

The most important from the world of NFTs

# NFTSY

digest #10

Envelop (NFTSY) Community  
**April, 2022**



# Introduction

As ENVELOP is developing the Protocol, the Oracle and the Index for NFT markets and related industries, we decided that it was foolish to simply hoard the material collected and partly analyzed: much better to share it. So here is [Digest #10](#), as it should be in the IT systems report, where you will find everything about the prospects for NFTs, and much more. Enjoy reading!

## Main study

[Towards a Research Agenda on the Financial Economics of NFT's](#). This paper aims to serve as an exploratory agenda for future research on the financial economics of non-fungible token (NFT) from a scholarly perspective. By considering the current state of research on the financial characteristics of NFTs and drawing on pioneering research in the field of cryptocurrency finance and cultural economics, possible future research strands are derived to contribute towards a new emerging research domain.

### 1. Common issues in NFT markets and possible affiliations to cryptocurrency finance research

#### 1.1. Potential diversification benefits

Recent studies in cryptocurrency research specifically addressed the diversifier attributes of cryptocurrencies under the scope of multi-asset portfolio formation. [The authors showcase](#) that the **dynamic correlation of cryptocurrency with the financial assets is substantially reduced during times of downturn, which fosters its potential use as a hedge instrument in industry weighted equity and bond portfolios.**

In contrast, the role of NFTs in multi-asset portfolio formation, including potential diversification properties, is still weakly investigated. [Dowling](#) provides an **initial examination of the degree of market connectedness of the specific metaverse token "LAND" to a selection of cryptocurrencies and reports low levels of correlation of the NFT to the other digital assets**. Based on average price series for the entire NFT market, subsequent studies by [Aharon and Demir](#) and [Umar et al.](#) extend the analytical case to a multi-asset scale and find **potential diversification benefits of NFTs in portfolio construction with other financial assets. However, the studies do not account for the extreme heterogeneity in token characteristics that may cause diversification benefits to considerably vary among different NFT categories.**

Scholarly work by [Karim et al.](#) and [Yousaf and Yarovaya](#) partially addresses this issue by focusing on the dynamic connectedness of a categorically differing range of NFT-affiliated cryptocurrencies with digital and conventional assets. The analysis attests **strong diversification benefits to the inclusion of NFT-affiliated instruments in digital and multi-asset portfolios**. Nevertheless, it becomes observable that findings on the diversification abilities of NFTs remain discursive in context of economically disruptive "black swan" events. Thus, future research needs to be conducted to further investigate whether NFTs truly maintain diversifier capabilities in the case of extreme market movements on a global scale. Research efforts to further differentiate the connectedness of different NFT categories with other financial or digital assets could also address the potential impact of regional differences or assess the continuous nature of NFTs over time as a short- or long-term diversifier.



## 1.2. Market efficiency

### 1.2.1. Price efficiency

[Dowling](#) leads a first study on the price behavior of Decentraland metaverse token and finds inefficiencies in the price formation of the NFT, which is attributed to the early development stage of the market. Given the fact that NFTs predominantly underlie different token standards such as ERC-721 or ERC-1155 that assure a unique set of properties for each token, it seems challenging to align common pricing rules to the market. Thus, future research could address whether **there exist common pricing factors for various NFT categories and if these factors remain congruent across different sub-markets.** Recent price appreciations in NFT markets might also proliferate the potential for price bubble formation, if prices do not meet efficient valuations. [Maouchi et al.](#) find first evidence regarding the occurrence of bubble dynamics in three distinct NFT markets around the Covid-19 pandemic. The results indicate that **NFTs do possess explosive price behavior with various scales of magnitude across different NFT categories.**

### 1.3. Herding behavior

The role of mass media and its influential effect on market sentiment might catalyse herding tendencies. In the context of recent price increases in various NFT art collections and proclaimed heuristics that supposedly facilitate easy investment decisions in NFT markets, **uninformed investors may often choose to buy or sell NFTs, thereby engaging in herd behavior.**

Future research could further assess potential forms of herding, whether it occurs continuously or in the form of structural breaks and, if there are possible linkages to fluctuations in general uncertainty levels. If the occurrence of a sort of collection stardom for NFT art collectables exists in light of cascading theory and if these hyped collections itself draw any additional attention that influences investor behavior. The occurrence of behavioral anomalies to be of greater importance for the traditional arts markets, due to a primarily non-profit seeking clientele of private or corporate collectors, might also affect NFT art markets. The extent to which market participants actually seek for profit (speculators) or personal satisfaction (collectors) when buying NFTs remains unclear, as does the extent to which NFTs preserve values other than purely economic ones in the sense of a consumption good.

### 1.4. Market correlation

Another area that requires further attention from the scholarly audience lies in the yet unknown nature of dynamic correlations that the NFT market possesses internally as well as externally with other financial markets. Specifically, statistical properties of NFT price series are not concretized and need further examination. A potential display of stylised facts commonly known for financial time series, might be alternating in the context of NFT returns due to the heterogeneous price formation for every individual token. Scholarly efforts to construct solid and statistically meaningful price indices for NFT collectables could provide an important tool to further explore the matter. In this context, future research could also provide evidence whether NFTs display time-varying volatility, extreme observations and an asymmetry of the volatility process to sign of past innovations similarly found for cryptocurrencies. Another strand of cryptocurrency finance literature specifically examines the occurrence of volatility spillover effects and contagion risk within the market for cryptocurrencies. Scholarly evidence suggests that the degree of spillover effects remains divergent across various examined



cryptocurrencies and the active role as receiver or transmitter varies interchangeably across time.

Specifically in the context of NFTs, due to the heterogeneous token landscape, it is of crucial interest to further examine how volatility dynamics manifest in the market and whether certain NFT submarkets reveal higher volatility connectedness than others. Studies by [Aharon and Demir](#), [Yousaf and Yarovaya](#), and [Umar et al.](#) provide a first flavor of the volatility dynamics that **NFTs display with other financial assets and find limited spillover effects**. Scholarly work by [Dowling](#) and [Karim et al.](#) accomplishes the case for potential spillover effects in between- as well as from NFT markets to cryptocurrency markets and generally finds low volatility transmission. Nevertheless, most studies are limited by an either undifferentiated or narrow scope of the investigated NFT categories, which underlines the need for further research in this area. Studies by [Ante](#) and [Nadini et al.](#) provide insights into interrelations of different NFT sub-markets, thereby finding considerable dependencies among various projects that also manifest in Granger-causal relationships ([Ante](#)). Hence, future research is needed to further clarify on the exact nature of different market dynamics and network clusters in NFT markets.

## **2. Unique issues in NFT art markets and future research avenues in the field of cultural economics**

### *2.1. Art token and value attributes*

[Kong and Lin](#) investigate common characteristics among different tokens in one of the most capitalized NFT collections "Cryptopunks" and **confirm heterogeneous pricing of collectors for specific token characteristics such as creature- or depicted gender-type**. In this context, it could also be of interest to examine, if community taste, exemplary measured through a [VAST test](#), could play a role in the valuation of NFT collections and how this effect transfers on the price of each art token.

In line with the ongoing debate about the financialization of commodity markets it might also be interesting to further examine whether the most recent price appreciations and return dynamics of NFT art collectables were impacted by capital flows originating from financial investors. Potential substitution effects from NFT art collections to their physical counterparts might also raise further economic implications for the markets of digital art.

[Research by Kanellopoulos et al.](#) finds **first evidence of a negative price effect from the NFT card collection "NBA Top Shot" to the physical collectables, suggesting an effective price linkage between the digital and physical tokens**.

Furthermore, a common conundrum investigated in the context of traditional fine art paintings is the occurrence of the phenomenon of whether a painting's price can be "burned" in the case of not initially selling at an auction ([Anderson et al.](#)). This investigation is of similar interest for NFT art collectables that remain unsold after their first placement on the market. The issue could also involve further research efforts on the matter of whether there exists a buyer's premium charged from NFT exchanges similar to auction houses in the case for the traditional art market.

### *2.2. Trading mechanisms and market attributes*

Future research could specifically address whether the degree of information asymmetry in NFT markets consists of similar informational shortcomings as found in the traditional arts market or whether the NFT art market displays a level playing field for buyers and sellers of art tokens. This factor also matters for the efficient valuation of any



NFT collection and should also be investigated from a broader cultural-economic perspective. Commonly, the structure of the art markets is a set of sub-markets that can be differentiated into a primary, secondary, and international market level that differ in the degree of centralisation as well as economic preponderance. Artists seldom control the sales process in the secondary or international market level and rely on third-party providers such as galleries or auction houses to interact with buyers. This feature might align with NFT markets that primarily interact on specific peer-to-peer marketplaces. In this context, cultural economic scholars could theoretically address how trading mechanisms in NFT art markets differ from traditional art markets and if there is any form of productivity enhancement evident. Interestingly, for some NFT art projects the final selling is still guided through renowned auction houses, which indicates a potential affiliation of NFT art with the traditional arts. Research on auction price formation and its pricing theory is well established in the literature on arts economics ([Ashenfelter \[1989\]](#)), decentralized price- and trading mechanisms in NFT art collectables markets remain relatively unexplored.

### *2.3. NFT art, illegal activity and the status of originality*

An inevitable problem, arising from growing economic prosperity of the NFT art market, is linked to illegal practices around the issues of copyright violations, forgery activities and money laundering that also haunt the markets for traditional arts. A closer study of the effects of such activities in NFT art markets and its consequences from an economic perspective will raise valuable implications for the future proliferation of NFT art. [Benhamou and Ginsburgh \[2006\]](#) studied the role of copies and their implications for the traditional art markets and concluded that **in a digital setting the duplicating, manipulating and interpreting of copies could exist in endless forms**. In this context, it might be interesting to ask, if the selling of digital art works on a blockchain ecosystem truly preserve the originality of an artistic work in terms of its creation and provenance? Blockchain technologies are commonly perceived to establish credence between sellers and buyers by authenticating every transaction through means of cryptography. However, an actual assessment of the art work's original character is not verified by the blockchain's underlying consensus mechanism and remains a task for a central entity. In the traditional art markets, any authentication is foremost done by intermediary stakeholders with considerable expertise such as auction houses or galleries. A lack of such expertise in NFT art creation is likely to provoke fraudulent behavior in the form of unauthorized appropriation of existing artwork. Future economic research could also shed light on whether current security mechanisms truly enable value protection of digital collectables and how the economic role of the artists might have changed in digital NFT art markets. **The emergence of imitations, due to technological authentication vulnerabilities, could have implications for the economic value preservation of the original NFT art works.** Hence, it is of interest to investigate, if the occurrence of imitations or fakes for certain NFT collections does affect the pricing of the originals. [Bocart and Oosterlinck \[2011\]](#) explicitly study the effects of fake discoveries on market price developments of original paintings and find that prices do respond negatively with a time lag, indicating that sellers seem to postpone sales directly after a fake is made public. The potential response of NFT art prices to similar disclosures remains unexplored to the present.



# Projects news and updates

In this section we will very briefly talk about the projects we have encountered over the previous month. Maybe you will want to get involved in some of them; maybe you will want to tell us about some of them; maybe you will find some overlaps with ENVELOP and let us know about them. We do not publish in the order of appearance or alphabetical order, but as the projects came across to us:

1. [Nifty Gateway Partners with Samsung Electronics to Develop an Industry-First Smart TV NFT Platform](#)
2. [Minecraft, the best-selling video game in history engaging more than 170 million players, will be able to earn Trilium, the native cryptocurrency in the Alien Worlds metaverse.](#) Alien Worlds is one of the largest play to earn (P2E) blockchain games and NFT metaverse. The new interoperability bridge will have resounding effects in the traditional and blockchain gaming worlds. The bridge will accelerate the onboarding of non-blockchain gamers onto the Alien Worlds metaverse, and also due to the open sourced nature of the code developed - empower other Minecraft servers to earn play-to-earn rewards. Plus, **it will allow other blockchain projects to tap into Minecraft's vast user base**. Additionally, this interoperability will offer traditional gamers the opportunity to earn assets, in this case Trilium, and soon NFTs, for completing quests. Players are able to exchange their digital assets freely, enabling them to earn real world utility by getting involved in Alien Worlds' simulated economy.
3. [A quick guide to Tezos NFTs](#)
4. [XLS-20 standard for Non-Fungible Tokens on the XRP Ledger](#) What's coming:
  - ❖ Aquarelle Metaverse
    - An open-source NFT library to mint and transact art NFTs
    - A web-based NFT marketplace that lets users mint, explore, trade art NFTs
    - A WebGL 3D virtual gallery that lets users explore, customize and interact with NFT collections
  - ❖ ZerpCraft
    - Brings XRP Ledger technology to Minecraft
    - Plugin to allow XRP transacting NFT issuance, and in-game "property rights"
    - Native NFTOffer support on XRP Ledger DEX allows for transaction automation
    - Native support to delegate royalties incentivises server operators to maintain healthy and active "real estate markets"
    - and more...
5. Filmmaker Kevin Smith announced that he and his producers Jordan Monsanto of SmodCo and David Shapiro of Semkhor have partnered with Secret Network's Legendao to launch NFTs of Smith's Horror Anthology: KillRoy was Here. This launch represents [the first time in history that a movie will be released via NFT](#), expanding the possibilities of what NFTs can provide in a quickly evolving entertainment business. The movie itself, exclusive content from the film, behind-the-scenes footage, and a commentary track will be launched as a 5,555-piece generative art NFT collection on Legendao, Secret Network's primary



NFT minting platform. The 5,555 buyers of the KillRoy Was Here NFT will have exclusive ownership to:

- ❖ One-of-a-kind KillRoy art
- ❖ Viewing Access to the film that will be unavailable to anyone else without the special "crypto key" the NFT provides
  - Clips,
  - Commentary,
  - Behind-the-scenes footage

More uniquely, the KillRoy NFT offers the opportunity for art collectors to become artistic collaborators in creating the sequel to the film.

6. [Solana is officially on OpenSea](#)
7. [LOST](#), the Hong Kong real-life escape game company, is launching a new escape room in the metaverse. This unique [first-ever virtual escape room](#) will begin on the 15th of May and is a play to learn, play to earn experience.
8. [punk6529 announced the alpha version of the Open Metaverse \(OM\), a metaverse without an owner](#). The goal is a decentralized open metaverse that can scale to 100,000,000 people. 10 cities of 10M each, each with hundreds of districts, with towns, villages and nature in between. The fundamental governance model of OM is at the district level: Districts can either be "developed" or "open". 6529 is going to develop the 6529 Museum District for example. Others can develop others. Others can be free-for-all experimental spaces. The goal for 6529 Museum is EDUCATION. Over time, we will curate and give proper signage for everything, interviews with artists, live events. We want it to be the best place to get people educated on NFTs, from basic to advanced level.
9. [NFT.com, complete with a profile gallery, analytics features, and marketplace, is set to launch in Q2 2022](#)
10. [APENFT Marketplace Launches Mainnet - The First NFT Marketplace on TRON](#)
11. [Coinbase NFT is now in beta](#)
12. [Playcore.io](#) Information terminal for P2E projects by BreederDAO. Playcore is an analytics and content aggregator for P2E to educate the community and access data on projects. Here you will find podcasts, research and articles on blockchain games, relevant tweets from industry leaders and experts. Playcore provides data that is easily digestible by anyone, even those new to the field. The terminal displays data on the following games: Axie, Crabada, Cyball, Ninneko, Pegaxy, Place War, Star Sharks, Thetan Arena, and Wonder Hero, DNAxCAT (coming soon). There is a tokenomics section that shows the number of tokens issued/burned, price, and total supply.
13. One of the leading Spanish airline companies – Air Europa – partnered with the blockchain entity TravelX to introduce [the world's first series of non-fungible token \(NFT\) airline tickets](#). Users who buy such collectibles will board a special flight between Madrid and Miami on November 29, 2022. The feature, dubbed NFTickets, will be available for purchase on TravelX's platform. The first auction was on April 11, as the process will repeat every two weeks. TravelX explained that the tickets work like traditional non-fungible tokens. When traded, transactions are recorded on the blockchain. Holders can present the collectibles and receive a matching flight ticket. **The non-fungible tokens are minted on Algorand's blockchain.**
14. [Clay Nation Announces NFT Collaboration with Snoop Dogg on Cardano](#)
15. Cardio Healthcare Inc. is launching [Metabike, the world's first metaverse & gaming integrated home fitness bike for use on tablet & smart TV](#). This next-gen indoor bike features built-in game controllers to give users full gaming functionality and



IoT pedals which track real speed, torque, and workout distance to control the movement of the in-game avatar. Metabike combines Move-to-Earn (M2E) with Play-to-Earn (P2E), rewarding users up to \$30 per month in Cardio Points for use in-app on healthcare discounts, products & services with the option to swap Cardio Points for its ERC20-based crypto asset Cardiocoins (CRDC). The Cardio HUB platform (tablet & smart TV) pairs to Metabike via Bluetooth and features over 50 games & content from world-class developers (including ROBLOX metaverse) with monthly content library updates (think "Netflix" for exercise).

16. [Dapper Labs, a National Basketball Association partner, is assisting in the flow of NFT loans on the blockchain.](#) The campaign drew the attention of NBA Top Shot and Flow creator Dapper Labs, which joined Greenfield One and Lattice Capital as investors in Flowty's \$4.5 million seed round. According to Levy, Flowty's co-founder and CEO, the site works similarly to a pawn shop, with the exception that there is no middleman. The borrower creates a listing, specifying the desired terms and securing the loan with a single NFT. If someone decides to fund it, they will either receive interest on their money or the borrower's NFT, which will be locked inside the platform. The listing becomes invalid if the NFT is transferred out of the borrower's wallet before the loan is funded. On a loan, Flowty collects 10% of the interest paid by the borrower. FLOW, FUSD (the Flow blockchain's dollar-pegged stablecoin), tUSDT (the Flow blockchain's version of Tether), and USD Coin can all be used to make loans. There are no internal ratings or consumer audits.
17. [An introduction to Omnire Protocol](#). Omnire protocol's main goal is to unify and enable the Omnichain experience for new and existing NFT collections by supporting and optimizing a variety of ONFT implementations built with [LayerZero](#) Interoperability Protocol. Omnire protocol will provide full support for creating, minting, and managing ONFT collections for creators, partners and regular users. As a result, the process of switching to multi-chain collections should be as cheap and intuitive as possible. The most important features that come along with smart contract protocol:
  - ❖ **ONFT Bridge** enables transfer of existing and newly created ONFT tokens across all supported networks in a trustless and decentralized manner. Yes, it supports our loved Pudgy Penguins, Apes, and other famous collections created without support for LayerZero protocol.
  - ❖ **ONFT Launchpad** allows creation of unified ONFT collections with crowdsale listing, where the buyer decides on which network he wants to mint a given token and pay fees with. Launchpad will allow you to choose from several implementations of ONFT, each with different functionalities. Furthermore, we will provide you with the ability to define custom attributes for different networks.
  - ❖ **Marketplace adapter** lists ONFT token on various marketplaces and different networks in secure and truly decentralized way at the same time. Omnire protocol will make sure that there is only one existing instance of a given token on every supported networks.

18. [The JPEG'd lending protocol is launching on Wednesday, April 27th.](#) The first supported collection will be Cryptopunks with a \$5m debt ceiling. One week later the debt ceiling will be increased to \$10m. This launch will signify an important milestone in emerging NFT DeFi space as users will be able to obtain a line of credit using their NFTs as collateral in a completely permissionless, trustless and



decentralized manner. Further, the JPEG'd protocol utilizes a peer-to-pool lending model eliminating counterparty risk that is present in other peer-to-peer NFT lending protocols presently. JPEG'd has also developed a novel insurance mechanism, which is only made possible because the JPEG'd DAO underwrites all issued debt. Users can purchase optional insurance to repurchase their NFT in event of liquidation.

19. [The Sandbox is partnering with Knotfest and Slipknot](#), the most enigmatic, provocative, and aggressive music collective of the modern era, to create the KNOTVERSE, a Web3 home for Slipknot and Knotfest metaverse experiences, concerts, and lifestyle, in The Sandbox.
20. Multichain NFT Bridge <https://bridge.xp.network/> added Velas, Aurora, IoTeX. Previously, the bridge has worked in the Ethereum, BSC, Avalanche, Polygon, Alrond, Tezos, Fuse, Gnosis, Tron, Algorand networks. Ton, Cardano, Solana will be soon.
21. A US brokerage company [Fidelity has launched an index fund \(ETF\) investing in the metaverse](#). The ETF is managed by Fidelity Investments. To celebrate the appearance of the new service, the American broker opened its office in the Decentraland metaverse. It's a multi-story building with a dance floor and a rooftop garden. The space is called The Fidelity Stack and in it you can learn the basics of ETF investing in a quest format.

Do you know more projects about the NFT? Send them to us:  
[https://t.me/envelop\\_en](https://t.me/envelop_en)

## Special review

### April 8-10th, 2022, DAOHacks.

Join Haardik Haardik for a workshop titled "[LearnWeb3DAO Build a Completely On-chain DAO with Automatic Proposal Execution](#)"

Join Nader Dabit for a workshop titled "[The Graph Building a custom NFT API with The Graph](#)"

Join Sam Flamini for a workshop titled "[Superfluid How to Integrate Money Streaming into DAOs](#)"

Join us for a workshop titled, "[Intro to Unlock Protocol Power memberships with NFTs across web3](#)"

Join us for the [Finale of DAOHacks](#), where we will announce the winning projects, and finalists will give live demos of their work.

**April 18-19th, Global Governance Gathering 2022.** The event brought together leading DAOists and DAOplomats to share experiences, deepen connections, and set a shared agenda for the DAO space.

[The DAOist's Global Governance Gathering . Day 2 Main Stage \(Part 1\)](#)

[The DAOist's Global Governance Gathering . Day 2 Main Stage \(Part 2\)](#)

[The DAOist's Global Governance Gathering . Day 2 Panels \(Part 1\)](#)

[The DAOist's Global Governance Gathering . Day 2 Panels \(Part 2\)](#)

All in all, it was one of the most interesting conferences in recent memory. I encourage you to check out all of the speeches, and I liked these ones:

- ❖ [How to scale DAO onboarding](#)
- ❖ [Top.gg x DAOs: Discovery, Growth & Community Building Best Practices](#)



- ❖ [DeFi NFTs for DAO treasuries: Using NFTs to sell time-locked tokens and reward contributors](#)
- ❖ [Solving Common DAO Governance Challenges](#)

**April 22-24th, 2022, ETHAmsterdam.** ETHAmsterdam is an event bringing together some of the top minds and experts in Ethereum and ETHGlobal's return to in-person hackathons since 2020. We enable teams to make something great in only 36 hours by providing an abundance of hacking resources like mentors, sponsors, and software. Sleeping is optional, but trying to make awesome things is not.

[Livepeer](#) [Building a Web3 Video Application](#) with Eric Tang

## Security

1. Axie Infinity developer Sky Mavis [announced Tuesday](#) a massive breach of its Ronin cryptocurrency sidechain. An attacker used "hacked private keys" to break through Ronin's validator network, Sky Mavis says, transferring 173,600 ethereum (worth approximately \$594 million at current rates) and \$25.5 million in USDC stablecoin as part of one of the largest breaches in the history of cryptocurrency. Here you can find the [latest update about the incident](#).
2. [On-chain 2FA? Is that a thing?](#) Basically, the lock registry is a system that plugs itself on the erc721 standard with negligible gas impact and allows whitelisted addresses to lock and unlock assets in place. What I mean by locking is to prevent them from being transferred out of a wallet. Think of your asset as some box on which you can add as many locks as you want. As long as there is one, you can't open it, but once all locks are gone, you can open it. It's the same with NFTs but instead of opening it, you can't transfer it.

The simple locking mechanism opens the possibility to a variety of new system such as...

**Stakeless staking.** This small interaction gave birth to the next concept I want to talk to you about...**On-chain 2fa.** The tech for such a system is finally here, we call it the Guardian contract.

Here is how it works:

- ❖ A user sets up a different address to be their guardian. Ideally, the guardian is also controlled by the user and resides in a more robust signing scheme (multi-sig or hardware wallet).
- ❖ Once set up, the guardian cannot be changed by the user. Only the guardian can renounce its role, enabling the user from setting up a new guardian.
- ❖ The guardian has the power to lock, unlock and unlockAndTransfer assets of the user. Once assets are locked by the guardian, they cannot be transferred, but the user still holds ownership of those assets.
- ❖ If the user's private key is compromised, the unlockAndTransfer call will allow the guardian to atomically unlock assets and transfer them over to a safe recipient (requirement: user has allowed the guardian contract to transfer assets on their behalf).



Hot wallets are convenient and we love using them for our daily activities, but with that convenience comes great vulnerability... The Guardian Contract allows you to enjoy the convenience of a hot wallet, while adding the security of a cold/hardware/multi-sig wallet on top. It even allows you to guard assets that already reside on a hardware wallet with a second hardware wallet to add another layer of protection from signing unwanted transfer or approval transactions.

Furthermore, scams will be harder to pull off.

Email scams, social engineering scams, luring users to approve OpenSea sales, approvals to some rogue contract, hot wallet hacks or giving seed phrases away etc...

All those methods won't work if your assets are locked up.

The amount of hacks would reduce drastically and this would save hundred of thousands if not millions to users.

You have the convenience of using a hot wallet while keeping the security of a cold/HW/multi-sig wallet.

3. [Bored Ape NFT Owners Sue OpenSea Over Stolen Assets](#). The case is "the first of its kind. There's no precedent."
4. [Check Point Research detects Vulnerability in the Rarible NFT Marketplace, Preventing Risk of Account Takeover and Cryptocurrency Theft](#)

- ❖ Check Point Research identifies a vulnerability within the Rarible NFT Marketplace that allows attackers to take over cryptocurrency wallets
- ❖ By luring victims to click on a malicious NFT, an attacker can take full control of the victim's crypto wallet to steal funds
- ❖ CPR immediately reported this flaw to Rarible, which acknowledged and installed a fix
- ❖ CPR urges users to remain aware and offers preventive actions

5. [Bored Ape Instagram account hacked: NFTs worth \\$2.8 million stolen](#).

"[There is no mint going on today. It looks like BAYC Instagram was hacked. Do not mint anything, click links, or link your wallet to anything](#)," tweeted Bored Ape Yacht Club.

"The hacker posted a fraudulent link to a copycat of the Bored Ape Yacht Club website, where a safeTransferFrom attack asked users to connect their MetaMask to the scammer's wallet in order to participate in a fake Airdrop," a spokesperson [told CoinDesk via email](#). "At 9:53am ET, we alerted our community, removed all links to Instagram from our platforms and attempted to recover the hacked Instagram account."

According to blockchain data, the hacker's wallet – which has [been identified](#) with this phishing attack – holds 91 NFTs. According to [data](#) from Zerion, the NFTs are worth at least \$2.8 million based on the floor prices of the respective collections.

## Analysis

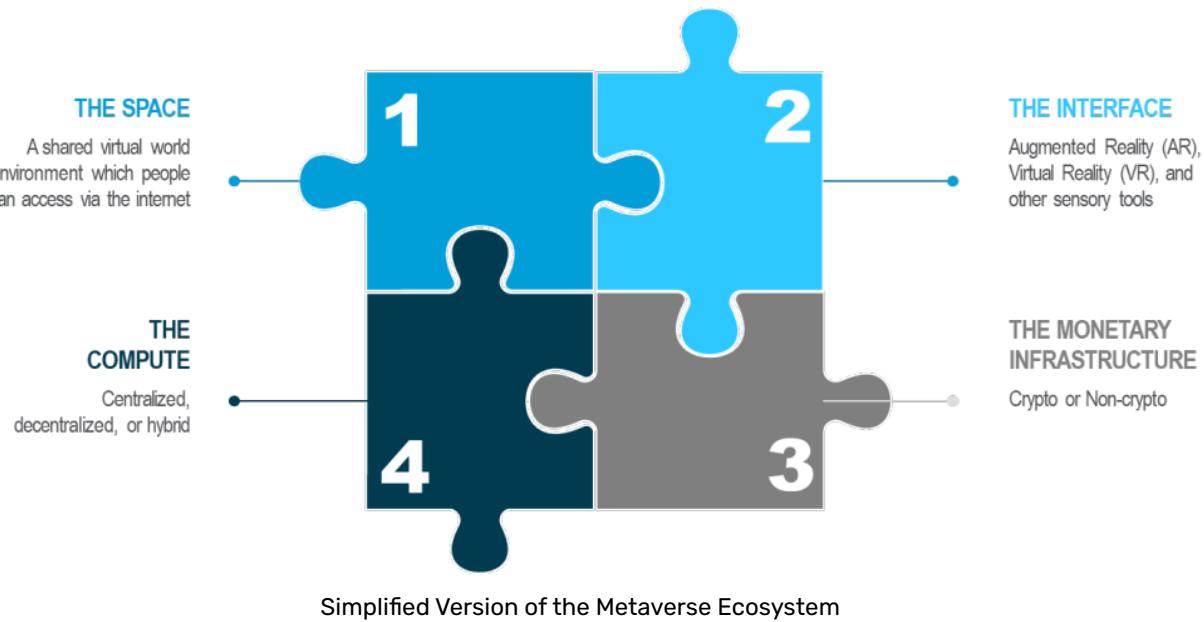
1. [METAVERSE AND MONEY. Decrypting the Future](#). Report by Citi GPS: Global Perspectives & Solutions.



**The Space:** A shared, open, virtual world environment which people can access via the internet with rich multi-layered interactions. This calls for persistent, realtime connections, high bandwidth networks, and exchange centers, among other items, that create an immersive digital experience.

**The Interface:** Refers to the hardware that helps users access the Metaverse and includes Virtual Reality (VR) and Augmented Reality (AR) headsets, mobile devices, PC and game consoles, smart glasses, and other sensory tools.

**The Monetary Infrastructure:** Refers to what supports digital payment processes, allowing users to purchase/sell digital assets in the Metaverse. This could either be fiat on-ramps or pure-play digital currencies, including cryptocurrencies.



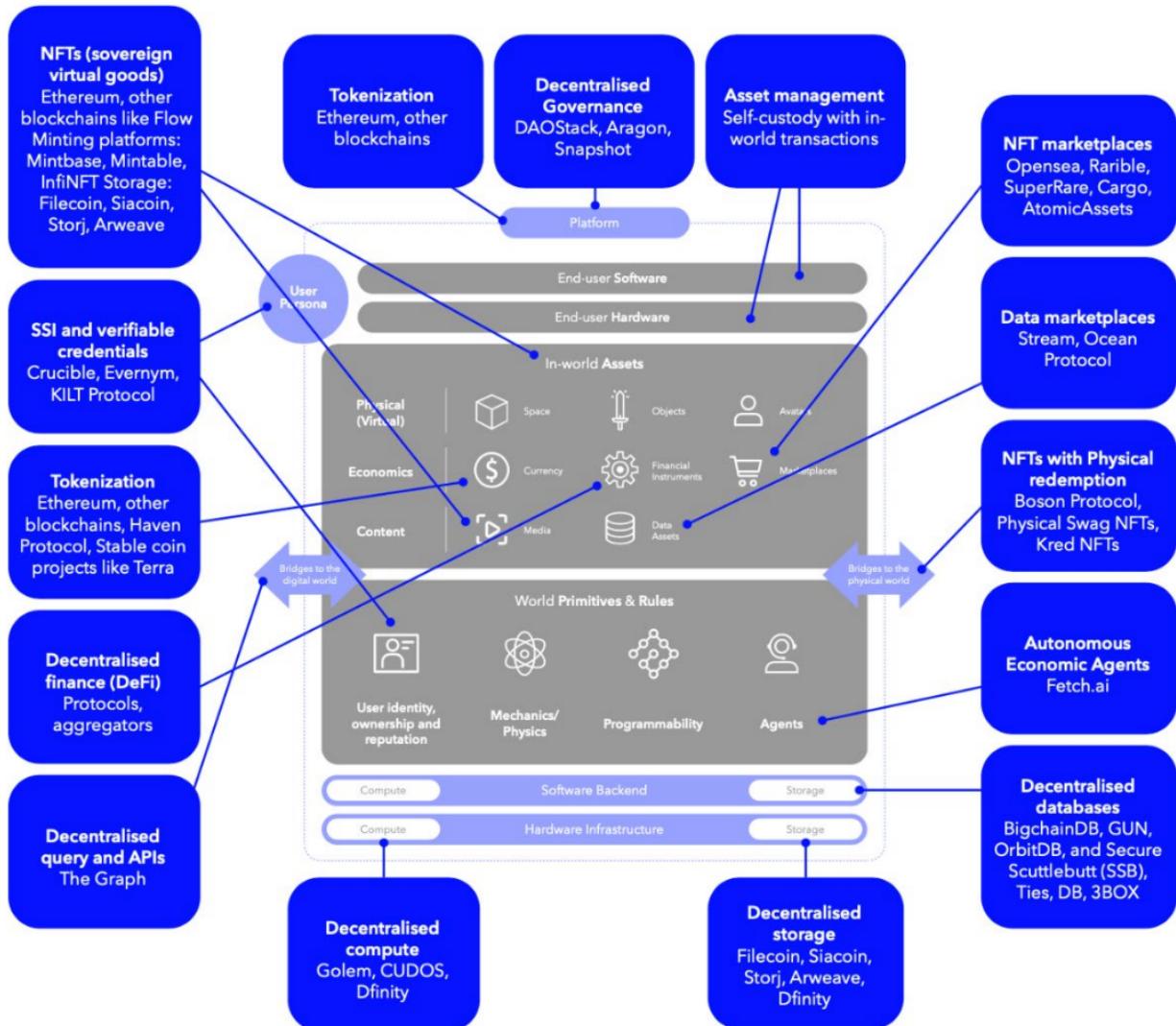
**The Compute:** Refers to the enablement and supply of computing power to support the Metaverse structure. This is the software that brings objects into 3D and allows users to interact with them. In practice, the Metaverse could resemble a combination of existing technologies and ones still in development, all working together to create a tangible, digital layer on top of reality. These systems can either be centralized, decentralized, or hybrid.

- ❖ Total addressable market for the Metaverse could be between \$8 trillion and \$13 trillion by 2030, with total Metaverse users numbering around five billion. But getting to that market level is going to require infrastructure investment.
- ❖ The content streaming environment of the Metaverse will likely require a computational efficiency improvement of over 1,000x today's levels. Investment will be needed in areas such as compute, storage, network infrastructure, consumer hardware, and game development platforms.
- ❖ The definition of what counts as money in the Open Metaverse is also likely to be very different from what counts as money in the real world today.
- ❖ Interoperability and seamless exchange between underlying blockchain technology are critical to ensure a frictionless user experience. Different forms of cryptocurrency are expected to dominate, but given the multi-chain trend in the crypto ecosystem, cryptocurrency will likely coexist with fiat currencies, central bank digital currencies (CBDCs), and stablecoins.
- ❖ Finally, if the Metaverse is indeed the new iteration of the internet, it will mostly likely attract greater scrutiny from global regulators, policymakers, and governments. Issues such as anti-money laundering rules for exchanges and



wallets, the use of decentralized finance (DeFi), crypto assets, and property rights will all have to be addressed.

- ❖ **Metaverse-as-a-Service.** The Metaverse will require countless new technologies, protocols, companies, innovations, and discoveries to work. Many companies with existing technological and network infrastructure might not be capable to build out and offer an immersive Metaverse-like experience to a large number of users. Just as the internet has a set of protocols for visual representation, communication, graphics, and data, the Metaverse would require a broader and resilient set of standards and protocols that also embrace interoperability. Today, Web2 giants (e.g., Apple, Google) use similar technologies, but they are not designed to transition into one another.  
**Interoperability will be far more important for building a scalable Metaverse.**
- ❖ According to Outlier Ventures, the Open Metaverse OS is concentrated on the critical lower layers of the stack – for example, the non-negotiable features such as user-sovereign identity and assets, in-world economics and bridges into and out of its economy, 3D modeling toolchains, and rendering stacks to the primarily centralized world. We do not anticipate that the entire Metaverse OS will be built by a small number of centralized players, similar to how the mobile phone OS evolved. We expect that the OS of the Open Metaverse will likely take a path similar to the evolution of Linux, organically through a patchwork of different contributors building functionality, in a truly composable way. However, building an OS that works with such a complex distributed system is hard and will take time to develop, with the apps and the infrastructure coming much earlier, and there being multiple device-specific or context-specific OS in the interim. It is, however, likely that early progress on this is made by the big tech firms – but over time, we expect more decentralization.
- ❖ Blockchain primitives change the fundamentals of digital asset ownership by bringing in:
  - Standardization (e.g., the ERC-721 standard, which defines how non-fungible tokens, or NFTs, are accessed/transferred)
  - Interoperability (i.e., which can work with different wallets and exchanges as the token is recorded on the underlying blockchain)
  - Tradability (i.e., which enables auctions on marketplaces enabling liquidity)
  - Composability (i.e., which allows open-source apps to build on top of one another)
  - Immutability (i.e., which allows for recording on the blockchain for posterity)



The "Operating System" for the Open Metaverse

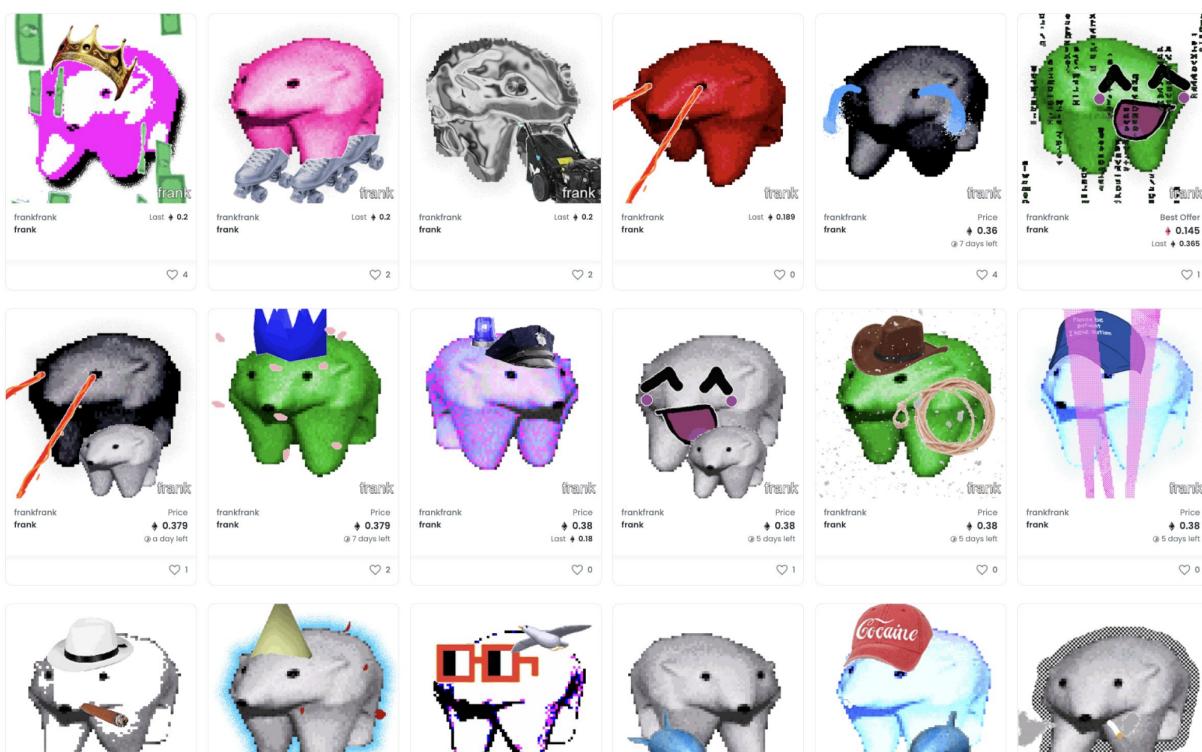
- ❖ We can broadly split NFT use cases into two basic approaches – those with utility and those primarily used as collectibles, and some as a combination of the two. Utility-centered NFTs usually open up access to exclusive events, and are starting to be used by consumer brands for creating marketing buzz or improving loyalty points; they are also used to capture a “deed of ownership” of real-world assets. Collectibles are usually seen as speculative investments. However the most popular use cases of NFTs today span gaming (by volume of transactions) and art (by value of transactions), but we are seeing increasingly new use cases across other domains.
2. [The New Creator Economy: A Guide to Web3 Creator Platforms](#). The goal of this creator economy report is to provide founders and VCs in the space with a general framework and insights for discussing the topic Web3 is a technology that will redefine all verticals in the economy. Blockchains are already starting to operate the backends of many software applications and, as part of Web3, have more potential to influence how we interact with the internet than mobile and the cloud did. From an economic perspective, this especially applies to how we create and transfer value online. Creators are now in the driver's seat, being offered the opportunity to have greater control and individuality than ever before. 2022 Creator Economy report includes:
    - ❖ [list of Creator Economy startups](#)



- ❖ [100+ VCs investing in the creator economy](#)
- ❖ A fundraising guide with key points investors look at when analyzing companies
- ❖ An overview of some of the opportunities and challenges facing investors and creators

### 3. [NFT themes on the rise. 5 NFT trends to keep an eye on!](#)

- ❖ **Anime PPP projects.** [Azuki](#)'s rapid popularity has additionally kicked off new waves of other anime NFT projects throughout the ecosystem, like [Akuma](#), [Kiwami](#), Shinsekai, and more.
- ❖ **Shitpost NFTs.** Wikipedia describes *shitposting* as posting online content that is “of aggressively, ironically, and of trollishly poor quality.” Launched little over a day ago, the [frankfrank project](#) typifies the blooming genre of shitpost NFTs, or at least this genre’s decisive advance into the NFT ecosystem’s mainstream.



- ❖ **Craftable collections.** [Lootverse](#) is just the latest example of NFT collections letting minters personalize their NFTs. It makes collecting a co-creational process.
- ❖ **NFTfi.** [The Idols](#) is a recently launched NFT project whose collectibles are backed by Lido Staked ETH, or stETH, an increasingly popular yield-bearing token in DeFi. [Element Finance](#), a fixed- and variable-yield DeFi protocol, also just launched its own Elfiverse NFT collection. Whether it's community-run efforts like The Idols or official DeFi project ventures like the Elfiverse, it's no stretch to say that we're on the verge of seeing many more DeFi + NFT experiments.
- ❖ **Omnichain NFTs.** The recent bloom of this trend stems from the launch of the [Layer Zero protocol](#), an interoperability protocol that makes it easy for blockchains to communicate with each other. This capability opens up novel possibilities around NFTs. (see [Gh0stly Gh0sts](#))



4. [Cbinsights provides a framework to navigate this evolving topic by breaking down the metaverse into distinct technological layers and highlighting the key vendors set on making the metaverse a reality](#)

## The companies building each layer of the metaverse

### Infrastructure (network & computing)



### Access/interface (hardware)



### Virtualization tools



### Virtual worlds



### Economic infrastructure



### Experiences



CBINSIGHTS

Note: The Infrastructure and economic infrastructure layers are massive markets with thousands of startup and corporate vendors powering everyday applications not exclusive to the metaverse.

## Keys

According to the Nansen 2022 Quarterly NFT Report, The NFT market continues outperforming the cryptocurrency market year-to-date, putting in a 103.7% return when denominated in ETH and 82.1% when denominated in USD. Despite a downturn in the global markets across most asset classes at the end of February 2022, the last 30 days saw an 5.9% increase in the NFT-500 in March.



## Performance of NFT market and other assets.

Asset/Index	YTD Performance (ending 31 March 22)	30 Day performance (ending 31 March 22)
NFTs ( <a href="#">Nansen NFT-500:ETH</a> )	49.9%	5.9%
Bitcoin ( <a href="#">XBX</a> )	1.9%	9.0%
Ether ( <a href="#">ETX</a> )	-7.9%	15.8%
Crypto Large Cap ( <a href="#">DLCX</a> )	-2.7%	11.9%
DeFi ( <a href="#">GMI</a> )	-43.4%	5.21%
<a href="#">S&amp;P 500</a>	-4.95%	0.28%
<a href="#">Gold</a>	6.66%	7.13%

The volatility of each of these sectors may differ, and the Nansen report revealed that Blue Chip NFTs, which are categorized by market capitalization, are the least volatile.

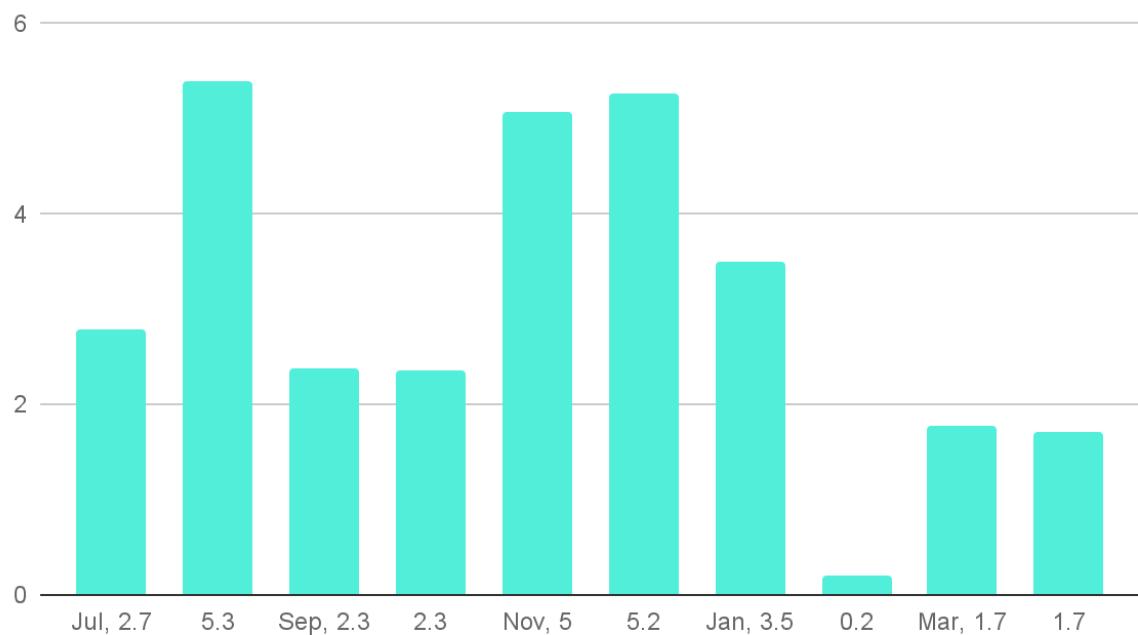
On the other hand, the report considered Metaverse and Art NFTs to be the most volatile segment of the NFT market. Nansen categorizes land and real-estate NFTs, avatar and utility NFTs under the Metaverse segment. Evaluating the prices, especially of virtual land in Decentraland or The Sandbox, can be challenging.

When it comes art NFTs, the subjective nature of value perception as well as art's relatively illiquid nature are also contributing factors to its volatility. Nansen illustrated that generative art is the most popular segment of art NFTs overall, and stated that most metaverse and art market participants tend to behave as "speculators."

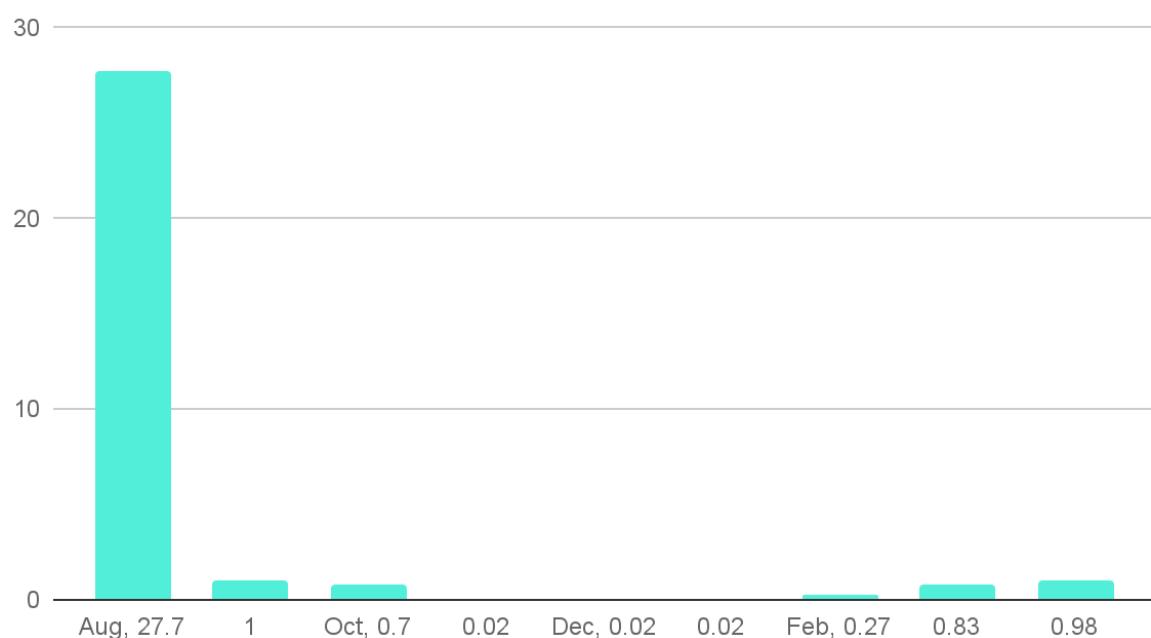
The Nansen indices also point to a decrease in overall growth within the gaming ecosystem. The Gaming-50 index saw the biggest drop in performance year-to-date when compared to other NFT sectors, with Play-to-Earn, or P2E, NFTs and Role Playing Game, or RPG, NFTs seeing the majority of the decline. Traditional gamers have been hesitant to embrace NFTs and aren't afraid to voice their opinions like in the cases of Good Luck Games, Ubisoft or GameStop.



### NFTs Total Sales Volume, billions USD



### NFTs Total Sales, millions



Source: <https://coinmarketcap.com/nft/>



## NFT Collection Rankings by Sales Volume (30 days):

### March

	Collection	Sales	Change (30d)	Buyers	Txns
1	Bored Ape Yacht Club	\$218,136,279	▲ 35.78%	550	739
2	Mutant Ape Yacht Club	\$150,093,568	▲ 29.58%	1,803	2,525
3	Azuki	\$92,977,281	▼ 45.55%	1,327	2,089
4	CryptoPunks	\$79,789,155	▼ 25.63%	227	360
5	World Of Women Galaxy	\$68,944,495	▲ 0.00%	8,464	13,194
6	CloneX	\$58,171,888	▼ 54.95%	936	1,262
7	CyberBrokers	\$57,213,673	▲ 0.00%	6,345	13,581
8	Crabada	\$51,414,559	▼ 32.15%	4,240	46,637
9	Meebits	\$45,550,767	▲ 117.62%	1,673	2,797
10	MURI	\$43,337,806	▲ 0.00%	14,099	23,697

### April

	Collection	Sales	Change (30d)	Buyers	Txns
1	Moonbirds	\$485,226,214	▲ 0.00%	11,740	15,912
2	Mutant Ape Yacht Club	\$251,293,357	▲ 48.60%	1,822	2,708
3	Bored Ape Yacht Club	\$234,559,943	▼ 7.69%	472	763
4	Azuki	\$137,401,627	▲ 21.74%	1,046	1,722
5	CloneX	\$113,231,845	▲ 73.82%	1,263	1,866
6	MurakamiFlowers Seed	\$98,544,117	▲ 1,202.14%	3,471	5,198
7	Beanz	\$91,195,393	▲ 456.26%	2,970	5,467
8	RTFKT MNLTH	\$68,533,504	▲ 162.31%	1,694	2,663
9	CryptoPunks	\$63,458,132	▼ 20.32%	167	259
10	Bored Ape Kennel Club	\$61,277,441	▲ 59.98%	1,155	1,926

The new Moonbirds collection bursts right into first place. Also worth noting from the newcomers are MurakamiFlowers Seed and Beanz. Cryptopunks continue to fall. The only collection not on Ethereum is Crabada from Avalanche dropped to 20th place with 32 million in sales and 5,600 buyers.



## Blockchains by NFT Sales Volume (30 days)

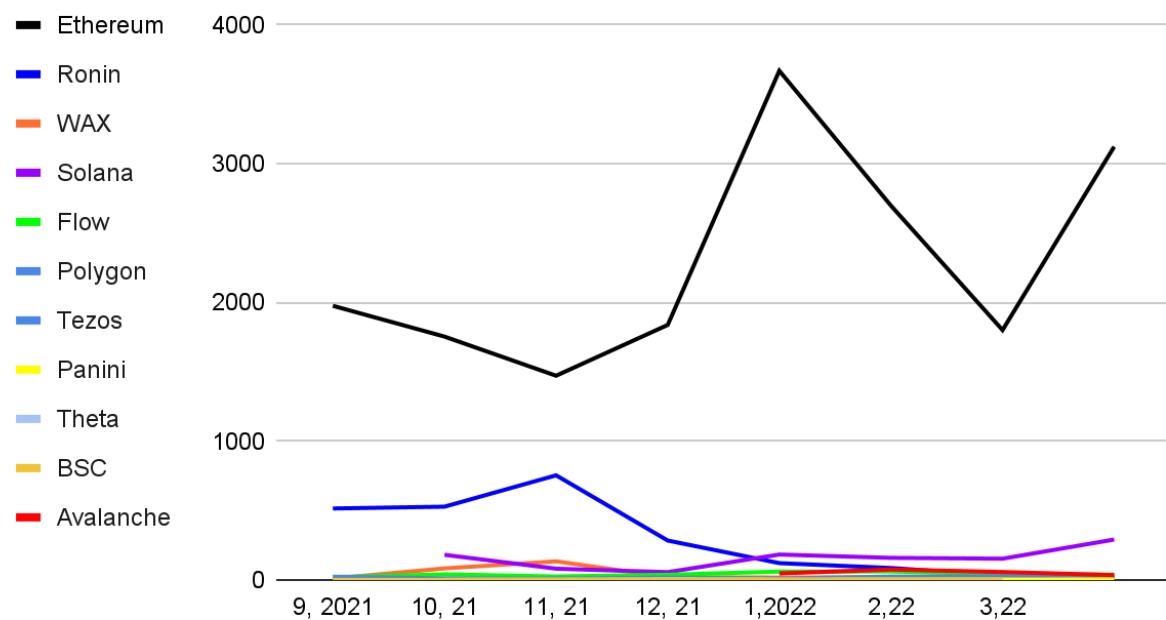
	Blockchain	Sales	Change (30d)	Buyers	Txns
1	◆ Ethereum	\$3,123,066,187	▲ 57.19%	257,613	932,029
2	≡ Solana	\$291,856,376	▲ 57.80%	129,807	763,191
3	▣ Flow	\$38,312,544	▲ -10.08%	51,067	1,323,836
4	✖ Avalanche	\$35,962,868	▲ -38.13%	10,159	72,603
5	♾ Polygon	\$24,299,786	▲ -12.82%	129,302	177,632
6	🛡 Ronin	\$19,617,960	▲ -35.53%	114,362	523,574
7	🟡 WAX	\$10,895,605	▲ -10.96%	38,682	1,062,972
8	❖ BSC	\$8,768,783	▲ 189.64%	11,445	31,707
9	🎴 Palm	\$4,852,362	▲ 158.78%	11,482	110,013
10	⌚ Cronos	\$4,736,571	▲ 43.66%	916	1,900
11	⚖ Arbitrum	\$3,071,187	▲ -61.24%	1,222	3,177
12	▶ Panini	\$2,555,084	▲ -10.30%	1,734	84,703
13	🌐 Tezos	\$2,436,418	▲ -22.29%	9,722	83,075
14	◆ Waves	\$257,332	▲ -60.02%	4	327
15	🌐 Fantom	\$157,558	▲ -35.31%	172	456
16	⌚ Theta	\$13,361	▲ 1,453,814.44%	176	1,038

I note a significant increase in volumes on Ethereum, Solana, BSC and Palm, as well as a continued decrease on Ronin.

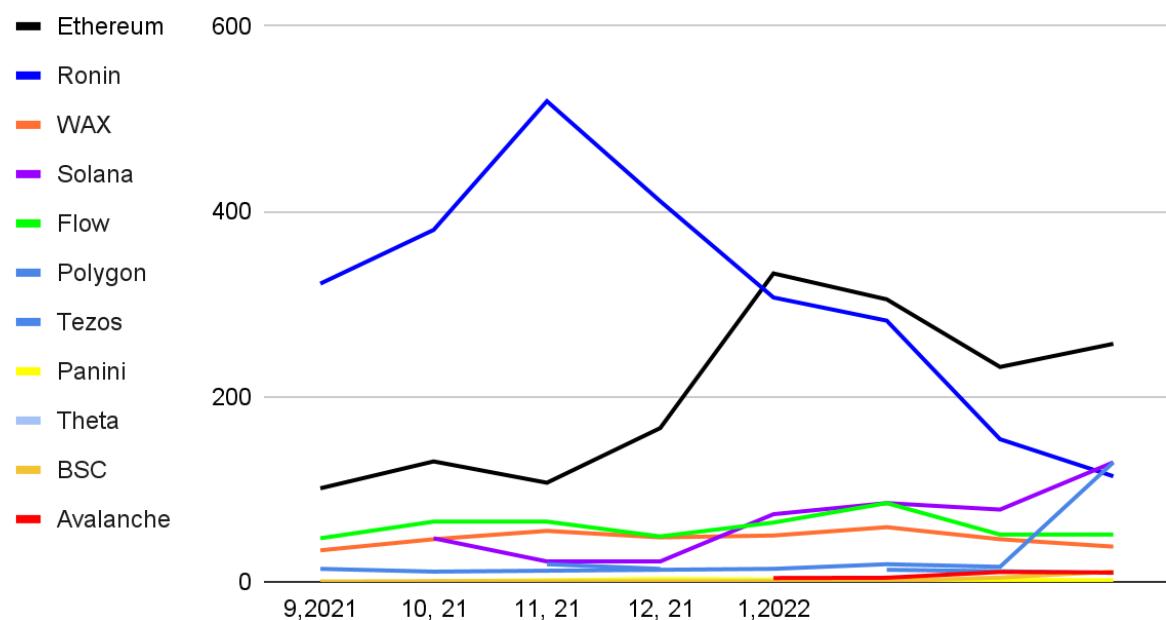
Solana continues to increase the number of buyers and bypasses Ronin for the first time. I also note a significant increase in buyers on Polygon from 16,000 to 129,000



## Blockchains by NFT Sales Volume (30 days), mln \$



## Blockchains by buyers (30 days), thousands



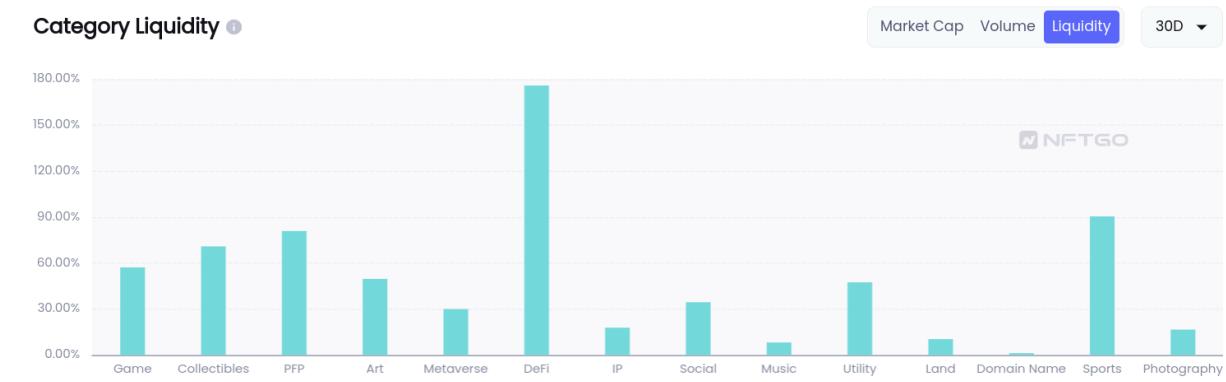
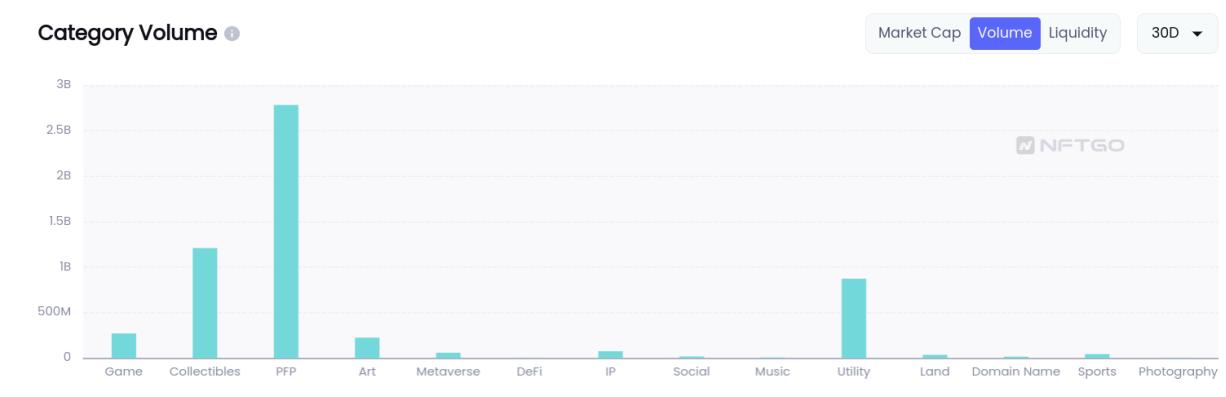


## Global Indexes by Sales Volume (30 days)

Index	NFTs			Fan tokens		
	Sales, \$Billions	Change (30d)	Buyers, millions	Sales, \$Billions	Change (30d)	Buyers, millions
Feb, 2022	3.130	⬇️ 22 %	0.855	1.638	⬆️ 49 %	0.855
Mar, 2022	2.145	⬇️ 35 %	0.611	3.407	⬆️ 107 %	
Apr, 2022	3.570	⬆️ 50 %	0.763	2.704	⬇️ 21 %	

Source: <https://cryptoslam.io/>

### The market capitalization of different categories.





## Top Marketplaces

Marketplace	Volume(30D)	Sales(30D)	Traders(30D)	Buyers(30D)	Sellers(30D)	Fee Rate
OpenSea	\$3,452,785,627.27	2,026,792	477,421	355,141	292,511	2.50%
LooksRare	\$3,300,506,436.55	46,472	25,588	12,593	17,400	2.00%
X2Y2	\$302,904,914.81	175,600	10,582	3,582	8,534	2.00%
CryptoPunks	\$63,339,500.49	321	337	172	189	0.00%
Foundation	\$6,714,935.14	5,034	2,446	2,343	133	Primary: 15.00% Secondary: 5.00%
Rarible	\$3,041,787.76	3,172	2,810	1,866	1,035	2.50%
Decentraland	\$3,017,617.65	192	218	162	67	2.50%
Meebits	\$353,326.41	13	22	10	12	0.00%
Sandbox	\$196,922.50	1,056	400	346	64	5.00%
Known Origin	\$78,013.40	41	31	25	7	Primary: 15.00% Secondary: 2.50%

Source: <https://nftgo.io/analytics/market-overview>

## Total Fractionalized NFTs Market Cap: \$85,817,536

### Top Fractionalized NFTs

	NAME	TOKEN	MARKET CAP	LIQUIDITY	PRICE	TOTAL SUPPLY
1	The Doge NFT Fractional.art	BUY DOG	\$59.02M	\$11.18M	\$0.00347	1.57B
2	Feisty Doge NFT Fractional.art	BUY NFD	\$7.39M	\$2.3M	\$0.0000739	9.44B
3	Etherrock #72 Fractional.art	BUY PEBBLE	\$5.49M	\$1.27M	\$0.0000763	12.95B
4	APE Punk Niftex	BUY APES	\$2.64M	\$64.98k	\$264.01	10k
5	Head DAO Fractional.art	BUY HEAD	\$1.98M	\$26.11k	\$0.00373	3.38M
6	Ross Ulbricht Genesis Collection Fractional.art	BUY FREE	\$1.9M	\$453.05k	\$0.000204	504.01M
7	Angry Doge Fractional.art	BUY ANFD	\$1.81M	\$27.3k	\$0.0000181	4.25B
8	Antique Zombie Shards Niftex	BUY ZOMB	\$1.06M	\$189.48k	\$1.06k	1k
9	Cheetah Gang Fractional.art	BUY CHEETAH	\$883.46k	\$21.57k	\$88.34	537.27
10	ZombieCats Fractional Vault Fractional.art	BUY ZCAT	\$850.69k	\$170.75k	\$0.0116	7.4M
11	R64X.com NiftexV2	BUY R64X	\$815.68k	\$81.09k	\$127.45	6.4k
12	The Other Deadness Niftex	BUY DED	\$766.12k	\$10.44k	\$1.53k	500
13	The Nifty ONEz Niftex	BUY ONEZ	\$235.91k	\$79.64k	\$2.35	100k
14	Skull Candy Niftex	BUY CANDY	\$217.31k	\$2.47k	\$2.17	100k
15	COLE DAO NiftexV2	BUY COLE	\$197.08k	\$17.31k	\$1.97	99.99k

Source: <https://dappradar.com/nft>



## Metaverse Summary : 2022-03

### Cryptovoxels Overall Analysis (2022-03)

First Class	Second Class	Total	Added in Mar.	Added in Feb.	Mar.vs Feb.	Conclusion
Traffic	Traffic	21,177,945	515,026	666,043	-23%	Dramatic decrease
Parcel	Number of islands	34	1	1	0%	minted a new island called Venice
	Number of parcels	7,400	64	395	-84%	
	Area of the parcels	1466376	19,176	208,279	-91%	
	Number of landlords	2256	73	129	-43%	
Trade	Primary market sales volumes	6684	188	263	-29%	Dramatic decrease
	Secondary market sales volumes	3842	116	152	-24%	Dramatic decrease
	Primary market sales(USD)	16,473,237	903,428	1,483,180	-39%	Dramatic decrease
	Secondary market sales (USD)	21,421,486	495,425	912,984	-46%	Dramatic decrease
	Avg Price in Primary market (ETH)		1.71	1.99	-14%	Dramatic decrease
	Avg Price in Secondary market (ETH)		1.5	2.13	-30%	Dramatic decrease
	Avg Price in Primary market (USD)		4805	5266	-9%	Slight decrease
	Avg Price in Secondary market (USD)		4270	5637	-24%	Dramatic decrease

Note: A fluctuation of more than 10% is a large change, 3%-10% is a small change, and a fluctuation of less than 3% is basically stable.

- ❖ In the context of the significant decline in the Metaverse, almost all data indicators of Cryptovoxels have also decreased significantly.
- ❖ The average price in March on the secondary market is abnormally lower than that of the primary market. This is because at the end of this month, Cryptovoxels' official Discord was hacked, and parcels of several landlords were stolen and sold in the secondary market at a price of about 0.5eth, which was much lower than the market price.
- ❖ The average parcel area of the newly-minted 64 parcels this month was 260 square meters, which is much lower than the average area of 527 square meters last month.

**Decentraland Overall Analysis (2022-03)** In the context of the significant decline of Metaverse prices, almost all data indicators of Cryptovoxels also decreased significantly.

First Class	Second Class	Total	Added in Mar.	Added in Feb.	Mar.vs Feb.	Conclusion
Owner	Owner	6516	88	140	-37%	Dramatic decrease
Trade	Sales volumes of Lands	8451	209	244	-14%	Dramatic decrease
	Sales volumes of Estates	1455	71	54	31%	Dramatic decrease
	Avg Price of Land (USD)		15047	18207	-17%	Dramatic decrease
	Avg Price of Estate(USD)		14851	18172	-18%	Dramatic decrease
	Sales of Lands (USD)	54,412,849	3,144,863	4,442,595	-29%	Dramatic decrease
	Sales of Estates (USD)	64,680,924	6,472,818	7,788,671	-17%	Dramatic decrease

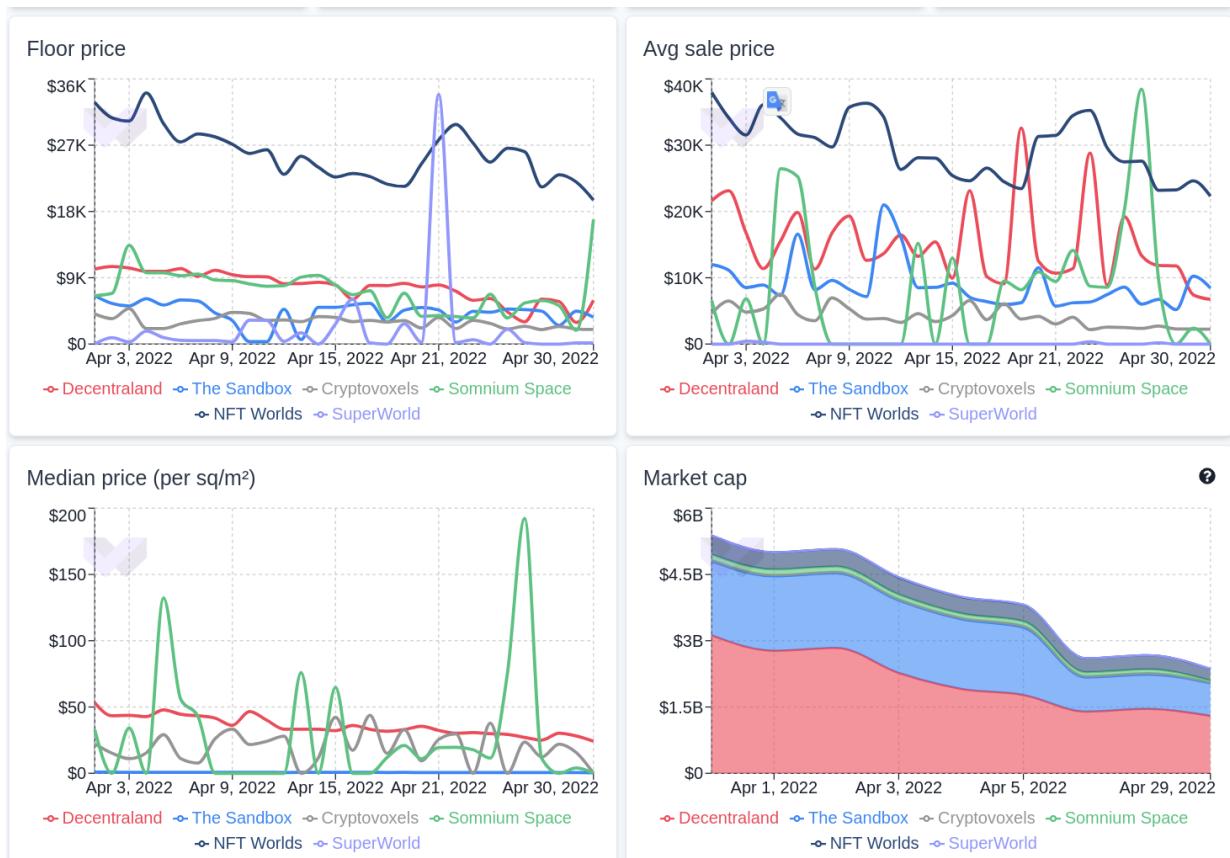


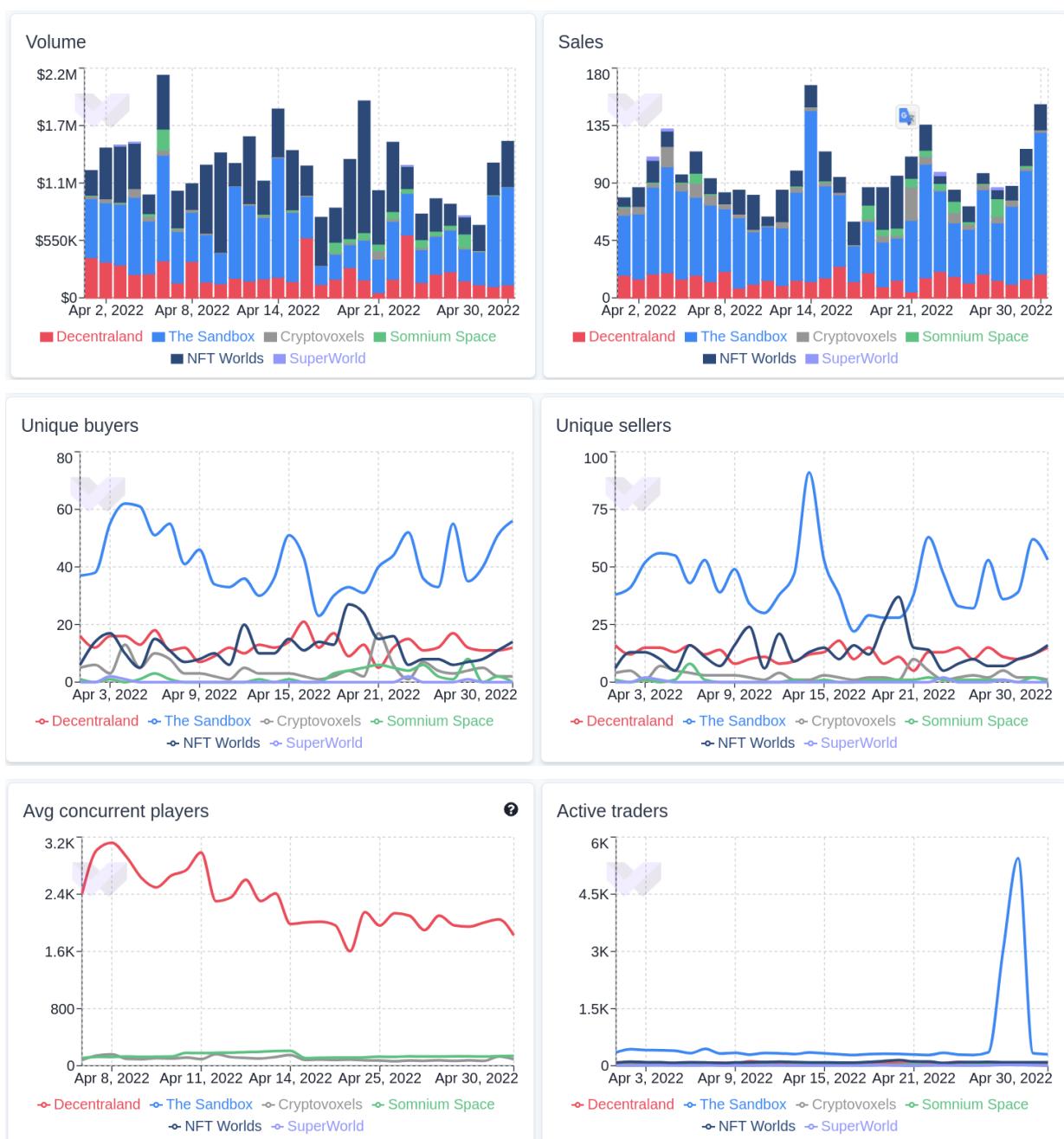
## The Sandbox Overall Analysis (2022-03)

First Class	Second Class	Total	Added in Mar.	Added in Feb.	Mar.vs Feb.	Conclusion
Trade	Sales volumes of Lands	26,418	850	1,961	-57%	Dramatic decrease
	Avg Price of Land (USD)		9,090	11,292	-19%	Dramatic decrease
	Avg Price of Land (ETH)		3.32	4.12	-19%	Dramatic decrease
	Sales of Lands (USD)	137,294,266	7,726,759	22,143,943	-65%	Dramatic decrease
	Sales of Lands (ETH)	50,091	2,820	8,079	-65%	Dramatic decrease

**Metaverse Analytic.** Real time price, volume, and usage statistics for major Ethereum-based Metaverse economies.

	Avg market cap, \$B	Total volume, \$mln	Total sales, thousand	Avg concurrent players
April	3,927 <span style="color: red;">▼ 56 %</span>	37,3 <span style="color: green;">▲ 23 %</span>	2,9 <span style="color: green;">▲ 93 %</span>	2,5 <span style="color: red;">▼ 20 %</span>





Source: <https://analytics.wemeta.world/metaverse/welcome>

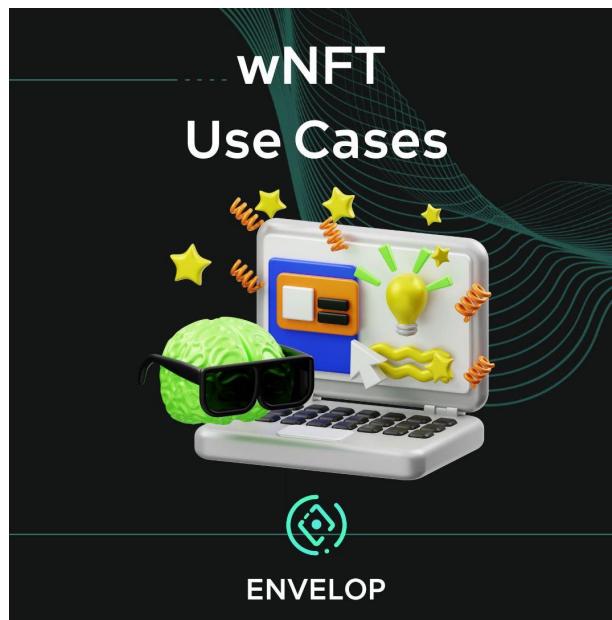
Thus, the NFTs market has formed the second stage, when everyone has had enough of selling "cats", "punks" and digital "pictures" and has moved on to creating protocols, marketplaces and other multi-platform solutions.

## Features

1. If you are ready to become a member of DAO and help develop the project and community, [join our Ambassador program](#)
2. Documentation - <https://docs.envelop.is/>
3. NFT wrapping interface is available now <https://app.envelop.is/#/>
4. NIFTSY staking is live here <https://app.envelop.is/farming/#/>
5. [How to wrap your NFTs using the Envelop Protocol](#)



6. The worlds first [wNFT store](#)
7. [Envelop partners with OKC](#)
8. [Keivo Studio, Blocsport](#) and [Envelop](#) team up to launch the [Ballies 2.0 NFT](#) drop on [Crypto.com](#)
9. Envelop is now compatible on 8 networks: Ethereum, Swarm, Avalanche, Polygon, BNBCHAIN, Harmony protocol, OKC Network, NEAR Protocol
10. [Oort Digital x Envelop Integration Progress Report](#)
11. All about NFTs, GameFi, DAOs, Metaverse, Future Web in [telegram channel DeWeb](#)
12. [ENVELOP in Instagram](#)
13. [ENVELOP in TikTok](#)
14. CEXs:
  - [https://www.zb.com/en/trade/niftsy\\_usdt](https://www.zb.com/en/trade/niftsy_usdt)
  - [https://www.aex.com/page/new\\_trade.html#/?symbol=niftsy\\_usdt](https://www.aex.com/page/new_trade.html#/?symbol=niftsy_usdt)
  - [https://www.gate.io/en/trade/NIFTSY\\_USDT](https://www.gate.io/en/trade/NIFTSY_USDT)
- DEXs:
  - <https://app.uniswap.org/#/pool/144069>
  - <https://info.quickswap.exchange/pair/0x67d40983fc25d34d788000f7d028f356f130b072>
  - <https://pancakeswap.finance/info/pool/0xc40a60bf66f7718d2a058f648bcbbabd1ee08125>



Envelop wNFT Use Cases. Here are some examples of the many wNFT use cases.



## wNFTs for Creators



 ENVELOP

## wNFTs for HODLRS



 ENVELOP

**Creators.** The authors can set their parameters for the NFT, including the collateral and royalties

**HODLers.** Storage of crypto assets inside a wNFT with a pre-defined unwrap date. This allows the token and assets inside the time to gain value and eliminates paper hands in a bearish market.

## wNFTs for Traders



 ENVELOP

## wNFTs For Game-Fi



 ENVELOP

**Traders.** The traders get a faster execution of trades

**Games.** The opportunity to receive royalties, to throw different tokens or objects into collateral, or to rent objects. Greater functionality of characters and artifacts.



## wNFTs for Metaverses



 ENVELOP

## wNFTs for Music



 ENVELOP

**Metaverses.** With Envelop, any NFT can be converted into an advertising space, providing its owners with additional monetization opportunities. By connecting web 2 advertisers and web 3 audiences, Envelop has extensive tracking and analysis capabilities.

**Music.** Songs can have a time-locked release date. Artists can incentivize fans with royalties for the music NFTs they own.

## wNFTs for Access



 ENVELOP

## wNFTs for AR/VR



 ENVELOP

**Access.** Tokens be utilized as a loyalty tool such as tickets, AAA passes, for one off events and lifetime access. Holders can receive drops for loyalty.

**AR and VR.** Using Augmented and Virtual reality, digital assets can be hidden inside objects. Wrapped NFTs can be won using the play to earn model.



wNFTs for  
gifts

wNFTs for  
Marketplaces

ENVELOP

**Gifts.** Gift NFTs or GINFTS can be bought and sent to receivers wallets with an unwrap time-lock set for a special date in time.

**Marketplaces.** To guarantee an NFT's unburnable value, the owner pledges digital assets inside a wNFT, resulting in a secured floor price. Marketplace

Smart wNFTs  
for liquidity

ENVELOP

**Smart wNFT for liquidity.** The project tokens are distributed to the investor in the form of wNFT. This preserves the investor's liquidity and reduces the risk of the project's price being dumped.

## Conclusion

We had long debates and doubts about whether to make the digest longer or shorter. We decided on an alpha version in this format. I'd like your feedback: what do you think? Which sections to add? What kind of graphs and figures would you like to see? And in general - wishes for development. In the meantime, see you on [https://t.me/envelop\\_en](https://t.me/envelop_en)