

Landing Page Content

World's 1st

Complete NFT Search Engine

Hebys® is a powerful search engine and real-time tracker of all on-chain and off-chain NFT assets on multiple blockchains, marketplaces and metaverse. Hebys® powers the complete NFT lifecycle, allowing anyone to seamlessly discover, create and trade NFT assets across the whole ecosystem.

Multi-Chain

Lower-fee multi-chain capabilities powered by Ethereum, Avalanche, BSC and other major blockchains

Passive Income

The more you hold HEBYS tokens, the more you get! Hodl for more and get a passive income

Mobile-First

With Hebys Mobile App, get to know the latest hot collections, browse and create new NFTs on the go.

Inter-chain Browsing Ability

You can search for NFTs all around Web 3.0 with powerful search features

WITH POWERFUL FEATURES PROVIDED BY HEBYS

Unlock the full potential of NFTs and Metaverse

NFT ecosystem itself is a complicated space. So we're providing a multi-chain structure containing all major blockchains, marketplaces and metaverse, allowing users to get a passive income, browse and discover digital assets across the whole ecosystem and all will be available on-the-go!

HEBYS is our native token to unlock powerful features!

With HEBYS token, you can access to special features, stake and farm NFTs and get more of it by just hodling it!

- Utility
- Governance
- Marketplace Mining
- Staking Reward (Passive Income)
- Medium of Exchange

HEBYS token will enable collectors and creators to vote on multiple upgrades and decide how the platform should develop further.

You won't be able to purchase HEBYS on our platform. It can only be earned by actively participating on the platform.

In addition to your HEBYS holdings earned by participating on the platform, you will be able to deposit extra holdings and will be able to stake it to earn more HEBYS.

HEBYS holders will be able to pay for transaction fees, premium features such as featured, sponsored, highlighted listing, special collection inclusion with their native token.

TEAM

FAQ

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Whitepaper

HEBYS

World's First Complete NFT Search Engine

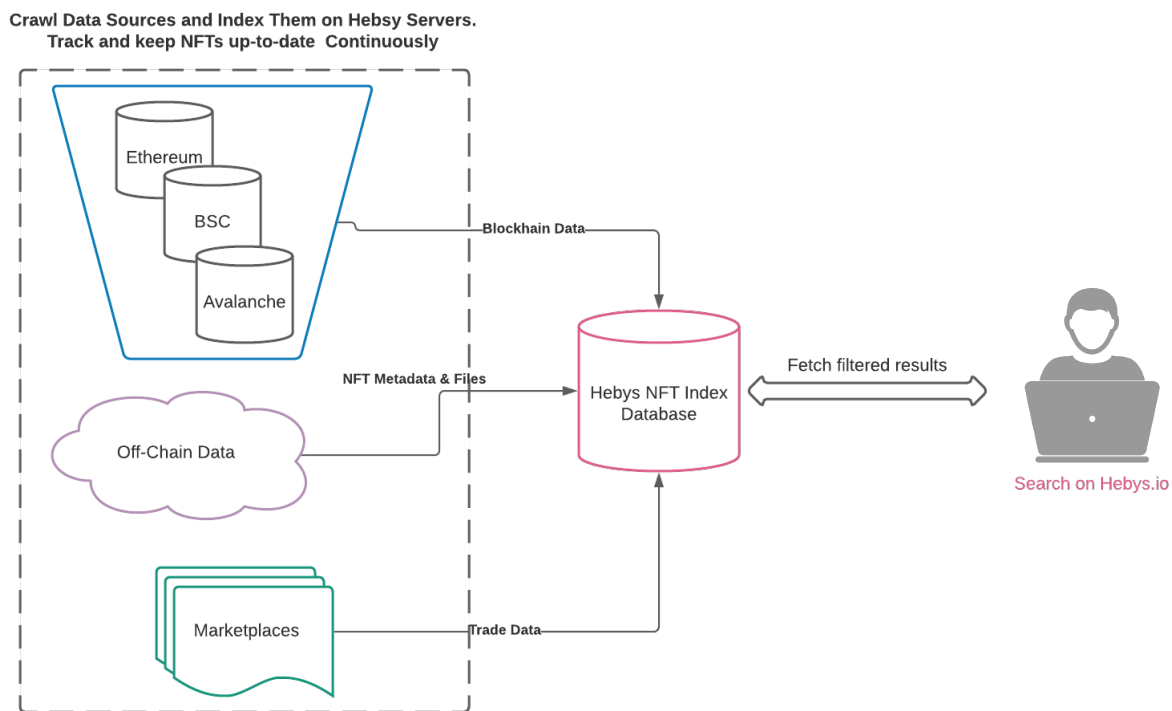
What's Hebys all about?

First of its kind in the world, Hebys is a robust and comprehensive **NFT Search Engine** with multi-chain and cross-chain capabilities, metaverse/marketplace-agnostic browsing and AI features.

Hebys is like "Google Search" but for NFTs, like "Amazon" for sorting/filtering/ranking within the field and like "Palantir" for dynamic/real-time tracking and data analytics.

It is an aggregator and real-time tracker of all NFT assets on all major blockchains, marketplaces and metaverse whether on-chain or off-chain and powers the complete NFT lifecycle, allowing anyone to seamlessly discover, create, trade NFT assets across the whole ecosystem. Using Hebys, anyone can easily gain access to the NFT market to unlock the full potential of what NFT ecosystem offers.

Hebys NFT Hub Flowchart

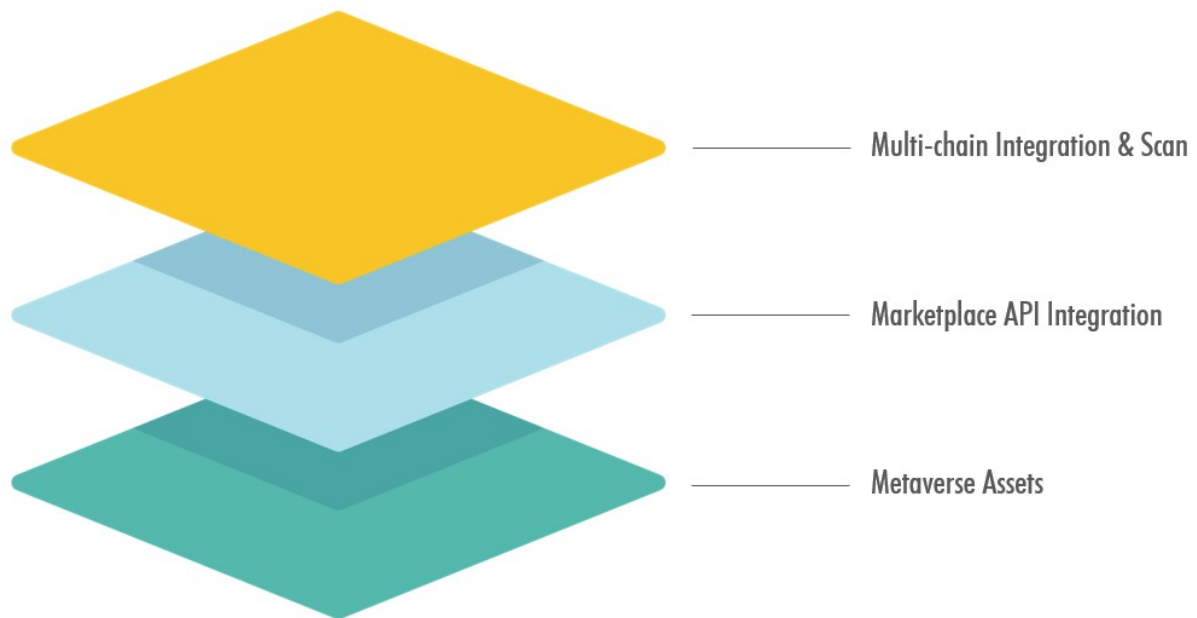


Vision: Unify & Simplify We believe simplifying processes on both sides of the trade for users will unlock the full potential of NFT ecosystem comprised of scarce digital assets scattered all around web. Hebys will unify the assets acting as a hub and make it simple for average user by utilizing it's multi-chain structure powered by major block-chains.

Search Engine

Data Aggregation Approach

HEBYS search engine architecture consists of three layers. Our algorithm continuously scans all major block-chains, marketplaces and metaverse assets. Millions of NFTs have been indexed as of now and counting as you read. So if it's on a block-chain, marketplace or a metaverse project, it's on HEBYS in a matter of minutes. Even if it's off-chain, the search will provide you with relevant data.



Search API

An Ecosystem of our own

Hard to populate a new marketplace, right? We know! So here is our search API to help your project take-off right away.

- | | |
|---|--|
| ● R&D costs for a multi-chain search feature | ✓ Pricing options including free plan |
| ● Lack of content to populate a fresh marketplace | ✓ Search API makes content available |
| ● Project-specific needs | ✓ Rich feature set to leverage |
| ● Lack of verification | ✓ Search API provides verified NFTs/Collections |
| ● Need for pricing data from various marketplaces | ✓ On-chain and off-chain scanning provides all the data needed |

Multi-Chain Marketplace App

Hebys Marketplace handles the problem from both sides of the trade: buyer & creator.
General

- Powerful Search on all major blockchains, marketplaces and metaverse.

Buyer Side

- Lower fees + Marketplace mining
- Simplified payment flow
- Multiple crypto and fiat payment options
- Multi-chain browsing ability
- Mobile accessibility

Creator Side

- Lower fees + Marketplace mining
- Simplified NFT creation flow
- Access to exclusive platform features by staking native token: HEBYS
- Featured, sponsored, highlighted listing, special collection inclusion
- Inter-chain discoverability
- Mobile accessibility
- Ability to leverage **NFT Valuation AI**

Marketplace Features In Detail

- Cross-Chain support (Ethereum, Binance Smart Chain, Avalanche)

- Seamless signup process (Crypto wallet + Traditional signup with email)
- Lazy minting
- Direct sell or auction
- Participate in NFT auctions
- Multiple payment options
- Integrated NFT Wallet
- 2FA authentication
- Trending bids and collections
- Follow sellers
- User activity logs
- Alerts & Notifications
- Royalty Fee
- Unlockable content
- Social features

Feature-Rich Admin Panel

- Sub Admin Management
- Customer Management
- Whitelist/Blacklist Management
- Assets Management
- Payments & Fees Management
- User Activity Management
- API Integrations & SDKs
- SMS alerts & Notifications
- API integrations
- Trade management
- Marketplace Analytics
- Wallet and Account management

Technical Specification

NFTs are primarily either digitally created assets, or tokenized real-world assets on the blockchain.

Since Jan-2021 Non Fungible Tokens (NFTs) have gained a lot of attention in terms of assets for trading highlighted videos of basketball, digital artwork of artists, music royalties of musicians, having their own domain, and tweets of Twitter accounts. And we are still very much in the early stages of adoption which opens up a plethora of opportunities for future use cases as adoption continues.

Hebys.io allows users to manage NFT transactions without going through confusing steps of wallet creation, metamask linking, minting etc. and enable the customers to trade NFTs seamlessly.

UI/UX

The UI/UX of the marketplace is designed based on a large research, picking the best features from the leading marketplaces and adding additional layers to provide the best experience to the users.

Technology Stack

- Blockchain Programming Language: Solidity
- RDBMS: PostgreSQL
- Web App: ReactJS (Javascript and Typescript)
- Mobile App: React Native (Javascript and Typescript)
- Backend: C#.Net Core Web API
- Integration: RESTful API
- Container: Docker

ERC Protocols

Token standards like ERC-20 and ERC-721 require a separate contract to be deployed for each token type or collection. This places a lot of redundant bytecode on the Ethereum blockchain and limits certain functionality by the nature of separating each token contract into its own permissioned address. With the rise of blockchain games and platforms like Enjin Coin, game developers may be creating thousands of token types, and a new type of token standard is needed to support them. However, ERC-1155 is not specific to games and many other applications can benefit from this flexibility. New functionality is possible with this design such as transferring multiple token types at once, saving on transaction costs. Trading (escrow / atomic swaps) of multiple tokens can be built on top of this standard and it removes the need to "approve" individual token contracts separately. It is also easy to describe and mix multiple fungible or non-fungible token types in a single contract.

Hebys allows listing of a wide range of Non Fungible Token standards including ERC 721 and ERC-1155. But ERC-1155 is used as the default protocol for minting.

Hebys-minted NFTs work with all external systems that support the ERC-1155 standard such as OpenSea.

Software Architecture

On-Chain vs Off-Chain

Off-chain and on-chain transactions are both suitable depending on the use case. In many ways, on-chain transactions are ideal for cryptocurrency transfers, while off-chain transactions are perfect for non-crypto related transactions. Off-chain transactions are a "private" form of blockchain, thus good for projects requiring a high level of privacy such as decentralized identifiers (DIDs) and personally identifiable information (PII). Hebys combines aspects of both on-chain and off-chain transactions to develop hybrid transactions that require instant transactions that are not costly and need to be decentralized for transparency.

File Storage-IPFS

You may come across NFT assets that are hosted on platforms such as Amazon S3, Google Cloud, or even Dropbox. None of these solutions are well suited for something that you almost certainly want to prove the authenticity of. Think back to trading cards. Some of the rarest trading cards have an authority come in to verify their authenticity and provide certificates proving that authenticity. For digital items, this isn't possible. At least, not by just looking at the digital asset. Instead, we can leverage content addressability to prove the authenticity of a digital asset. When the asset is created, it can be added to the IPFS (Interplanetary File System) network. In doing so, a content identifier (CID) is generated. That identifier is unique to that asset. If someone had a copy of the assets and made a slight modification, the CID would change and anyone in the world would be able to see that the copy was not the original and thus (maybe) not as valuable.

Multi-Chain

NFTs can be minted either on Ethereum, Binance Smart Chain or Avalanche. Other NFT-compatible blockchain platforms will be implemented as well in the following project phases.

Scalability

Wallet Support

A key thing to consider before purchasing an NFT is where you can store it. Similar to when purchasing cryptocurrencies, you will need an electronic wallet to store your digital assets.

Hebys supports multiple providers such as Metamask, Dapper, Gnosis Safe, Frame, Web3 Browsers, Portis, Fortmatic, Squarelink, Torus, Authereum, D'CENT Wallet, Arkane and WalletConnect

- WalletConnect is built into more than 75 leading wallets.

See all wallets <https://walletconnect.com/registry/wallets>

Source Code and Version Management

Source code and version management is an important concept of SDLC-software development life cycle in order for developers to collaborate and make changes to shared projects while keeping detailed track of their progress.

Hebys team uses GitHub.com and the smart contract source code is public as of now.

<https://github.com/hebys/nft-marketplace-smart-contract>

Logging

Audit logs take note of just about every change within a system, providing a complete track record of the system's operations. Therefore, audit logs are a valuable resource for admins and auditors who want to examine suspicious activity on a network or diagnose and troubleshoot issues. These audit logs can give an administrator invaluable insight into what behavior is normal and what behavior isn't. A log file event, for example, will show what activity was attempted and whether it succeeded. This can be useful when identifying whether a system component is misconfigured or likely to fail.

Code Review and Analysis

Hebys' DevOps automation also performs continuous inspection of code quality to perform automatic reviews with static analysis of code to detect bugs, code smells, security vulnerabilities, and reports them.

It covers a wide area of code quality checkpoints ranging from styling errors, potential bugs, and code defects to design inefficiencies, code duplication, lack of test coverage, and excess complexity.

Cloud

Test environment is hosted on UpCloud and the production will be chosen amongst AWS, UpCloud and Digital Ocean.

Security

We continuously keep following state-of-the-art security measures and features with [OWASP - Open Web Application Security Project](#)'s recommendations beside our team's corporate experience especially in the banking sector which has the highest security rank among private sectors.

The entire platform is audited by multiple security experts and runs over 100+ security tests. The platform provides IP blacklisting, blacklist tracking, 2FA, Data encryption, Anti DOS/DDOS layers, Network monitoring, Intrusion detection, Firewall, Server hardening, Ports management, Google authenticator and so on.

Block Explorer

- Ethereum <https://etherscan.io>
- Binance Smart Chain <https://bscscan.com>
- Avalanche <https://explorer.avax.network> or <https://avascan.info>

HEBYS Token

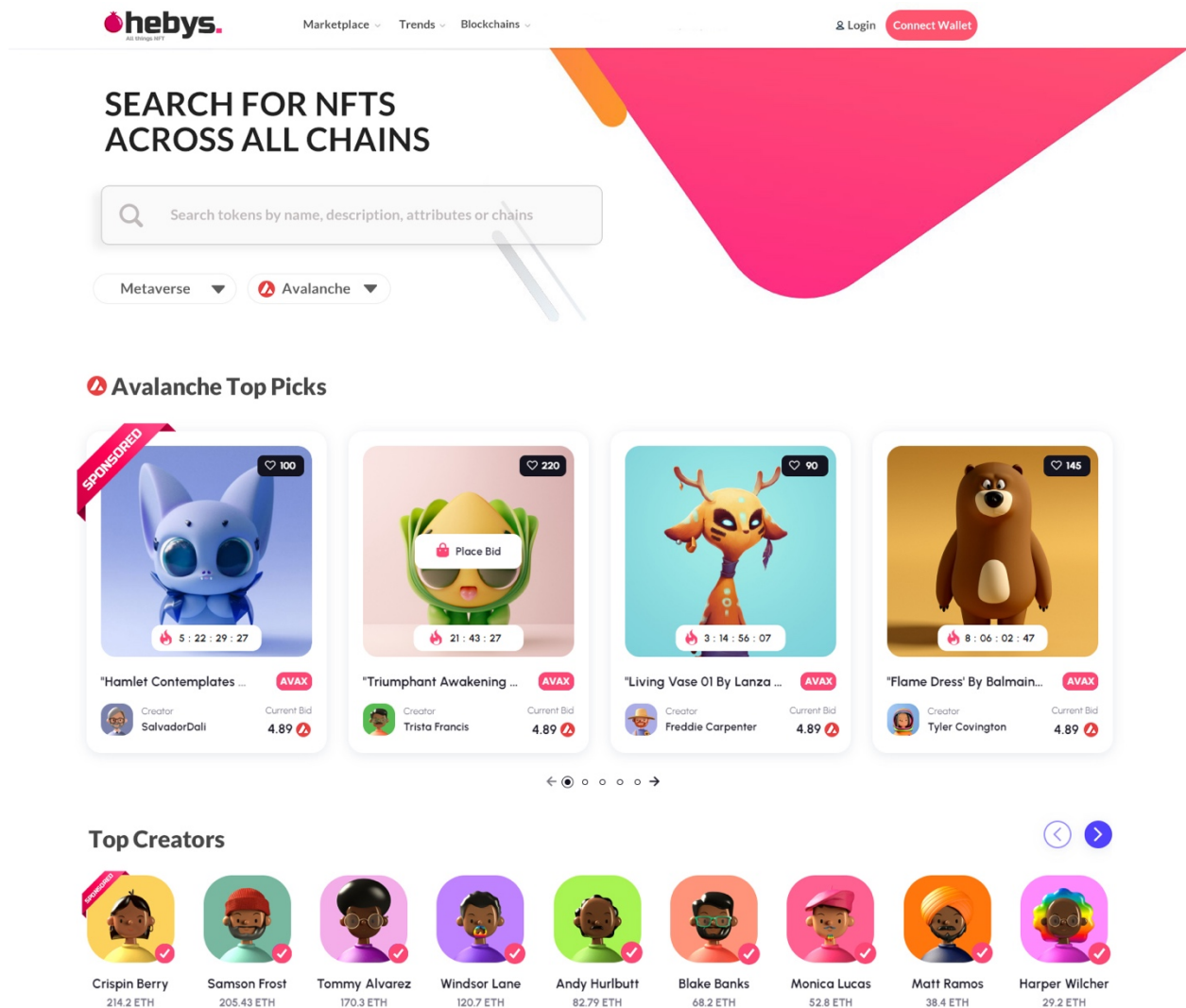
HEBYS token is the platform's native currency containing utility and governance features. Total supply of token is fixed at 1,000,000,000. HEBYS will be issued and distributed as an ERC20 token at TGE and will further be developed for multi-chain.

Token Utilities

Search Engine

\$HEBYS will be used to Access Search Engine Promotion Features

- Sponsored results
- Sponsored categories
- Sponsored creators
- Sponsored collections
- Highlighted results
- Sponsored sorting/filtering
- Asset valuation & verification
- Future marketing partner platforms



Search API

Hebys token will be usable for Search API plan payments.

Governance

HEBYS token will enable collectors and creators to vote on multiple upgrades and decide how the platform should develop further. This makes the governance of the platform directly responsive to our most active users and brings HEBYS closer to being a public good operated by the community members who value it most.

Medium of exchange

Ultimate goal of HEBYS for its native token is to enable holders to proceed with all transactions regardless of the block-chain.

Community Rewards

Search to Earn

HEBYS search engine users will be able to earn rewards in \$HEBYS for their search.

When users connect their wallet to HEBYS, they will be prompted with a claimable reward offer while being redirected. If they make a purchase from wherever they're redirected from HEBYS, the reward will be claimable within 24 hours from HEBYS.

Example: The user is off to purchase something from X Marketplace anyway, why not do it in return for a reward? And all the user needs to do in this case will be proceed over our search engine, come-back and claim the reward.



You're leaving HEBYS

You've clicked a result redirecting to:

<https://marketplace.io/assets/0x28472a58a490c5e09a23884...>

If you make a purchase

COME BACK AND CLAIM YOUR \$HEBYS WITHIN 24 HRS

[Go to Link](https://marketplace.io/assets/0x28472a58a490c5e09a23884...)

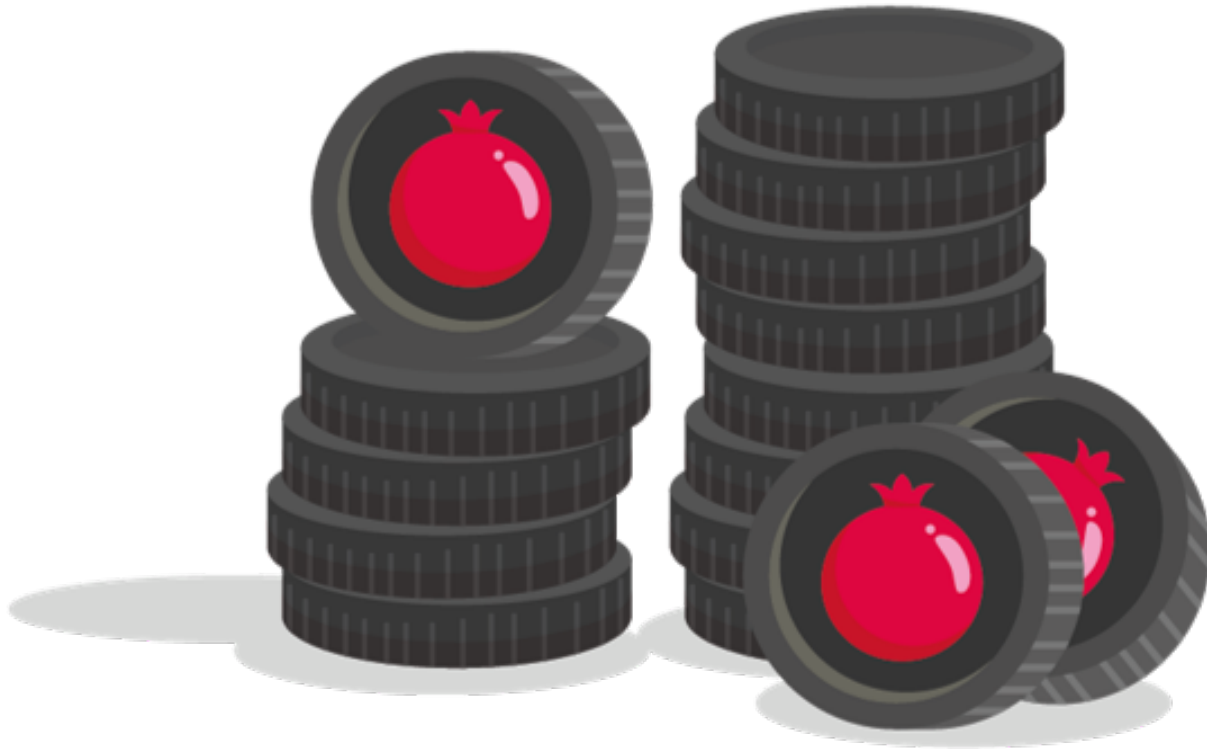
Marketplace Mining

HEBYS token will be earned by actively participating on the platform.

Over a quarter of HEBYS token's total supply is reserved for creators and buyers on HEBYS marketplace, who will receive HEBYS through weekly distribution according to weekly purchases and sales volumes.

Staking Rewards

In addition to your HEBYS holdings earned by participating on the platform, you will be able to deposit extra holdings from wallets, exchanges etc. and will be able to stake it to earn more HEBYS.



Airdrops

NFT community will be rewarded as per their NFT-related chain activity in regular cycles.

Tokenomics

Max Supply: 1,000,000,000

Ticker: HEBYS

Type: Utility

Network: Ethereum (ERC20)

Contract Address: TBA

	Number of Tokens	%	Price	Total \$	TGE	Cliff	Vesting
Strategic Round	4,000,000	0,40%	0,025	100,000 \$	5%	3 Months	12 Months, Monthly Linear
Seed	10,000,000	1%	0,035	350,000 \$	5%	6 Months	21 Months, Monthly Linear
Private	20,000,000	2%	0,045	900,000 \$	5%	3 Months	21 Months, Monthly Linear
Public	13,000,000	1,30%	0,06	780,000 \$	20%	No Cliff	12 Months, Monthly Linear
Team	100,000,000	10%	-	-	0%	22 Months	36 Months, Monthly Linear
Marketing	133,000,000	13,30%	-	-	0%	12 Months	60 Months, Monthly Linear
Advisors	50,000,000	5%	-	-	0%	3 Months	24 Months, Monthly Linear
Partnership	70,000,000	7%	-	-	0%	12 Months	24 Months, Monthly Linear
Liquidity Provision	100,000,000	10%	-	-	0%	-	120 Months, Monthly Linear
Community	400,000,000	40%	-	-	0%	-	120 Months, Monthly Linear
Ecosystem Fund	100,000,000	10%	-	-	0%	-	60 Months, Monthly Linear

Private/Seed Raise Target: 1,250,000 \$

Public Sale Raise Target: 780,000 \$

Roadmap

Q2 2021

- Concept Design ✓
- Team Formation ✓
- Platform Architecture ✓
- Market Research ✓
- Financial Modelling ✓
- Whitepaper ✓
- Web Site ✓

Q3 2021

- Partnerships ✓
- Community ✓
- Technical Infrastructure Development ✓
- Ledger-based NFT Search Development for major block-chains ✓
- Ethereum Integration & Chain-scan Initialization ✓

- Avalanche Integration & Chain-scan Initialization ✓
- Binance Smart Integration & Chain-scan Initialization ✓

Q4 2021

- Marketplace Launch on Test Environment ✓
- Search Engine Launch on Test Environment ✓
- Wallet Integrations ✓
- Multi-chain support ✓
- Smart Contracts ✓

Q1 2022

- NFT Launchpad on Test ✓
- Portfolio Management Features on Test ✓
- Major Sorting & Filtering Development ✓
- Search Algorithm Development ✓
- UI & UX Finalization ✓

Q2 2022

- Strategic Investment ✓
- Key Partnerships ✓
- Renowned Collection Partnerships ✓
- Marketplace Mainnet Launch (Beta) ✓
- Launchpad Mainnet Launch (Beta) ✓
- Audit ✓

Q3 2022

- Search Engine Mainnet Launch (Alpha) ✓
- Regular AMAs to be held on Twitter Space ✓
- Bitkeep Wallet Integration ✓
- Portfolio Management v2 ✓

Q4 2022

- Campaign Management ✓
- Blog Module ✓
- Price Estimation ✓
- Opensea Integration ✓

Q1 2023

- Multi-language UI ✓
- Rarity Rank and Score ✓
- Marketplace Integrations (Element.xyz, LooksRare, X2Y2, Kalao) ✓
- Hebys v2 (Scale up and improvements of the whole infrastructure) ✓
- Data Aggregation and Statistics v2 ✓
- ERC20 & Vesting Smart Contract Testnet Deployment ✓
- Coinbase Wallet Integration ✓
- Seed/Private Rounds #2 ✓
- Gamification (Awards by Achievements) for User Engagement ✓

Q2 2023

- Advertisement Management (Revenue Generation) (ongoing)
- Token Launch & TGE (ongoing)
- Mobile Applications (ongoing)
- Self-Node Deployment & Dockerization (ongoing)
- Solana Integration
- Direct Purchases of other marketplaces' assets w/o leaving the platform
- Data Aggregation and Statistics v3
- UI & UX for Gaming Collections & Assets
- Collection Creation by the User
- Contract Deployment by the User

Q3 2023

- Purchase Several Assets in one Basket/Card
- Instant Order Book & Fast Trade
- Credit Card Payment
- Conditional Buy-Sell Order

- Hebys' Genesis NFT Collection
- NFT Swap Exchange
- API Documentation & Pricing (Revenue Generation)
- Bug-Bounty Program

2023

- NFT Launchpad Progress Check
- Non-EVM Chain Integration & Chain-Scan Initialization
- Multi-chain HEBYS token utilization for purchase
- Special collections by world-known curators
- Social Features
- NFT Valuation AI

Please check <https://hebys.medium.com/> for regular activity reports.

** This plan for upcoming features and enhancements is an evergreen document and will most certainly evolve as we continue to learn from our R&D and users. The forward-looking product roadmap does not represent a commitment, guarantee, obligation, or promise to deliver any product or feature or to deliver any product and feature by any particular date. It is at the sole discretion of Hebys and therefore customers should not rely on this roadmap to make any purchasing decision.*