** for every mission completed.

You can check your Foxes levels [here](#).

Additionally, you may install the [Official Chrome Browser Extension](#) to view the FAME Levels and available Missions for Foxes listed for sale on Magic Eden!

Pleas
It's in th



trus is now live! P2P lending platform Citrus is now live! P2P lending platt

- FOXES
- UTILITY
- SFOXY
- DENS
- MERCH
- CONNECT WALLET

Only on Solana!

FAMOUS FOX FEDERATION

Stay orange, my friends.



POPULAR TOOLS





Stake Your Foxes

Earn \$FOXY by staking your Foxes. It's just that simple.

Foxes are staked for a minimum of *3 days*, with no maximum duration. Each staked Fox accumulates \$FOXY over time. Once claimed, you'll be able to use these utility tokens for upcoming mints, new generations of Foxes, and a whole slew of other features to come.

FFFs earn 100 \$FOXY a day while TFFs earn 25 \$FOXY.



Please connect your wallet.

You may need to refresh after connecting your wallet.



Citrus is now live! P2P lending platform Citrus is now live! P2P lending pla

FOXES

UTILITY

SFOXY

DENS

MERCH

CONNECT WALLET

Only on Solana!

FAMOUS FOX FEDERATION

Stay orange, my friends.





FOXY BOUTIQUE

WEN MERCH?!

Foxy Merchandise is now available!

Prices and payments will be in USDC.

Please note that while you will be required to enter your shipping particulars during the checkout, this information will be sent directly to the retailer handling the shipping. Famous Fox Federation will NEVER store your personal particulars.

Merch provided by **W3W**. Please contact support@w3w.ai for shipment related support.

WEN MERCH?!

Foxy Merchandise is now available!

Prices and payments will be in USDC.

Please note that while you will be required to enter your shipping particulars during the checkout, this information will be sent directly to the retailer handling the shipping. Famous Fox Federation will NEVER store your personal particulars.

Merch provided by **W3W**. Please contact support@w3w.ai for shipment related support.



NFT

NON-FUNGIBLE TOKEN

CRIMINAL ABUSE OF NFTS

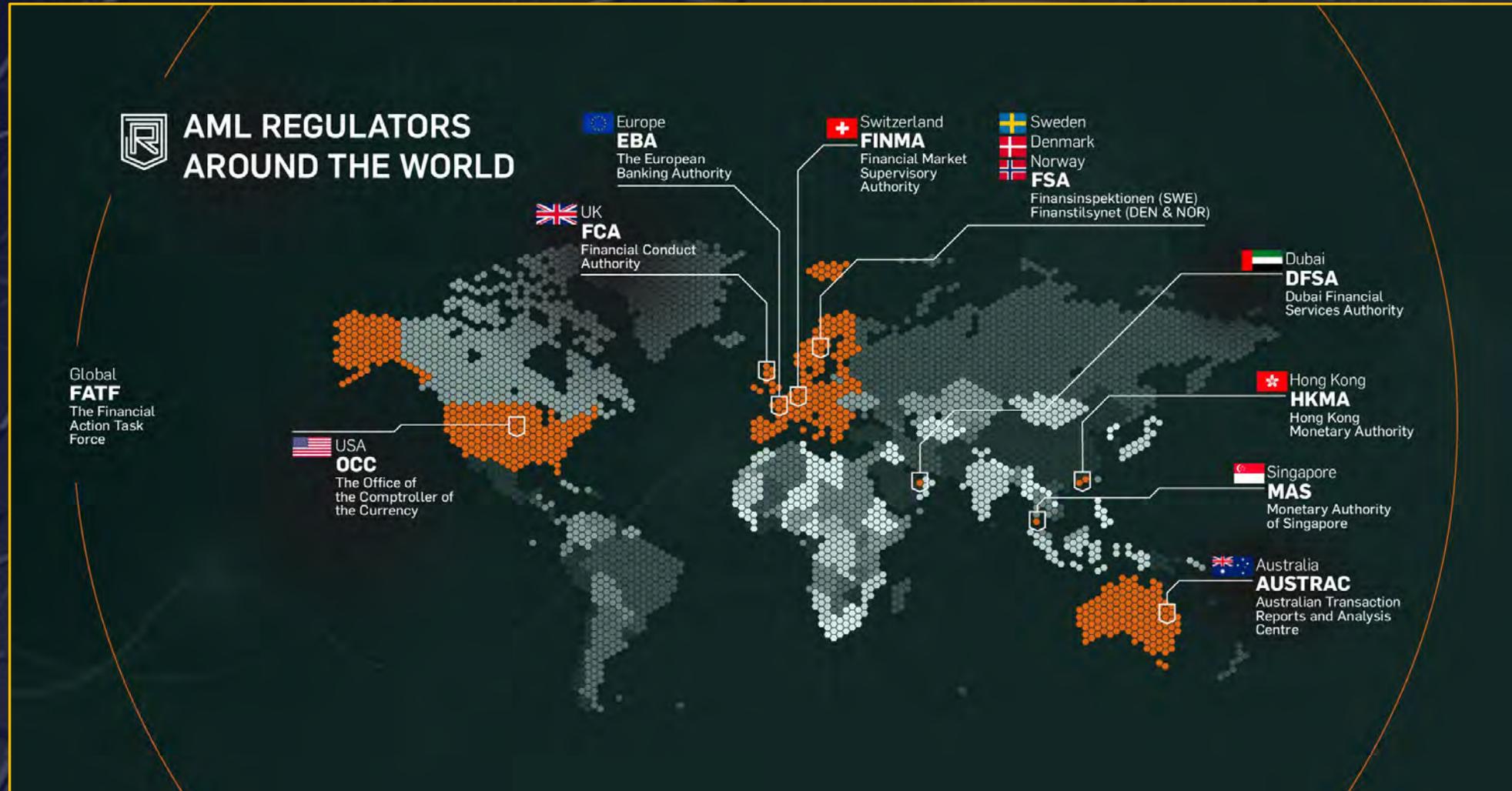


OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



VULNERABILITIES



NFTs are currently NOT bound by laws and regulations!

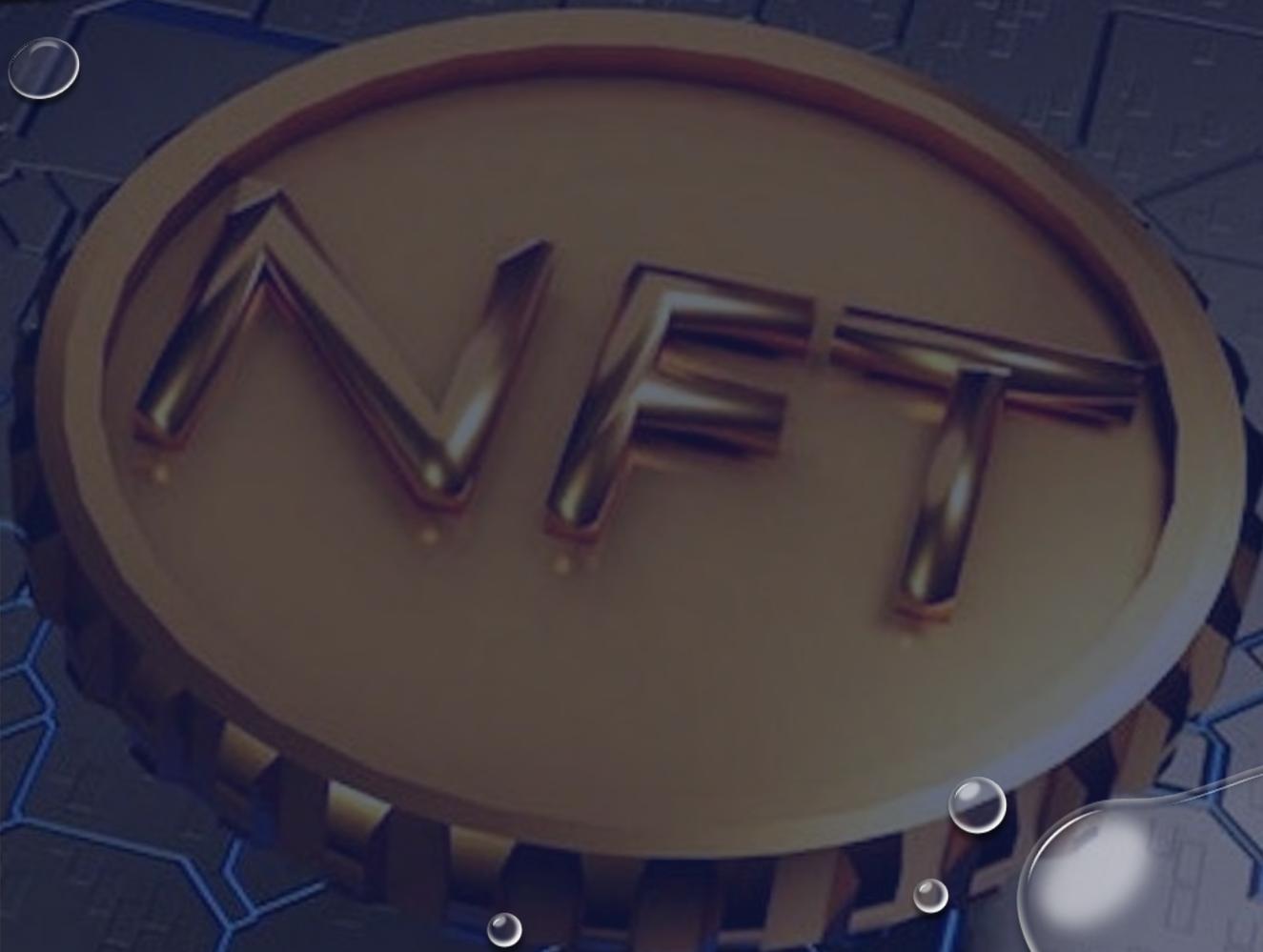
VULNERABILITIES

Many NFT platforms do not perform KYC/AML checks!



VULNERABILITIES

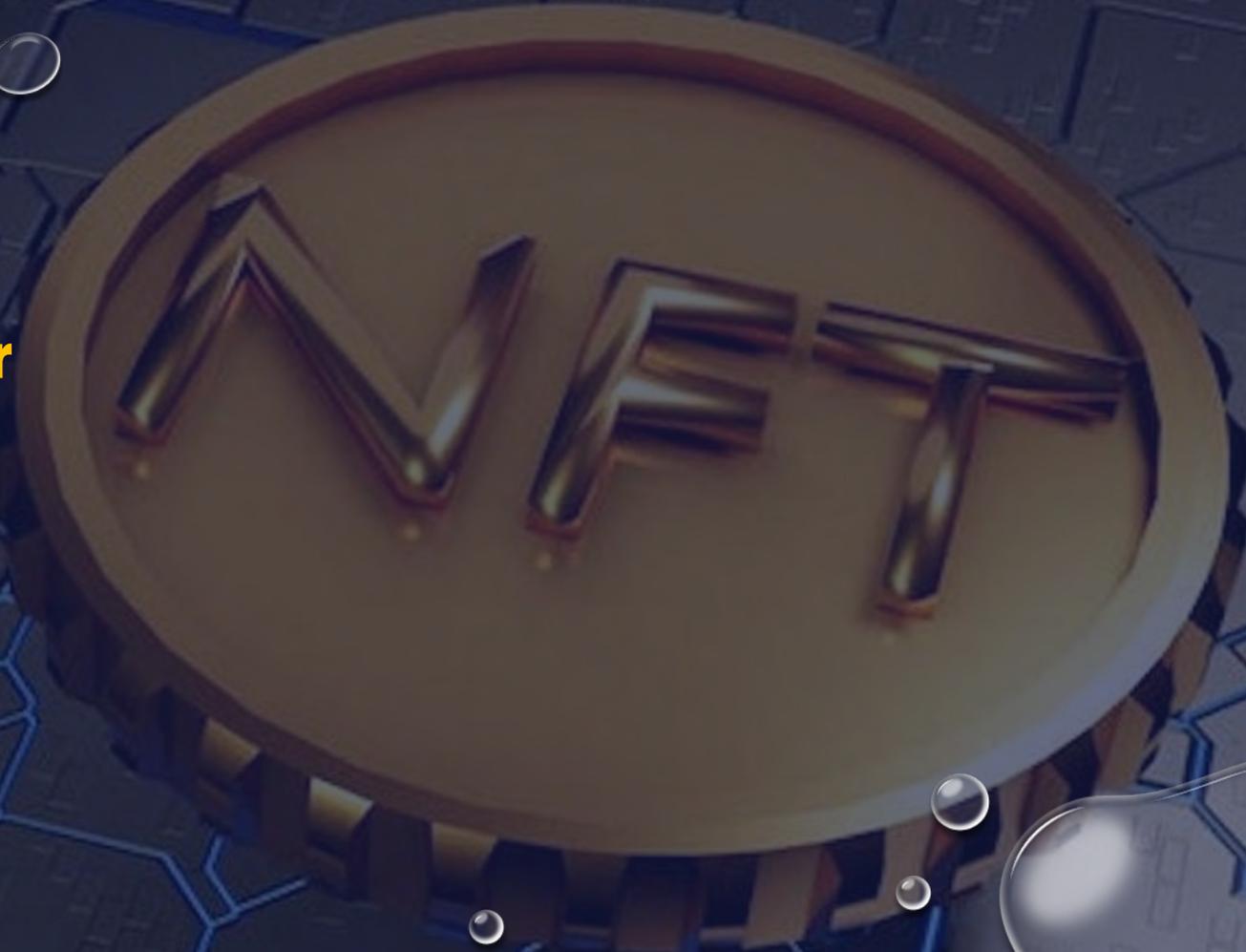
**Shifting large amounts
of money in a
borderless, partly
anonymous market!**



VULNERABILITIES

**The most expensive
NFTs are exchanged
between a small number
of wallets!**

**Ability to add/create
value to something
trivial!**





NFTs and Money Laundering



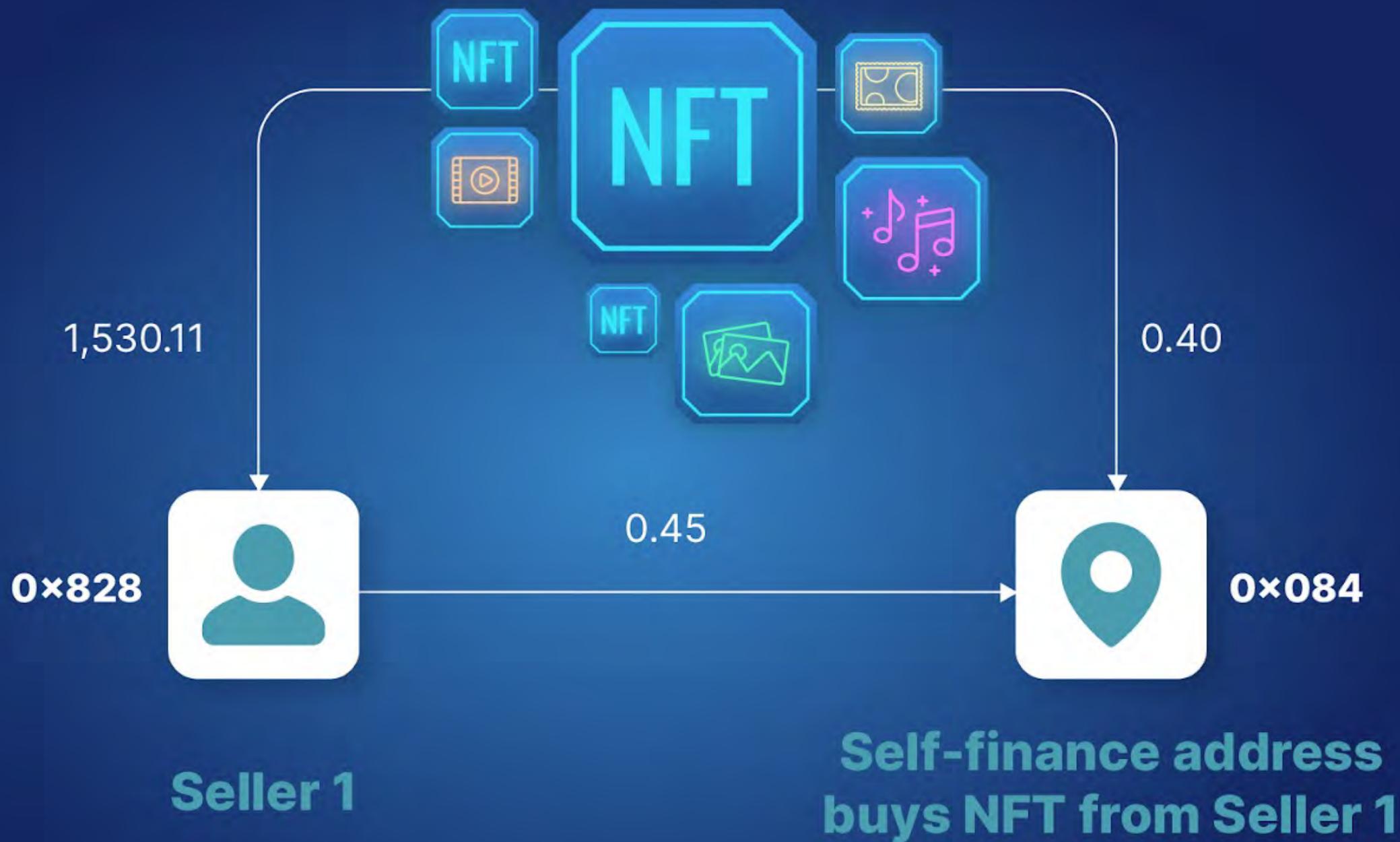
WASH TRADING

A wash trader would buy and sell their own NFT so that it will show inflated volume and interest and possibly a price increase. (The wash trader controls both the buy and sell prices so they can buy it at a higher price from themselves.) This behavior can be repeated over and over.

As a result, outsiders seeing this increased activity might consider buying the NFT at an inflated price. Once the NFT is sold to an outsider, the NFT creator pockets the difference.



NFT marketplace



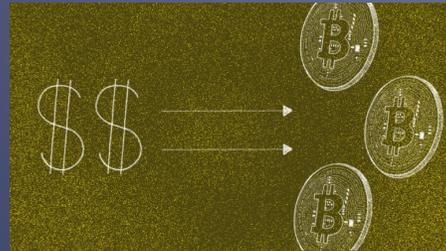
NOTHING HAS CHANGED



Dirty/illicit money



Convert into crypto



Buy a NFT (or create a NFT)



Artificially inflate prices by planted counterparty who buys at a higher price



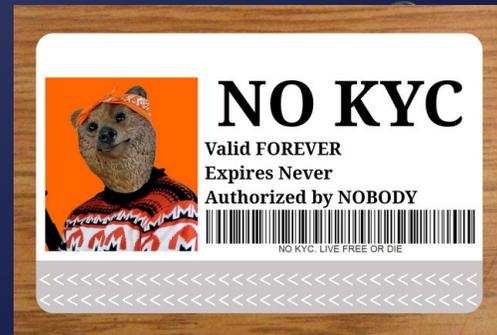
Create an account WITH KYC and a verified bank account



Buy your own NFT back!



Convert into fiat money



ONLINE GAMBLING



ONLINE GAMBLING

MONEY LAUNDERING

THROUGH VIDEO GAMES

<http://zed.run>

OWN CHAMPION RACEHORSES

Build your virtual stable of champions and use your skill to dominate on the racetrack against global competitors for big rewards.

PLAY NOW



MARKETPLACE VOLUME

\$158M+

RACES RUN

3.5M+

USD WON

\$60M+



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[Privacy Policy](#)

[Terms of Use](#)

← Back

Breeding 200

00:19:36

FEMALE

Hot Clementine

You have selected Hot Clementine, she is a beauty.



Nakamoto

Z1 Genesis

Filly

Hell Red



PERFORMANCE

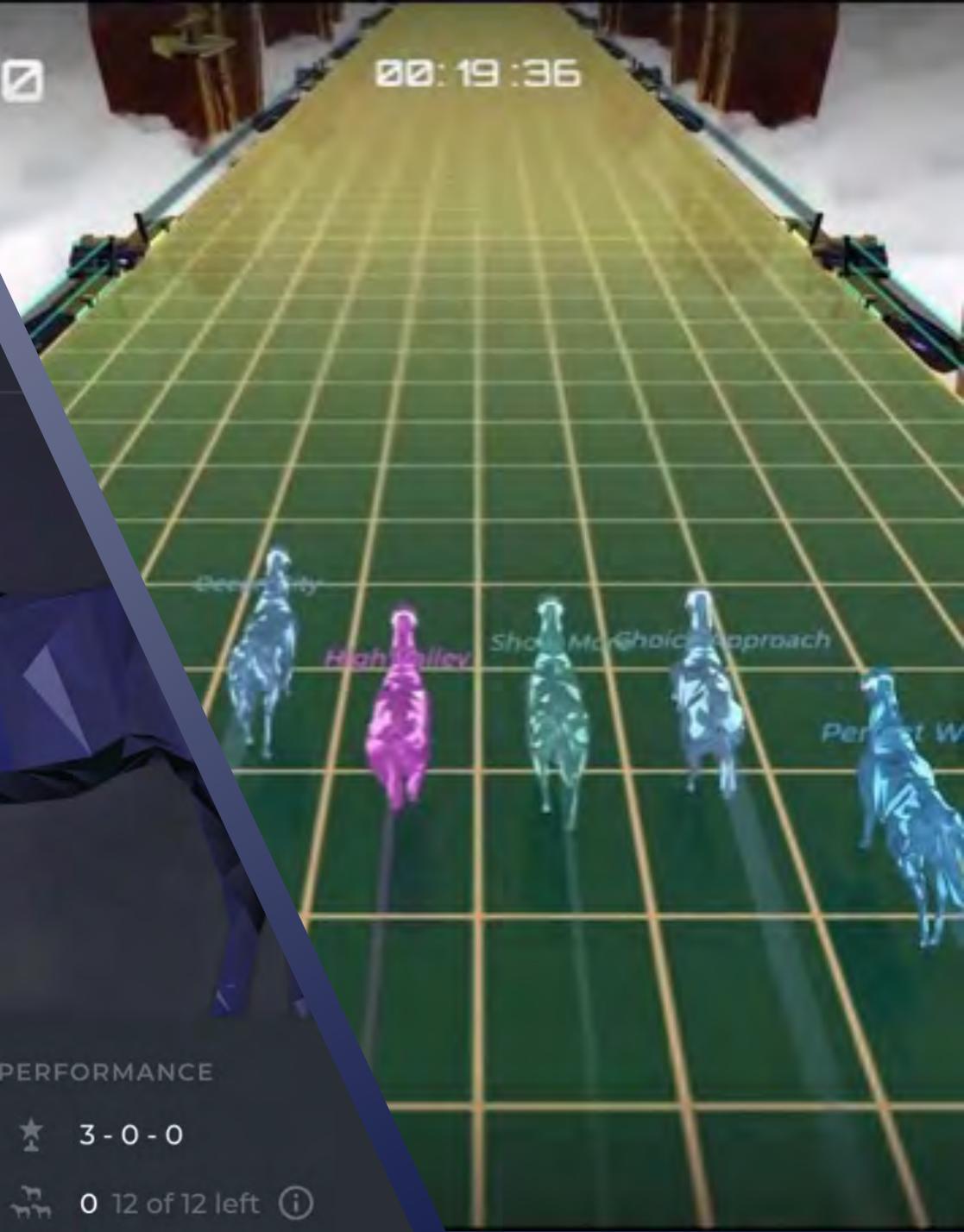
★ 3-0-0

0 1 of 12 left

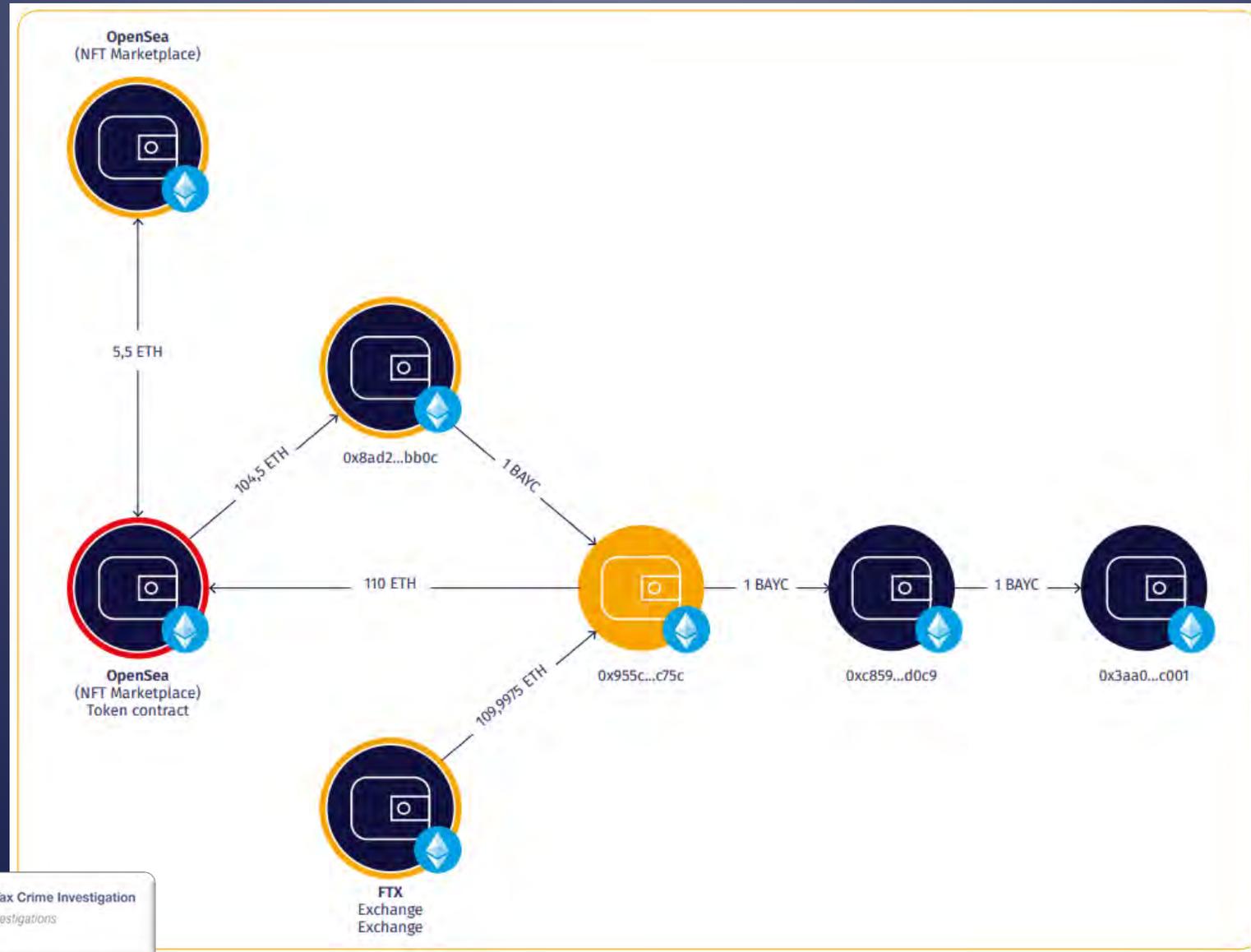
PERFORMANCE

★ 3-0-0

0 12 of 12 left



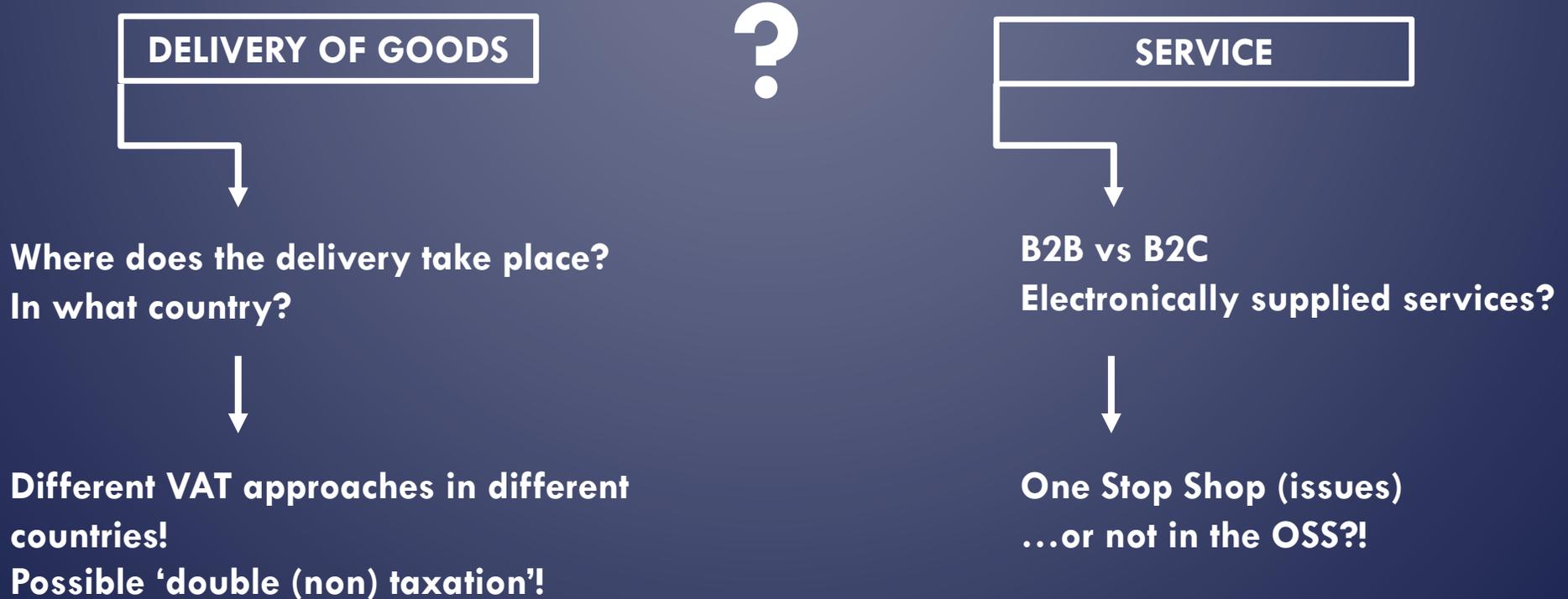
WHAT DOES A NFT TRANSACTION LOOK LIKE?



NFTS AND VAT CHALLENGES



1) WHAT ARE WE TALKING ABOUT?



NFTS AND VAT CHALLENGES



1bis) WHAT ARE WE TALKING ABOUT?

A transfer of physical property/ownership?

- Full ownership?
- Partial ownership?

A license to use something (gaming)?

A license to access something (music)?

Royalties (music/artwork)?

Copyrights (music/artwork)?

Different VAT
treatment?!
Different VAT rates?!

What if the link between the NFT and the asset
is broken?!

NFTS AND VAT CHALLENGES



2) TAXABLE AMOUNT?

- NFTs mostly sold by bidding.
- Ability to add/create value to something trivial!

Arm's length principle?
Fraud-prone?

3) VAT RATES?

A transfer of physical property/ownership?

A license to use something (gaming)?

A license to access something (music)?

Royalties (music/artwork)?

Copyrights (music/artwork)?

Different VAT rates in different countries?!

Danger of taxshopping!





ARE YOU
READY FOR IT

**THERE
MAY BE
TROUBLE
AHEAD.**

MT(IC) FRAUD VIA NFT'S



Belgian company
buys an NFT from...

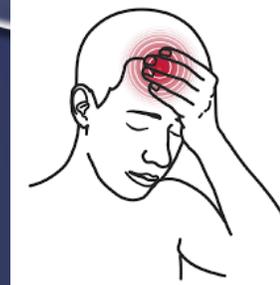


...with the reverse
charge mechanism!

Selling the NFTs on the
local market
...with Belgian VAT!



NFTS AND ENFORCEMENT CHALLENGES



NFT marketplaces/platforms:

- Important source of information
- 269 platforms, 2.460.000 wallets, 10.275.000.000 \$, 231.000.000.000 \$
- Even in colder prevailing market conditions, still high trading volume?!
- Where to go to? (USA, HK, ?, ...)
- GDPR?
- Legal powers of tax administrations/law enforcement?

NFTs & follow the money:

- Payment methods (debit/credit card, Paypal, crypto's)
- Payment via cryptocards, the investigators nightmare?! (eg advcash.gi)
- Responsibility/accountability of the platforms/marketplaces!?

NAME	NFTS	BLOCKCHAIN	CATEGORIES	COMMISSION	PAYMENT METHODS		ACTIVE SINCE
					CREDIT CARD	PAYPAL	
OpenSea	399	ETH, MATIC, KLAY	Utility, Collectibles, Trading Cards, Art, Domains, Virtual Worlds, Sports, Gaming Assets	2.50%	✗	✗	2018
GhostMarket	10	SOUL, NEO, BSC, MATIC, AVAX, ETH	Art	2.00%	✓	✗	2020
Crypto.com NFT Platform	9	CRO	Collectibles	0.00%	✓	✗	2021
HoDooicom NFT Marketplace	5	BSC	Art, Collectibles	15.00%	✗	✗	2021
BMall	10	ETH, MATIC, KLAY		1.00%	✗	✗	2022
Waxstash Marketplace	10	WAX	Trading Cards, Collectibles	?	✗	✗	2020
Blockparty Marketplace	10	ETH	Art	?	✓	✗	2020
World of Ether Marketplace	5	ETH	Trading Cards, Collectibles, Gaming Assets	?	✗	✗	2018
MLB Champions Marketplace	1	ETH	Sports, Gaming Assets	?	✗	✗	2018
Enjin Marketplace	21	ETH	Trading Cards, Art, Virtual Worlds, Utility, Domains, Gaming Assets	?	✗	✗	2019
SuperRare	10	ETH	Art	15.00%	✗	✗	2018
Sorare Marketplace	1	ETH	Sports, Trading Cards, Gaming Assets	0.00%	✓	✗	2018

Mission impossible? No information, no taxation (investigation)!

LET'S BREAK
OUT!



A horizontal banner with a white background. On the left side, there is a small image of a wooden gavel resting on a surface. To the right of the image, the text "OECD International Academy for Tax Crime Investigation" is written in a dark blue font. Below this, the phrase "Conducting Financial Investigations" is written in a smaller, italicized dark blue font. On the far right of the banner is the OECD logo, which consists of a stylized globe icon followed by the letters "OECD" in a bold, dark blue font.

Try to launder the money using NFT's!

Group 1 & 2: You have got 2.100 ETH (ethereum) on a wallet with KYC linked to your name.

Group 3 & 4: You have got 2.100 ETH (ethereum) on a wallet that belongs to you company.





READY FOR METAVERSE

JOIN THE NEW ERA



METAVVERSE



'The Metaverse' usually refers to a virtual world in which people can come into contact with each other online. It is a network of virtual 3D spaces in which users can perform all kinds of activities via an avatar, a digital doppelganger.



BUSINESS



NFT



BITCOIN



BLOCKCHAIN

7629.87

6357.85

7529.00

METAVVERSE



OCCUPATION



ENTERTAINMENT



FINANCE



GAMES



CRYPTOCURRENCY



MONEY



EDUCATION



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations





Which companies are active in the Metaverse?





The banks are also exploring the Metaverse: JP Morgan opens a lounge in Decentraland.



Ariana Grande
gives a music
concert in the
Metaverse of the
video game
Fortnite!

27,7 million viewers
> 20 million USD revenues

Advertising and Marketing

In the context of advertising and marketing, the metaverse can be defined as an enduring, 3D and virtual space where users can spend their time and be targeted with branded content and sales promotion tactics. The closest analogy these days would be social media, where users log in, interact with their friends, family, and peer network — and in the course of these interactions, they come across brands, ads, sponsored content, and calls for conversion. Over time, social media has evolved with direct-to-customer stores where you can pay for products online and have them shipped to your address. Likewise, the metaverse may have 3D "stores" where you can not only watch ads, but also try out products and make purchasing decisions.



LAW ENFORCEMENT AND THE METAVERSE

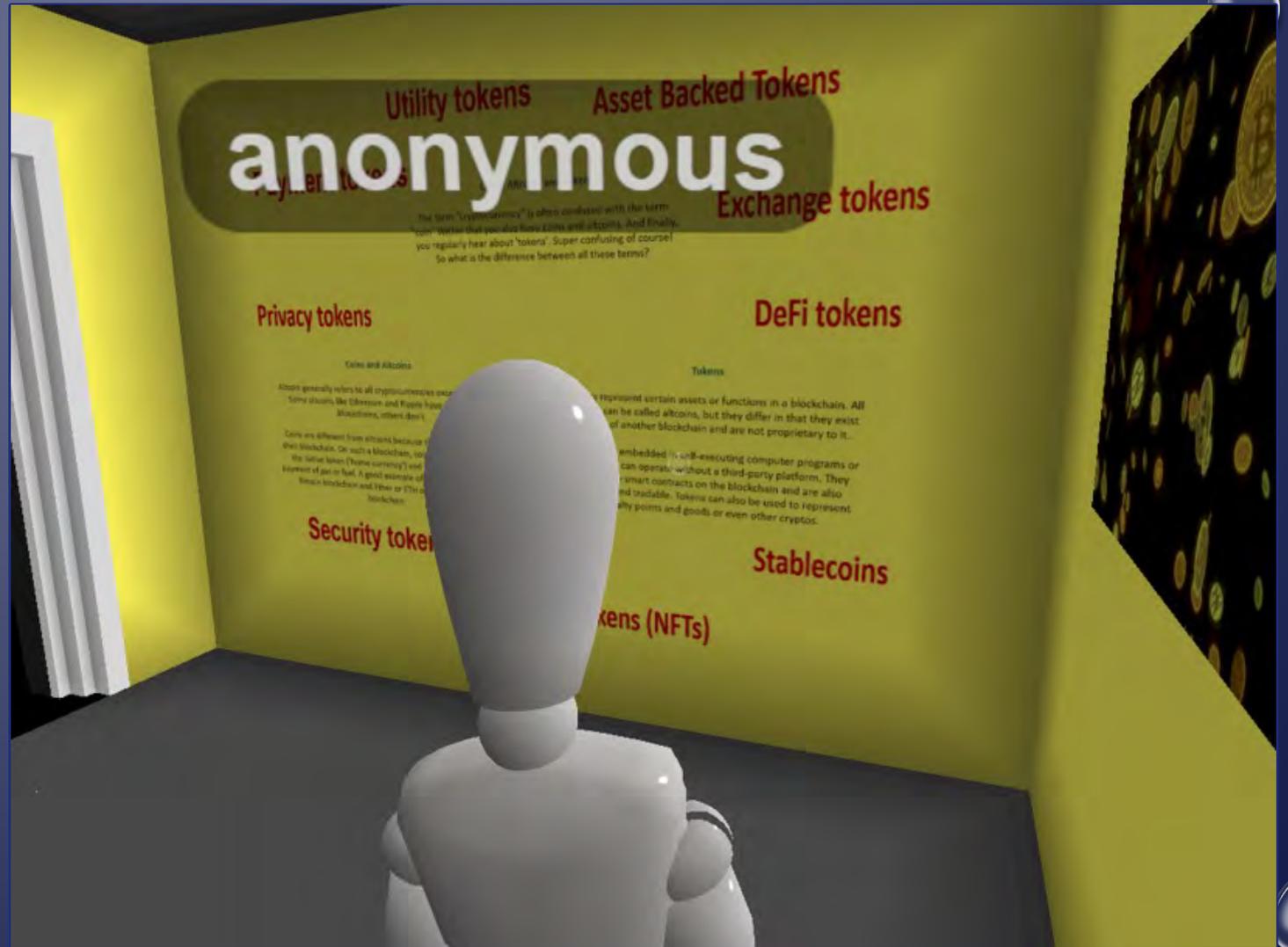


ENLETS TIG event
15th - 17th February 2023
Athens, Greece



ENLETS Secretariat
Polish Platform for Homeland
Security (PPHS)
Slowackiego 17/11 Street
60-822 Poznań | Poland

LAW ENFORCEMENT AND THE METAVERSE



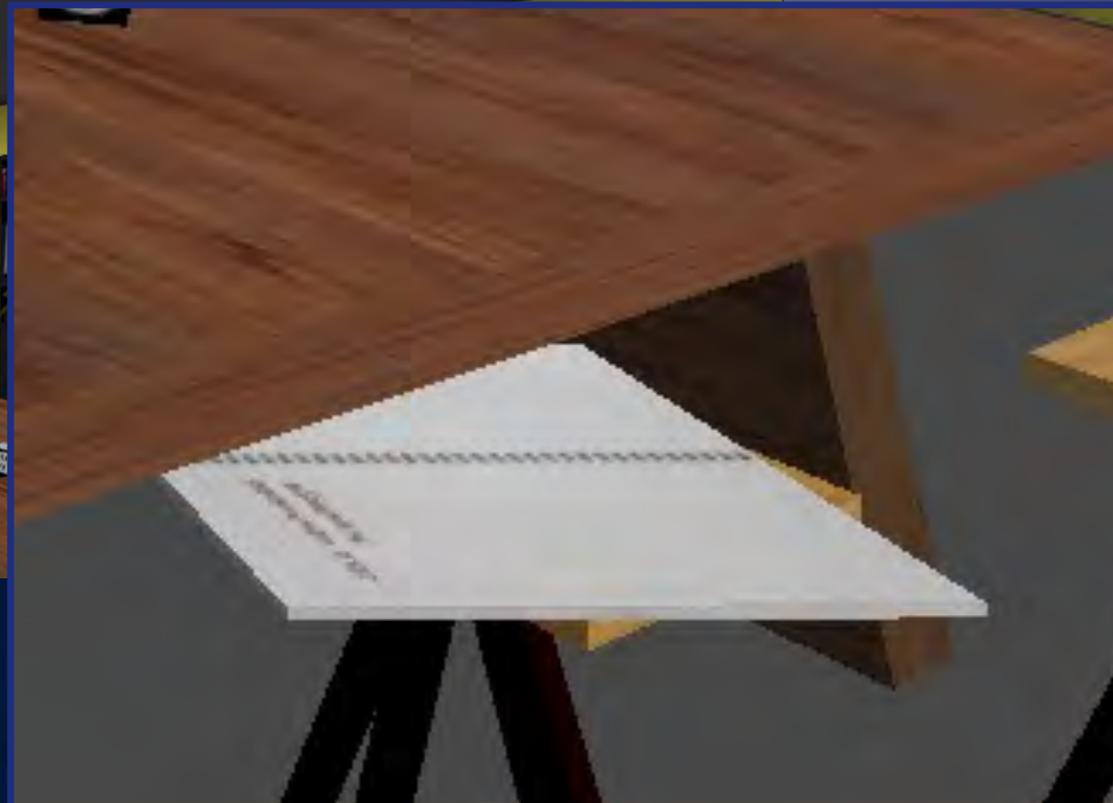
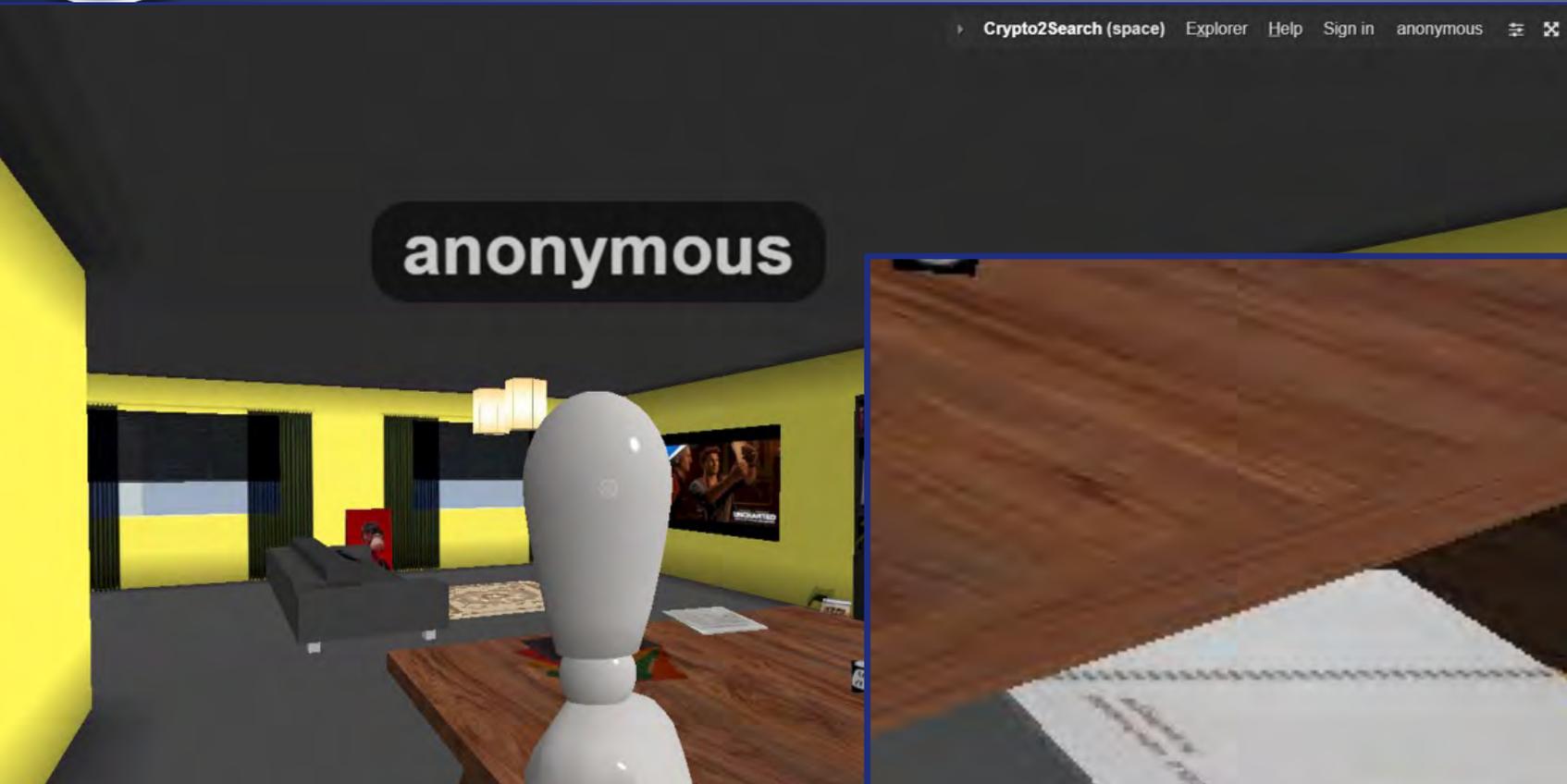
ENLETS Secretariat
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OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations



LAW ENFORCEMENT AND THE METAVERSE



ENLETS Secretariat
Polish Platform for Homeland
Security (PPHS)
Slowackiego 17/11 Street
60-822 Poznań | Poland

METaverse READINESS

Metaverse Style JP > English > Trend > Netherlands, Switzerland and Lithuania the world's most 'metaverse-ready' nations

Netherlands, Switzerland and Lithuania the world's most 'metaverse-ready' nations

Metaverse Style Japan 編集部 2022/11/28



KEY: 📶 Median fixed broadband speed (Mbps) 🏠 Average monthly broadband package
👤 Blockchain financial services startups per million people 🏢 High-technology exports per capita
🔍 Annual Metaverse Google searches per million people 📊 **Metaverse readiness score /10**

Country	📶	🏠	👤	🏢	🔍	📊
Netherlands	106.51	\$46.17	14.8	\$5,770	24,137	7.74
Switzerland	122.76	\$63.73	36.9	\$4,391	30,238	7.61
Lithuania	87.21	\$11.13	17.2	\$1,111	10,625	7.39
Malta	87.36	\$36.19	-	\$1,532	30,936	7.31
France	105.23	\$28.92	4.0	\$1,445	26,559	6.96
Sweden	98.45	\$35.41	5.9	\$1,821	22,504	6.82
United Kingdom	66.22	\$39.01	23.8	\$991	21,991	6.77
Denmark	156.06	\$48.95	7.0	\$2,110	17,416	6.74
Luxembourg	93.22	\$55.44	34.4	\$1,262	28,807	6.45
Canada	111.76	\$68.26	14.3	\$760	29,585	6.45
Republic of Ireland	70.49	\$55.62	13.7	\$8,450	21,021	6.42
United States	167.36	\$55.00	11.9	\$510	21,719	6.32
Romania	123.31	\$9.00	2.7	\$420	12,446	6.32
Germany	75.09	\$27.81	3.3	\$2,523	16,305	6.30
Cyprus	33.44	\$44.89	42.8	\$72	34,082	6.24
Finland	92.12	\$36.13	10.1	\$991	13,967	6.13
Latvia	61.62	\$18.08	-	\$1,032	9,075	6.13
New Zealand	133.44	\$59.33	14.1	\$219	21,844	6.07
Czech Republic	48.15	\$22.74	6.1	\$3,858	8,883	6.05
Austria	62.74	\$44.99	6.6	\$2,376	19,696	6.03
Hungary	101.08	\$15.06	1.6	\$2,026	6,055	5.95
Slovakia	51.89	\$16.69	5.1	\$1,546	7,250	5.89
Slovenia	69.64	\$45.61	12.3	\$1,241	14,115	5.82
Belgium	83.63	\$55.76	4.1	\$4,507	21,816	5.76



EUROPOL

INNOVATION LAB

LAW ENFORCEMENT AND THE METAVERSE

IDENTITY THEFT

As the virtual representation of users in the metaverse becomes more realistic and permanent, this provides opportunities to convincingly copy user appearance (so called deepfakes).

With more advanced ways to interact with the system by using different sensors, eye tracking, face tracking and haptics for instance, there will be far more detailed biometric information about individual users. That information will allow criminals to even more convincingly impersonate and steal someone's identity. Moreover, this information may be used to manipulate users in a far more nuanced, but far more effective way than is possible at present on the internet

AI can be used to process what you are looking at, how you feel, or how you interact with people, and can this be used to influence people, This is, of course, an issue on the internet in general already, but metaverse applications, because of the significant increase in the amount of valuable biometric information it can gather, will present vastly more problems in this regard.



LAW ENFORCEMENT AND THE METaverse

IDENTITY THEFT

A person's identity is defined by more than the appearance or avatar the user has. A user generates data through interactions with the platform. That data may become so detailed it may feel like a very accurate representation of the user's identity.

Criminals have already been selling digital fingerprints on the dark web, which imitates the user's device's characteristics and behaviour

This makes a very strong identification, or know your customer (KYC), procedure very important for metaverse platforms, in order to prevent identity theft and provide trust between users, as well as provide law enforcement with the means to investigate crimes committed on the platform.

The question will be how the platforms handle this kind of data, in what ways is it processed and stored, and what safeguards are implemented to prevent the harvesting of this information by third parties. It will remain to be seen how well the implementation of these platforms conform to the GDPR.

Criminals may also impersonate brands as well as people.



LAW ENFORCEMENT AND THE METAVERSE

HARASSEMENT AND (CHILD) ABUSE AND EXPLOITATION

Harassment on the internet is already a significant issue, with as many as 58% of girls in an international 2020 Plan International survey having experienced online harassment.

In 2007, one avatar in Second Life allegedly raped another. A number of internet users initially dismissed the attack as nothing more than digital fiction, but police in Belgium opened an investigation.

Within 90 seconds after joining Meta's venues girls are being sexual harassed.

TERRORISM

With more immersive technology and related generated data at their disposal, terrorists can more easily select and target vulnerable people and tailor their messages to their biases. They can effectively target their propaganda and recruit people.



LAW ENFORCEMENT AND THE METaverse

TERRORISM

As an increasingly accurate and complete digital twin of reality becomes available, this may provide real-time information on planned targets.

The metaverse may allow users to create a virtual world as they envision the world should be, enabling them to create a virtual Caliphate or white supremacist state for example.

For context, Nazi gas chambers have already been reported in Roblox.

AND SO ON...



EURSCAPOL



INTERPOL



INTERPOL

METaverse

A LAW ENFORCEMENT PERSPECTIVE

Use Cases, Crime, Forensics, Investigation, and Governance



OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations

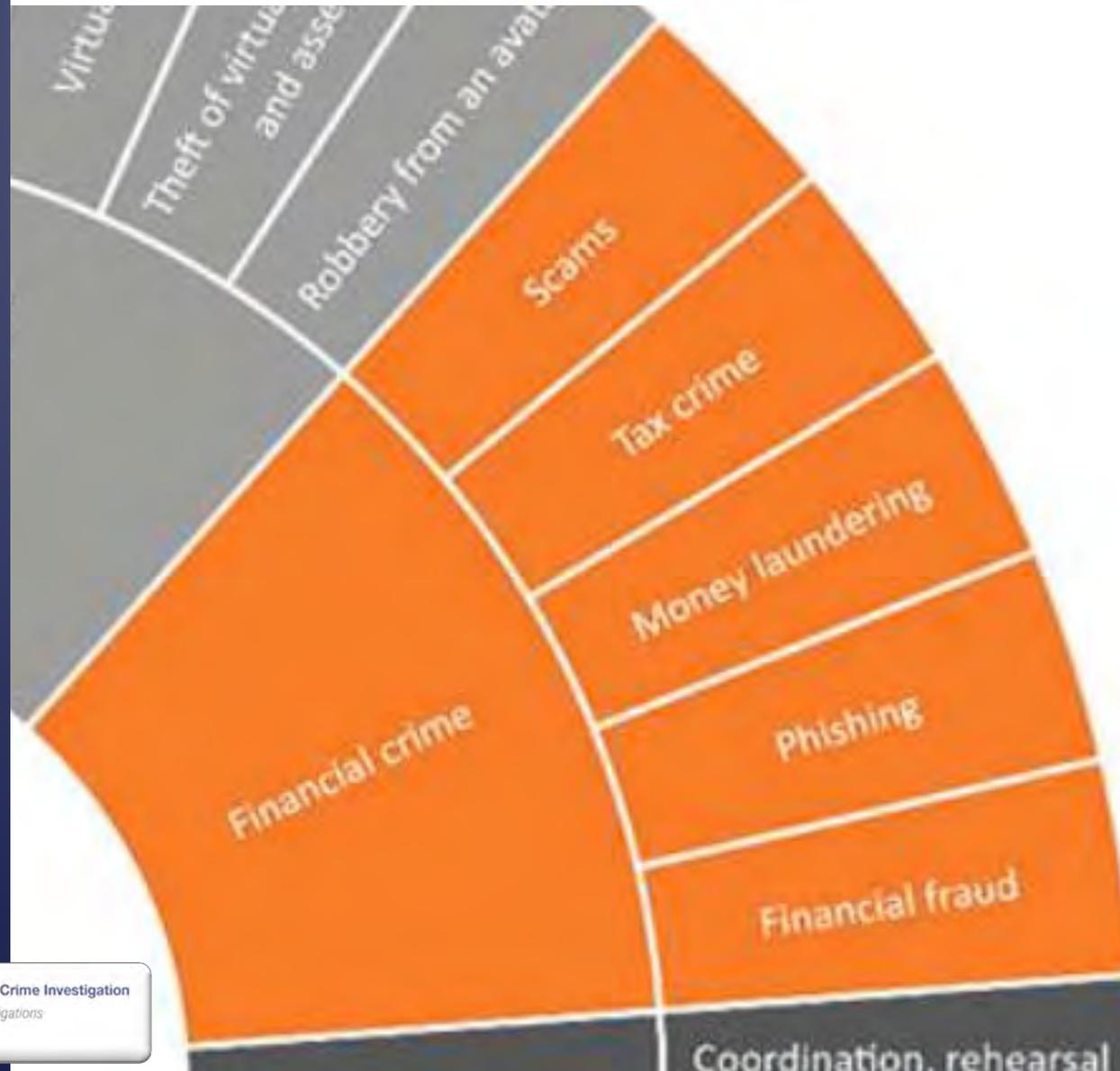


Typology of crimes in the Metaverse.



INTERPOL

Crimes in the Metaverse



Typology of crimes in the Metaverse.



INTERPOL

Financial fraud

Various financial fraud can be committed through hacking, social engineering, virtual identity theft, etc.

Money laundering

Criminals may buy digital assets such as NFTs or virtual currencies with proceeds of crime and sell them for clean assets, restricting the capacity to trace the money's origin source.

Tax crime

Criminals may establish unclear ownership structures on digital assets to obscure their illegal activities and evade financial trace and taxes.



Introducing DopeWarz

Combining the entertaining and addictive nature of *being a gangster for a day*, with the ability to earn real world tradeable assets, DopeWarz plans to become a metaverse with an in-game virtual economy mimicing the supply and demand models in cities around the world.

Play 2 Earn

The in game economy will allow players to earn \$DDZ (DirtyDollarz) for drug trades and convert player's time investment into upgrades to player's DOPEZ & DOZ which will be tradeable on our Black Market as NFT's on the Binance Smart Chain. Launder \$DDZ into our governance and utility token \$DWZ and use it to further upgrade gameplay or even buy BLOCKZ to earn passive income and influence the government.

Gameplay

The game will focus on the virtual economy. The Company are developing mechanics to effectively create dynamic supply and demand models for the in game Drugz. Dopez will be able to make trades, evade Police, and travel to other Cityz to make more deals.





HIGHER LIFE CBD DISPENSARY

Welcome to the Future of Ecommerce

Higher Life CBD welcomes you to the world's first dispensaries on the Ethereum blockchain. Our metaverse dispensary offers you an immersive, gamified shopping experience, all within the virtual realm.

We offer everyone a unique opportunity to access 100% organic, all-natural, and high-quality CBD products anywhere in the United States. Our virtual dispensary is designed to create an enjoyable shopping experience where you can browse through our collection, purchase CBD products online, and physically receive your order right at your doorstep.

By breaking geographic barriers, Higher Life CBD has been featured in Forbes, The Wall Street Journal, High Times Magazines, Fox, USA Today, LA Weekly, Herb, Benzinga, and Yahoo Finance.

[ENTER THE METAVERSE](#)



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Japan in the Metaverse.



OECD International Academy for Tax Crime Investigation
Conducting Financial Investigations



Japan in the Metaverse.



Manchester City head to the metaverse with Sony partnership

Collaboration to explore latest technologies to develop new digital fan experiences.



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Japan in the Metaverse.



Toyota and Nissan Step Into the Metaverse as per the Reports

Japan in the Metaverse.



June 28, 2022

SoftBank Corp. Sets Up Virtual Shop in ZEPETO, Asia's Largest Metaverse Platform



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Conducting Financial Literacy Education



Hyper realistic Metaverse.

<https://www.youtube.com/watch?v=MVYrJJNdrEg>



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LET'S BREAK
OUT!



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Group 1 & 2: During a house search you find a hardware crypto wallet. What are the steps you are going to take? What are the problems you expect to have, if any.

Group 3 & 4: During a house search you find a crypto wallet on your target's phone. What are you the steps you are going to take? What are the problems you expect to have, if any.



Asset Recovery

COURT HEARING

led to notify _____, to the Sheriff of _____
ing in the case of _____ Court No. _____ COUNTY
, 20 _____ County



CONSIDERATIONS PRIOR TO SCENE ATTENDANCE



- **WHAT INTELLIGENCE HAS BEEN RECEIVED INDICATING THE SUSPECTS INVOLVEMENT IN POSSESSION/USE OF CRYPTOCURRENCY?**
- **HOW IS CRYPTOCURRENCY USED IN THE CRIMINAL ACTIVITY IDENTIFIED? WHAT POTENTIAL INSIGHTS DOES THIS PROVIDE ON HOW CRYPTOCURRENCY WILL BE STORED BY THE SUSPECT?**
- **WHAT SECURITY MEASURES MAY THE SUSPECT HAVE PUT IN PLACE? WHAT OPPORTUNITIES ARE THERE TO OVERCOME THESE?**
- **HOW WILL WE AIM TO IDENTIFY CRYPTOCURRENCY ASSETS HELD BY THE SUSPECT?**
 - E.G. COMPUTER EXAMINATIONS, MOBILE PHONE SEIZURE, SEARCHES FOR RECOVERY SEEDS AND HARDWARE WALLETS**
- **WHAT TOOLS AND PROCESSES WILL BE USED TO CONFIRM WHAT ASSETS ARE HELD BY THE SUSPECT?**
 - E.G. SEARCHES OF ADDRESSES ON WEBSITES, USING RECOVERY SEEDS, OPENING WALLET SOFTWARE ON DEVICES.**
- **WHAT EQUIPMENT IS NEEDED TO SUCCESSFULLY COMPLETE A SEIZURE IN THE CIRCUMSTANCES?**
- **CAN WE GUARANTEE ACCESS TO THE INTERNET?**



Seizure at scene of physical entity containing keys to cryptocurrency assets.

1. Seize the medium containing the private key/recovery seed. This can be paper wallets, hardware wallets, written records of recovery seeds etc.

2. Seize the passwords/codes related to wallets. Consider any 2FA devices which might be required

3. If any public keys/asset addresses are visible check for values on a block explorer. Record these and any transaction history displayed.

4. When placing passwords/codes, paper wallets and private keys/recovery seeds in exhibit bags ensure they have been placed in an envelope first. This envelope should be sealed at this point.

5. Exhibits should be brought to a safe place such as a virtual currency safe at a secure location as soon as possible.

Inform Financial Investigators of seizure

VIRTUAL CURRENCY SEIZURE



HM Revenue
& Customs

POINTS TO CONSIDER



It will not always be necessary or advantageous to seize the cryptocurrency asset. It might be of such limited value that it does not seem appropriate to seize. Alternatively we may feel other actions we have taken has sufficiently secured the asset. This is a discretionary decision for the individual completing the process. However it is important on each occasion to provide a clear policy log detailed the rationale for decisions made.

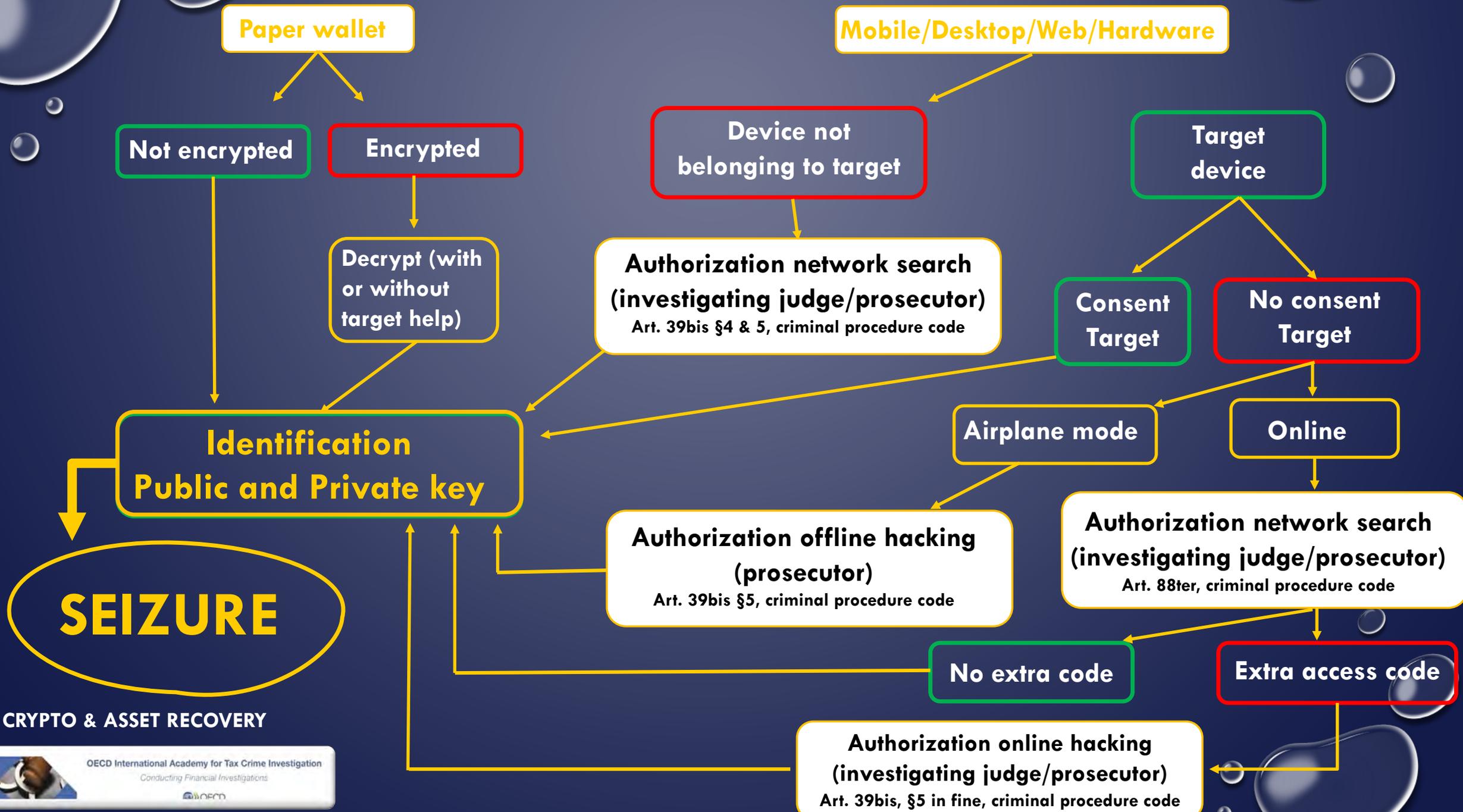
It is necessary on ever occasion to fully record the transaction history, addresses linked to the wallet and amount of cryptocurrency remaining. The matter can then be discussed with FI's at a later point to identify if there are any proceeds of crime opportunities over historic values or holdings of the asset etc.

Some wallet applications may have different transaction histories, transparent and shielded. Always check for this. It's possible that hardware wallets will have hidden accounts on them. These usually have a 25 word recovery seed. Check the scene for anything of this nature to help identify this.

POINTS TO CONSIDER



- **PLANNING AN INVESTIGATION STRATEGY IS AN IMPORTANT PART OF EFFECTIVELY INVESTIGATING SUCH OFFENCES. AS THE SAYING GOES FAIL TO PREPARE, PREPARE TO FAIL!**
- **THIS EXERCISE SHOWS HOW BLOCKCHAIN ANALYSIS IS NOT A SIMPLE SUBJECT. THERE IS A LOT OF NUANCE AND IT IS NOT A QUICK ENQUIRY. THIS IS WHY IT IS IMPORTANT TO HAVE A PROCESS THAT ALLOWS YOU TO REVISIT INFORMATION AND SPEND TIME ANALYSING IT. THE INVESTIGATION STRATEGY ALSO NEEDS TO RECOGNISE THIS AND SEEK TO EXPLORE EVERY OPTION AVAILABLE TO PROGRESS THE CASE.**
- **IT ALSO SHOWS HOW QUICKLY YOU COULD GET LOST AS ANALYSING OVER 4,000 TRANSACTIONS IS NOT EASY! THIS IS WHY PARAMETERS ARE IMPORTANT. ALSO IDENTIFYING TECHNOLOGY WHICH CAN HELP WITH ANALYSIS IS KEY TO GETTING THE BEST EVIDENCE OUT OF SUCH ENQUIRIES.**
- **THERE ARE POSITIVES IN COMPLETING BLOCKCHAIN ANALYSIS IF IT CAN BE MANAGED EFFECTIVELY. IT CAN HELP WITH IDENTIFYING SIGNIFICANT EVIDENCE FOR MONEY LAUNDERING INVESTIGATIONS. WE CAN TELL HOW MUCH HAS GONE TO AN ACCOUNT, HOW REGULAR ACTIVITY HAS BEEN, WE CAN USE DATES/TIMES TO COMPARE AGAINST OTHER RELEVANT INFORMATION E.G. TIMES OF OFFENCE OR BANK STATEMENTS.**



CRYPTO & ASSET RECOVERY

Central Agency for Seizure and Confiscation

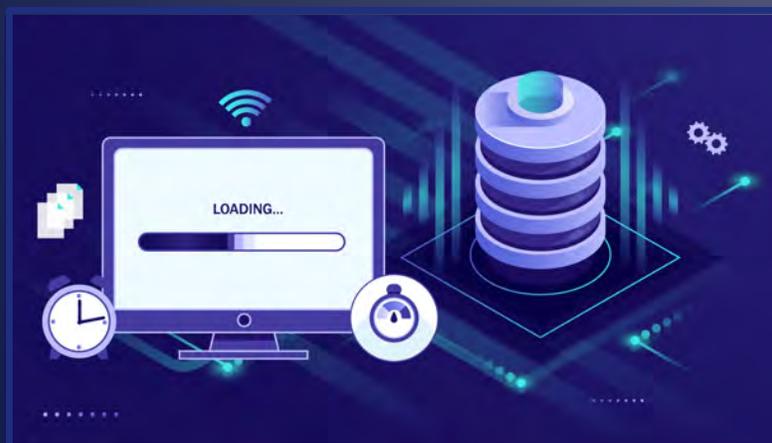


Speed is of the essence!

If the suspect or third parties have a copy of the private key, they can quickly transfer the crypto.

When using a crypto platform: freeze funds so that the suspect can no longer carry out a transfer.

The seizure completed only after mandatory transfer of the crypto by the police to the public address of Central Agency for Seizure and Confiscation!





Thank u