

Benefits to criminals

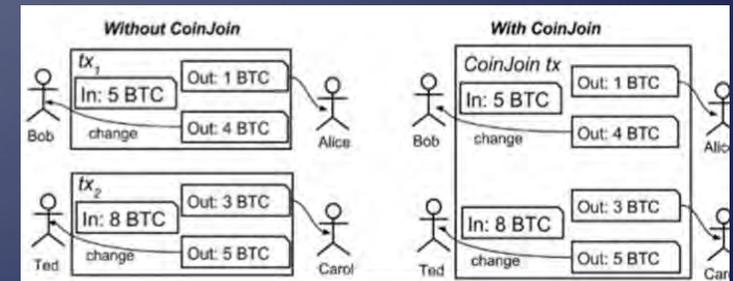
- Accounts can't be frozen if identified
- Exchanges without KYC (know your customer)
- Limited law enforcement skillset
- Decentralised nature avoids reporting mechanisms
- Bitcoin ATM's and smurfing



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

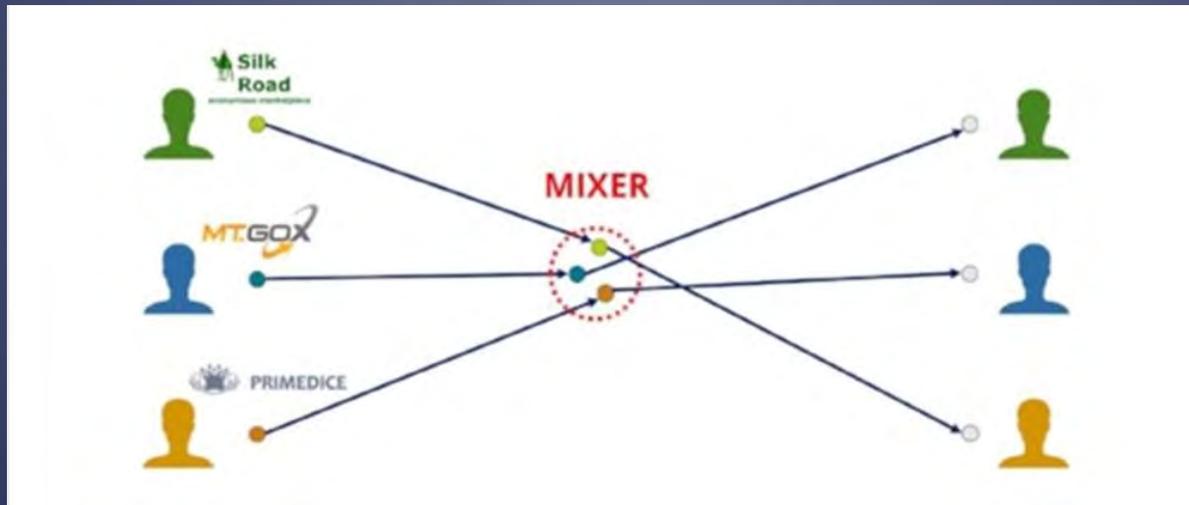


TAX EVASION

- 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.

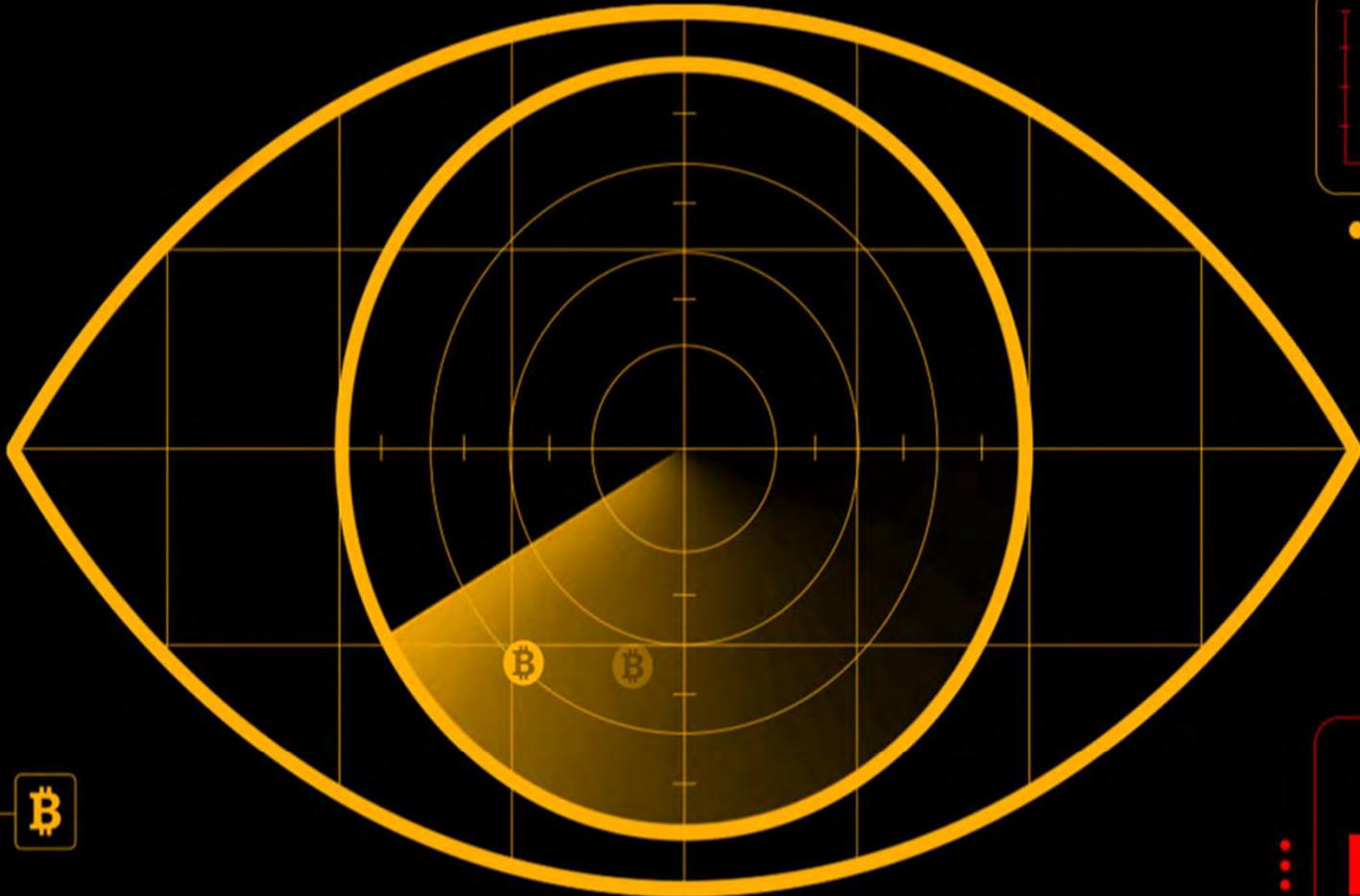
Several hours later, the hackers opened dozens anonymous accounts on Binance, the world's largest cryptocurrency exchange, enabling them to convert the stolen funds and obscure the money trail using coinmixers.



BINANCE



FORENSIC TOOLS



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



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?

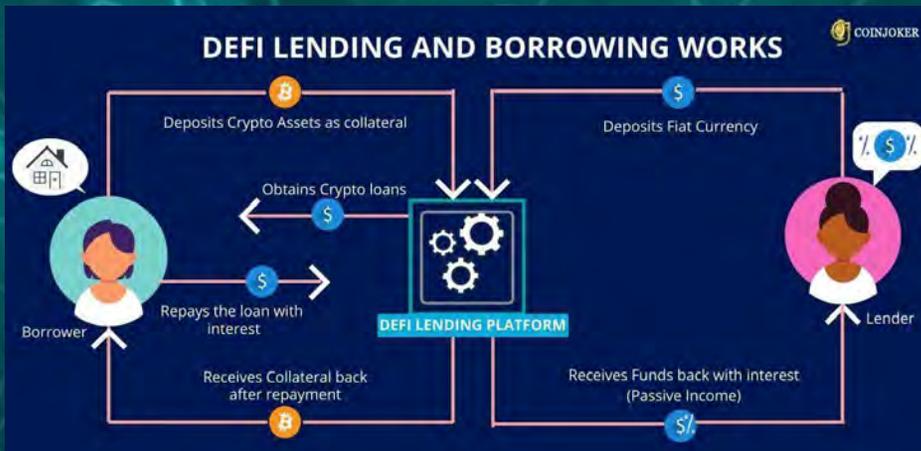
Lending

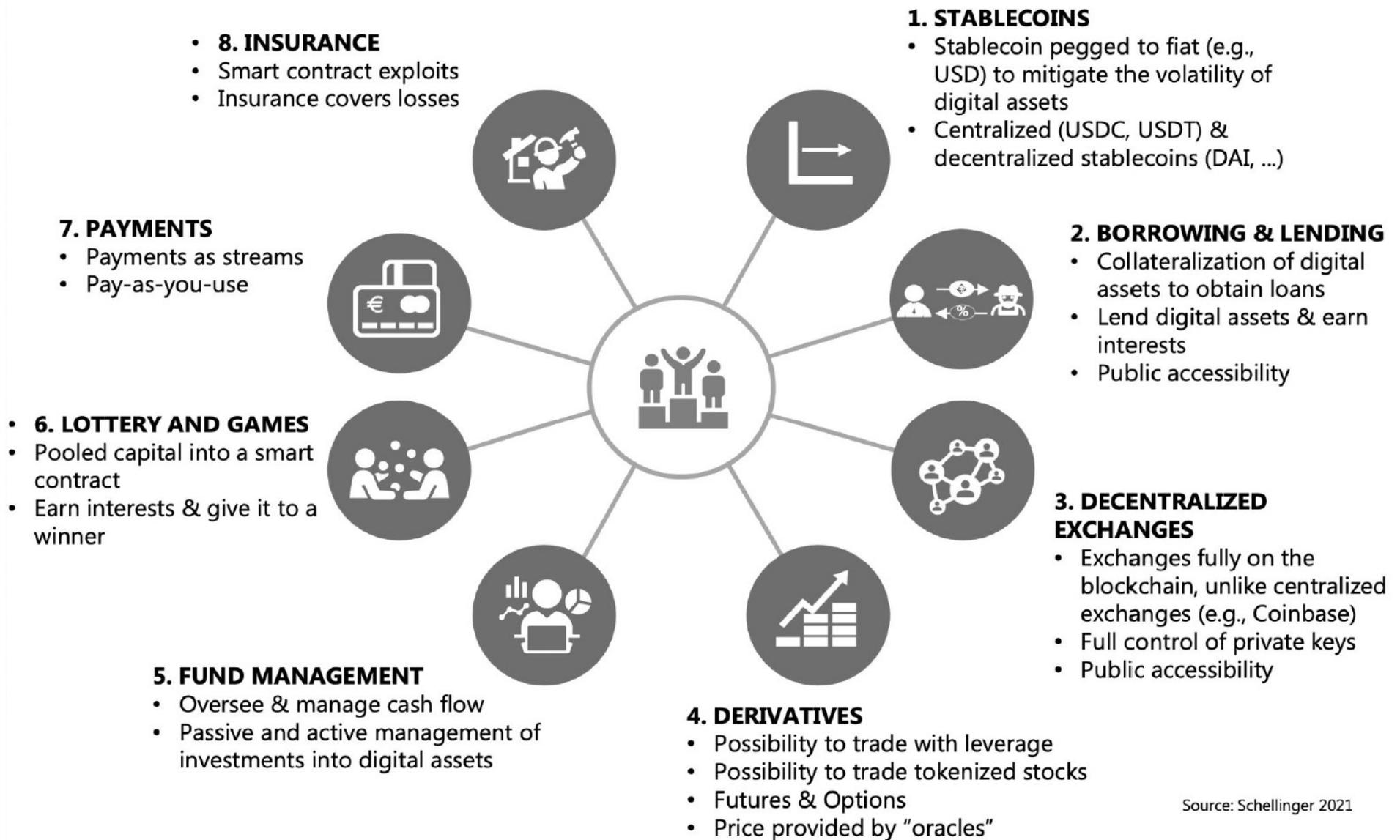
Lending stands for (temporarily) lending your cryptocurrencies to a platform. This platform then grants loans to companies or private individuals, without the intervention of intermediaries. At the same time, the DeFi lending protocol makes it possible for anyone in the world, anywhere, to earn interest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



Decentralized Finance

DeFi





Source: Schellinger 2021



TODAY'S QUESTIONS:

- WHAT IS A NFT?
- WHAT IS IT BEING USED FOR?
- ARE THEY TAXABLE?
- WHAT ARE THE CHALLENGES?
- CASE SELECTION?

NFT
NON-FUNGIBLE TOKEN



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Conducting Financial Investigations





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.

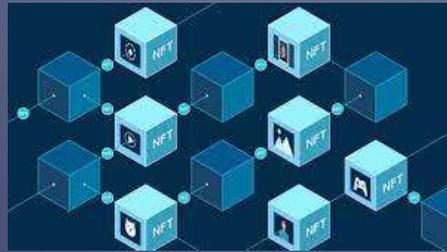
Buy

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**.

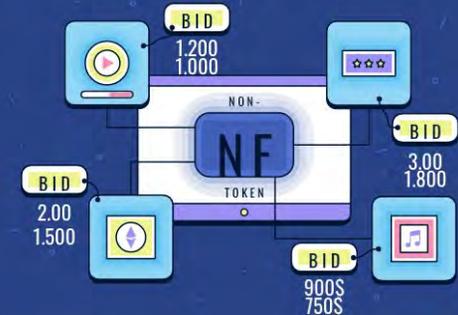
Smart contract are supported by multiple blockchains like, Ethereum, Solana, Tezos, Binance Smart Chain, etc.

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.

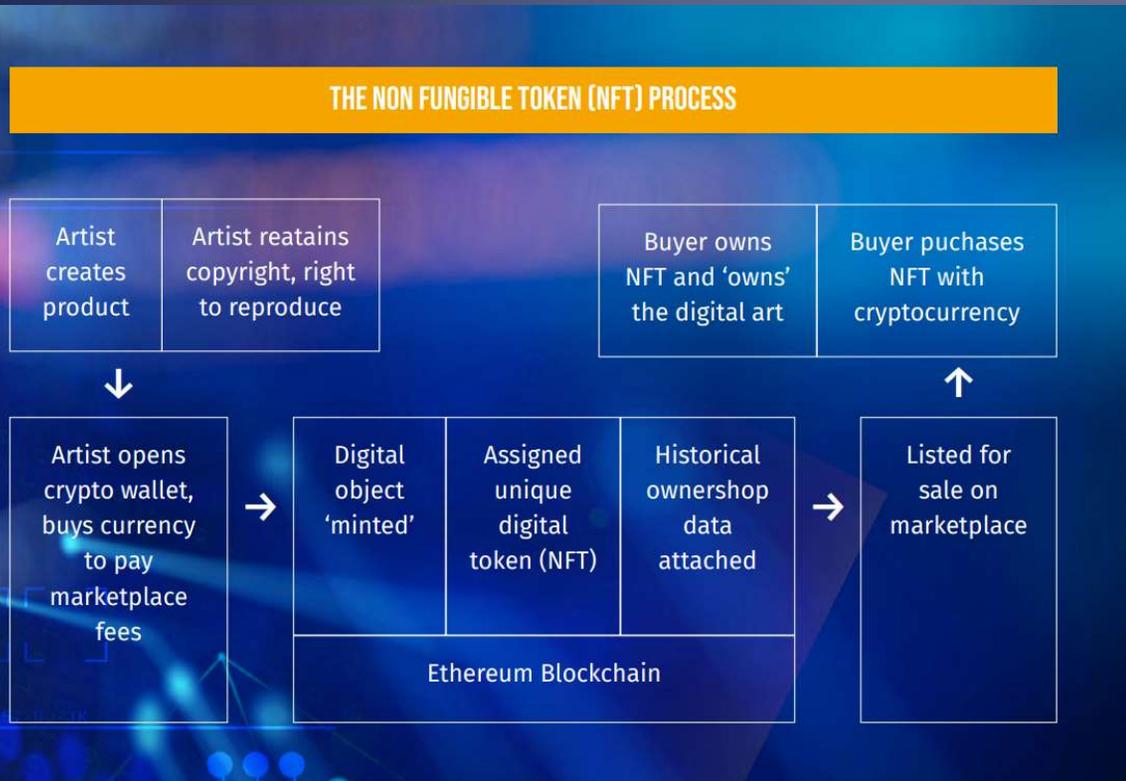
How Do NFTs work | Learn All About How Does an NFT Work



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

NFT'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

AAAAAAAAUUUUUGGGHHHHH
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
The Official PROOF PFP

Moonbirds
by PROOF_XYZ

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



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 All...

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/snoopdoag>



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](#) ✓

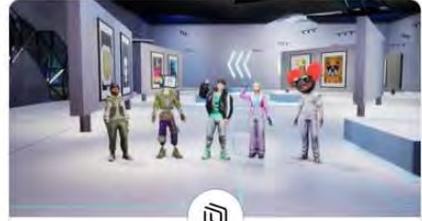
A collection of dynamic NFTs that change in appearance over time based on player and team on-...



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



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](#)

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

Price History

All time



No item activity yet

NFT PLATFORMS



OpenSea

Explore Stats Resources Create

THE ASSOCIATION ^{NFT}

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 + 0.018 floor price + 5.7K total volume

Items Activity

Price low to high

29,992 items

Player	Team	NFT ID	Price
White	Bulls	#26463	+ 0.018
Riwn	Brooklyn	#28530	+ 0.0196
Forest	Jazz	#19055	+ 0.0199
Forest	Jazz	#11265	+ 0.02
Honga	Pacers	#27265	+ 0.02
Bolmiro	Minnesota	#17454	+ 0.02
Pachall	Jazz	#21377	+ 0.02

Conducting Financial Investigations



NFT PLATFORMS



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

4/29

Listings

JAMES HARDEN

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 screenshot shows a browser window with the OpenSea website. The address bar displays the URL: <https://opensea.io/assets/ethereum/0xd7bea2b69c7a1015aadaa134e564eee6d34149c0/20716>. The page title is "The Association NFT #20716". The main content area is titled "Item Activity" and includes a filter section with "Sales" and "Transfers" selected. Below the filter is a table of activity:

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

Below the table is a section titled "More From This Collection" showing four NFT thumbnails with titles: "HYLAID", "NTLIKINI", "UMIGA", and "UMIGA".

Conducting Financial Investigations



NFT PLATFORMS



A screenshot of a web browser displaying the OpenSea profile page for a user named "WhaleMfer". The browser's address bar shows the URL "https://opensea.io/WhaleMfer". The OpenSea logo and a search bar are visible at the top of the page. The profile section features a large purple circular profile picture, the name "WhaleMfer", and a highlighted Ethereum address "0xc855...782c" with the text "Joined March 2022" next to it. Below the profile information, there are tabs for "Collected 342", "Created", "Favorited 362", "Activity", and "More". At the bottom of the screenshot, a partial view of another interface shows a search bar with the text "Search by name" and a "Recently listed" dropdown menu.

OECD



WhaleMfer - Profile | OpenSea x Address 0xc855d03edb308080e70f0fbc4e2f3be7c383782c

https://etherscan.io/address/0xc855d03edb308080e70f0fbc4e2f3be7c383782c

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

Home Blockchain Tokens Resources More Sign In

Address 0xc855d03edb308080e70f0fbc4e2f3be7c383782c Buy Exchange Earn Gaming

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
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This website uses cookies to improve your experience and has an updated Privacy Policy. [Got it](#)



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](https://etherscan.io/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c)

Ethereum

BscScan

[https://bscscan.com > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c](https://bscscan.com/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c)

Binance Smart Chain

PolygonScan

[https://polygonscan.com > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c](https://polygonscan.com/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c)

Polygon (Matic)

Rinkeby Testnet

[https://rinkeby.etherscan.io > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c](https://rinkeby.etherscan.io/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c)

Ethereum Testnet

PolygonScan Testnet

[https://mumbai.polygonscan.com > address > 0xc855d03edb308080e70f0FBC4e2f3BE7c383782c](https://mumbai.polygonscan.com/address/0xc855d03edb308080e70f0FBC4e2f3BE7c383782c)

Polygon (Matic) Testnet

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WhaleMfer - Profile | OpenSea x Address 0xc855d03edb308080e70f0fbc4e2f3be7c383782c x

https://etherscan.io/address/0xc855d03edb308080e70f0fbc4e2f3be7c383782c

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

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 Creyzies: CREYZIES To...	0 Ether	0.00053328
0x68e435b8d5ec0d007b...	Set Approval For...	15140453	1 hr 17 mins ago	0xc855d03edb308080e7...	OUT Creyzies: 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	0.00126896
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

[Download [CSV Export](#)]

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Download Data (Transactions)

The information you requested can be downloaded from this page. Before continuing **please verify that you are not a robot** by completing the captcha below.

Export the earliest 5000 records starting from

To

Tick to include txn private notes

 Ik ben geen robot



reCAPTCHA
Privacy - Voorwaarden

Download

Tip: To avoid the 30 secs timeout, please select a small Date range

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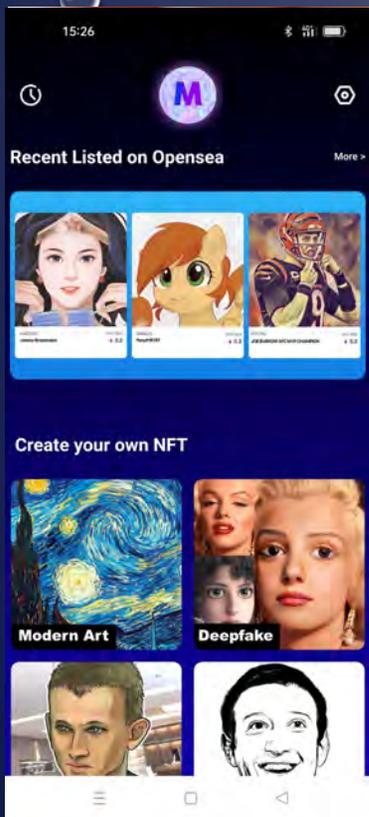


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	
	Filehash	BlockID	Unit	Time	Date/Time	From	To	Contract	Addr	Value_IN(ETH)	Value_OUT(ETH)	CurrentValue @ 10/85/9/E	TxnFee(ETH)	TxnFee(USD)	Historic	Status	ErrCode	Method
1	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	114	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0.1	0	108.59	0.00037215613712	0.49368493429861	2861.26			Transfer
2	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	117	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.0012262301028194	109.3216718776184	2861.26			Register Proxy
3	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	117	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.001175201056633564	127.693.287.546.354	2861.26			Set Approval For All
4	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	119	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	378.219.641	4,107.087.081.619	0.00047064089876	0.61039840196349	2861.26			Transfer
5	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	122	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.377	4,093.883	0.000445161977346008	113.433.053.220.003	2861.26			Deposit
6	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	2003/02/22	123	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.000988754677968393	108.454.732.198.682	2861.26			Approve
7	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	21/03/2022	16.88	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.3389	34,623.351	0.00044516195474089	808.436.154.829.313	2895.01			Atomic Match
8	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	21/03/2022	22.07	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.12	130.308	0.00834583569078516	908.274.326.882.745	2895.01			Atomic Match
9	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	0.36	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	11.463	124,476.717	0.1173691421033844	127.481.309.044.031	2370.47			Atomic Match
10	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	2.21	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.22	238.888	0.01929540135683048	129.542.876.333.382	2970.47			Atomic Match
11	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	2.59	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.888	3,642.792	0.01079238641475074	117.201.039.507.166	2970.47			Atomic Match
12	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	3.10	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.0133750197861482	151.754.733.887.783	2970.47			Atomic Match
13	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	3.13	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.385	3,277.144	0.01651083019135654	179.291.114.818.642	2970.47			Atomic Match
14	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	13.49	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.311	3,277.144	0.00136382830707798	148.076.463.019.698	2970.47			Deposit
15	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	22.21	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.14	152.028	0.012561791208235	136.408.554.335.022	2970.47			Atomic Match
16	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	22.27	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.016	162.888	0.0102697716504344	111.630.271.325.617	2970.47			Atomic Match
17	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	22/03/2022	22.30	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.069	749.271	0.0003890133885049	911.985.108.375.237	2970.47			Atomic Match
18	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	2.22	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00098493266730040	104.784.298.443.163	3032.98			Atomic Match
19	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	2.33	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.309	3,355.431	0.0077550407774172	116.213.390.555.243	3032.98			Atomic Match
20	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	3.16	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.1225	13,202.275	0.01037434895864195	164.337.344.884.275	3032.98			Atomic Match
21	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	4.39	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.424	4,604.216	0.010792040488331	171.468.060.682.158	3032.98			Atomic Match
22	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	4.59	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.010792040488331	171.468.060.682.158	3032.98			Atomic Match
23	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	4.59	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.000612316231315	173.877.742.396.331	3032.98			Atomic Match
24	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	4.49	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.000612316231315	173.877.742.396.331	3032.98			Atomic Match
25	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	7.17	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.0008082305780771	136.408.554.335.022	3032.98			Atomic Match
26	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	7.17	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00031686804721654	109.321.671.877.618	3032.98			Atomic Match
27	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	23/03/2022	11.23	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0.36236689	383.494.314.444	0.000532541952363	0.578287306077497	3032.98				Transfer
28	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.08	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0.31	336.629	0.00120523219074147	782.416.163.562.177	312.85			Atomic Match
29	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.17	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
30	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
31	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
32	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
33	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
34	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
35	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c			0	0	0	0.00036796492884201	401.561.368.185	312.85			Atomic Match
36	08f58443c34713c33440532863801794624460c33c461b7663a095d4e2a	1E-07	2E-09	24/03/2022	3.18	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c	0xc85d03e0827d7f1e0ea0641dbae53ad2a0a4e83a3d9c											

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:

PROPY

PRODUCTS ▾ PRICING COURSE RESOURCES ▾ ABOUT

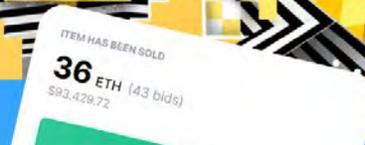
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SIGN IN

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



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

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Tell Us About Yourself

First name*
Kurt

Last name*
Caestecker

Email*
kurt.caestecker@telenet.be

Phone number
[Empty field]

Country/Region
Belgium

State/Region
[Empty field]

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*
New York

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



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

\$350,000

Accepted currencies:

USD ETH BTC view more...

For sale by owner | Published on June 29, 2022

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.



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RAFFLE



MISSIONS



STAKING

FEATURED ENDING SOON

New to Raffle?
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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





Lily ✓
LILY #4679
NFT Floor Price: 10,95 Total Ticket Value: 13,45

Details Participants Transactions

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 raffle 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 raffle in escrow and can be claimed by the winner or creator once the draw is done.
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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!

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POPULAR TOOLS



FAMOUS TOKEN MARKET



RAFFLE



MISSIONS



STAKING



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

[FOXES](#) [UTILITY](#) [SFOXY](#) [DENS](#) [MERCH](#) [CONNECT WALLET](#)

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.

Global % of Foxes Staked	You've staked	Total Minimum USD Locked	Total Minimum SOL Locked

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](#)
- [DEN](#)
- [MERCH](#)
- [CONNECT WALLET](#)

Only on Solana!

FAMOUS FOX FEDERATION

Stay orange, my friends.



POPULAR TOOLS



ding platform Citrus is now live! P2P lending platform Citrus is now live! P

FOXES

UTILITY

SFOXY

DENS

MERCH

CONNECT WALLET

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.

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NFT

NON-FUNGIBLE TOKEN

CRIMINAL ABUSE OF NFTS

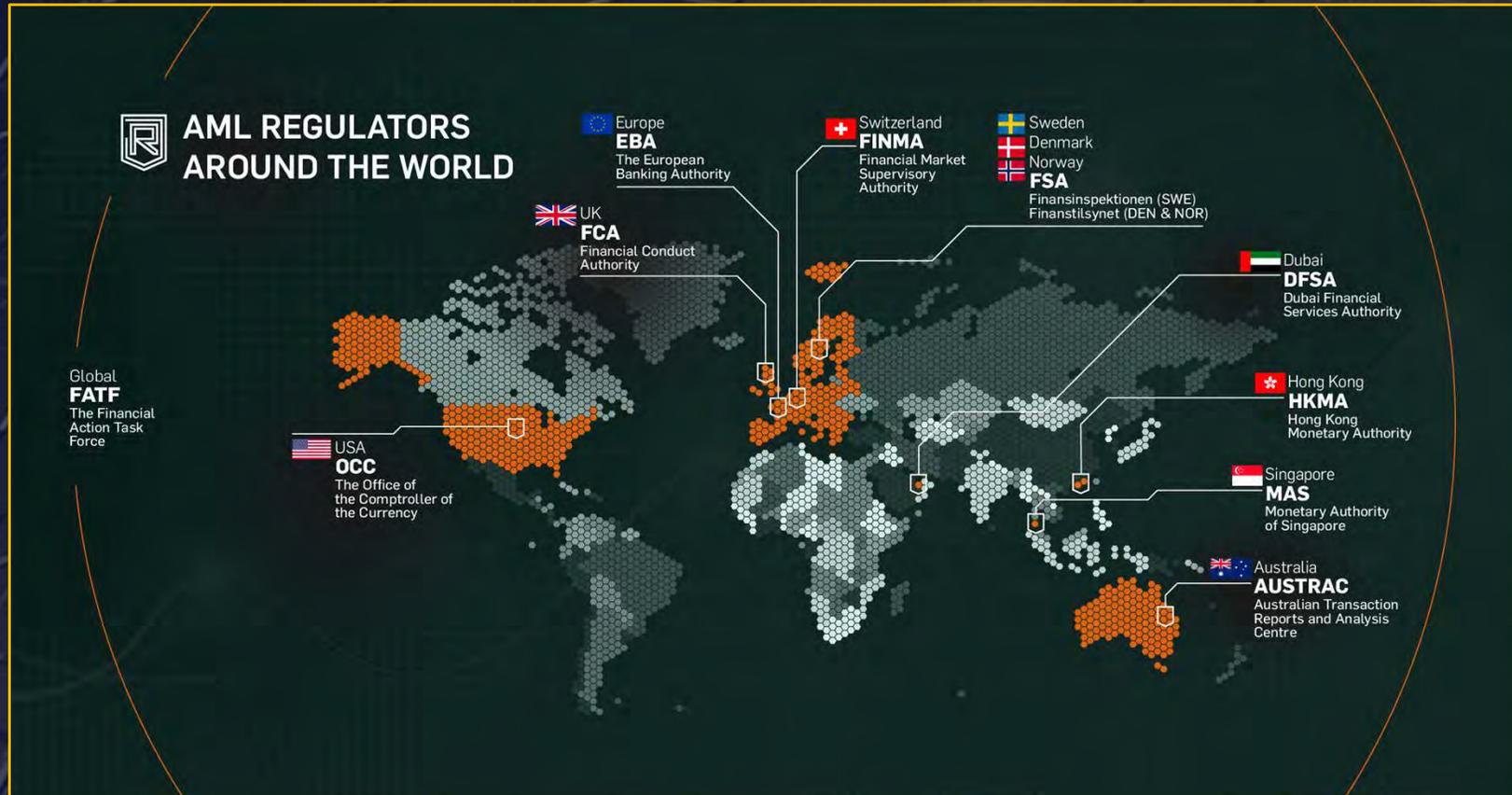


OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



VULNERABILITIES



NFTs are currently NOT bound by laws and regulations!

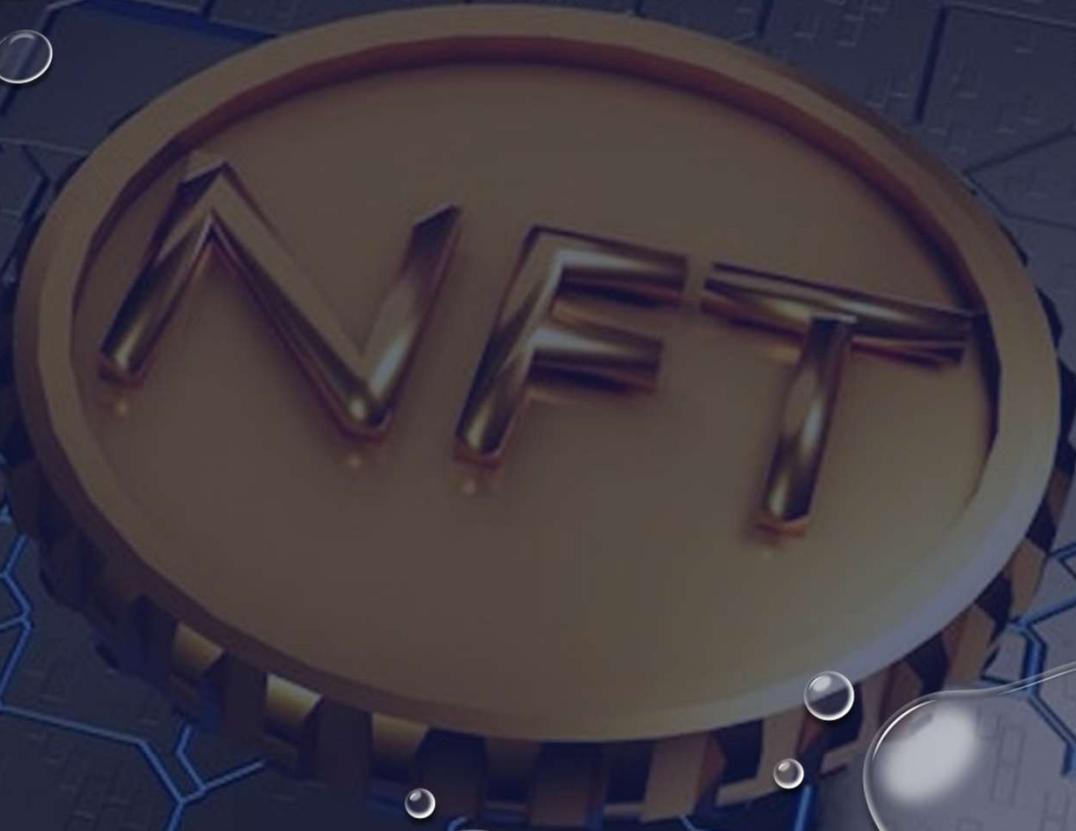
VULNERABILITIES

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



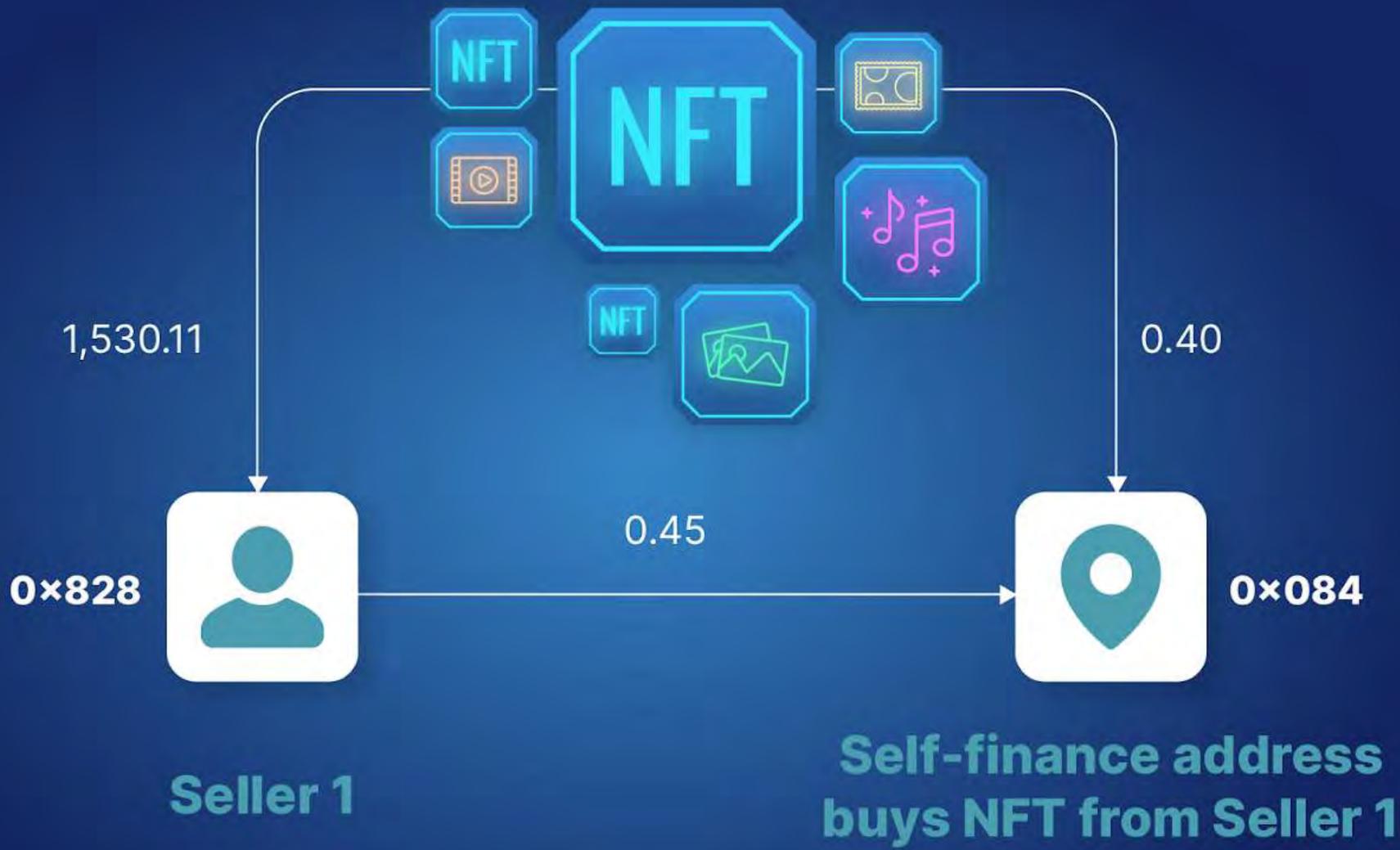
WASH TRADING

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



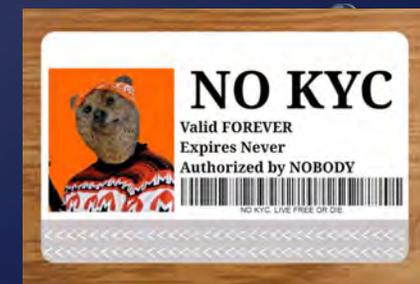
Create an account WITH KYC and a verified bank account



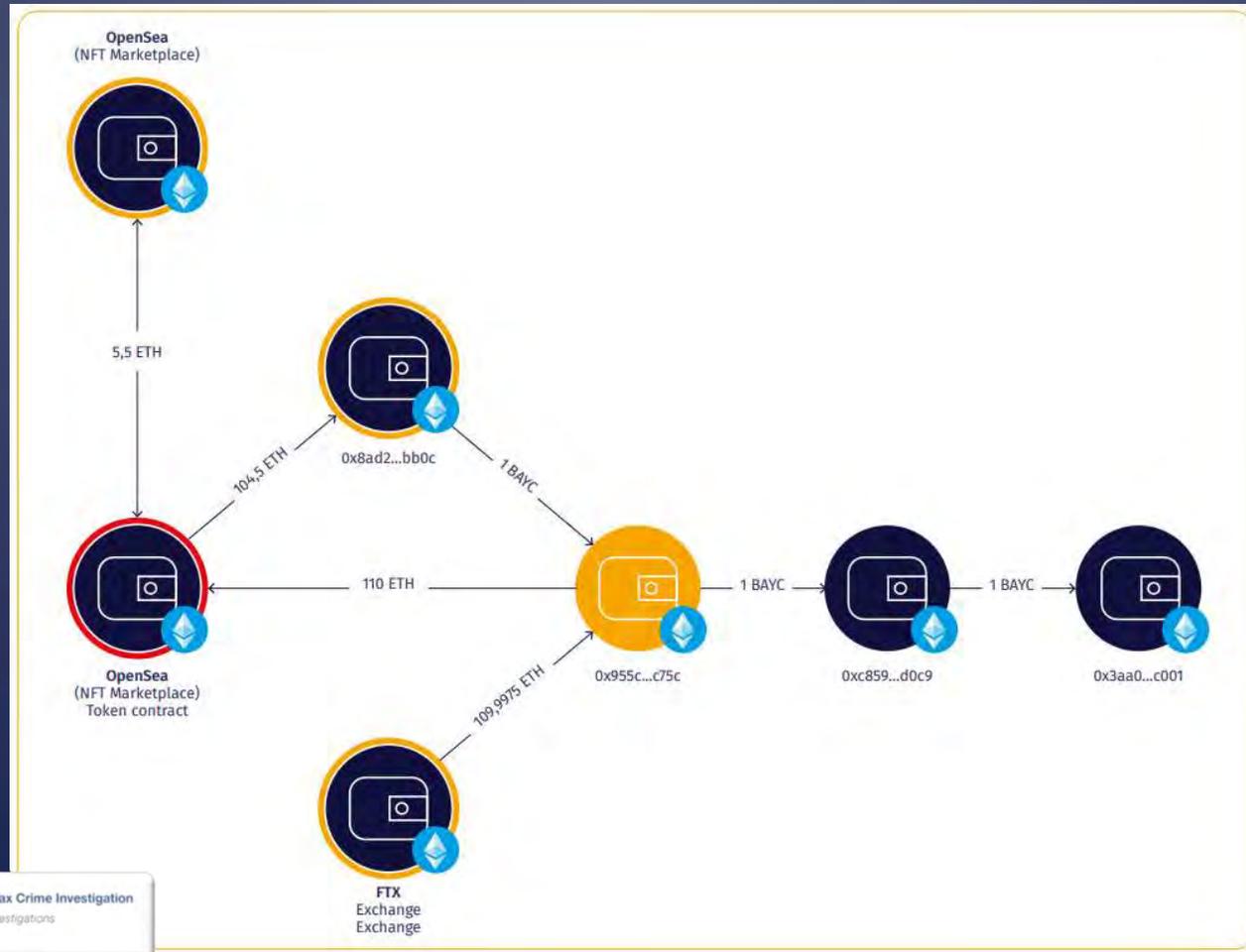
Buy your own NFT back!



Convert into fiat money



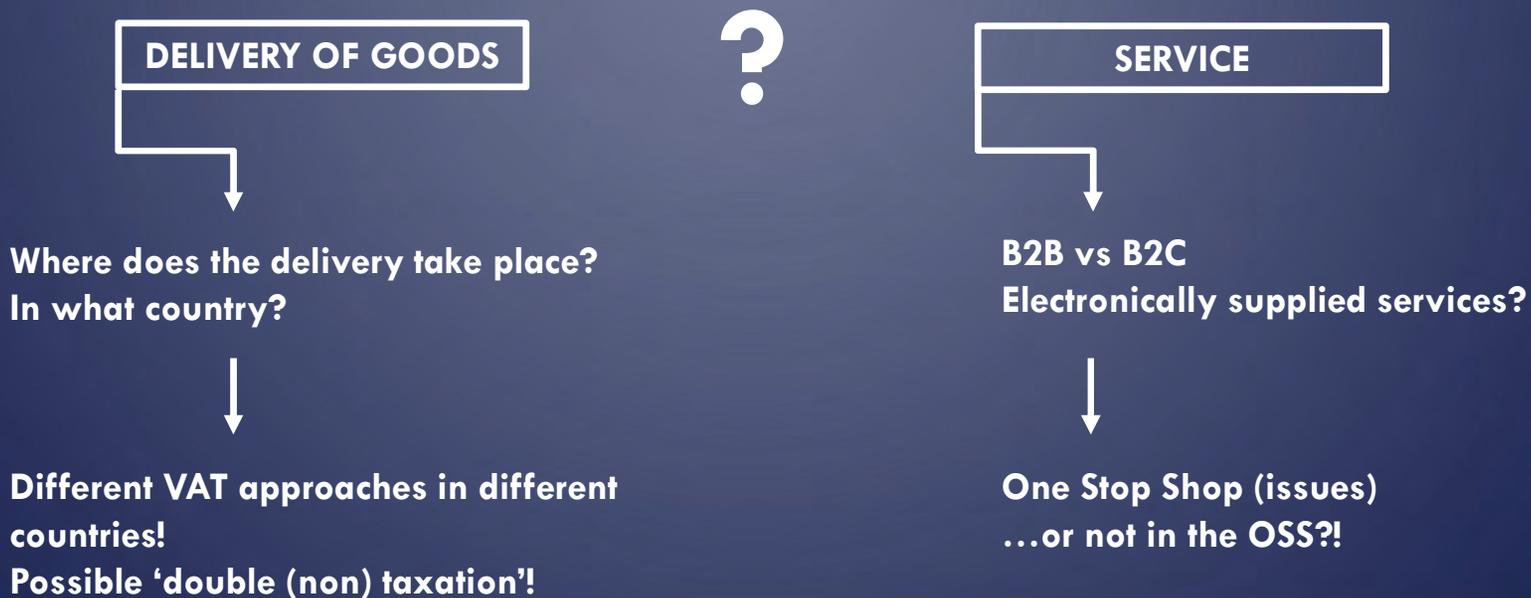
WHAT DOES A NFT TRANSACTION LOOK LIKE?



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!



The image features a dark, almost black background. In the upper and lower portions, there are wisps of smoke or flames. The smoke is primarily a deep, vibrant blue, while the flames are a bright, fiery orange and yellow. The overall effect is dramatic and intense, suggesting a high-stakes or dangerous situation.

ARE YOU
READY FOR IT

**THERE
MAY BE
TROUBLE
AHEAD.**

MT(IC) FRAUD VIA NFT'S



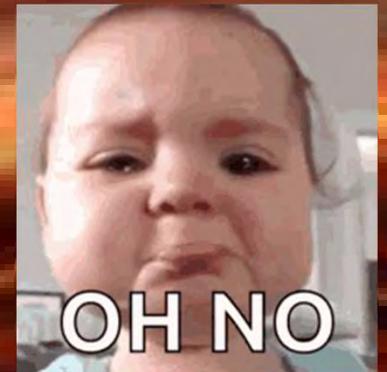
Belgian company
buys an NFT from...



...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	ETH, MATIC, KLAY	ETH, MATIC, KLAY	Utility, Collectibles, Trading Cards, Art, Domains, Virtual Worlds, Sports, Gaming Assets	2.50%	✗	✗	2018
GhostMarket	SOL, NEO, BSC, MATIC, AVAX, ETH	SOL, NEO, BSC, MATIC, AVAX, ETH	Art	2.00%	✓	✗	2020
Crypto.com NFT Platform	CRO	CRO	Collectibles	0.00%	✓	✗	2021
HODOOO.com NFT Marketplace	BSC	BSC	Art, Collectibles	15.00%	✗	✗	2021
EMail	ETH, MATIC, KLAY	ETH, MATIC, KLAY		1.00%	✗	✗	2022
Waxtash Marketplace	WAX	WAX	Trading Cards, Collectibles	0	✗	✗	2020
Blockparty Marketplace	ETH	ETH	Art	0	✓	✗	2020
World of Ether Marketplace	ETH	ETH	Trading Cards, Collectibles, Gaming Assets	0	✗	✗	2019
M.B Champions Marketplace	ETH	ETH	Sports, Gaming Assets	0	✗	✗	2018
Enjin Marketplace	ETH	ETH	Trading Cards, Art, Virtual Worlds, Utility, Domains, Gaming Assets	0	✗	✗	2019
SuperRare	ETH	ETH	Art	15.00%	✗	✗	2018
Socare Marketplace	ETH	ETH	Sports, Trading Cards, Gaming Assets	0.00%	✓	✗	2020

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

METaverse



'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.





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



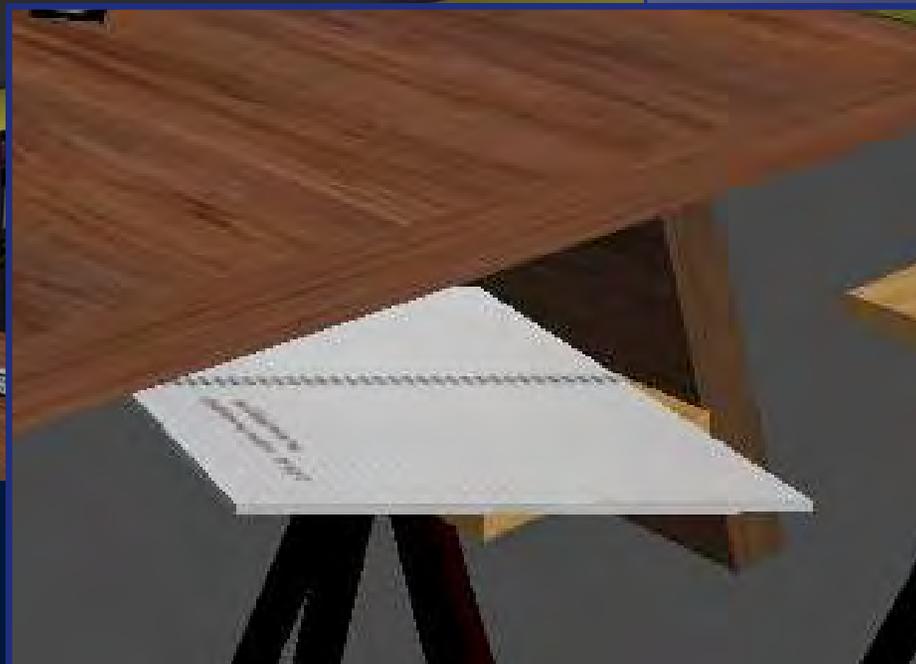
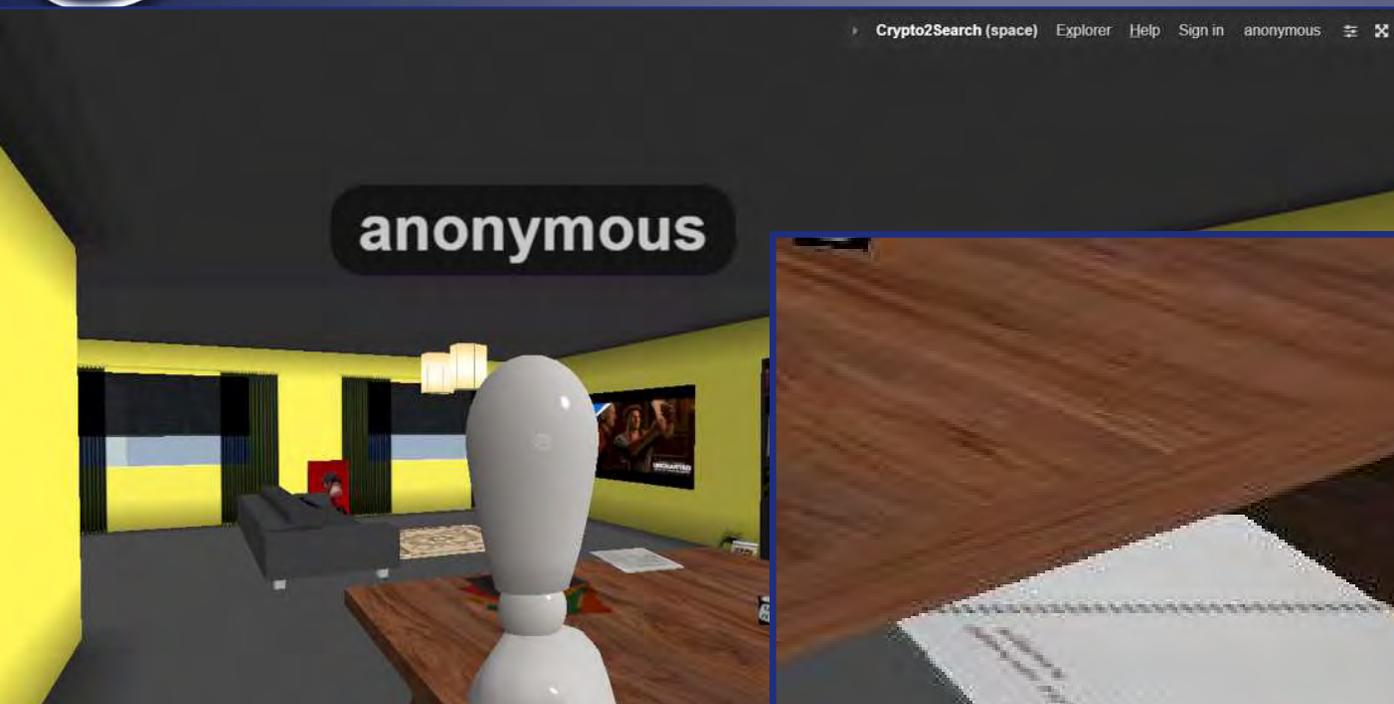
ENLETS Secretariat
Polish Platform for Homeland
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Słowackiego 17/11 Street
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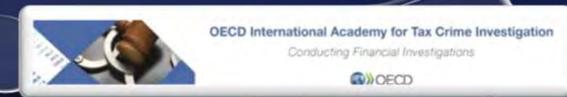
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METaverse READINESS

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	📶	🏠	📄	📊	🔍	📈
1 Netherlands	106.51	\$46.17	14.8	\$5,770	24,137	7.74
2 Switzerland	122.76	\$63.73	36.9	\$4,391	30,238	7.61
3 Lithuania	87.21	\$11.13	17.2	\$1,111	10,625	7.39
4 Malta	87.36	\$36.19	-	\$1,532	30,936	7.31
5 France	105.23	\$28.92	4.0	\$1,445	26,559	6.96
6 Sweden	98.45	\$35.41	5.9	\$1,821	22,504	6.80
7 United Kingdom	66.22	\$39.01	23.8	\$991	21,991	6.77
8 Denmark	156.06	\$48.95	7.0	\$2,110	17,416	6.74
9 Luxembourg	93.22	\$55.44	34.4	\$1,262	28,807	6.46
10 Canada	111.76	\$68.26	14.3	\$760	29,585	6.45
11 Republic of Ireland	70.49	\$55.62	13.7	\$8,450	21,021	6.42
12 United States	167.36	\$55.00	11.9	\$510	21,719	6.32
13 Romania	123.31	\$9.00	2.7	\$420	12,446	6.32
14 Germany	75.09	\$27.81	3.3	\$2,523	16,305	6.30
15 Cyprus	33.44	\$44.89	42.8	\$72	34,082	6.24
16 Finland	92.12	\$36.13	10.1	\$991	13,967	6.13
17 Latvia	61.62	\$18.08	-	\$1,032	9,075	6.13
18 New Zealand	133.44	\$59.33	14.1	\$219	21,844	6.07
19 Czech Republic	48.15	\$22.74	6.1	\$3,858	8,883	6.06
20 Austria	62.74	\$44.99	6.6	\$2,376	19,696	6.05
21 Hungary	101.08	\$15.06	1.6	\$2,026	6,055	5.95
22 Slovakia	51.89	\$16.69	5.1	\$1,546	7,250	5.89
23 Slovenia	69.64	\$45.61	12.3	\$1,241	14,115	5.82
24 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 bloggers dismissed the simulated attack as nothing more than digital fiction, but police in Belgium opened an investigation against the perpetrator

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, it will become easier for terrorists to select and target vulnerable people and tailor their messages to their biases. That will enable them to more 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...



EURSOPOL

LET'S BREAK
OUT!

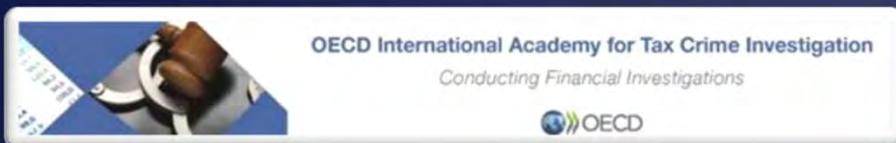


A horizontal banner with a white background. On the left side, there is a small image of a magnifying glass with a wooden handle, positioned over a document with some text. To the right of this image, the text "OECD International Academy for Tax Crime Investigation" is written in a dark blue font. Below this, in a smaller, lighter blue font, is the text "Conducting Financial Investigations". 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 dark blue font.



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 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 _____ COUNTY
ing in the case of _____ No. _____ County
, 20 _____ Court _____ under _____



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.

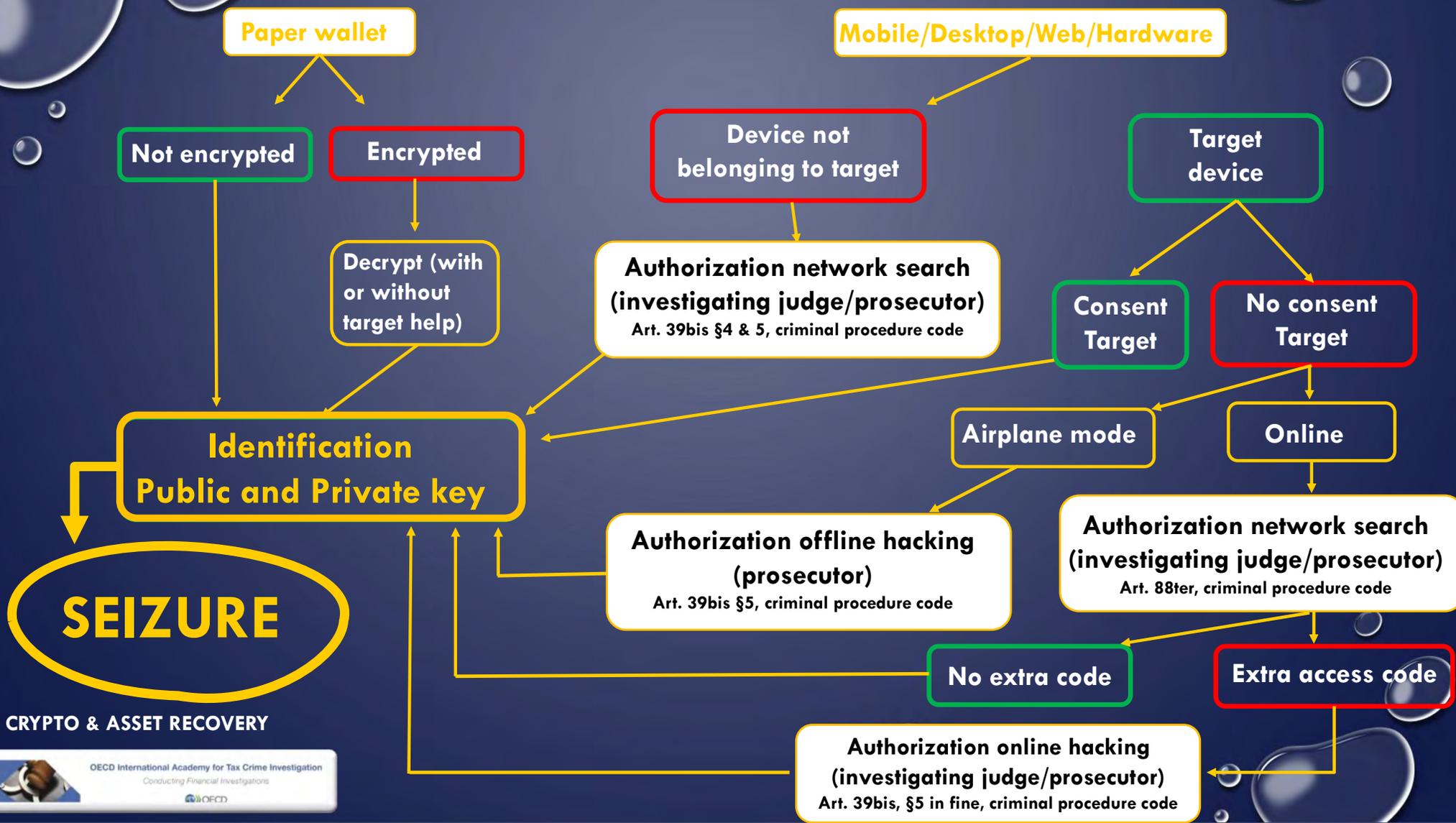
It is necessary on ever occasion to fully record the transaction history, addresses linked to the wallet and amount of cryptocurrency remaining. The matter can then be discussed with FI's at a later point to identify if there are any proceeds of crime opportunities over historic values or holdings of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



CRYPTO & ASSET RECOVERY

Central Agency for Seizure and Confiscation

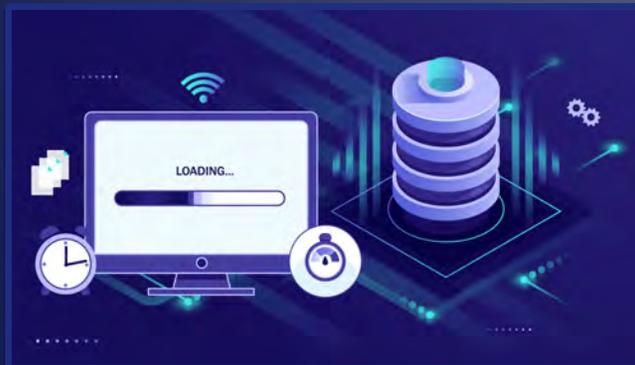


Speed is of the essence!

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!



CRYPTO



Thank 4 u

OECD International Academy for Tax Crime Investigation

Conducting Financial Investigations



[KURT.CAESTECKER@MINFIN.FED.BE](mailto:kurt.caestecker@minfin.fed.be)