

# CRYPTO ASSETS

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INDIA

OCTOBER 22TH 2024





Financial investigations?



**IT'S ALL ABOUT THE MONEY!**

**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



# Criminal Funds Flow



**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 distrubuted ledger technology, typically a blockchain, that serves as a public financial transaction database.

# What...is a Cryptocurrency?



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

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	311 209 165.00 USD	

July 19th 2023



CRYPTOCURRENCY  
RATES LIVE

<https://coinmarketcap.com/>





# 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. <a href="#">1LmYcTgoxYCBN9iVjXtuJkUMMww3ZKTJdf</a> 0.00252617 BTC <a href="#">prev. tx</a>	0. <a href="#">16KnJRPXbNu3aJraaMMX274k2VYGPoMDS</a> (change address) 0.00039096 BTC unspent		
1. <a href="#">16KnJRPXbNu3aJraaMMX274k2VYGPoMDS</a> 0.00040271 BTC <a href="#">prev. tx</a>	1. <a href="#">3BZWU6A4mK6neCte3U9qspmy6ZKJ5YHLrA</a>  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

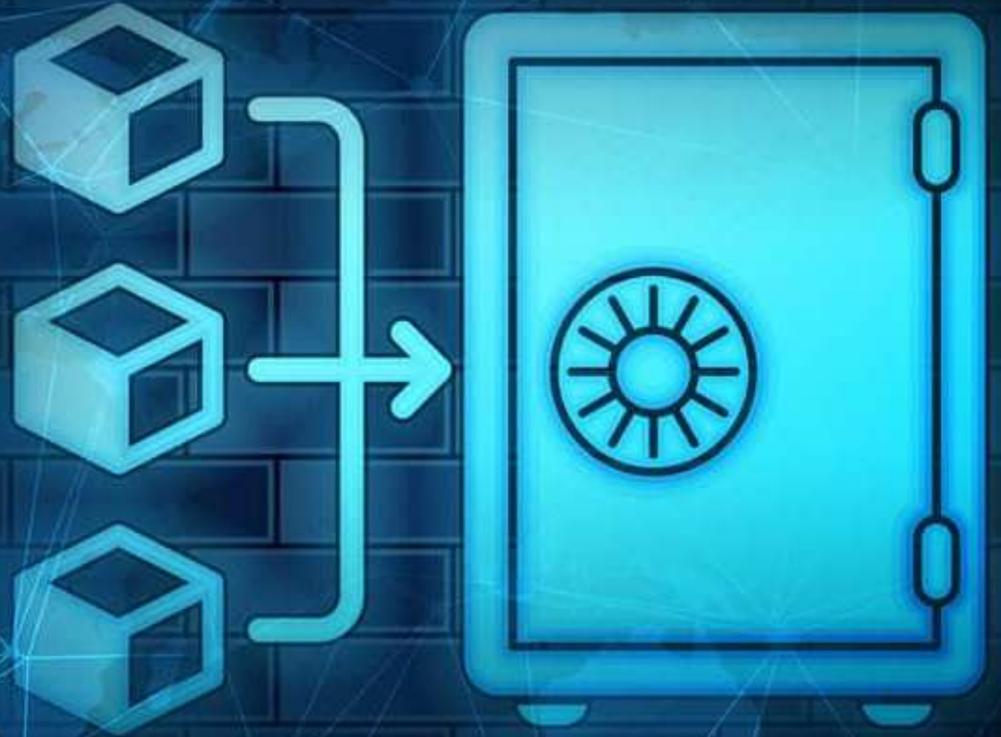


# MINING

- The 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 th 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 STAKE



# 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

# 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
	<b>SHARE</b>	
17rD8fygKughV6jUWBPZDJQmiwvJQAkqoN		KwPnCP6TTN9czFWah6SagGRLXeMoMoPCWNEiMzZdXdq8UqJRkZbb

# 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

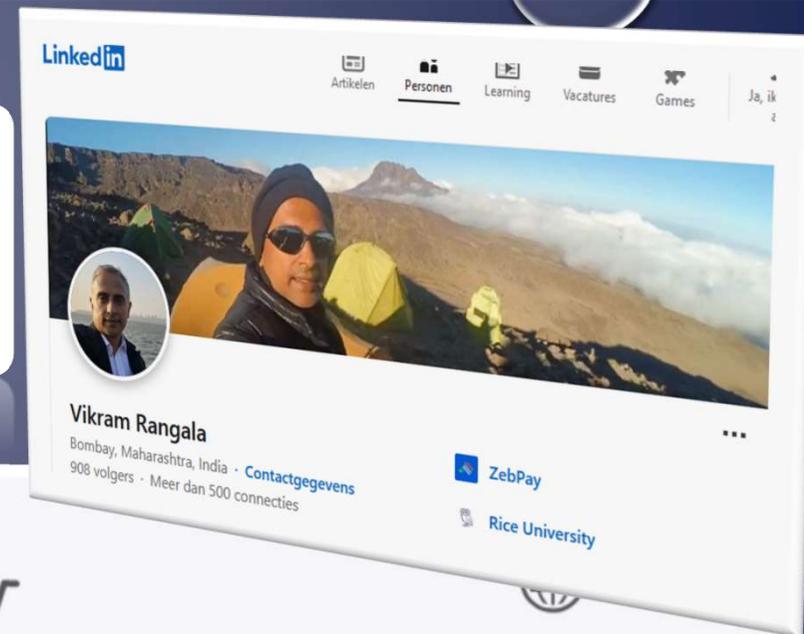
A non-custodial wallet is a wallet in which you are responsible for storing and managing your private keys.

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





<https://zebpay.com/>



6 Million+  
Users



24/7 Support



\$24+ Billion Trade  
Volume



160+  
Countries

Founded in **India** in 2014, Zebpay is a pioneering cryptocurrency exchange platform, with headquarters in **Singapore** and growing global popularity. The company has a steady user base of more than 5 million people - significant user segments are based in India, Australia, and Singapore.



## World-leading Crypto Security

-  98% of Funds stored in Multi-sig Cold Wallets
-  Multi-stage Security Protocol
-  Insurance Protection

[KNOW MORE](#)



# 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?



Explore. Privately.

You're ready for the world's most private browsing experience.

Tor is free to use because of donations from people like you. [Donate Now >](#)

Questions? [Check out our Tor Browser Manual >](#)

Get the latest news from Tor straight to your inbox. [Sign up for Tor News >](#)

The Tor Project is a US 501(c)(3) nonprofit organization advocating human rights and freedom by creating and deploying free and open source software and privacy technologies, supporting their development, maintenance, and furthering their scientific and social understanding. [Read More >](#)

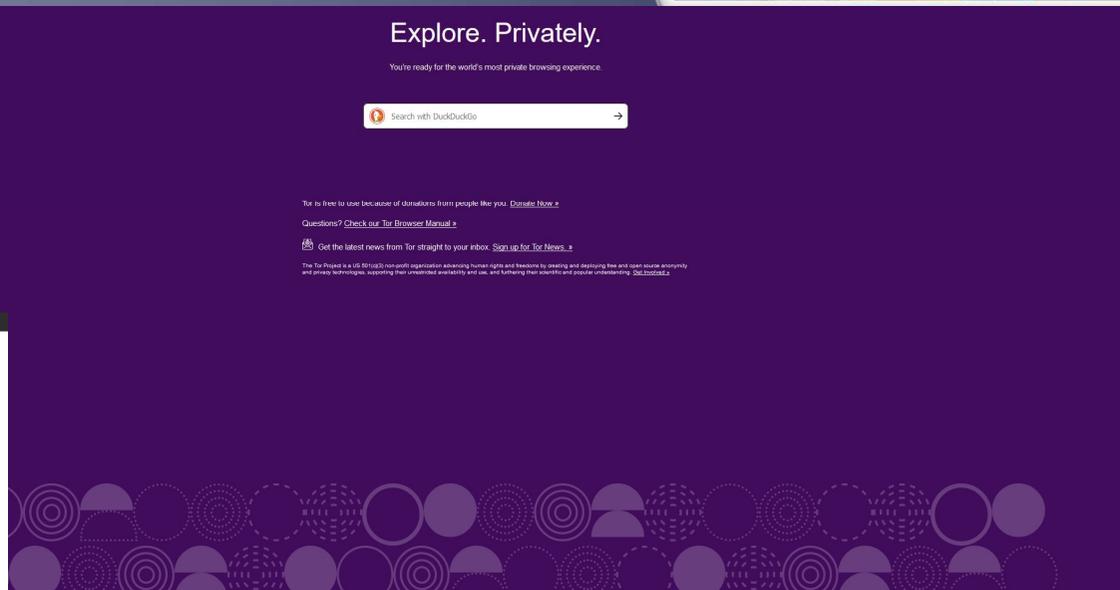
## Links to Dark Web Markets

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://apolloncbh3sgd23.onion>
- Avaris**  
<http://xnwoz5jjwzsubdzs455ab2svrzupdk3wvrjy77gkhc66nyxaiyhwtkid.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



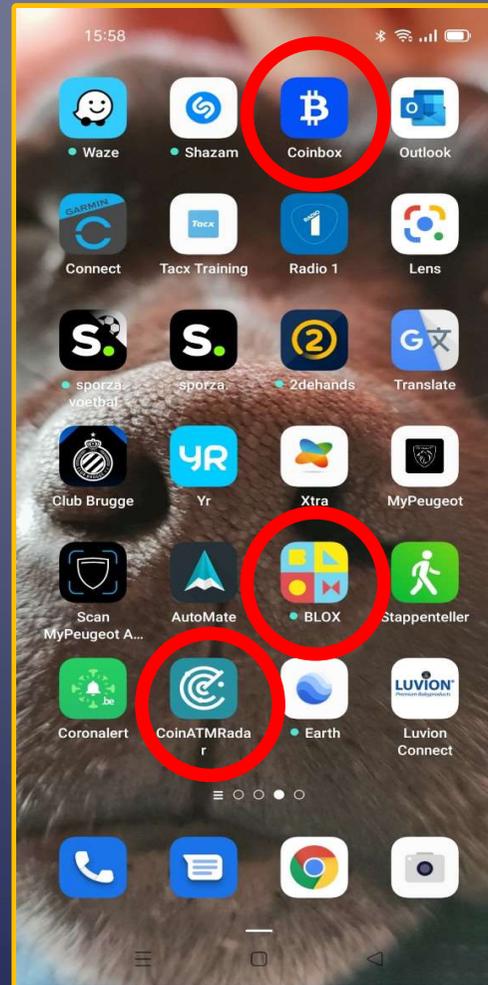
# How does it work?

## Mobile wallets



# How does it work?

## Mobile wallets



# How does it work?



## Paper wallets

- QR codes
- Private key or
- Public key

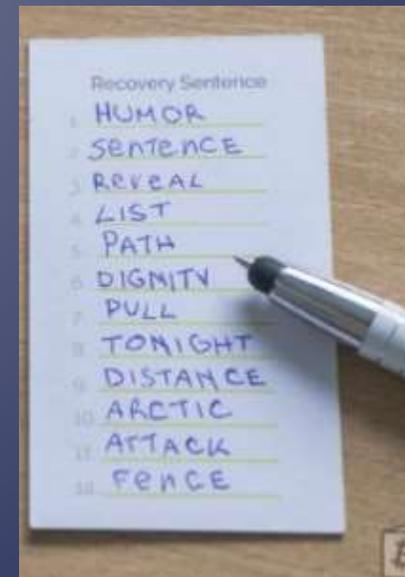
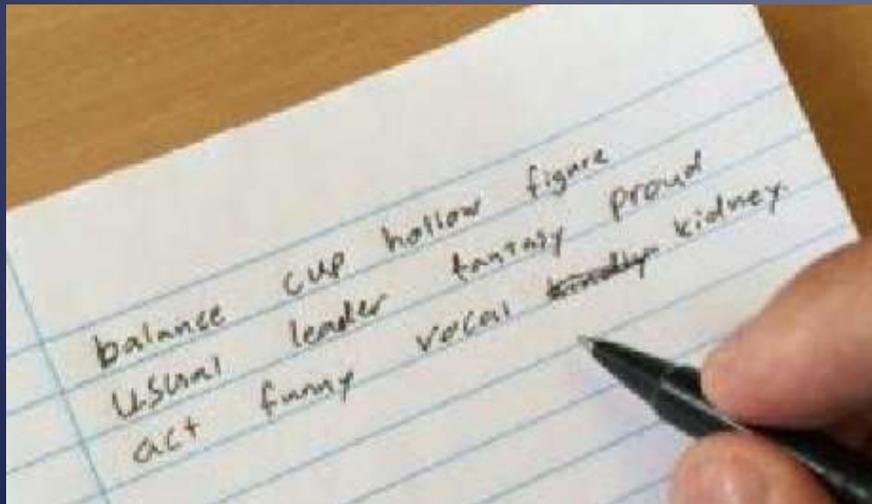


# How does it work?



## Recovery seeds

- 12, 18 or 24 random words



## COLD STORAGE

VS

## HOT STORAGE



+

Security

-



-

Convenience

+



-

Cost

+

Free



-

Cost

+

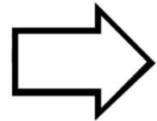
Free

# How does it work?

## Recovery seeds



2009



2013



**BIP39**

(Bitcoin Improvement Proposal 39)  
Seed Word Implementation



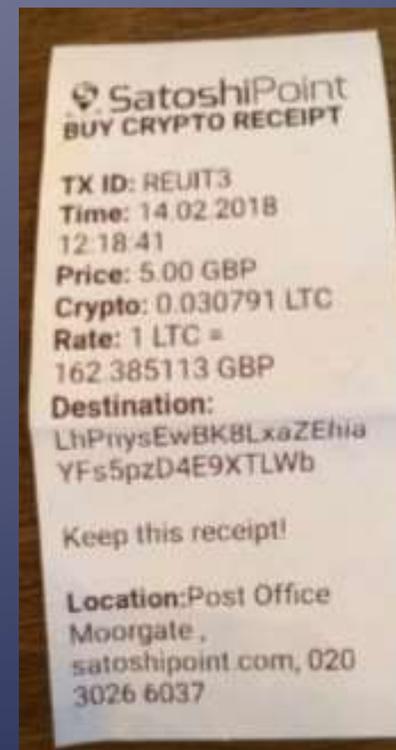
The wallet.dat file contains your private keys, public keys, scripts (which correspond to addresses), key metadata (e.g. labels), and the transactions related to your wallet. If you have an HD wallet, it also includes the HD seed and the derivation paths for each private key.

# How does it work?



## Receipts

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



# Cryptocurrency and illicit finances



## Typology 1

CATMs (Cryptocurrency ATMs):

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



# Cryptocurrency and illicit finances



## Typology 1

CATMs (Cryptocurrency ATMs):

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



The screenshot shows the Coin ATM Radar website interface. At the top, there is a navigation bar with the site logo and links for Producers, Countries, More, Support us, Blog, and Log in. Below the navigation bar is a search section titled "Bitcoin ATM Near Me Search." It includes a "Select operation:" section with radio buttons for "Buy" and "Sell". Below that is a "Select cryptocurrency:" section with radio buttons for various cryptocurrencies: 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 a search input field labeled "Address or location:" with a placeholder "Search by address..." and a "Use my current location" button. Below the search section, there is a "Results:" section with the text "Try search above." and a "\*\*\*" separator. At the bottom, there is a note: "Alternatively, you can find cryptocurrency ATM near you using one of our mobile apps:" followed by buttons for "GET IT ON Google Play" and "Available on the App Store".

# Cryptocurrency and illicit finances



## Typology 1

CATMs (Cryptocurrency ATMs):

//[coinatmradar.com](https://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, and Blog. Below the navigation bar, there is a search bar with a location pin icon. The main heading is "Bitcoin ATM Near Me Search." Below this, there are several selection options: "Select operation:" with radio buttons for "Buy" and "Sell"; "Select cryptocurrency:" with radio buttons for Bitcoin (BTC), Lightning BTC (LBTC), Bitcoin Cash (BCH), Ether (ETH), Dash (DASH), Litecoin (LTC), Zcash (ZEC), Monero (XMR), Dogecoin (DOGE), Tether (USDT), Ripple (XRP), and USD Coin (USDC); and "Select Location type:" with checkboxes for "ATM", "Teller", and "Other Service". At the bottom, there is a text input field for "Address or location:" with a search icon and a "Use my current location" button.



# Cryptocurrency and illicit finances



## Typology 1

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

CATMs (Cryptocurrency ATMs):

### Results:

Based on your search input we found "110017, National Capital Territory of Delhi, India" and show locations nearby.  
If this location is wrong, please make a more specific search.

ATM		<u>Workly Nehru Place</u>	51 km	<u>Delhi</u>	Fees: Buy: N/A	Limits: Unknown	<u>Details</u>
ATM		<u>Сауна "Матросская Тишина"</u>	2879 km	<u>Novokuznetsk</u>	Fees: Buy: 8%	Limits: Unknown	<u>Details</u>
ATM		<u>Napoleon</u>	2927 km	<u>Omsk</u>	Fees: N/A	Limits: Unknown	<u>Details</u>
ATM		<u>Napoleon</u>	2928 km	<u>Omsk</u>	Fees: N/A	Limits: Unknown	<u>Details</u>
ATM		<u>Napoleon</u>	2931 km	<u>Omsk</u>	Fees: N/A	Limits: Unknown	<u>Details</u>

## Operator details

 **Operator's name:** Digital Assets LLP

 +919582911782

 info@digitalassets.business

Are you the operator? [Check the list of services we provide.](#)

## Location

 **City:** Delhi 

 **Location:** Workly Nehru Place

 **Business phone:**

[Show number](#) →

 **Address:**

Hemkunt Chambers, 89, Nehru PI Market Rd, Nehru Place  
New Delhi, 110019  
India



 **Open hours:**

Mon-Sat: 8:00 am – 9:30 pm

## Bitcoin machine details

 **ATM Type:** Lamassu 

 **Supported coins and fees:**

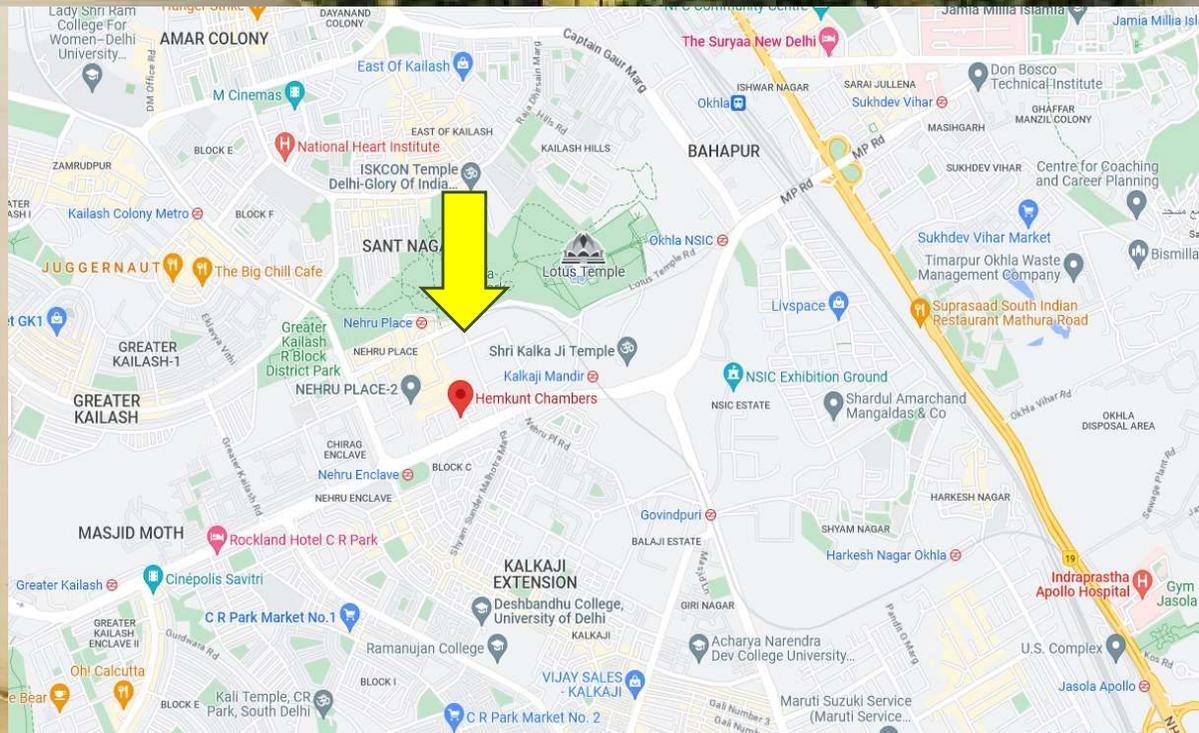
Prices are updated 35 minutes ago.

[refresh](#)

	Buy	Sell
 Bitcoin	✓ Fees: reporting disabled	✗
 Ether	✓ Fees: reporting disabled	✗
 Tether	✓ Fees: reporting disabled	✗
Supported fiat:	INR	



lace



# Cryptocurrencies

## Typology

CATMs (Crypto ATM)

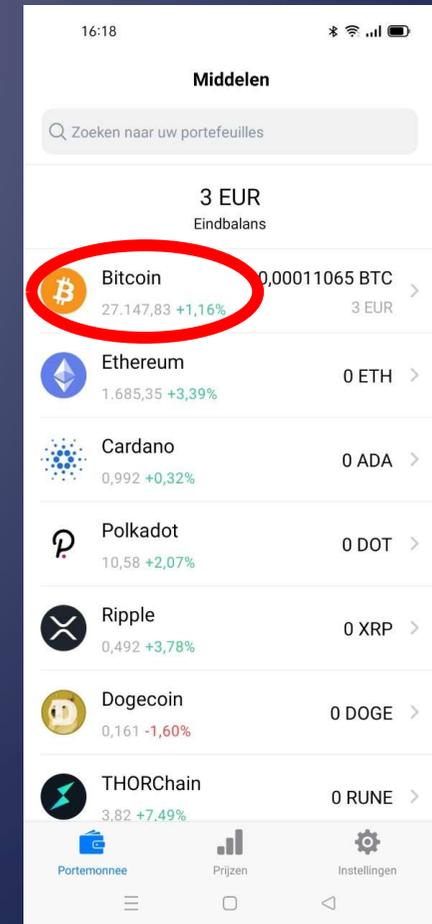
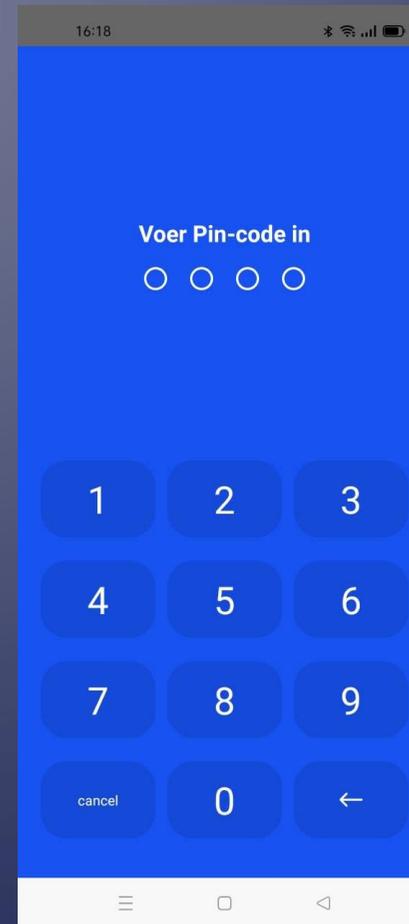
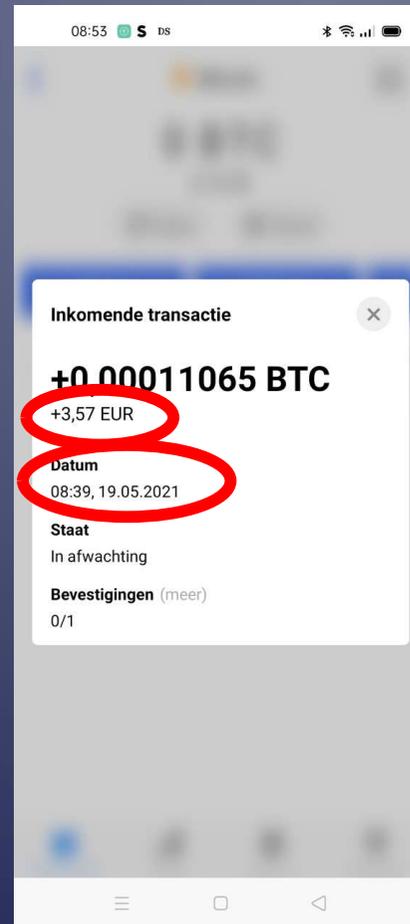
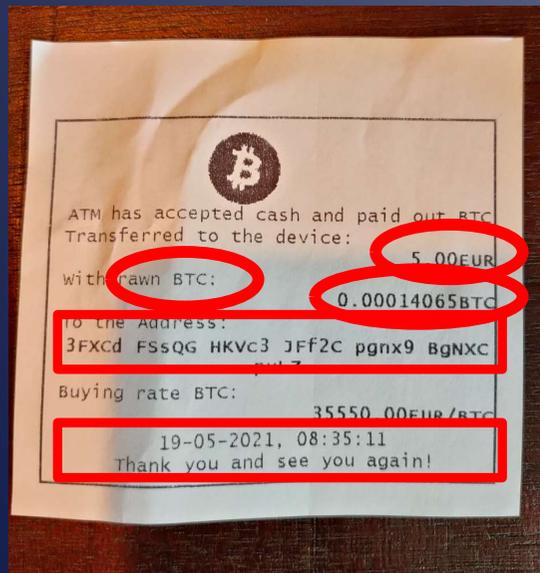


# Finances



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

# Cryptocurrency and illicit finances





# CHAINBYTES BITCOIN ATM FAMILY

## UNIVERSAL

High performing 2-way model



**Price \$6,700**

CUSTOMIZE AND ORDER NOW

## MODEL V

Small footprint 2-way model



**Price \$4,999**

CUSTOMIZE AND ORDER NOW

## GENMEGA ATMs

Software for GenMega models



**Pricing on request**

LEARN MORE AND ORDER

Filters

Categories

Payment Kiosks

Supplier features

- Trade Assurance
- Verified Supplier

Product types

- Sample Order
- Super Super September
- Super 180-day lowest price

Min. Order

less than OK

Supplier Country/R...

search

- China

Function

After-sales service ...

Touch screen type

Application

Color

Bitcoin atm (222 products available)



Self-service touch screen payment kiosk foreign currency exchange ATM

\$45.00

Min. Order: 5 units



Currency Exchange Kiosk Manufacturer Coin Bill Exchange Kiosk Coin Recycler Note Recycl...

€4,977.84-€6,787.96

Min. Order: 1 unit



Crtly 32inch Crypto atm Credit Card Passport Reader Currency Exchange Machine...

€1,402.85-€1,809.22

Min. Order: 1 piece



Cash Withdrawal Kiosk Manufacturer Note Dispenser ATM Machine Kiosk POS Payment...

€2,488.92-€2,669.93

Min. Order: 1 unit



# Cryptocurrency and illicit finances



## Typology 2

Peer to peer exchange

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

The new era of P2P is here. Click here to meet Paxful's new app & brand.

# The people- powered way to move money ↗



The largest P2P marketplace to buy, sell, send, and receive crypto and local currencies.

<https://paxful.com>



Bitcoin

1 BTC = 61,535.2 EUR

All Payment Methods

Enter amount

\$€€

Offer Location

India

Trader Location

Belgium

Recently active traders

Verified offers

Find Offers

# All Payment Methods

Buy from	Pay with	Avg. trade speed	Price per bitcoin	Sort by
Illuminati001 12 likes Seen 8 minutes ago	<b>Bank Transfer</b> Third party accepted	New offer	5,357,946.33 INR 1 USD = 1.05 USD of BTC ↓4.7%	Buy
Illuminati001 12 likes Seen 8 minutes ago	<b>Paytm Online Wallet</b> Third party accepted	New offer	5,357,946.33 INR 1 USD = 1.05 USD of BTC ↓4.7%	Buy
DeluxeKinkajou33 11 likes Seen 1 minute ago	<b>Paytm Online Wallet</b> Third party accepted	New offer	5,369,190.71 INR 1 USD = 1.05 USD of BTC ↓4.5%	Buy
DeluxeKinkajou33 11 likes Seen 1 minute ago	<b>Bank Transfer</b> Third party accepted	New offer	5,369,190.71 INR 1 USD = 1.05 USD of BTC ↓4.5%	Buy
SvelteDunlin335	<b>Bank Transfer</b>		5,565,967.33 INR	

DeluxeKinkajou33

**UPI Transfer**

5,734,633.01 INR

11 likes

Third party accepted

Under a minute

1 USD = 0.98 USD of BTC ↑2%

Seen 1 minute ago

Min purchase: 8,000 INR  
Max purchase: 59,446 INR

Buy

Q |

-   
**Bank transfers**  
CHOICES: 64
-   
**Online wallets**  
CHOICES: 244
-   
**Debit/credit cards**  
CHOICES: 20
-   
**Gift cards**  
CHOICES: 102
-   
**Digital currencies**  
CHOICES: 46
-   
**Cash payments**  
CHOICES: 20
-   
**Goods and services** >  
CHOICES: 4

Popular in Belgium

-  Bank Transfer
-  PayPal
-  ANY Credit/Debit Card
-  Paysafecard
-  Revolut
-  SEPA

Q Search



Bank transfers

CHOICES: 64



Online wallets

CHOICES: 244



Debit/credit cards

CHOICES: 20



Gift cards

CHOICES: 102



Digital currencies

CHOICES: 46



Cash payments

CHOICES: 20



Goods and services

CHOICES: 4

Have a gift card you don't need? Trade it here for Bitcoin instantly.

[View offers for gift cards](#)

### Popular Gift cards



Steam Wallet Gift Card



Apple Gift Card (US only)



iTunes Gift Card



Apple Store Gift Card



Razer Gold Gift Card



Amazon Gift Card

### Gift cards (Choices: 102)



Adidas Gift Card



Age of Legends Gift Card



AirBnb Gift Card



Amazon Gift Card



American Apparel Gift Card



American Express Gift Card



Americanas Gift Card



Apple Gift Card (US only)



Apple Store Gift Card



Arena Breakout Gift Card



Bed Bath & Beyond Gift Card



Best Buy Gift Card



Bigo Live Gift Card



Bitrefill Balance Cards



Blizzard Gift Card

Bitcoin

1 BTC = 61,535.2 EUR

Amazon Gift Card

Enter amount \$€€

Offer Location

India

Trader Location

Belgium

Offer Tags

- cash only
- cash receipt only
- e-gift cards
- no receipt needed
- physical cards
- receipt required

Recently active traders

Verified offers

Find Offers

## Buy Bitcoin (BTC) with Amazon Gift Card

Paxful makes it easy and secure for you to buy and hold Bitcoin. Find the best offer below and buy Bitcoin with Amazon Gift Card today.

Take Tour

Buy from	Pay with	Avg. trade speed	Price per Bitcoin	Sort by
<b>HumbleSplitfin787</b> 👍 3000 Seen 22 minutes ago	<b>Amazon Gift Card</b> ✓ VERIFIED THIRD PARTY ACCEPTED no receipt needed e-gift cards	Under a minute	<b>10,696,976.59 INR</b> 1 USD = 0.53 USD of BTC ↑89.99% Min purchase: 253 INR Max purchase: 100,000 INR	Buy
<b>Karankushwaha</b> 👍 633 Online	<b>Amazon Gift Card</b> fast trader e-gift cards	1 min	<b>11,129,945.43 INR</b> 1 USD = 0.51 USD of BTC ↑97.68% Min purchase: 253 INR Max purchase: 10,000 INR	Buy
<b>iamtab1605</b> 👍 52 Online	<b>Amazon Gift Card</b> Best rate on Paxful no receipt needed e-gift cards	Under a minute	<b>8,332,820.34 INR</b> 1 USD = 0.68 USD of BTC ↑48% Min purchase: 300 INR Max purchase: 3,316 INR	Buy
<b>Betterdeal247</b> 👍 8 Seen 2 hours ago	<b>Amazon Gift Card</b> Fast and secure e-gift cards	New offer	<b>10,416,025.42 INR</b> 1 USD = 0.54 USD of BTC ↑85% Min purchase: 253 INR Max purchase: 625 INR	Buy
<b>Paradox24X7</b> 👍 86 Seen 8 minutes ago	<b>Amazon Gift Card</b> Fast and secured	New offer	<b>10,528,631.1 INR</b> 1 USD = 0.54 USD of BTC ↑87% Min purchase: 1,000 INR Max purchase: 7,045 INR	Buy
<b>Exchangepoint147</b> 👍 76 Seen 13 hours ago	<b>Amazon Gift Card</b> Gift card accepted no receipt needed receipt required e-gift cards	New offer	<b>11,260,568.02 INR</b> 1 USD = 0.5 USD of BTC ↑100% Min purchase: 253 INR Max purchase: 10,000 INR	Buy



# HumbleSplitfin787

Seen 23 minutes ago



**+3000** Positive feedback

**-4** Negative feedback

### Verifications

- Phone verified
- Email verified
- ID verified
- Address verified

Power Trader

### Info

Location: Philippines

Languages: English (English)

**4,640** Trade partners

**9,285** Trades

Trade volume: **between 10 and 50 BTC**

Trade volume: **0 ETH**

Trade volume: **Less than 10K USDT**

Trade volume: **0 USDC**

Trusted by **259 people**

Blocked by **30 people**

### Active Offers

Buy Crypto **6** Sell Crypto **0** All cryptocurrencies

Pay With	Avg. Trade Speed	Rate
<b>Paysafecard</b> FAST RELEASE	<b>New</b>	<b>80,505.68 USD</b> 1 USD = 0.83 USD of BTC <b>↑20%</b>
		Min sale: 10 USD Max sale: 150 USD <b>Buy</b>
<b>Location:  Philippines</b>		
<b>Amazon Gift Card</b> THIRD PARTY ACCEPTED	<b>Under a minute</b>	<b>10,713,600.8 INR</b> 1 USD = 0.53 USD of BTC <b>↑89.99%</b>
no receipt needed e-gift cards		Min sale: 253 INR Max sale: 100,000 INR <b>Buy</b>
<b>Paysafecard</b> FAST RELEASE	<b>New</b>	<b>1.2 USD</b> 1 USD = 0.84 USD of BTC <b>↑20%</b>
no receipt needed e-codes accepted no verification needed		Min sale: 10 USD Max sale: 103 USD <b>Buy</b>

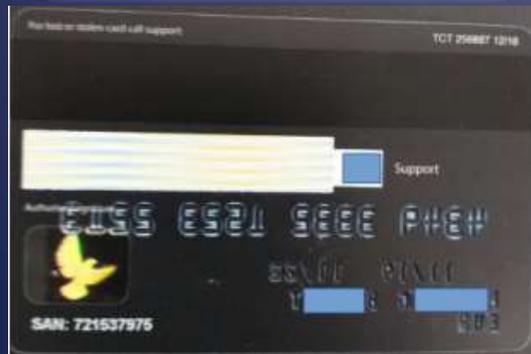
[Show more offers](#)

# Cryptocurrency and illicit finances



## Typology 3:

Cryptocards:



# Cryptocurrency and illicit finances



## Typology 3:

### Cryptocards:



<b>A – URL</b>	<a href="https://www.bitwala.com">https://www.bitwala.com</a> <a href="https://app.bitwala.com">https://app.bitwala.com</a>
<b>B – Location</b>	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
<b>c-1 – Verification of the company's credibility</b>	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.
<b>c-2 – Search on the card issuer</b>	The BITWALA Mastercard has the BIN 537458 and comes from SOLARIS Bank AG in Belgium. The card is prepaid.

<b>c-3 – Creating an account to access the order</b>	Create an account with an email address and a password.
<b>c-4 – Data required to identify oneself (KYC)</b>	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 3:

### 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

<b>A – URL</b>	<a href="https://advcash.gi">https://advcash.gi</a> <a href="https://wallet.advcash.com">https://wallet.advcash.com</a>
<b>B – Location</b>	Russian company located in : ADV PROJECT LTD Suite 16, Block 5, Watergardens, GX11 1AA Gibraltar
<b>c-1 – Verification of the company's credibility</b>	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.
<b>c-2 – Search on the card issuer</b>	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: [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)    PM Perfect Money

# Cryptocurrency and illicit finances



## Typology 4:

### Binance (debit) Card

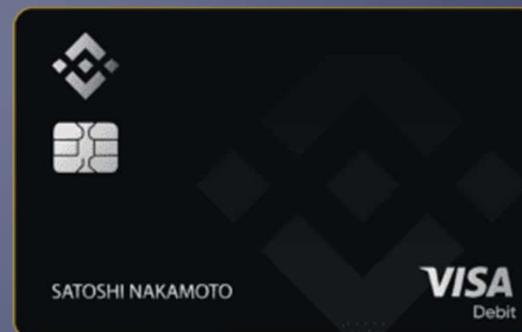
#### What can you do with a Binance Card?

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.

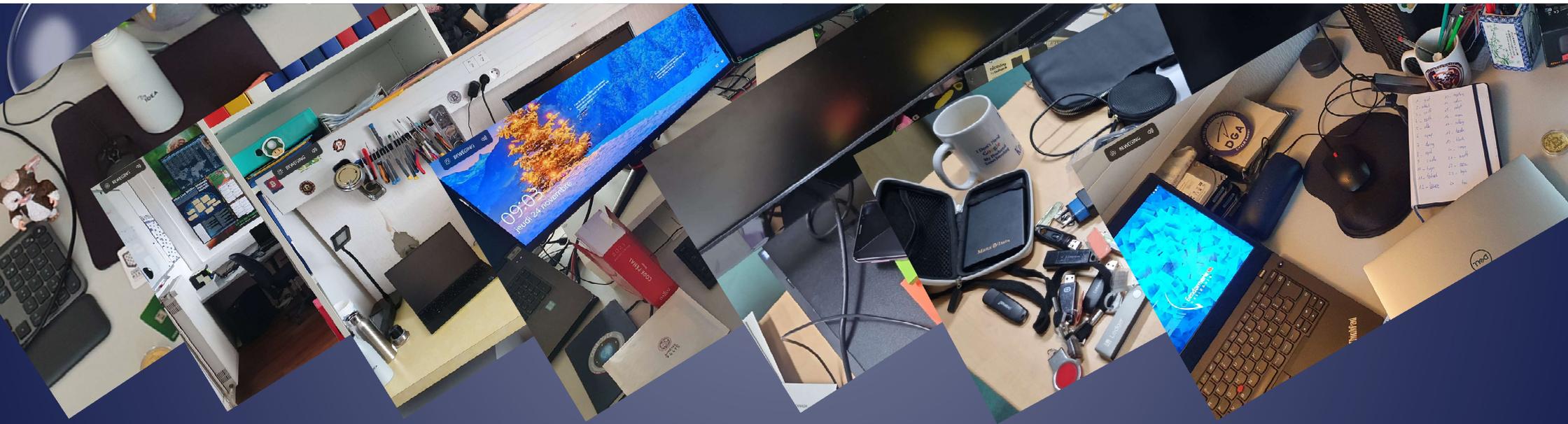
Do you already have Bitcoin (BTC), Ethereum (ETH) or another crypto at Binance? Then it is also possible to pay directly from your pay-wallet. You do pay a small surcharge.



LET'S BREAK  
OUT!



**OECD International Academy for Tax Crime Investigation**  
*Conducting Financial Investigations*



**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

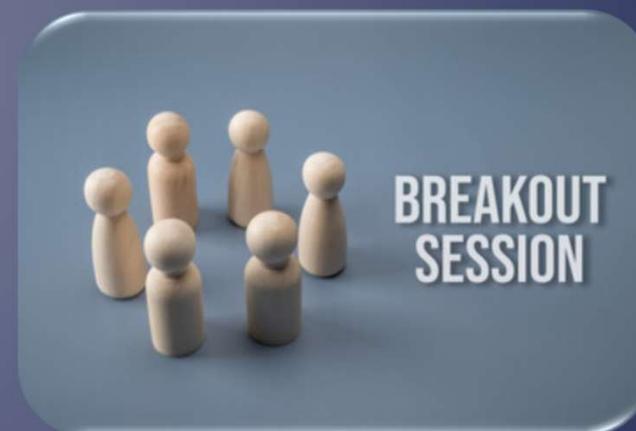
Conducting Financial Investigations



**GO TEAM!**



LET'S BREAK  
OUT!



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

**Group 1 & 2:** You've got 50.000.000,00 INR in cash, the profits of you selling narcotics.

**Group 3 & 4:** You've got 50.000.000,00 INR dirty money in a Swiss bank account, the results of tax crimes.



# Benefits to criminals

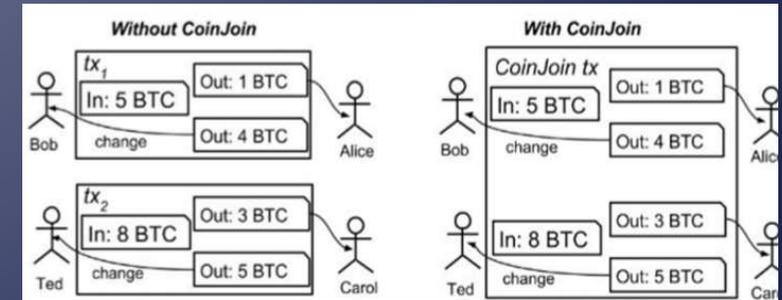
- Accounts can't be frozen if identified
- Exchanges without KYC (know your customer)
- Limited law enforcement skillset
- Decentralised nature avoids reporting mechanisms
- Bitcoin ATM's and smurfing



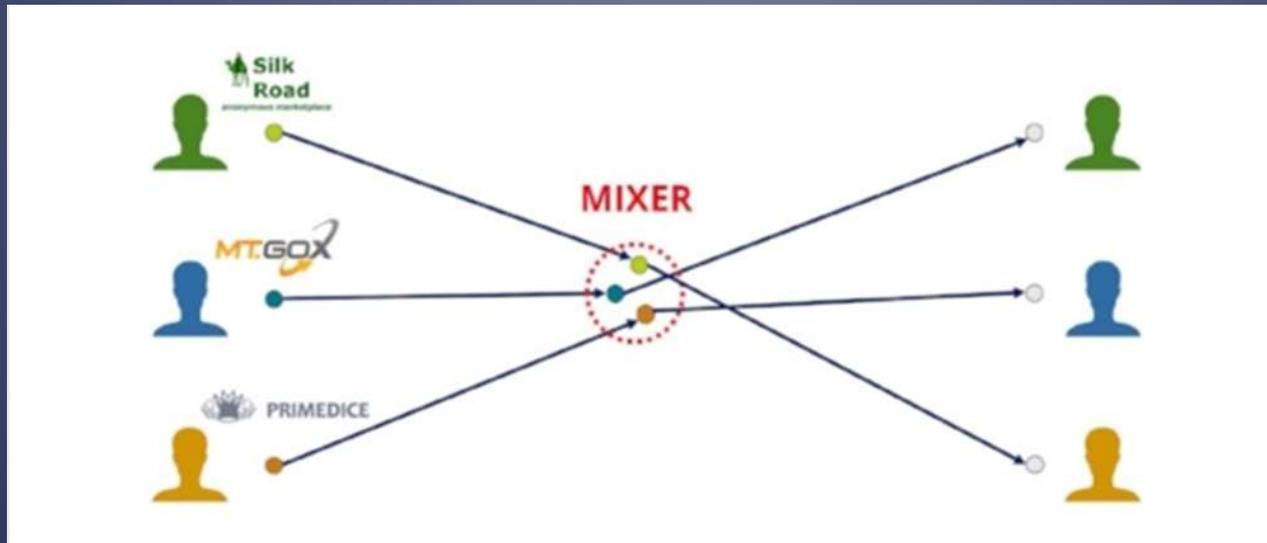
# Benefits to criminals



- 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



# Bitcoin mixing - Coinjoin

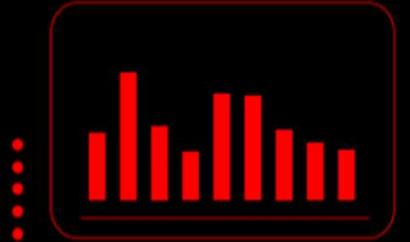
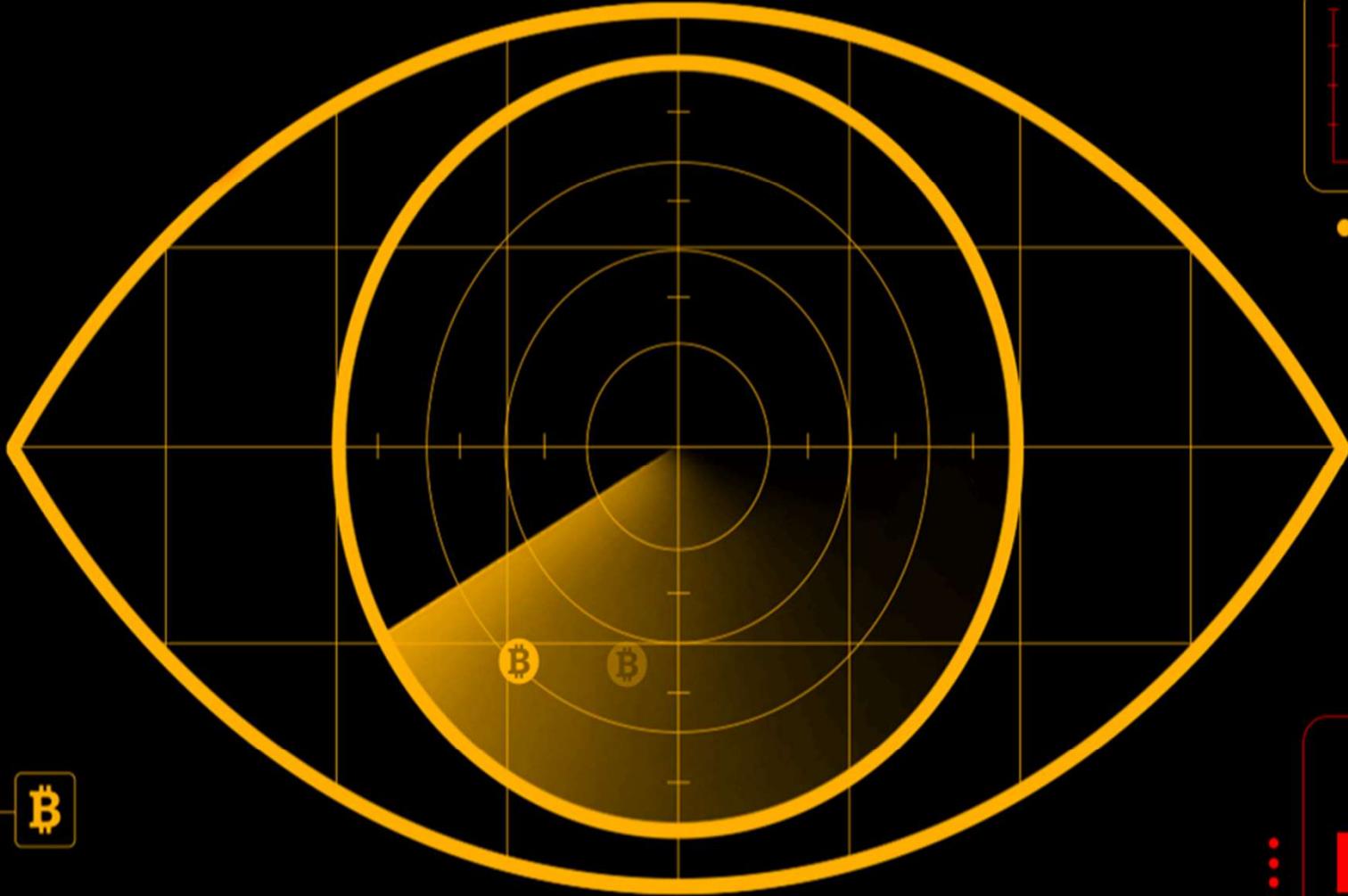
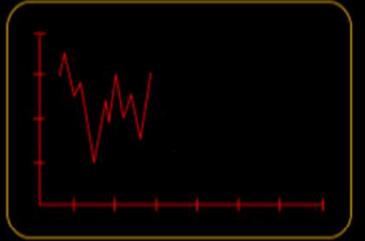


A (highly-simplified) view of what happens on a bitcoin mixer: enabling its users to break the link to the source of their bitcoins.

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>

# FORENSIC TOOLS



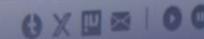


# Chainalysis: India Leads Crypto Adoption Despite Regulatory Pressure

BY PYMNTS | SEPTEMBER 15, 2024



BY PYMNTS | SEPTEMBER 15, 2024



Efforts to regulate the cryptocurrency sector have not hurt India's adoption of the digital currency.

In fact, the country now leads the world on the 2024 "Global Adoption Index" from blockchain research firm [Chainalysis](#).

"Last year, we noted that India remained a top global cryptocurrency market, amid evolving regulatory and tax environments," the company said in a [recent blog post](#).

A proprietary bench-marking tool that assesses crypto-friendly countries that host investment migration programs, based on their adoption and integration of cryptocurrencies and blockchain.

Last December, India's [Financial Intelligence Unit \(FIU\)](#) notified [nine offshore exchanges](#) – among them giants like Binance and Kraken – that they weren't in compliance with the country's anti-money laundering laws, and asked the Ministry of Electronics and Information Technology to block their URLs for India-based customers.

## Appendix to the company's annual accounts.

# UNDER THE BUS LTD 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-eSPde**  
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
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	<b>603,144</b>
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 **3KJtJqg8hyocLwWBmpgdY78nP9bsWeSPde**   
499.99962880 BTC • \$33,815,069

To

1 **36AcDgLUeUmmX8ZLWqC1dsRNB1D5Yzxda8** →  
200.00000000 BTC • \$13,526,038

2 **35mMyJ3xVRPbqM3WPSWwrtYEFN9KEjbs0** →  
299.99958512 BTC • \$20,289,028

From

1 **39zHAMNNwiHfJARoCDRyCLudQj6tZxMiMo**   
175.76794825 BTC • \$11,863,542

To

1 **3PXbwqxYDeQbXahSAn8AqSeMedw6AJSSzF** →  
100.00000000 BTC • \$6,749,548

2 **3MLeNKKa9ZPzDkxb3GvjNXheLtB6dEArq** →  
75.76748221 BTC • \$5,113,962

From

1 **3PaC6dE84Wv7D1GeXtvf7QLnXMYqM5qjtn**   
13.31112140 BTC • \$899,348

2 **3DRQJ5WA6sp8RkAjKxVMeTWuq16WkyJ4qF**   
181.26362299 BTC • \$12,246,833

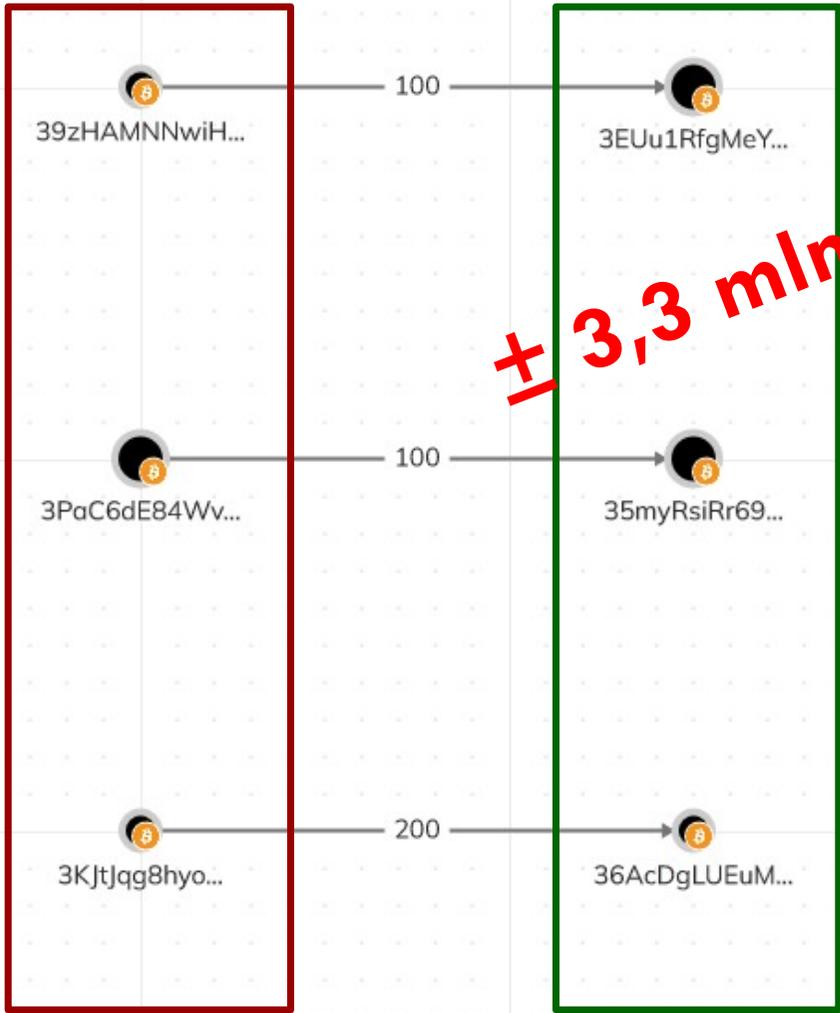
To

1 **3B4SnJNhgZxLP2JDPgR1zn4yywWRnBgtLu** →  
100.00000000 BTC • \$6,756,366

2 **3QeH8RplCihWFT87qH2Bdmvy6LYxA8mJN2** →  
94.57441439 BTC • \$6,389,793

### PRIVATE WALLETS

### COMPANY WALLETS



**± 3,3 mln \$**

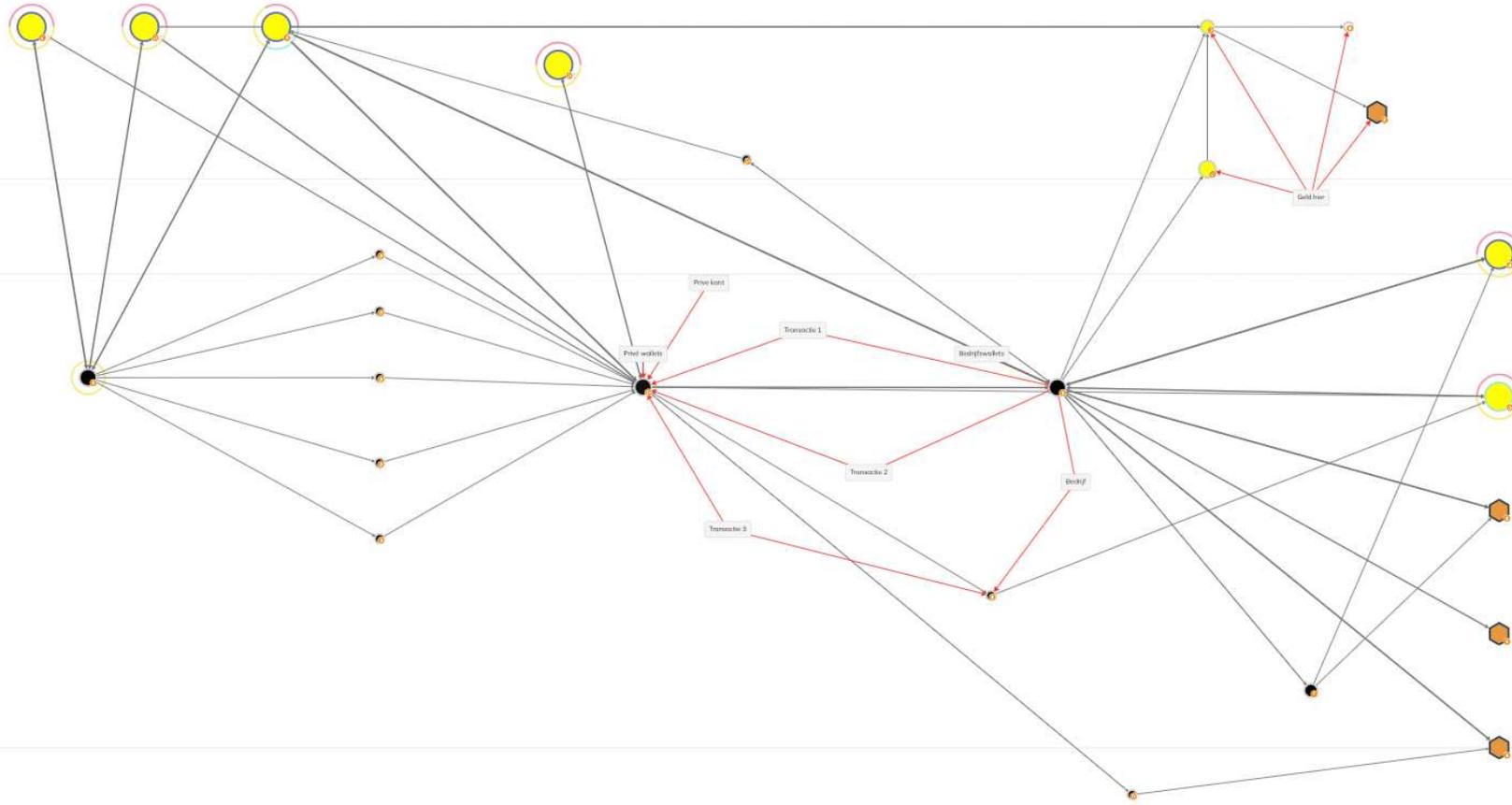
# FOLLOW THE MONEY



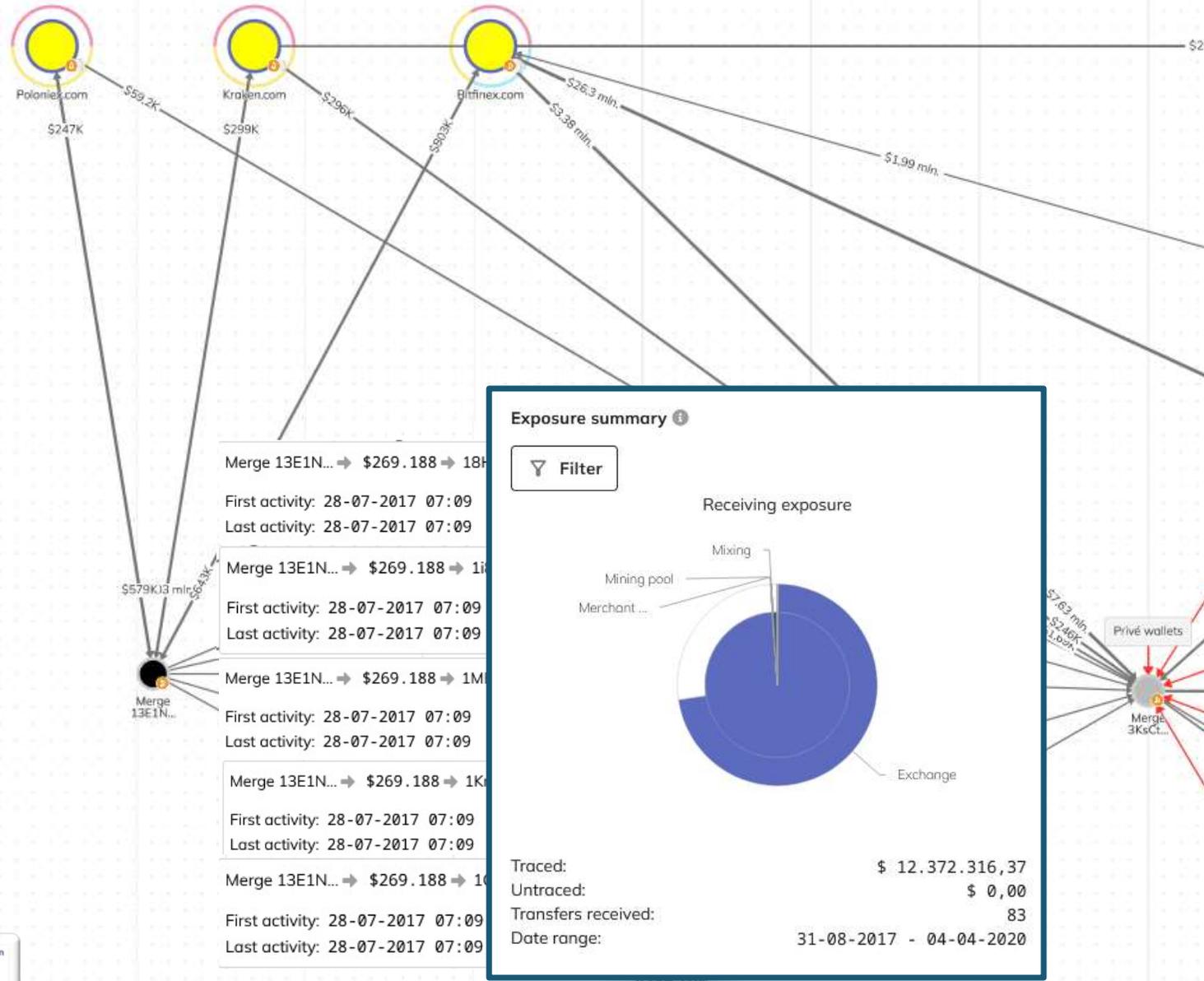
Search for...

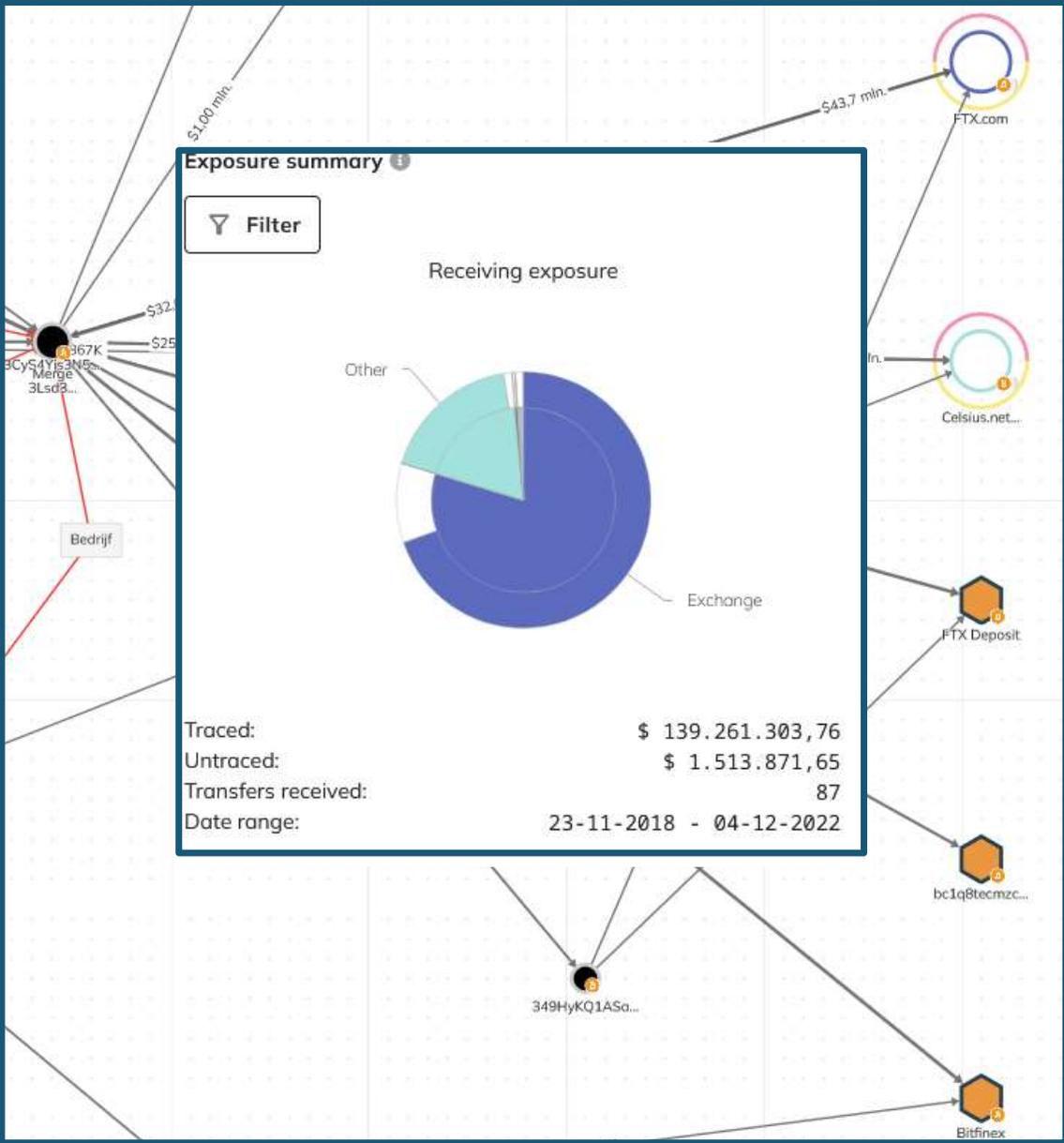
Start Kurt Onderzoek ...

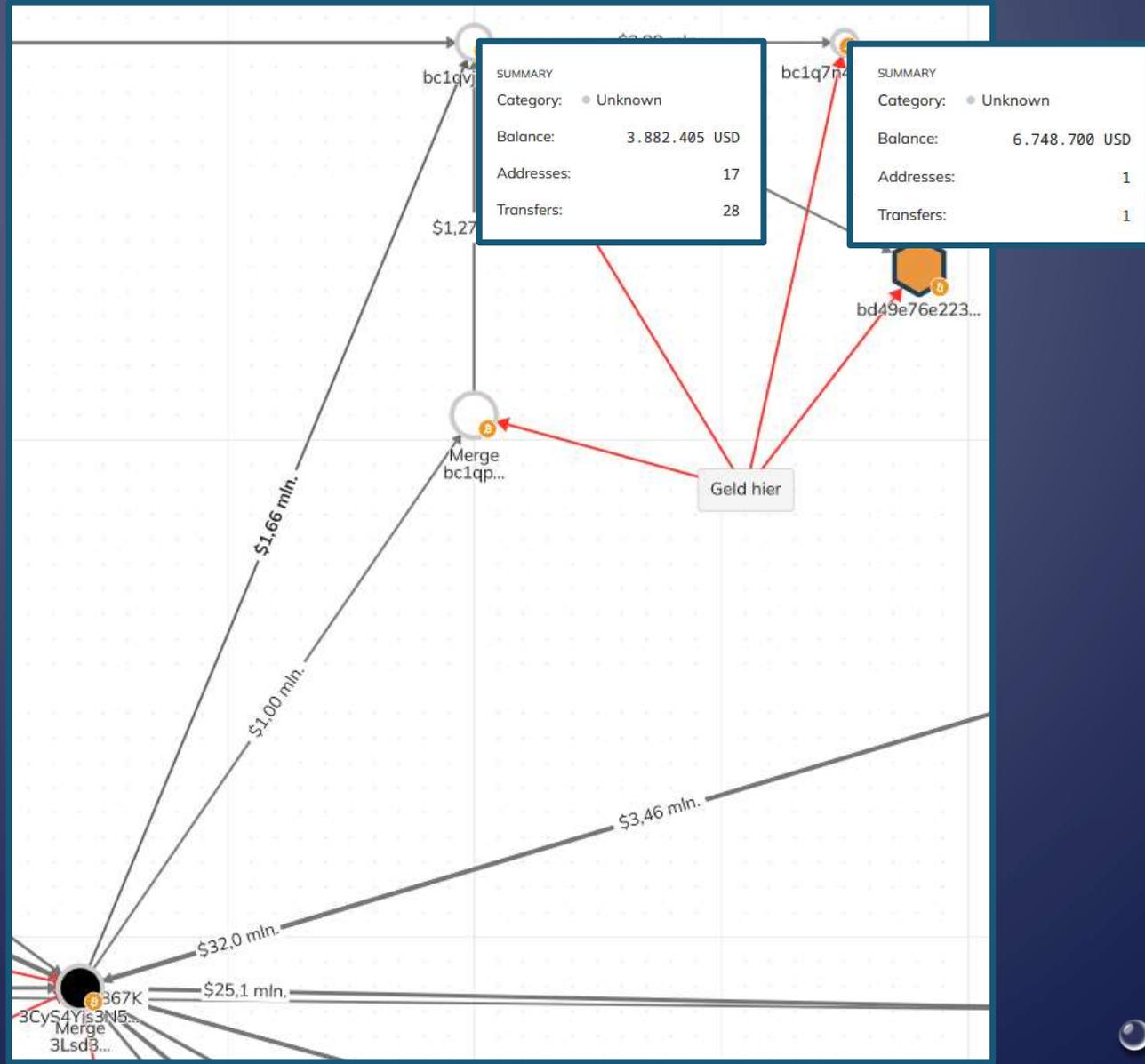
BTC



Navigation icons: Home, Search, Refresh, Undo, Redo, Zoom In, Zoom Out, Full Screen, Close.



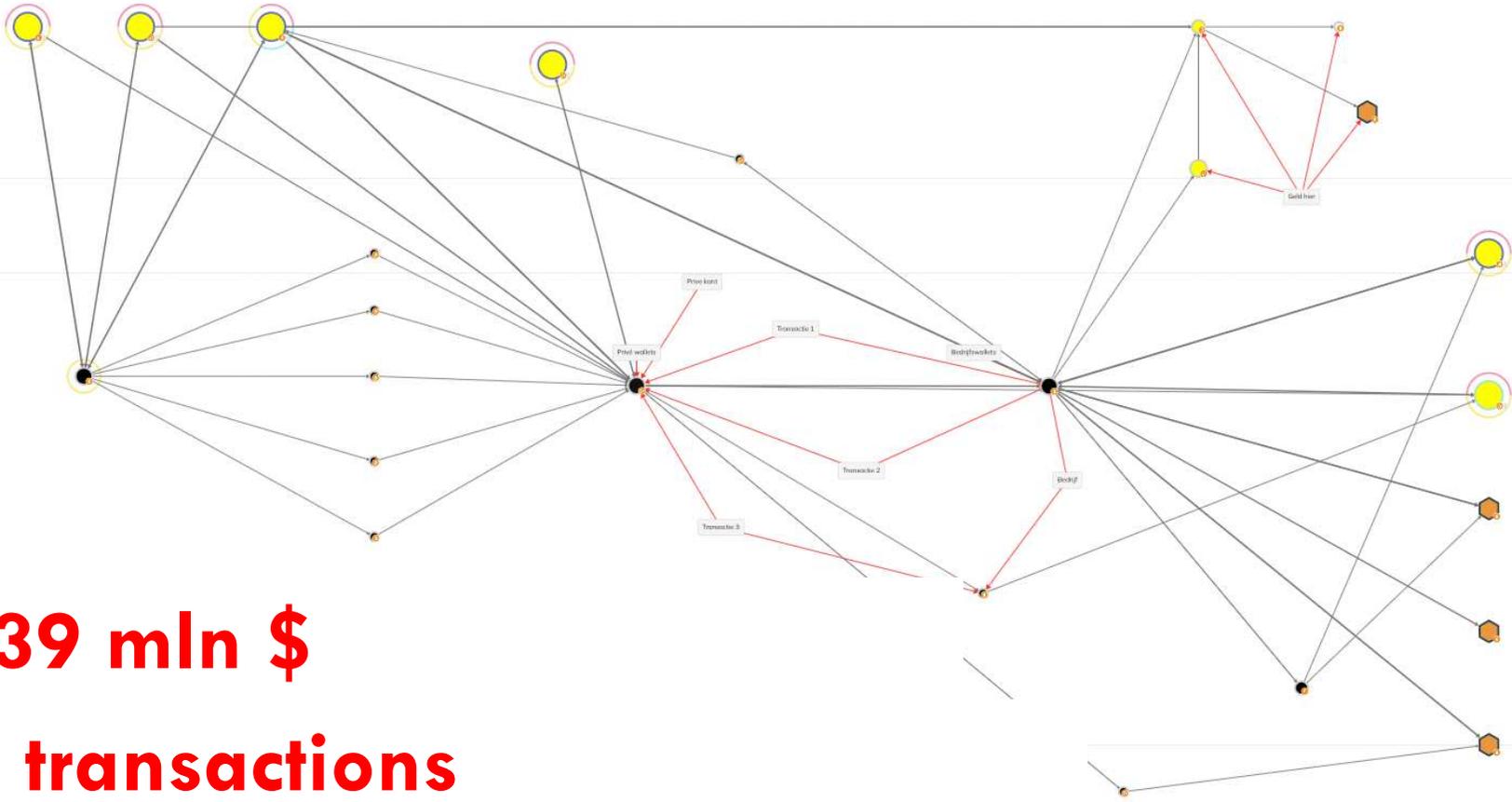




Search fo...

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

CONFIDENT

PER E-MAIL: [kurt.caestecker@minfin.fed.be](mailto: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.

Client 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

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

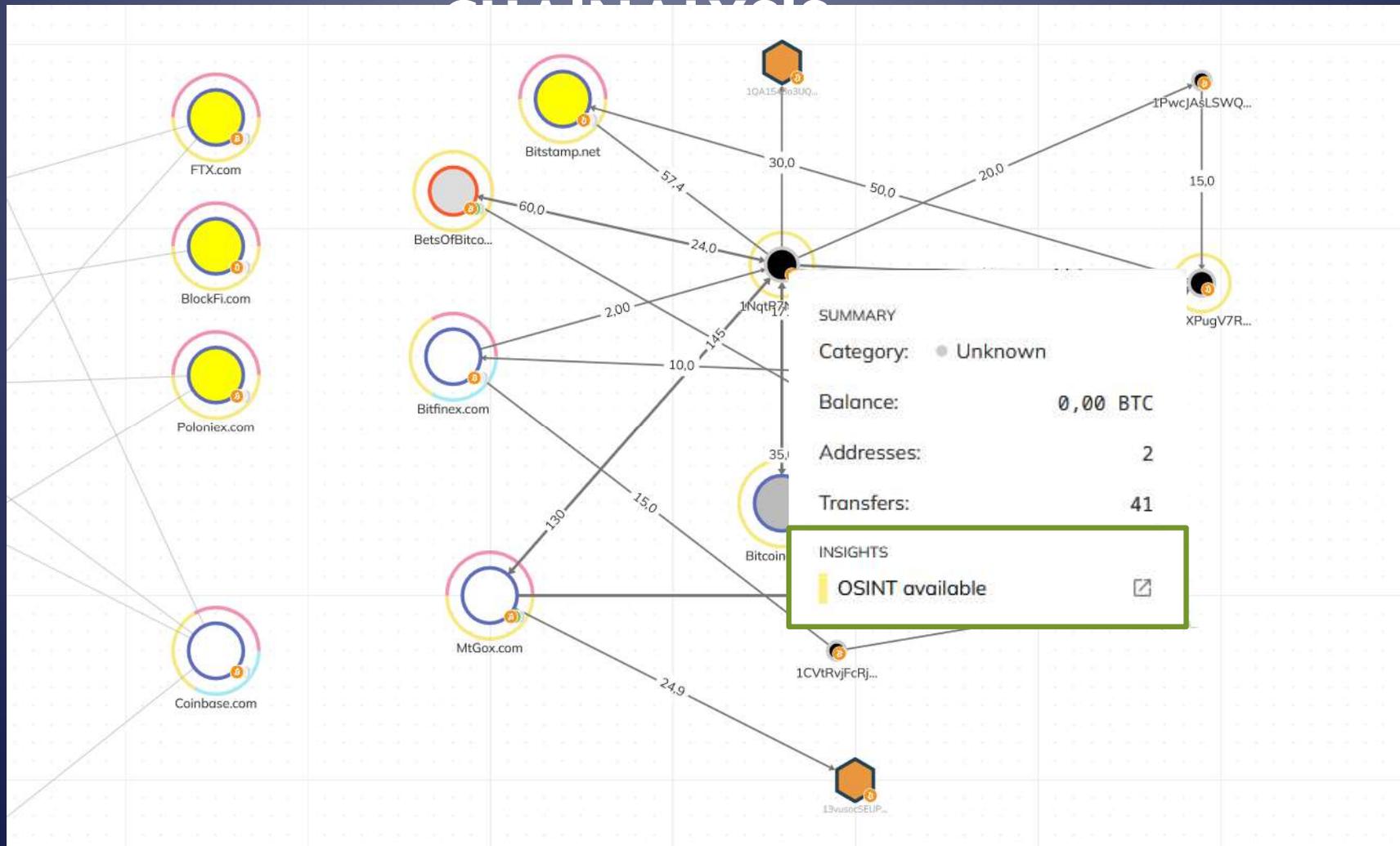
56. Om te concluderen, licht cliënt hieronder de inkomsten toe die hij wenst te regulariseren.

Diverse inkomsten (33%)	
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!

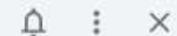


# CHAINALYSIS



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 ▾

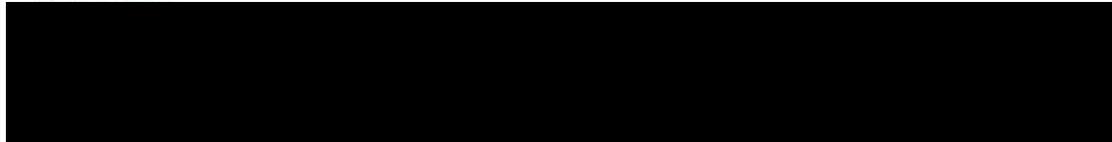
Journal Article

AI

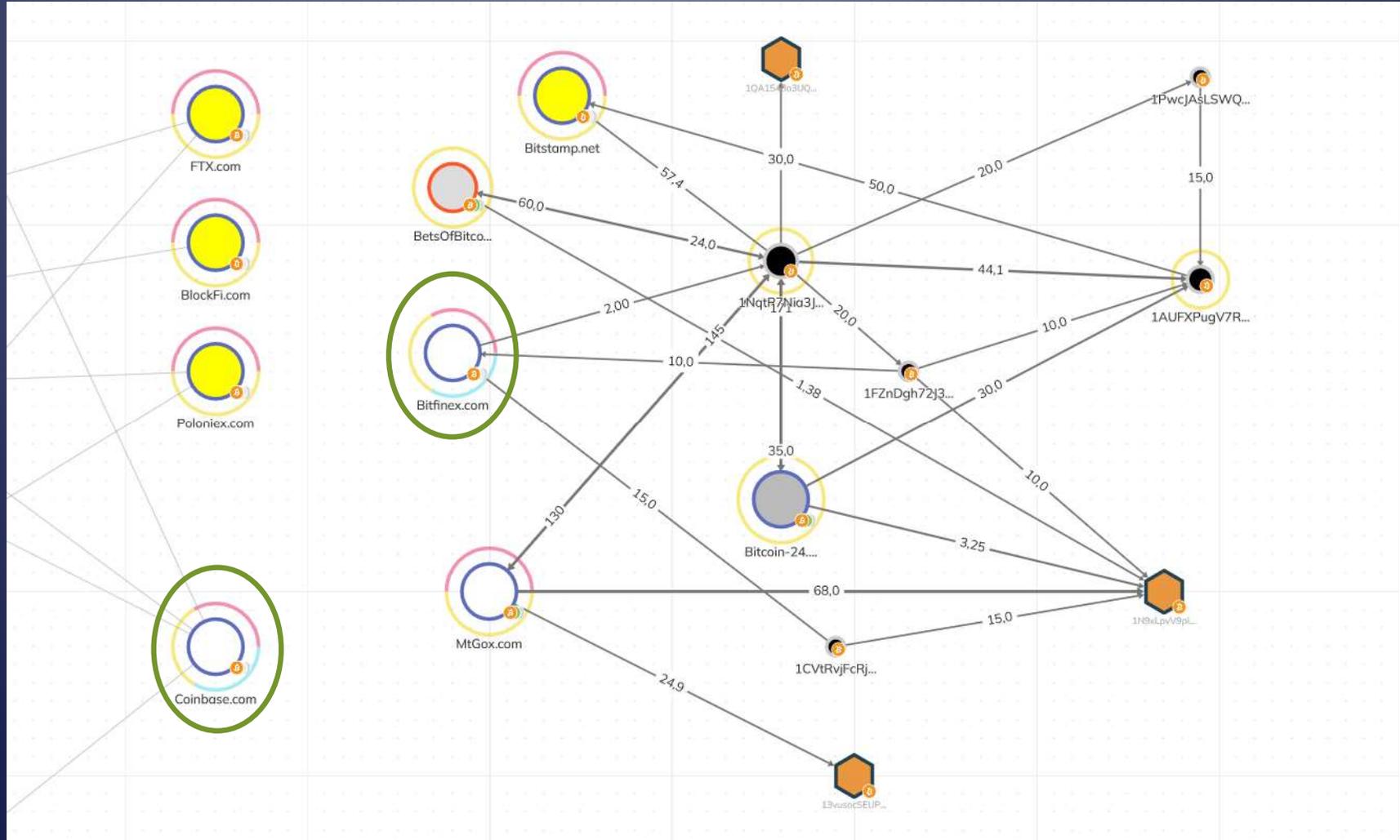
open access

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



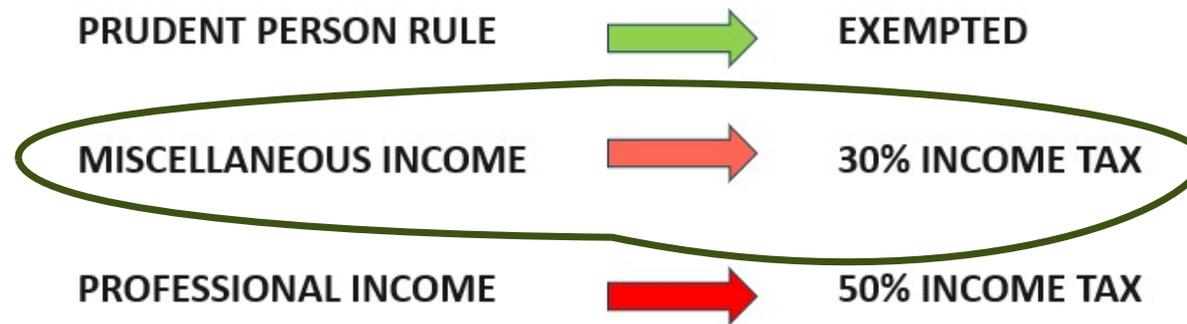
50% INCOME TAX



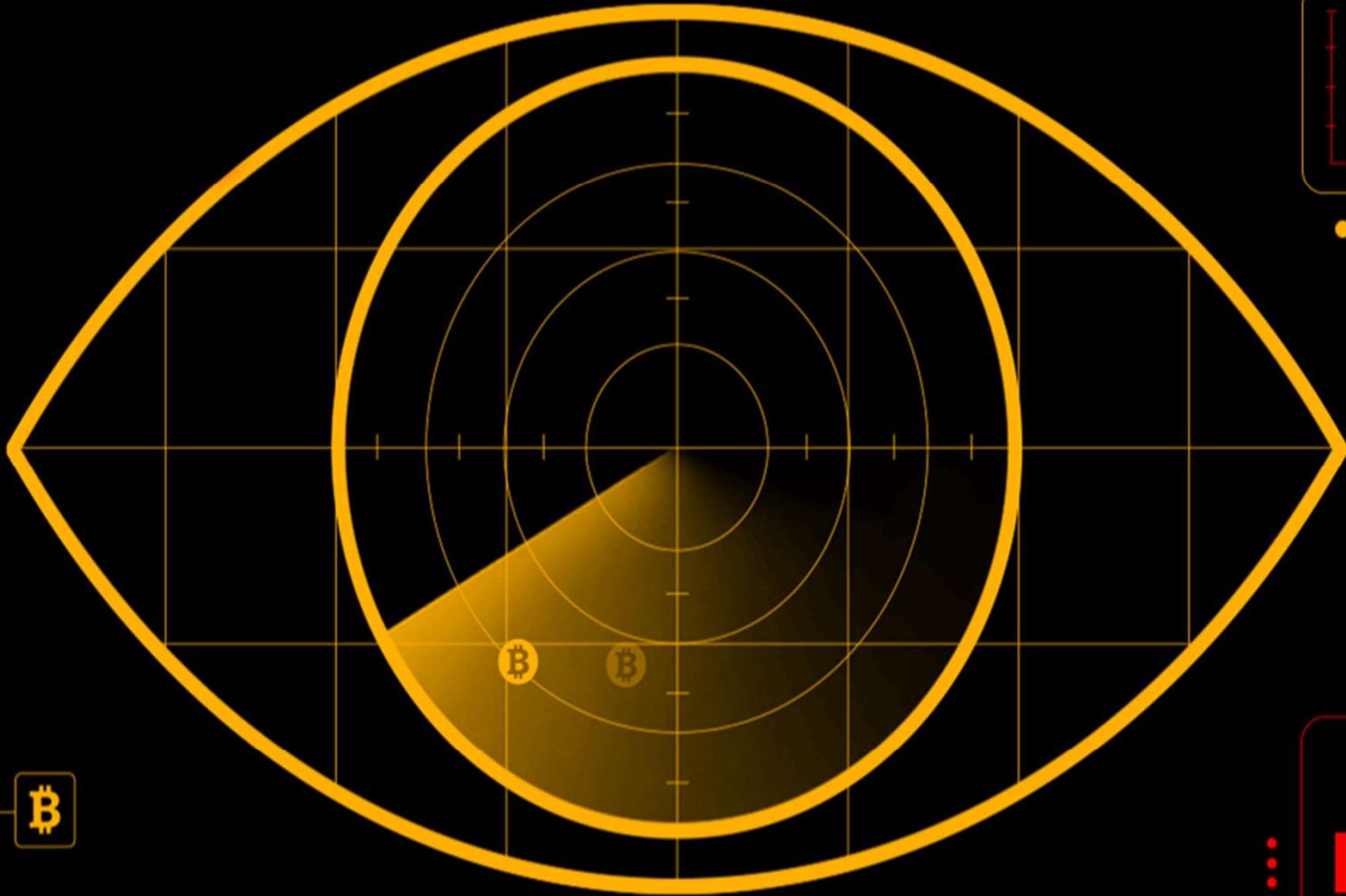
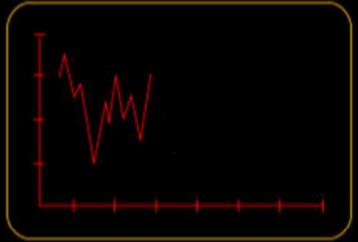
## E. Completeness of the data (USDC)

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?

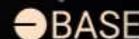
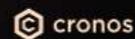
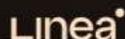
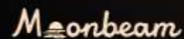


**PAID TAXES: 14.000.000,00 €**



# Crypto Tracking and Investigation Platform

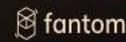
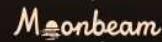
 Ethereum ▼ | Please input an address, ENS name, or tx hash , and press Enter to analyze. 



<https://metasleuth.io/>

# Crypto Tracking and Investigation Platform

Bitcoin



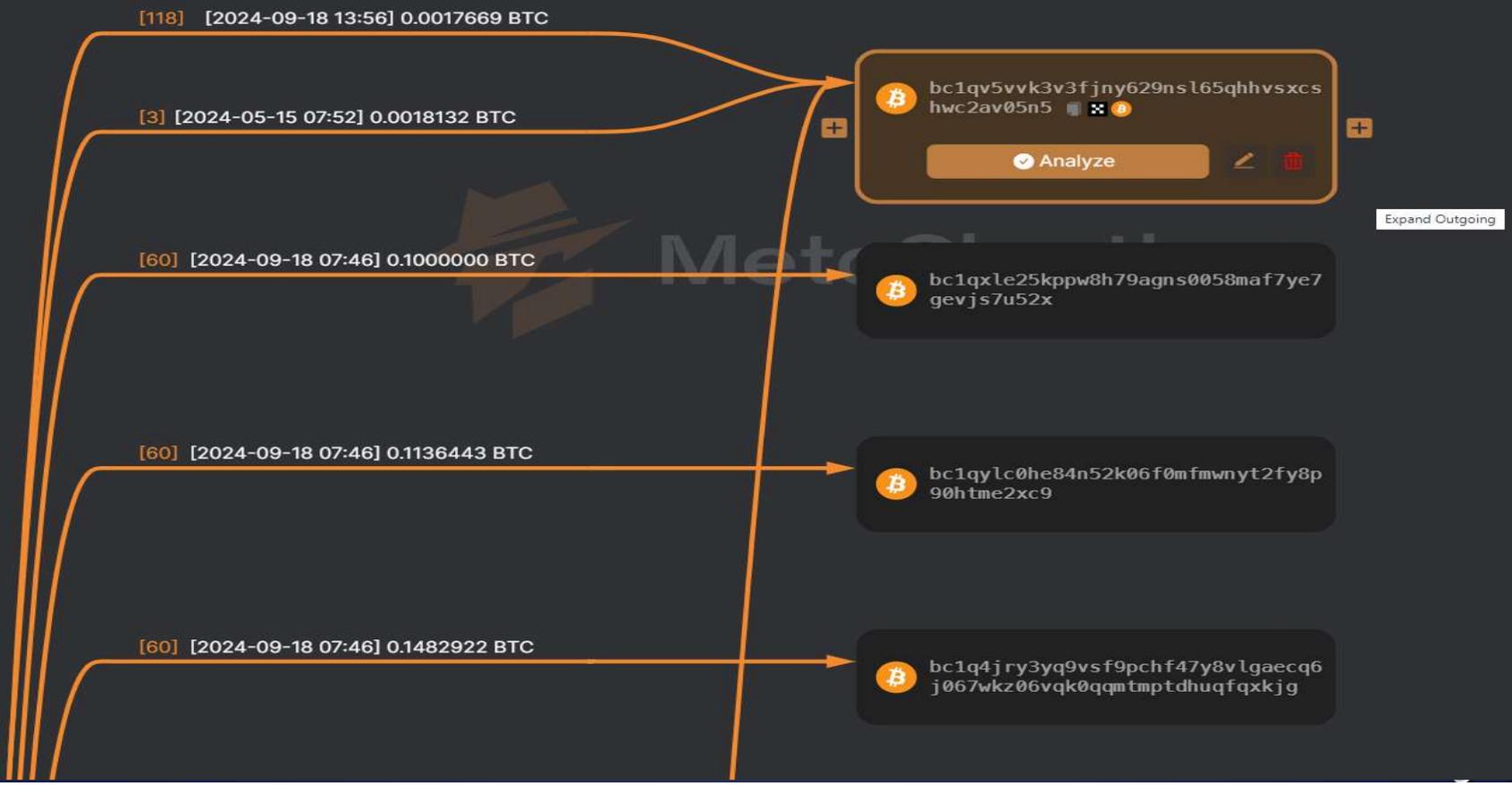
Address Token Add Address / Tx Add Memo

100% +

Node Shape  
Text Color  
Node Color



Node Shape  
[square] [circle]  
Text Color  
[black] [white]  
Node Color  
[orange]





bc1qv5vvk3v3fjny629ns165qhhvsxcs  
hwc2av05n5



Analyze



Analyze



Search for TxHash / Address / Block in 5 blockchains (BTC / ETH / BCH / LTC / ETC)

Explorer / Bitcoin Explorer / Top Address / Address

Address

bc1qv5vbk3v3fjny629nsl65qhhvscshwc2av05n5

+ Monitor

Summary

Format	P2WPKH_V0	Total Received	0.00369071 BTC
Balance	0.00369071 BTC	Total Sent	0 BTC
Balance Value	\$ 219.14	Txn Count	3
Other Explorers			BLOCKCHAIR

Transactions (3)

Filter: All Sort: Time Export Batch Accelerate

f9f02e2786a58687a4563956fdcff5f34ea0b1663ef9f69270d98ab0a2edbe35 861,855 13 Satoshis/vByte Fee:0.00001776 BTC 2024-09-18 15:57:57

Input (1)	15.94461283 BTC	→	Output (2)	15.94459507 BTC
bc1qmhq4sgtchfgh6u17...3rsuegt55mef0zx3ehm2	15.94461283		bc1qv5vbk3v3fjny629n...65qhhvscshwc2av05n5	0.00176691
			bc1qmhq4sgtchfgh6u17...3rsuegt55mef0zx3ehm2	15.94282816

+0.00176691 2 Confirmations

## BTC Address Monitoring

[Monitors List](#)

Bitcoin address monitoring includes monitoring of transferring in or out, security monitoring, and unconfirmed transaction monitoring. When the monitoring conditions are triggered, an email notification or a review of the monitoring log will be sent. Security monitoring includes monitoring for canceled or overridden transactions to help users understand trading anomalies in a timely manner.

### Monitor Address

bc1qv5vvk3v3fjny629nsl65qhhvscshwc2av05n5

### Email Notice

kurt.caestecker@outlook.com

### Monitor Type

#### Transaction action

Transfer in  Transfer out

#### Transaction Status

Confirmed  Unconfirmed txn  
 Security Monitoring(Canceled, Overridden)

### Monitoring Validity Period ⓘ

30 days  60 days  90 days

### Quantity Range (Optional)

Minimum BTC – Maximum BTC

### Monitor Remark (Optional)

Maximum 20 characters

Submit

Bitcoin 2.58 sats/vB

Home Blockchain Runes Inscriptions Developers More

Ads: Get OKX Wallet to securely manage and trade your crypto assets in one stop. Try the OKX Wallet

Address 335umQ4egqMjDo6wSXYwQZYPntZzMveNTJ Nested SegWit

This address is reported as Ponzi address. Please be aware of the risks! If you believe this is an error, please inform us.

Set your private label # Ponzi More

Historical balance

Overview

BTC balance 0 BTC

USDT balance 0 USDT

Inscription token holdings

0 tokens (\$0)

Txn info

Total txns 22,764 Txn fees 12.39235674 BTC

Total inscription txns 8,787

Total UTXO holdings 0

First txn receiving UTXO 07/07/2020, 00:42:38

Asset allocation

Total asset value: \$0



Transactions Token transfers Token balance

Output txns 12,254 (799,138.55612149 BTC)

Input txns 10,515 (799,251.55612149 BTC)



Bloxy

A Bitquery Product

API

About Bitquery ▾



Log in



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

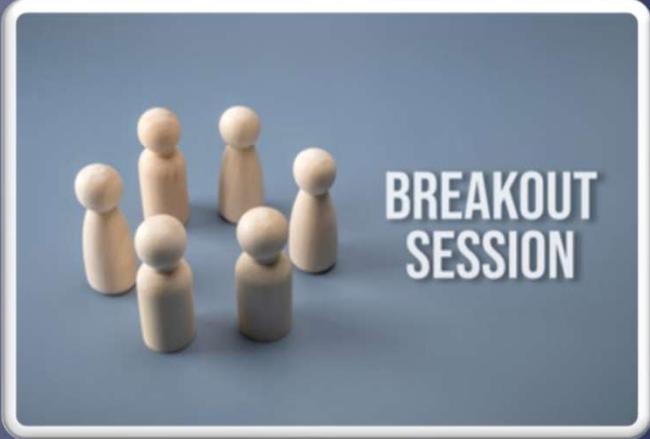
SEARCH IN BLOXY

# <https://bloxy.info/>

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Bloxy.info is part of product family. Other explorers by Bitquery:

LET'S BREAK  
OUT!



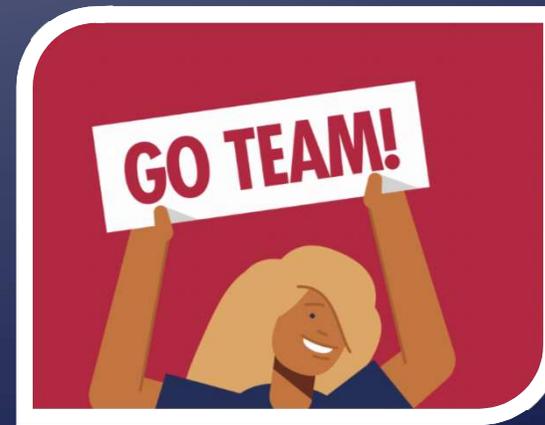
**OECD International Academy for Tax Crime Investigation**  
*Conducting Financial Investigations*



**Try to figure out what is going on!**

**Group 1 & 2:** 12e77269f92ce650e5278fe45fddd203358e7e5b9d156a51d79348db77e340f9

**Group 3 & 4:** bc1qv5vvk3v3fjny629nsl65qhhvsxcshwc2av05n5



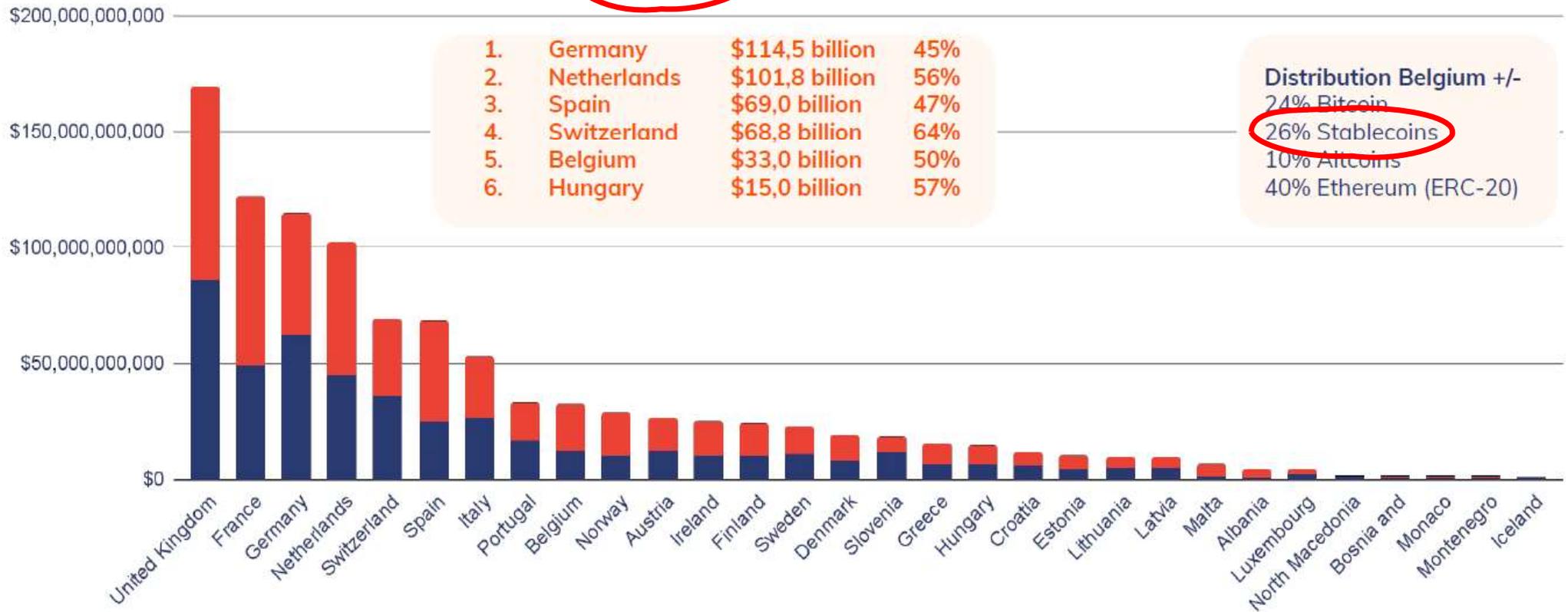
# Your countries combined received \$401 billion in estimated value between July '20 and June '21 (12 months)

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)

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

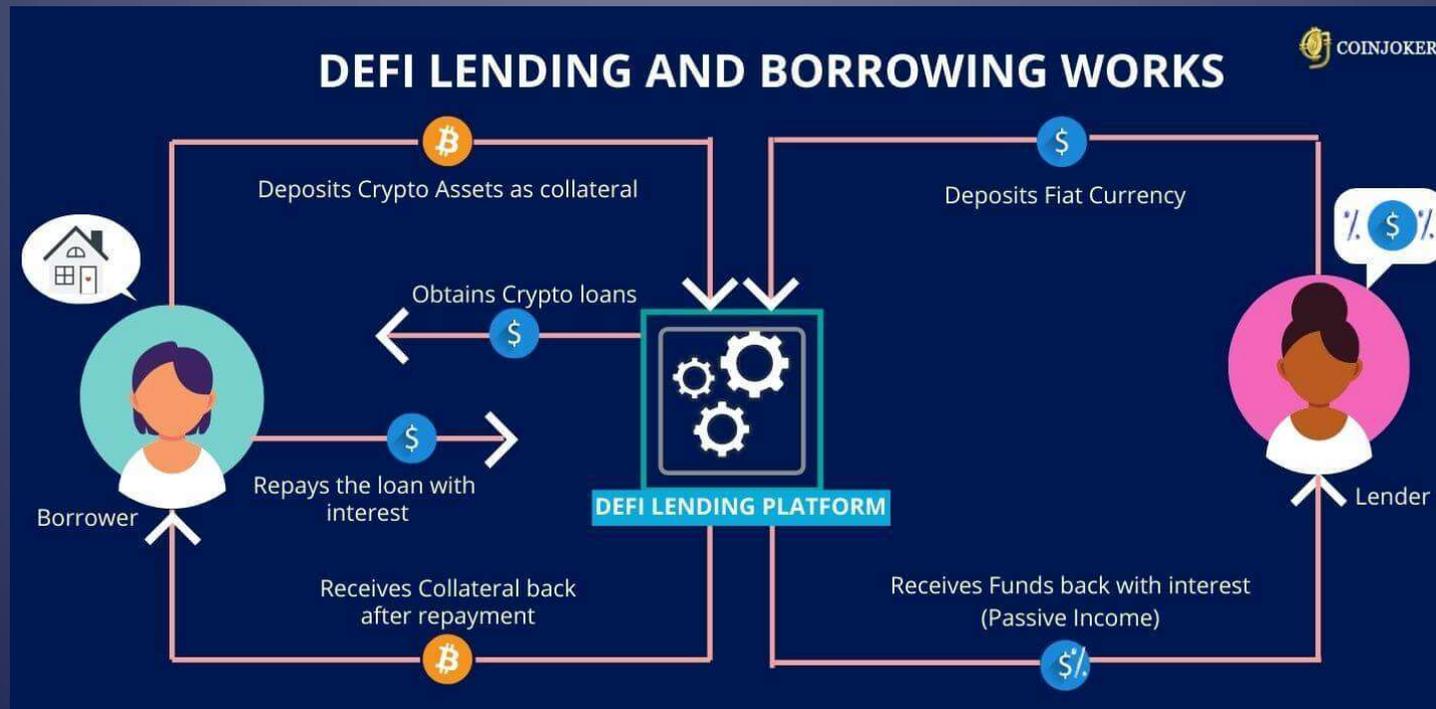
Lending stands for (temporarily) lending your cryptocurrencies to a platform. This platform then grants loans to companies or private individuals, without the intervention of intermediaries. At the same time, the DeFi lending protocol makes it possible for anyone in the world, anywhere, to earn interest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

Decentralized Finance

# DeFi



# DECENTRALIZED FINANCE





# WHAT IS A NFT?



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# NFT'S EXPLAINED

NFT stands for 'non-fungible token'.

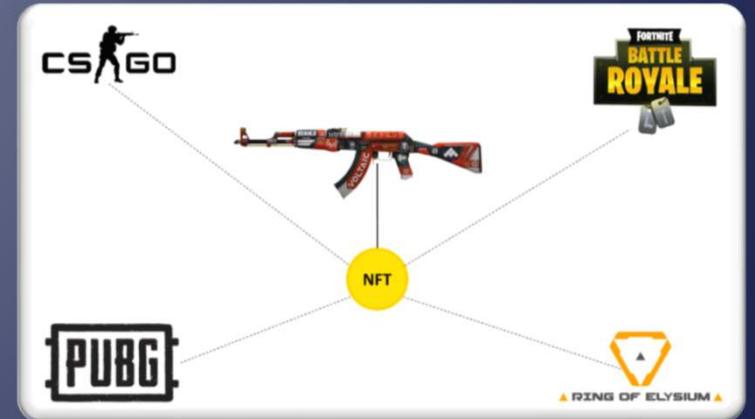
A NFT is a digital asset that links ownership to unique physical or digital objects!



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

## 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 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 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.



CRYPTO  
— REAL ESTATE —

<https://cryptorealestate.cc/>

- Asia
  - Australia
  - Europe
  - Middle East
  - North America
  - Central America
  - South America
  - Caribbean
  - Africa
- Dubai**
  - Bahrain
  - Israel
  - Turkey

# Buy Real Estate With Bitcoin

Location

All

Property Type

All

Min Price

All

Max Price

All



Search

CRYPTO REAL ESTATE

Advance Search

## Featured Properties

Explore our featured real estate properties, available for purchase with Bitcoin & crypto.

Location

Property Type

Min Price

Max Price

All

All

All

All



Search

# Real Estate in Dubai for Bitcoin & Crypto

Date New to Old



Explore our properties available for sale with Bitcoin & crypto in Dubai



19

For Sale

## 6-Bedroom Villa With Stunning Interiors And Scenic Views

FronD G - Dubai - United Arab Emirates

6 8 1310.11 sq ft 9+2

For Sale

\$21,780,472 / ~~฿358.571~~



16

For Sale

## Garden Homes Frond O, Palm Jumeirah

FronD O - The Palm Jumeirah - Dubai - United Arab Emirates

6 7 629.32 sq ft

685.90 sq ft

For Sale

\$12,523,771 / ~~฿206.179~~



16

For Sale

## Garden Homes Frond B, Palm Jumeirah

FronD B - The Palm Jumeirah - Dubai - United Arab Emirates

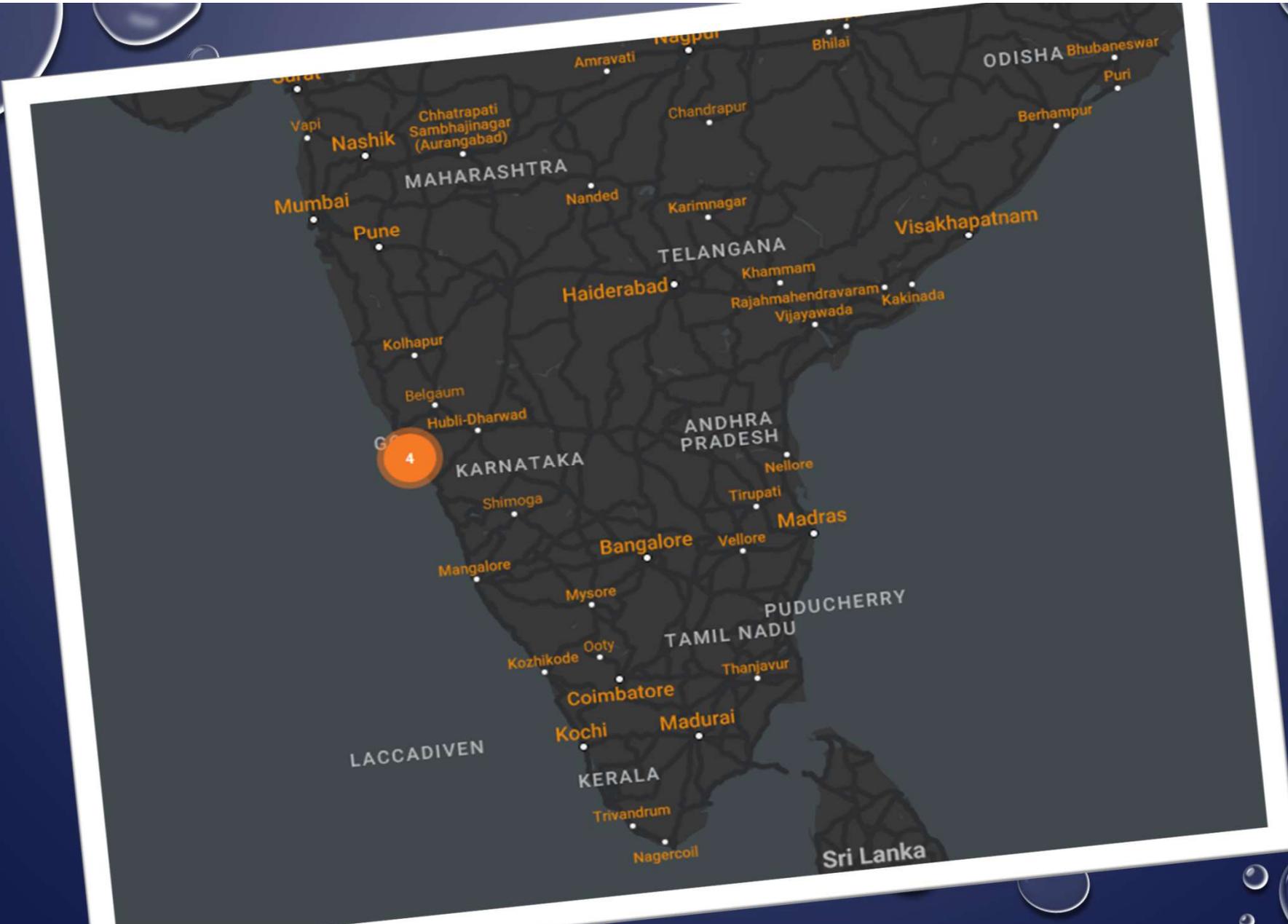
5 6 532.33 sq ft

681.90 sq ft

For Sale

\$15,246,330 / ~~฿251.000~~







5 room luxury Villa for sale in  
Agonda, Goa

\$707,800 / B11.652



Agonda

**NFT**

**NON-FUNGIBLE TOKEN**

# CRIMINAL ABUSE OF NFTS

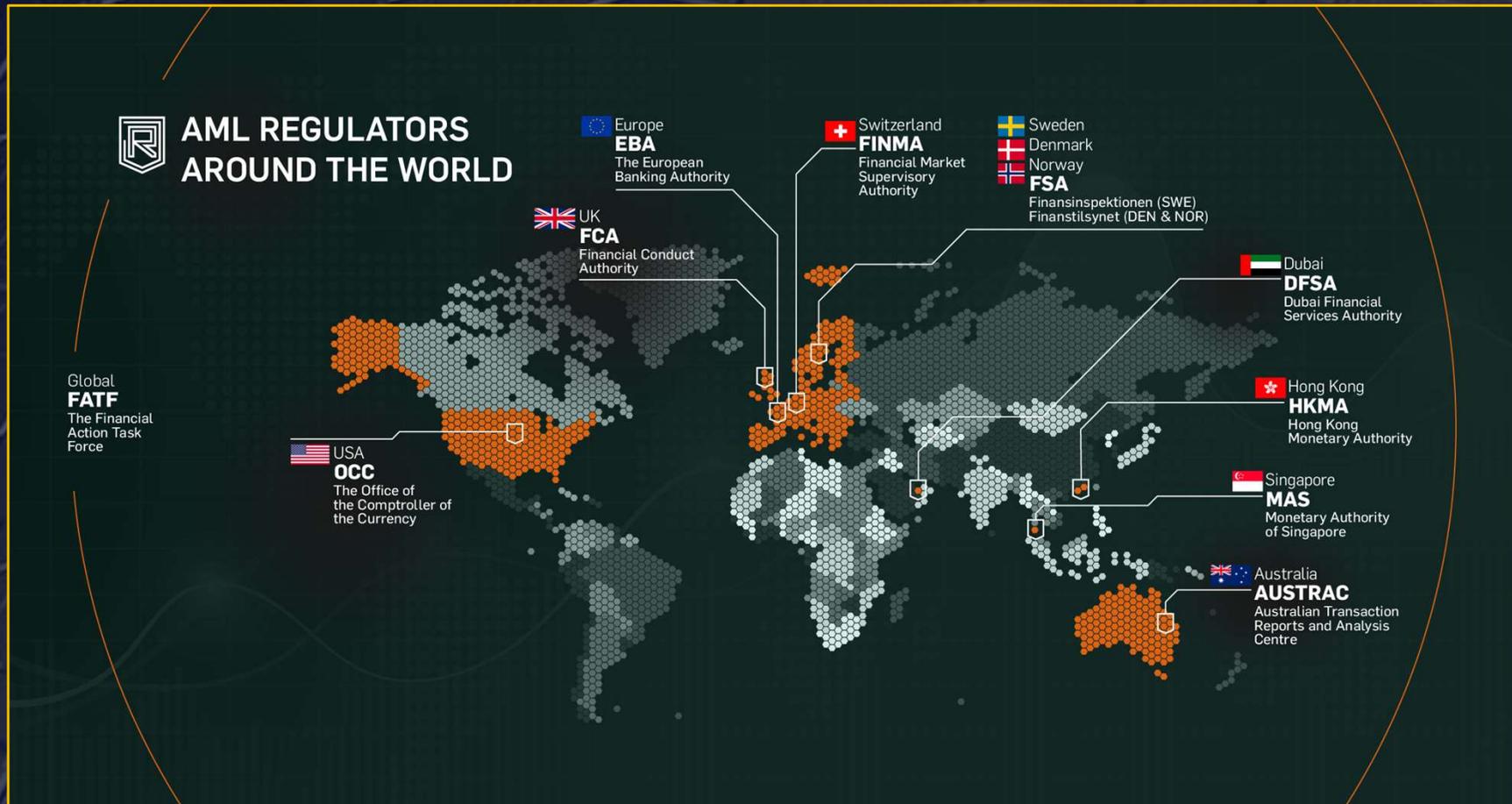


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# VULNERABILITIES



**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.



# NOTHING HAS CHANGED



**Dirty/illicit money**

A photograph of a briefcase filled with stacks of US dollar bills and a handgun.

**Convert into crypto**

A graphic showing two dollar signs (\$) on the left and three Bitcoin symbols (₿) on the right, with arrows pointing from the dollars to the Bitcoins.

**Buy a NFT (or create a NFT)**

A stylized logo for "NFT" in white letters inside a blue hexagonal frame with a glowing effect.

**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!**

A smaller version of the "NFT" logo from the previous step.

**Convert into fiat money**

A graphic showing icons for Bitcoin, Ethereum, and Litecoin on the left, with three arrows pointing to a large green dollar sign (\$) on the right.

# ONLINE GAMBLING





***MONEY LAUNDERING***

***THROUGH VIDEO GAMES***

**ONLINE GAMBLING**

**<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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← Back

# Breeding 200

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



# 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	599	ETH, MATIC, KLAY	Utility, Collectibles, Trading Cards, Art, Domains, Virtual Worlds, Sports, Gaming Assets	2.50%	X	X	2018
GhostMarket	10	SOUL, NEO, BSC, MATIC, AVAX, ETH	Art	2.00%	✓	X	2020
Crypto.com NFT Platform	9	CRO	Collectibles	0.00%	✓	X	2021
HoDooi.com NFT Marketplace	3	BSC	Art, Collectibles	15.00%	X	X	2021
BMall	10	ETH, MATIC, KLAY		1.00%	X	X	2022
Waxstash Marketplace	10	WAX	Trading Cards, Collectibles	0	X	X	2020
Blockparty Marketplace	10	ETH	Art	0	✓	X	2020
World of Ether Marketplace	1	ETH	Trading Cards, Collectibles, Gaming Assets	0	X	X	2018
MLB Champions Marketplace	1	ETH	Sports, Gaming Assets	0	X	X	2018
Enjin Marketplace	21	ETH	Trading Cards, Art, Virtual Worlds, Utility, Domains, Gaming Assets	0	X	X	2019
SuperRare	10	ETH	Art	15.00%	X	X	2018
Sorare Marketplace	1	ETH	Sports, Trading Cards, Gaming Assets	0.00%	✓	X	2018

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



# 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.



NET



BITCOIN

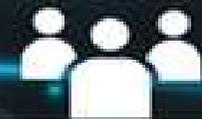


BLOCKCHAIN

# METAVVERSE



OCCUPATION



ENTERTAINMENT



FINANCE



GAMES



MONEY



EDUCATION



CRYPTOCURRENCY



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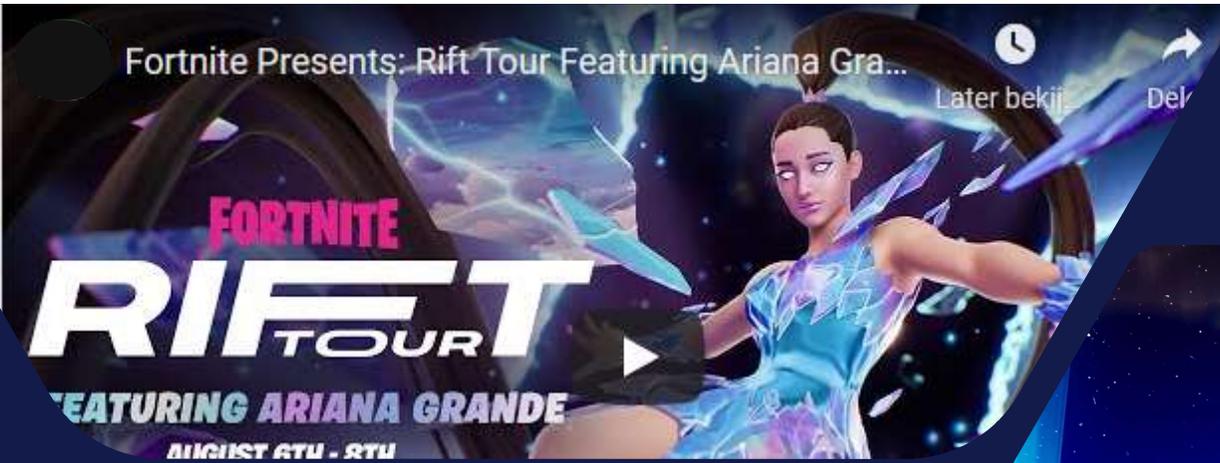
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**The banks are also exploring the Metaverse: JP Morgan opens a lounge in Decentraland.**



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**  
15<sup>th</sup> - 17<sup>th</sup> February 2023  
Athens, Greece



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



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Conducting Financial Investigations



# LAW ENFORCEMENT AND THE METAVERSE



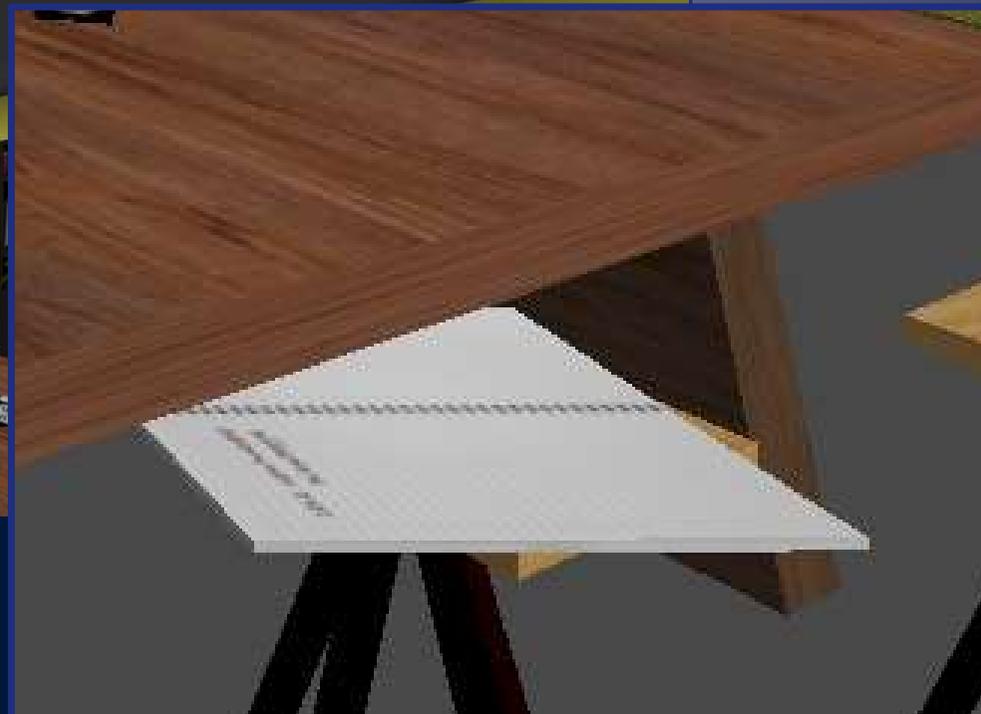
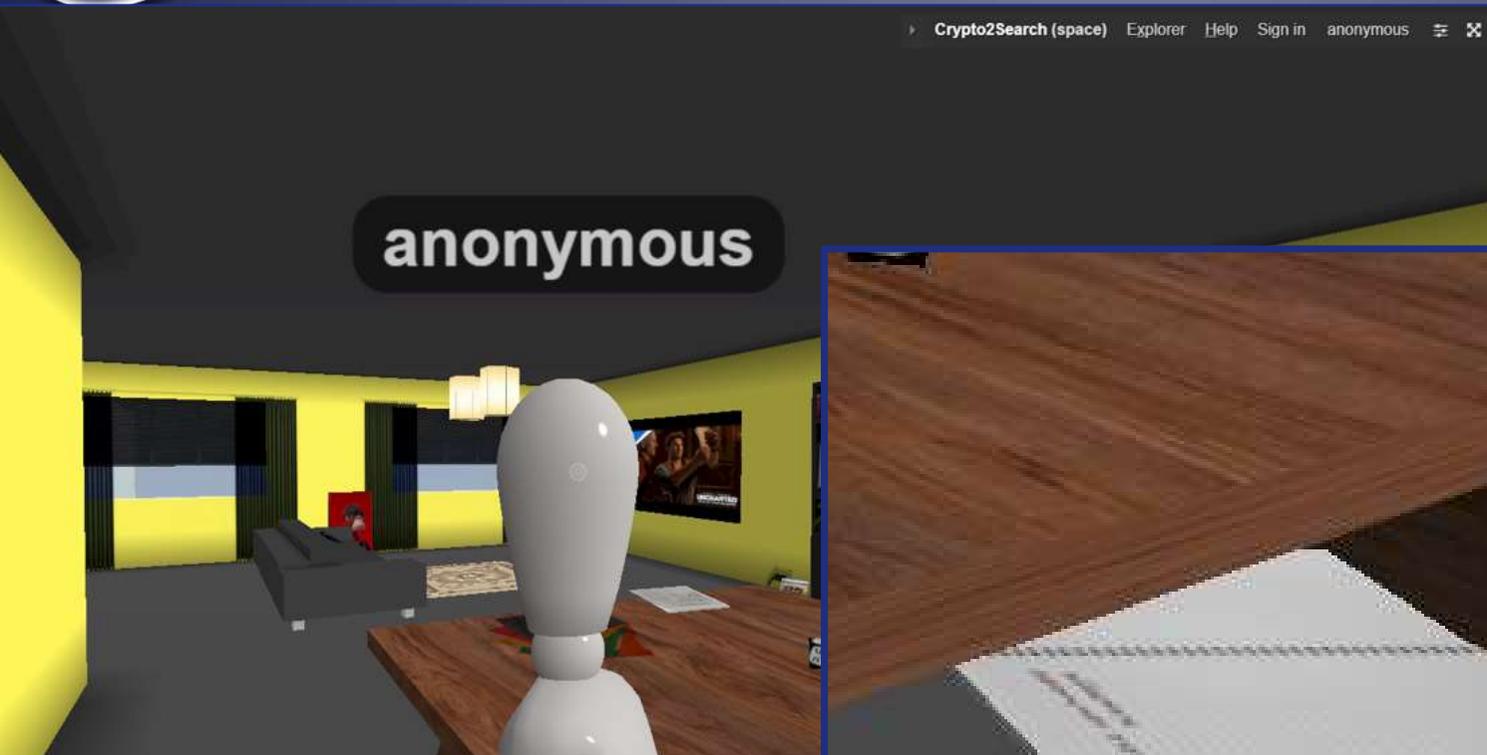
ENLETS Secretariat  
Polish Platform for Homeland  
Security (PPHS)  
Slowackiego 17/11 Street  
60-822 Poznań | Poland



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# LAW ENFORCEMENT AND THE METAVERSE



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

 **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 simulated an attack as nothing more than digital fiction, but police in Belgium opened an investigation for

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 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...





INTERPOL

# METaverse

## A LAW ENFORCEMENT PERSPECTIVE

Use Cases, Crime, Forensics, Investigation, and Governance



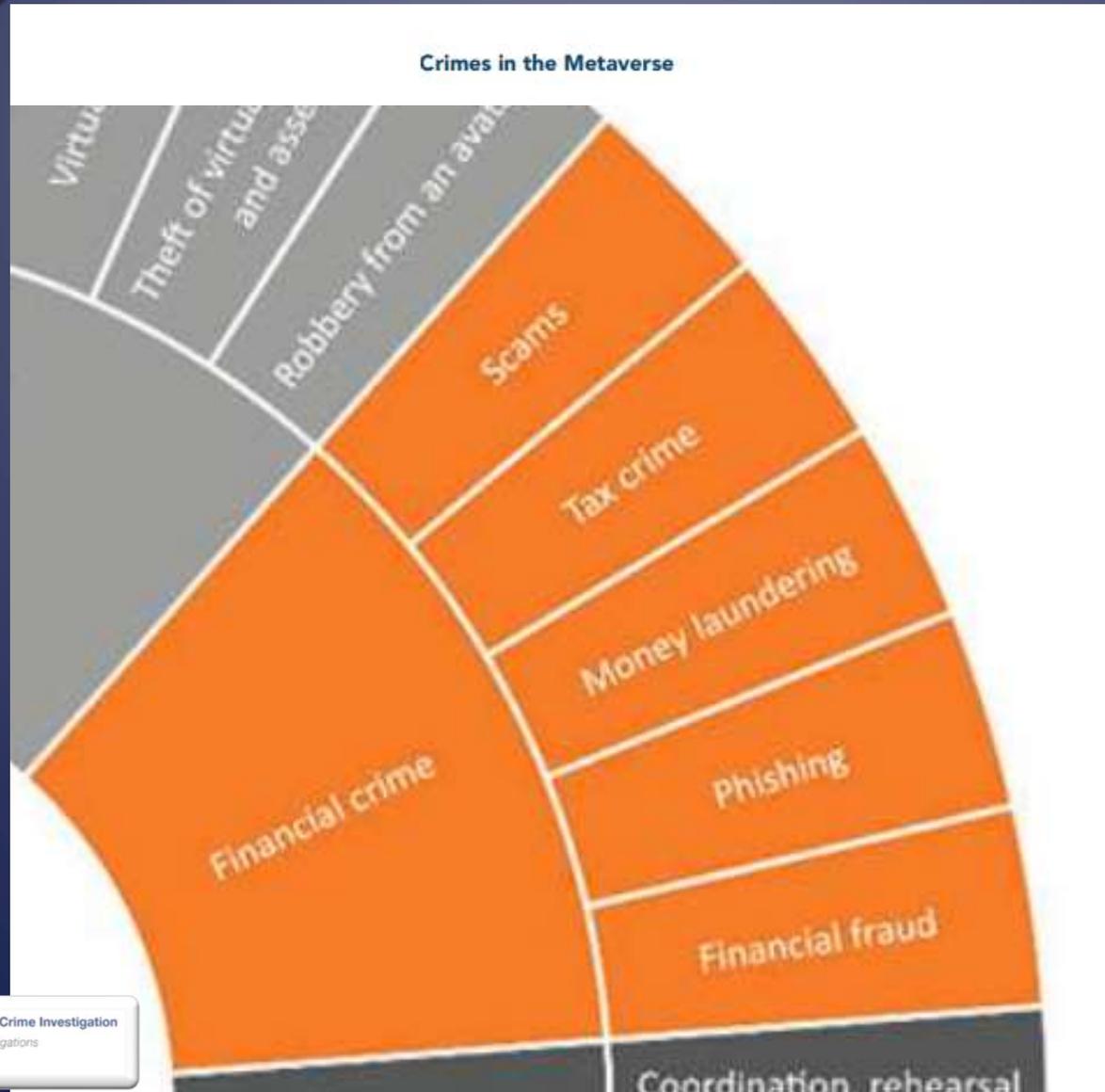
INTERPOL



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# Typology of crimes in the Metaverse.



## Typology of crimes in the Metaverse.

### 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.



INTERPOL



### **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, Benzinger, and Yahoo Finance.

[ENTER THE METAVERSE](#)

# Hyper realistic Metaverse.

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



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Thank you