



NFTBomb: The World's First NFT Protocol Ecosystem

WHITEPAPER



NFTBomb

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Abstract

NFTBomb is the first open ecosystem that integrates the NFT protocol layer and application layer. While its market module connects Metaverse assets to the real world, its incubator Origin Protocol and NFT Launch Pad solve the financing and liquidity problems for NFTs. NFTBomb provides NFT developers, creators and collectors with a one-stop NFT-DeFi experience.

1. Market Overview

1.1 Introduction to NFT

Non-Fungible Token (NFT) is a non-fungible asset that is unique and cannot be split. NFT can be connected to real-world objects. NFT provides the owner of the native digital assets (assets only exist in or originate from the digital world) with proof of ownership, which can live outside of a centralized server or repository.

In Economics, fungible assets refer to assets such as currencies, stocks, bonds and precious metals. Fungible assets are divisible and interchangeable. Assets of the same nominal value and attributes can be considered the same. In this sense, they are more of a symbol and assets themselves don't carry much value. Non-fungible assets, such as houses, cars, furniture, artwork, data assets and the vast majority of other assets, are neither divisible nor interchangeable. It's rather obvious that most assets in the real world are non-fungible, such as artwork, video game items and IDs.

NFT can be used to map assets on-chain and is also a unique digital collectible itself. Currently, most NFT projects are for digital collectibles, video game assets and virtual worlds, with well-established ecosystems and trading platforms. Token minting and trading platforms allow you to easily create NFT tokens, view NFT contracts and trade NFTs.

1.2 The Growth of the NFT Market

NFT has scarcity and asset property. NFT becomes a digital collectible as it maps the data. As with traditional collectibles, people collect for passion, social needs, cultural identity and investment purposes. Collectors are often able to reach a consensus within the same culture circle and are willing to pay a lot more than what non-collectors can imagine for a rare collectible. This phenomenon is no news in many culture industries (e.g. fan economy and audiophiles), and the NFT crypto- collectibles market is no exception.

The biggest difference from traditional collectibles is that some NFT collectibles are multi-purpose. Firstly, in the context of games, an NFT is more than just a collectible. It can be used in the game and has value in the virtual world. Secondly, as blockchain data is transparent and reliable, different applications can work together to showcase NFT collectibles. For example, in the Cryptovoxels virtual world, users can showcase NFT artwork they own.

As of this March, 2021, the cumulative trading volume of NFT artworks reached \$546 million with the total transaction count exceeding 190k. The NFT industry continued to thrive in Q1 2021, with significant growth in the number of transactions, 5 transaction volume, number of active wallets and number of traders compared to Q4 2020, including a 2,053% increase in transaction volume and a 129% increase in the number of traders.

At the same time, like DeFi, NFT has the potential to be Lego bricks, being able to combine with others in the ecosystem. In the world of blockchain, NFT can be combined with many elements, including lending and gaming. If we can tap into NFT's economic value, we can ensure its constant liquidity. In the real world, NFT can be combined with some physical assets, such as property, securities, insurance, etc. Not only that, NFT is also becoming more and more accessible, as a painting, graffiti or a toy can be an NFT. If these assets can be successfully "NFT-ed", the market expansion to come will be extraordinary.

2. Problem and Solution

2.1 Market Pain Point

The value discovery of NFTs relies on advanced Dapps. However, the existing NFT Dapps nowadays are built on backward protocols. The difficulties of applying advanced NFT protocols to real practice causes the lack of liquidity in the NFT market.

2.2 Solution: Creating A Protocol Ecosystem

- 2.2.1 A protocol ecosystem can aggregate creators, developers, and consumers to create, collect and make transactions.
- 2.2.2 A protocol ecosystem can incubate the financing medium used on the most advanced NFT and DeFi protocols. The value of these financing medium is larger than the sum amount of the current NFT market.
- 2.2.3 Different innovative protocols can expand the DeFi boundary of NFT in the way of Lego, and further enhance the vitality of the NFT market and the income of NFT investors.

3. Ecosystem Components

3.1 Origin Protocol

Origin Protocol is the main protocol of the protocol ecosystem. It enables developers to create their protocols, which help NFTs achieve asset financing issuance and get dividend income. The advantage of Origin Protocol is its one-stop DeFi experience, which includes NFT asset trading, convenient usage of NFT protocols, and NFT dividend governance of high-quality protocol projects.

3.2 NFT Launch Pad

NFT Launch Pad is the first decentralized NFT protocol financing platform in the crypto world. It will empower the NFT-DeFi project to issue financial NFT assets and acquire research and development fundings, and increase the liquidity of the NFTs.

3.3 NFT Exchange

Our NFT exchange aims to cast valuable NFTs and provides high-frequency trading scenarios for top influential digital assets. It creates an economic ecosystem based on the NFT-DeFi protocol, and continuously exports native NFT financial assets to the market. NFT Exchange 2.0 provides a new way to combine user consumption scenarios and investment scenarios altogether.

pair of keys can be only tried once, thus making the possibility to win the lottery increasingly higher as the game continues (till 100% winning rate at the end). The desire for winning the lottery can stimulate the participants buy and sell NFTs, to improve the circulation of NFTs and give the NFT market application layer more playability.

4. Competitor Analysis

	NFTBomb	Opensea	Factional
Category	PECO (Protocol Ecosystem)	Marketplace	Protocol
Target NFT market	Primary market, secondary market, derivatives market	Primary market, secondary market	Derivatives market
Scope of service in NFT DEFI	Rich	Null	Singularity
Target users	Developer + Trader	Trader	Developer
NFT liquidity	High	Low	Low
Funding medium	DEFI NFTs	Null	Tokens

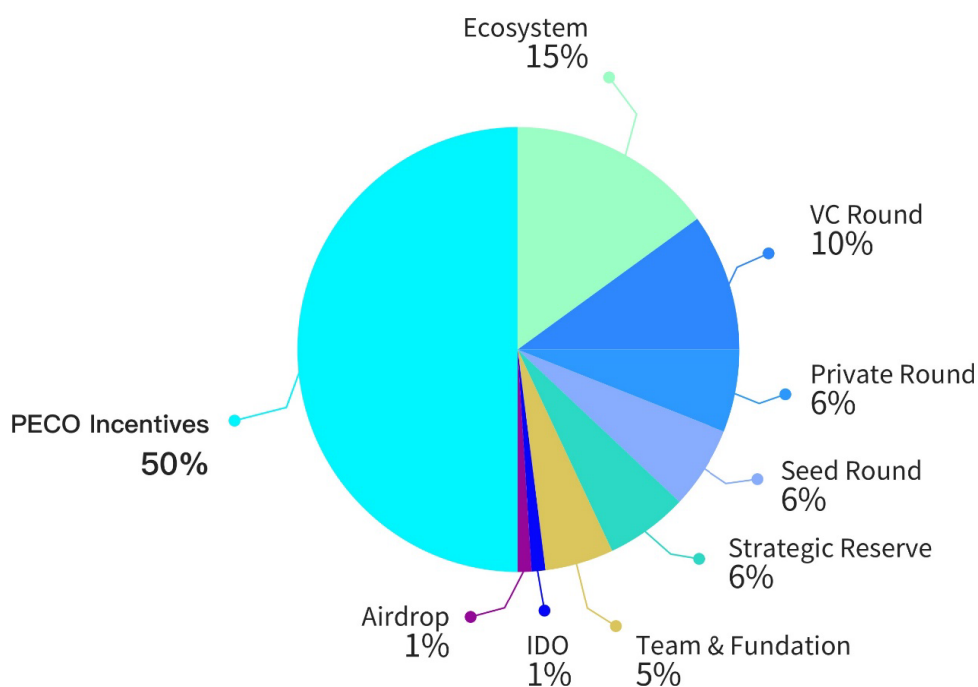
5. Tokenomics

5.1 Introduction to NBP

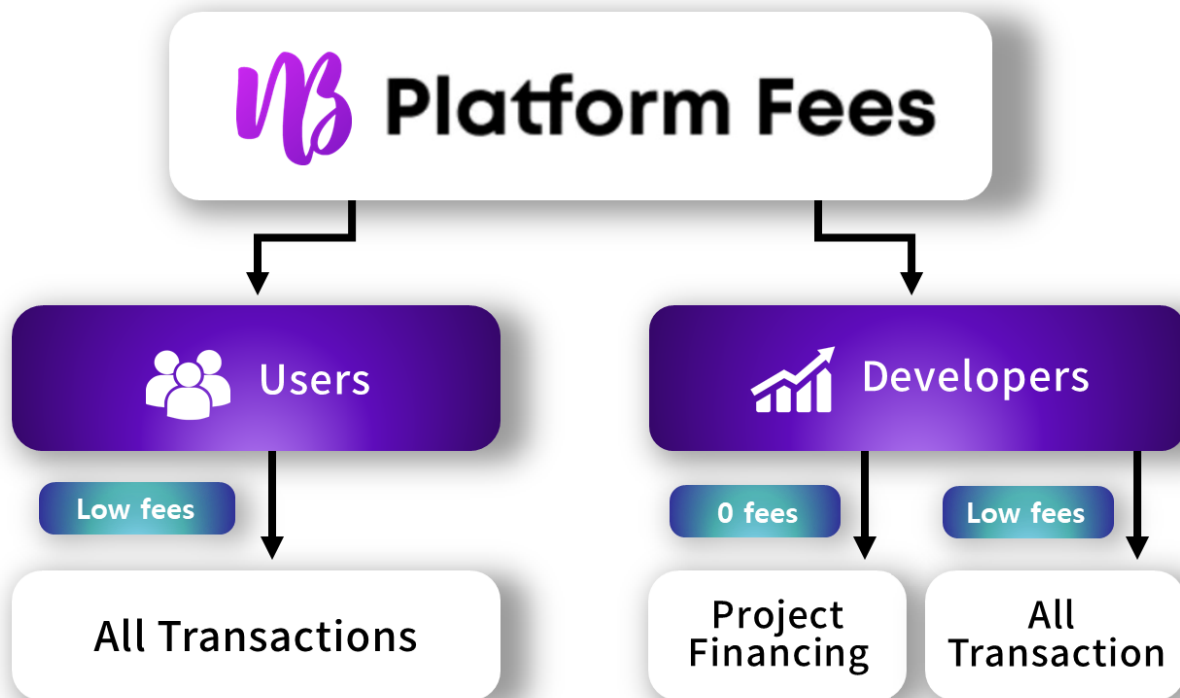
NFTBomb Token (NBP) is NFTBomb's protocol ecological-economic incentive token. It will provide long-term effective motivation for protocol developers, NFT creators, and NFT traders on the platform.

5.2 Allocation of NBP

Total Quantity of NBP: 1 Billion



5.3 Business Model of NBP



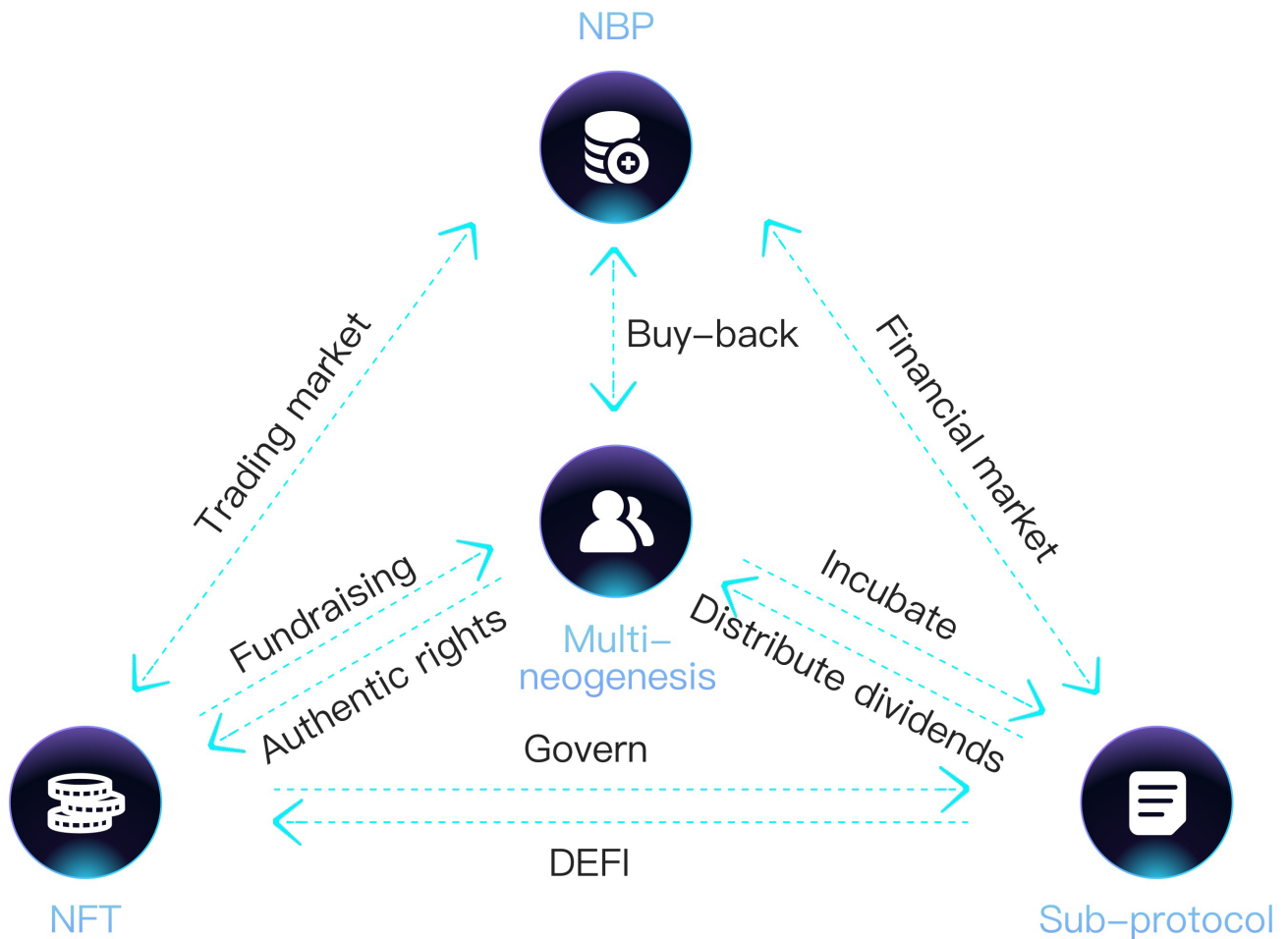
5.4 Reward and Incentive Mechanism of NBP

All funds and asset trading activities in the market will be empowered by NBP. Token holders will benefit from:

- Platform transaction fees will be used to buy NBP back
- Holders of NBP will have the opportunity to invest in advanced NFT-DeFi agreements and the priority to purchase high-quality NFTs.

NBP will also be used as an incentive for community participation. Users will have the opportunity to earn NFTB easily and instantly by completing the following operations:

- Invest in high-quality NFT
- Invest in high-quality NFT-DeFi protocol
- NFT for DEFI, such as: NFT loan, NFT lottery
- Hold NFTBomb's official NFT
- Stake NFTB on DEX

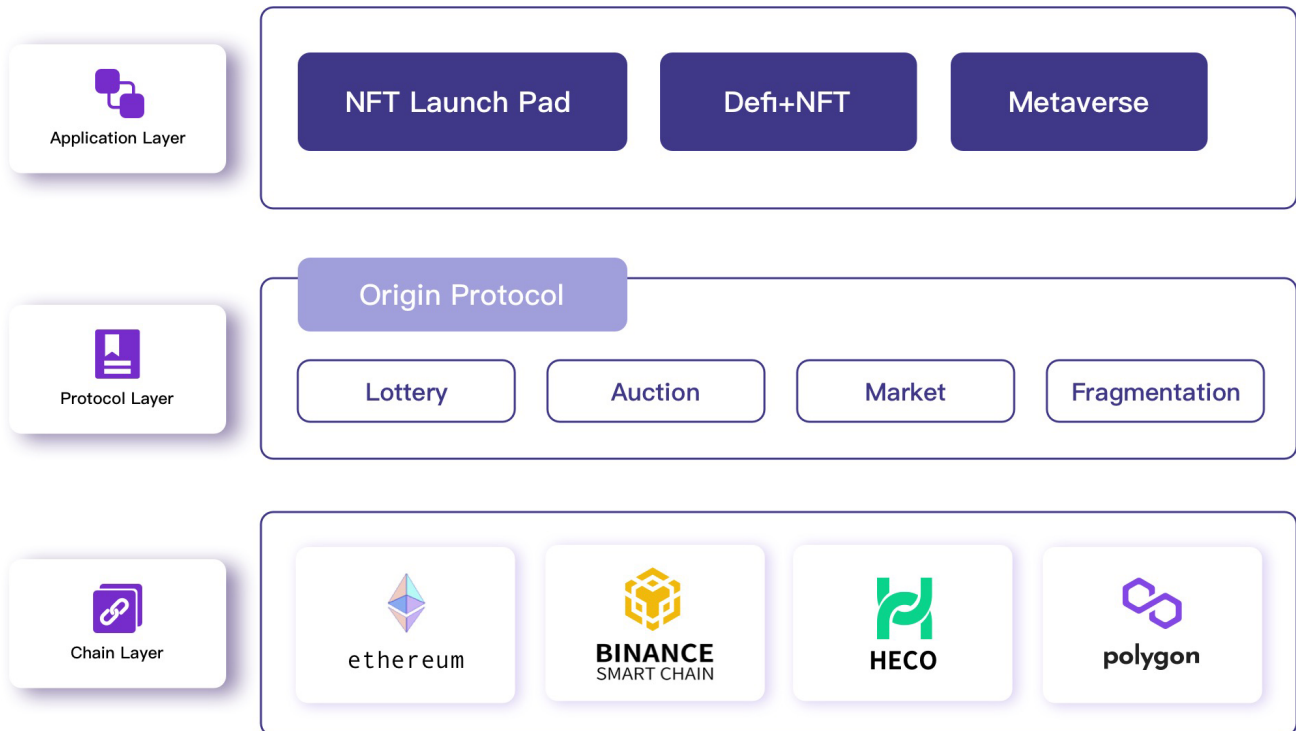


6. Technology Architecture

NFTBomb uses the following technologies:

- Technologies Solidity - Ethereum exchange Smart Contracts architecture
- TheGraph - Query NFTs across different EVMs blockchains
- Node.js - JavaScript runtime built on Chrome's V8 JavaScript engine - used as NFTrade's API
- IPFS Cluster - Decentralized storage for minted NFTs
- AWS - Cloud infrastructure (Redis, minio, S3, EC2, MongoDB, EKS, etc..)
- Cloudinary - Cloud-based image and video management services, used as a caching service of NFTs on NFTrade

The project is being built using Smart Contracts (Solidity) and deployed on Ethereum Network. Later it will be expanded to other EVM-compatible networks such as Binance Smart Chain and Polygon. Fees and contracts will be audited and secured using Hardware Wallets and/or multisig wallets. Tokens and NFTs are all either ERC20 or ERC-721 compliant. In the future ERC-1155 standard can be used to better serve the use cases.



7. Roadmap

2021Q2

- NFTBomb project established the foundation
- NFTBomb early team formed
- Developed INO Protocol

2021Q3

- Developed Fragmentation Protocol
- Developed Auction Protocol
- Made NFTBomb's trading market
- Kibomb beta version online

2021Q4

- Make Kibomb's Blind Box function online
- Develop Boom Protocol
- Develop Origin Protocol

2022Q1

- Develop NFTBomb's multi-chain protocol
- Ecological construction of NFTBomb
- Develop NFTBomb's sub-level protocol API
- NFTBomb's DAO Proposal

2022Q2 and Afterwards

- Open NFTBomb's sub-level protocol API
 - Launch DeFi Component
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8. Team

CEO Maxime Defachelle

He masters several programming languages and has experience in module development in PHP/JAVA /Python. He is an expert on marketing strategy for internet projects, and deliciated himself to graphic development for business solution. As a Windows services system expert, he is good at not only the integration and deployment of IT solution, but also web infrastructure and the application of cryptology.

CTO Aurelien Peuportier

He formerly worked for IBM (Watson R&D) & IBM Q Research Development and Service (Formerly as Superclass co.Ltd). His research specialities include quantum chemistry and applied mathematics, post-quantum cryptology aiming at the development of security protocols, blockchain consensus algorithms, decentralized finance, and non-fungible token cryptographic algorithms. He is also an expert on smart grid and industry supply chain, cloud and Hadoop environments, SAAS system and ERP development, and advanced application of Python.

COO Norberto Dognini

As a former Chief Marketing Officer of one of the leading digital marketing agencies in the UK, (Digitransformer,) he is a digital marketing specialist with 10-year experience in running campaigns on Google, Facebook, LinkedIn and many other pay per click platforms. He has rich experience in managing high profile pay per click campaigns and developing software for high converting landing pages.

9. Contact Information

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