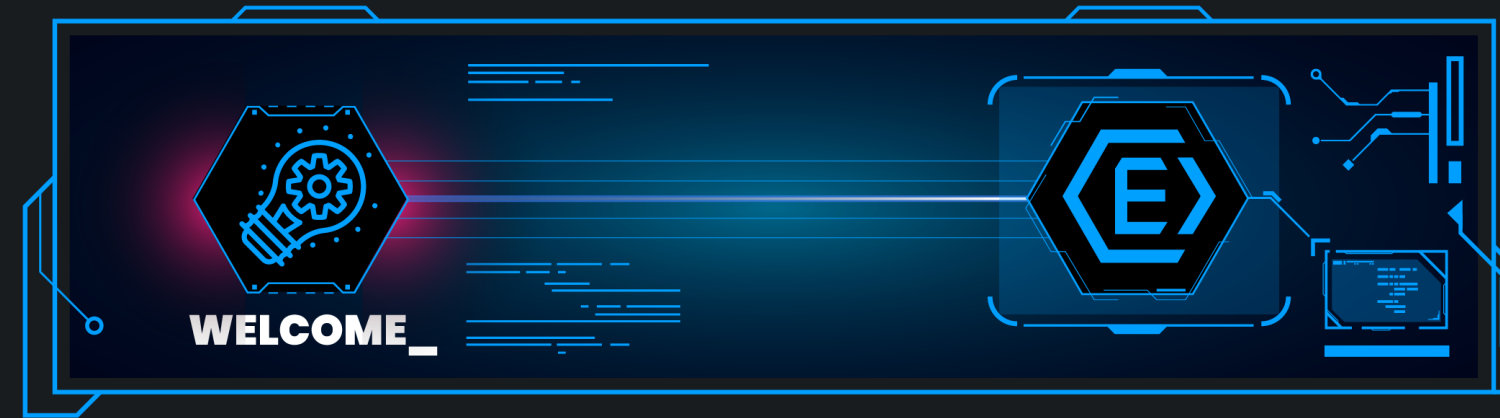# 👋 Welcome

Welcome to Exeno's whitepaper. The company is excited to share the scope of the entire project: past, present, and future. For full clarity, this document will cover all Exeno products to a degree: EXN (formerly Exeno Coin), Screx Store (formerly Exeno Store), Screx Marketplace, Exeno Finance, and other features as they are all intertwined. Please read through the sections here before viewing the remaining sections.

From this document, a reader should gather the following:

- What is meant by the crypto commerce industry and what Exeno's role within it is.
- What is meant by decentralized finance ("DeFi") and how Exeno Finance is driving this sector forward.
- An understanding of the products Exeno has currently deployed.
- An understanding of new features the company is planning or conceptualizing and how they fit into the Exeno ecosystem as well as have the potential to become standalone products.
- The full background behind the launch of EXN, what features it will aim to deploy with and how it has immediate utility within the Exeno ecosystem.
- The high level tokenomics of the EXN as well as its significant dates.
- The full understanding that all Exeno features will rely on the EXN.

The above are the key points from within this documentation. Please read especially the disclaimer before proceeding further.

🛑 Please read

Disclaimer - please read before proceeding

⚠️ This document is still a work in progress (WIP) and is subject to ongoing revisions, deletions, and general amendments. Please visit the version section to remain up to date with the latest changes. If you notice anything that may appear to be an error, please contact us.

Please be aware, that this whitepaper is continuously under development (unless otherwise stated), and therefore will be subject to updates and new additions, the current live version will always be the most recent and definitive version. The company will endeavor to maintain delivery of features and other requirements found within this whitepaper; however, it will not guarantee their full or partial delivery. The blockchain & crypto-based industries are continuously changing and exeno must ensure that - for the sake of its business continuity – it is responding accordingly. The company will aim to communicate major changes pertaining to this document via its official channels at its own discretion.

Additionally, and for full clarity: when describing EXN (Exeno Coin), the terms "token" and "coin" may be used interchangeably to describe a specific aspect about EXN (Exeno Coin). When discussing its technical infrastructure in line with the crypto industry definition, EXN (Exeno Coin) is a token that does not have its own blockchain and is built on others via the usage of smart contracts. When it comes to its main purpose, it is used as a coin for purchasing and selling items, it is not intended for functions more analogous with tokens such as those related to securities

Finally, the information provided within this documentation does not constitute investment, financial, or trading advice, or any other sort of advice, and none of the content should be treated as such. The content found within this section is provided solely for informational purposes. The company does not recommend any investment within or associated with its platform that should be bought, sold, or held by you, including but not limited to its own token (EXN), or any of its own or any third party associated products otherwise. Please conduct your own due diligence and consult your financial or other relevant advisor before making any investment decisions. The company will not bear any responsibility for any decisions you may take with its own or associated products. Proceeding with this Whitepaper will imply that this section has been read and fully understood.

📖 Terms

Terms that may be useful throughout the document

Please find an expanding selection of defined terms here (along with their source where applicable):

- **Annual Percentage Yield ("APY"):** annualized rate of return from an investment, factoring in compound interest that accrues or grows with the balance. Compound interest includes interest earned from the initial deposit, plus the interest earned on that interest (ref).

- **Blockchain Bridge:** a blockchain bridge is a tool that lets you port assets from one blockchain to another, solving one of the main pain points within blockchains – a lack of interoperability (ref).

- **Crypto Commerce (or c-commerce):** the industry focused on commercial transactions conducted both using cryptocurrency and other blockchain based products & electronically with the current mode being via the internet. It is a term used by exeno to define its focus within the industry.

- **Cryptocurrency:** a digital currency in which transactions are verified and records maintained by a decentralized system using cryptography, rather than by a centralized authority (ref).

- **Decentralized Autonomous Organization ("DAO"):** a decentralized autonomous organization (DAO) is an emerging form of legal structure. With no central governing body, every member within a DAO typically shares a common goal and attempt to act in the best interest of the entity. Popularized through cryptocurrency enthusiasts and blockchain technology, DAOs are used to make decisions in a bottoms-up management approach (ref).

- **Decentralized Finance ("DeFi"):** it is an emerging financial technology based on secure distributed ledgers similar to those used by cryptocurrencies. DeFi eliminates the fees that banks and other financial companies charge for using their services. Individuals hold money in a secure digital wallet, can transfer funds in minutes, and anyone with an internet connection can use DeFi (ref).

- **DIDCommunications (DIDComm):** consists of a set of tools to allow horizontal (or at least, power-neutral) and bidirectional channels of communication between two entities that know each other's Decentralized Identifiers (DIDs, more info) and nothing else. It resembles today's end-to-end encryption systems like Signal, Telegram, and Whatsapp more than it resembles traditional email (ref).

- **EIP-1363:** a recently introduced standard that improved upon the ERC-20 standard popular with many tokens today. It makes payment with tokens easier and also avoids charging gas fees multiple times due to the nature of the ERC-20 standard. More information can be found here.

- **ERC-20:** a technical standard used to issue and implement tokens on the Ethereum blockchain (ref).

- **EXN (Exeno Coin):** Exeno's own cryptocurrency currently based on the Ethereum, Polygon, and BNB Smart Chain platforms.

- **Non-Fungible Token (NFT):** cryptographic assets on a blockchain with unique identification codes and metadata that distinguish them from each other (ref).

- **Proof of Work (PoW):** in blockchain, this algorithm is used to confirm transactions and produce new blocks to the chain. With PoW, [crypto] miners compete against each other to complete transactions on the network and get rewarded (ref).

- **Proof of Stake (PoS):** the nodes of the network commit "stakes" of tokens for a set period of time in exchange for a chance at being selected to produce the next block of transactions. The node that's chosen — referred to as the "validator" — will receive the block rewards in the form of the native token of the network (ref).

- **Self-Sovereign Identity (SSI):** digital identities that are managed in a decentralized manner. This technology allows users to self-manage their digital identities without depending on third-party providers to store and centrally manage the data (ref).

- **Staking:** involves "locking up" a portion of your cryptocurrency for a period of time as a way of contributing to a blockchain network [relevant only to PoS coins/tokens]. In exchange, stakers can earn rewards, typically in the form of additional coins or tokens (ref).

- **Web 3.0 (also Web3):** a term coined by Gavin Woods (Ethereum co-founder & Polkadot founder) in 2014. It's main definition has been around the concept of the upcoming third generation of the internet where websites and apps will be able to process information in a smart human-like way through technologies like machine learning (ML), Big Data, decentralized ledger technology (DLT), etc. Basically, a decentralized form of the internet (ref).

- **Web Wallet:** A cryptocurrency wallet is an application that functions as a wallet for your cryptocurrency. It is called a wallet because it is used similarly to a wallet you put cash and cards in. Instead of holding these physical items, it stores the passkeys you use to sign for your cryptocurrency transactions and provides the interface that lets you access your crypto (ref).

🐞 Version

Version history - updated periodically

- Version 1.0 - Initial version of the Whitepaper
- Version 2.0 - Copy refined, product sections expanded, roadmap revised based on new deadlines.
- Version 2.1 - 27.11.2022 - New images refreshed. Added exeno finance
- Version 2.2 - 03/03/2023 - Revised content & URLs.
- Version 2.3 - 25/04/2023 - Further revisions made

🧑‍💼 Introduction

Welcome to the reason for Exeno

When Exeno launched its initial crypto commerce ("c-commerce") platform - version 1.0 - in 2021, the platform was a basic b2c e-commerce merchant website that accepted cryptocurrency payments through an exchange partner payment gateway. The interface was analogous to what was regularly found within the fiat currency industry, nothing that made it stick out. Regardless of both that and the challenges within the overall industry, along with limited test marketing, Exeno still witnessed growing Month on Month transactions as well as positive responses from within the blockchain industry itself. It is because of that, the company decided to redo its vision and mission in Q4 2021 and strive towards what would become one of its goals, to bring crypto to life in the sense that using crypto for day to date needs would be as good as fiat.

From 2022 onward, the company already started to embark on providing its perceived solution through its research, development, and ultimately deployment of not only new products but also better understanding its segments and what they require to make purchases with cryptocurrency. From this research, Exeno Finance came about in Q4 2022. While identifying the "pain points" in crypto commerce, Exeno also found that - in numerous cases - it overlapped with the challenges face within the Decentralized Finance ("DeFi") sector.

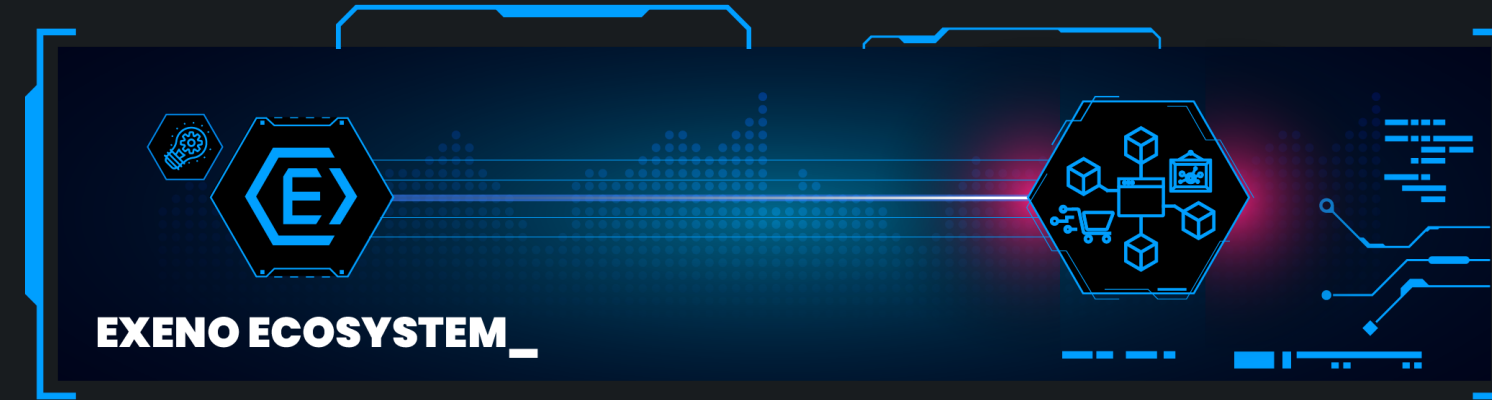EXN (Exeno Coin) was also launched in 2022 to act as a high utility token for the whole of the Exeno ecosystem.

While all products were developed from a common vision and goal, they started to form their own distinctive paths. To further support that, Exeno Store was renamed to Screx Store upon its deployment within the Binance App.

> ✅ Exeno now boasts three main products:
>
> - Screx Store - focused on selling physical goods for only crypto
> - Exeno FInance - A DeFi platform built with a hybrid 2.5 architecture aiming to resolve numerous industry and regulatory challenges
> - EXN - Exeno's token that continues to play a main role within Exeno's products.

🛣️ Roadmap ahead

How Exeno plans to become the leader in crypto commerce

EXENO ECOSYSTEM_

The roadmap below demonstrated how much is planned on the horizon.

Q2 2022
- EXN WEBSITE & APP v1.5 LAUNCH
- EXENO STORE LAUNCH
- EXN COIN AUDIT by CERTIK
- EXN COIN ICO & STAKING AUDIT by CERTIK
- GLOBAL PR & MARKETING LAUNCH
- COMMUNITY BUILDING
- MULTICHAIN EXCLUSIVE EXN PRE-SALE @POLYGON & ETHEREUM & BNB

Q4 2022
- FIRST EXN COIN LISTING
- EXN COIN WEBSITE & dAPP v2.0 LAUNCH
- BINANCE MINI PROGRAM APP v1.5 LAUNCH
- MULTICHAIN BRIDGE dAPP v1.5 LAUNCH
- NEW EXN COIN LISTING

Q2 2023
- HORSES HAVING HORNS NFT SERIES DEPLOYED
- MORE FEATURES ON EXENO FINANCE
- MORE FEATURES ON SCREX
- SCREX STORE DEPLOYED ON GATE.IO

Q4 2023
- NFT TECHNOLOGY APPLIED TO NEW AREAS
- INITIAL VERSION OF P2P MARKETPLACE LAUNCHED

Q3 2022
- MULTICHAIN EXN PRE-SALE @ POLYGON & ETHEREUM &BNB
- STAKING dAPP v1.5 LAUNCH (30-90 DAYS PAYOUTS)
- STAKEBACK APP v1.5 @ EXENO STORE LAUNCH
- MULTICHAIN BRIDGE dAPP v1.0 test/launch
- ICO/IEO

Q1 2023
- EXENO FINANCE LAUNCH
- BINANCE MINI PROGRAM APP LAUNCH AS SCREX STORE

Q3 2023
- NEW EXENO FINANCE UX/UI DEPLOYED
- SSI IDENTITY & REVIEW SYSTEM DEPLOYED

Q1 2024
- COMPLIANCE WITH NEW REGULATIONS WITHIN TARGET MARKETS
- EXENO BLOCKCHAIN IS LAUNCHED
- ADDITIONAL UPDATES MADE TO PRODUCTS

Please note that this roadmap is accurate as of April 2023. While exeno will endeavor to adhere to its deadlines, it cannot guarantee their full or partial delivery nor their exact dates (or that there will be no further delays). This roadmap will be revised and communicated accordingly

🏪 Screx 1.0 Store

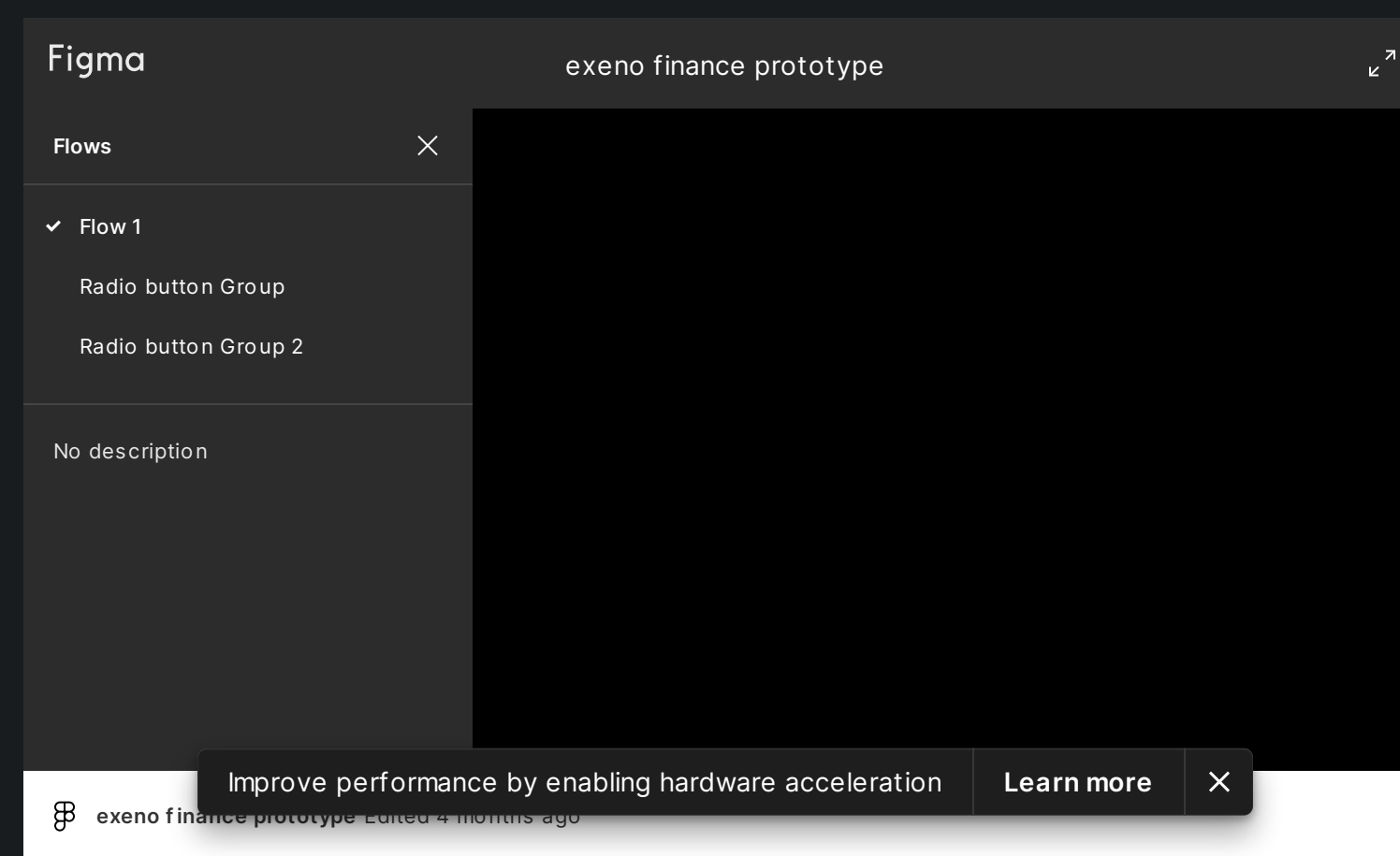Formerly Exeno Store, name changed as of March 2023

As discussed in the roadmap section, the currently live version of the Screx Store (formerly Exeno Store) started around a year ago. It's existence came about from the team's focus on creating a crypto commerce experience preparing for the Web 3.0 world that would not only rival that of the Web 2.0 / fiat based industries, but also incorporate the benefits of blockchain technology. The numerous benefits that have come out of it so far include:

- Analysis and insight into the behavior of the crypto consumer. This information continues to be used for both this version and upcoming products and features.
- Full offering of products that can be purchased with a wide range of cryptocurrencies.
- International logistics partners to deliver virtually worldwide.
- Continuous development using web wallets to not only purchase but also for single sign-on (SSO) purposes.
- Promotions to not only encourage usage but to also gain further insight.
- It is also being used to deploy new features that will carry on into the release of Exeno's peer to peer ("p2p") marketplace, currently named Screx 2.0 including SSI verification.

> ✅ Status: Live within the Binance App and soon deploying within other well known exchanges.

📈 Exeno Finance

A new multi-feature platform is needed, introducing Exeno Finance

Improve performance by enabling hardware acceleration   Learn more   ✕

exeno finance prototype Edited 4 months ago

This is the prototype of the final version of Exeno FInance which varies from the currently live version.

The world's first world's first seamlessly integrated DeFi, payment processor, Web3.0 ID, and vault platform in one within the blockchain based industry, where users get to know the world of centralized and decentralized finance and functionalities using blockchain technology from the inside out. The Exeno Finance solution is a multi-wallet hybrid approach on the market for not only payments in cryptocurrencies but also:

- Staking where the user can lock up an expanding list of cryptocurrencies and earn a competitive APY either in that token or choose to earn more in EXN (Exeno Coin).
- Bridge allowing a fast experience in converting a cryptocurrency from one blockchain to another, either paying associated fees in the native token being converted or reduced feed in EXN. This merges the previously launched bridge and improves it further.
- Vouchers can be generated and distributed in a manner of ways, thanks to the feature rich offering from the platform. They can even be sent to people who have not created a wallet yet.
- Liquidity pools will be on offer to contribute towards not only to further enhance the Exeno Finance offering, but also to allow liquidity providers to earn from all the services their liquidity supports.
- Escrow is no longer for just the fiat world! This new feature will not only become part of the core of Screx 2.0, but also enable new ways within the entire industry in which peer to peer ("p2p") payments and sales are made.
- Swap not only between coins but also between blockchain through an intuitive user interface, while also maintaining full ownership of your cryptocurrency at all times.
- Storing digital wallets, digital currencies, NFTs, and virtual identities (i.e. SSI).
- Expanding on the wallets further, users will be able to use their favorite web wallet but still plug into the full feature suite of the Exeno Finance platform.
- Its future resolution center will play a critical role in ensuring the Screx 2.0 users always feel safe with using the platform.
- Also coming in the future, the ever critical price stabilization of crypto held within a p2p process. Exeno Finance - together with EXN (Exeno Coin) - will enable the usage of all top popular coins within a p2p marketplace setup, regardless of if they are a stable coin or not. This combo of Exeno Finance and EXN will stabilize price on a platform, and not coin, level.
- Offline payment technology will also be evaluated. POS terminal, no problem. This payment gateway follows Exeno's vision to bring crypto to life, not restrict it.
- Exeno Pay - a multi-cryptocurrency payment gateway offered as a plugin into popular e-commerce frameworks to buy and sell products with cryptocurrency in a secure and fast manner.

Exeno Finance, like many of Exeno's products, will be available for other customers from launch and that means features like:

- Available APIs to ensure no barriers to integration.
- Dedicated business panel and tools

To wrap up: every user with a Exeno Finance account will get access to a set of unique functions supporting the issuing, adoption, and usability of blockchain based assets (i.e. cryptocurrency, NFTs, etc.) in everyday life.

> ✅ Status: launched in phases starting from Q4 2022

🗄️ Screx 2.0 Marketplace

Known as Screx 2.0, this will become the world's first fully functional safe & secure peer to peer ("p2p") marketplace

One of the long term goals for the Exeno team will consist of the world's first crypto only peer to peer ("p2p") platform built from the ground up. It will allow users to buy and sell both digital & physical goods using only cryptocurrencies. Every user will be able to participate as both a buyer and seller. It ushers in a whole new unprecedented crypto experience including:

- There is no "playbook" or software that quite fits the needs here. The Exeno team would build the entire platform from scratch. It will be a fully proprietary product.

- SSI based KYC verification will be introduced, offering a healthy balance between maintaining a blockchain industry need to decentralization with the important need for effective KYC. It will be also used to tackle other challenges such as mitigating product and seller review abuse.

- The full introduction of the Exeno Finance platform and it full set of features, built from the ground up to power such a platform such as a resolution center, price stabilization mechanism, storing a using SSI identity verification details, allowing to pay with numerous popular centralized and decentralized crypto payment methods, and more coming up.

- Not only will NFTs also be traded, but the technology will be used for a wider purpose.

Additionally, the platform will be a great place for users to get cryptocurrency, get used to blockchain and web3 technology, and educate users about these two fast growing areas. The Screx 2.0 solution will also serve as an excellent launch platform for creating unique technological solutions that will support existing players in the traditional market in the future, and the subsequent commercialization of these solutions will simplify and accelerate processes in e-commerce around the world.

> ⓘ Status: target launch is Q4 2023 and a more specific date will be provided when available

🙋‍♂️ Purpose

The coin to fuel crypto commerce

The cryptocurrency industry is flooded with new coins and tokens currently. As of the month during which this version of the whitepaper is being written, that stands at over 23,000 projects already according to CoinMarketCap (ref date 25th April 2023). When the team behind Exeno decided to initiate the topic of deploying its own coin, it had to not only keep that in mind, but also ensure the following:

- Users would understand that the project was already funded, in progress with products being developed & deployed, as well as ongoing research and resource expansion. It is critical to distinguish exeno from many other projects out there that may be over reliant on a crowd funding approach with their IxO (ICO, IEO, IDO, etc.), or just are prone to remaining an idea and/or ceasing to exists.

- EXN would play a genuine role in complementing Exeno's multi-chain commerce & DeFi vision.

- It would serve a true utility immediately within the Exeno ecosystem but also eventually as it also finds its own path that would spread support for the growth of crypto commerce & DeFi overall.

📊 Tokenomics

All information how EXN (Exeno Coin) tokenomics works can be found here

Total supply: 500,000,000 EXN

Blockchains: Ethereum, Polygon, BNB Chain

Breakdown:

EXENO COIN'S TOKENOMICS

- private sale 4%
- public sale 9%
- reserve 5%
- charity 1%
- team & advisors 9%
- emploee program 2%
- marketing 16%
- referral 5%
- staking 8%
- ecosystem 11%
- liquidity 30%
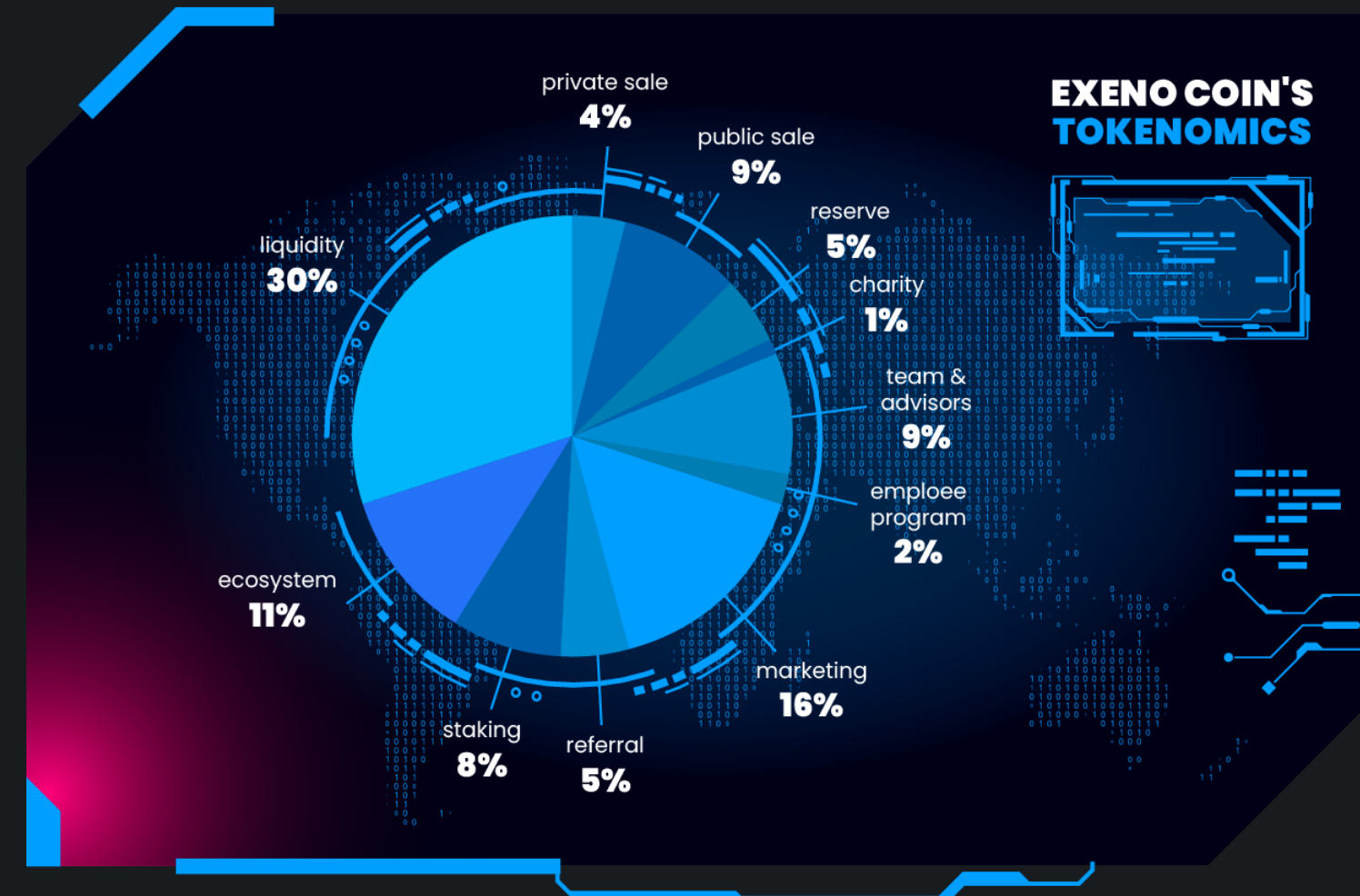
🔒 Smart Contracts & Audits

All verified & official links related to Exeno's solutions

Smart Contracts:

Smart Contract Name	Blockchain	Address
EXN (Exeno Coin)		
	Ethereum	https://etherscan.io/address/0x0c9b3ab1bd0cf0745625381f5c3aa1cd9bbc7abb
	Polygon	https://polygonscan.com/address/0x0c9b3ab1bd0cf0745625381f5c3aa1cd9bbc7abb
	BNB Chain	https://bscscan.com/token/0x35c3e9411179e91f2B35CC20b7727D2EdF3e8E9A
Exeno Finance		
	Ethereum	https://etherscan.io/address/0x4075a80DD952D27a58C6174f87571fdb7B1B5390
	Polygon	https://polygonscan.com/address/0xeE84f6e9C0caf5B3cE1CDD143D246F067ea84ce3
	BNB Chain	https://bscscan.com/address/0x24A75706eAA1A045A4d8ce6fCF1488586Dc7bD4C
Horses Having Horns 10k Collection		
	Ethereum	https://etherscan.io/address/0x199b877df5be8CD3486C66B5DFe5457EC11AEF94

Audits:

Certik audit: https://www.certik.com/projects/exeno-coin

⚖️ Legal opinion
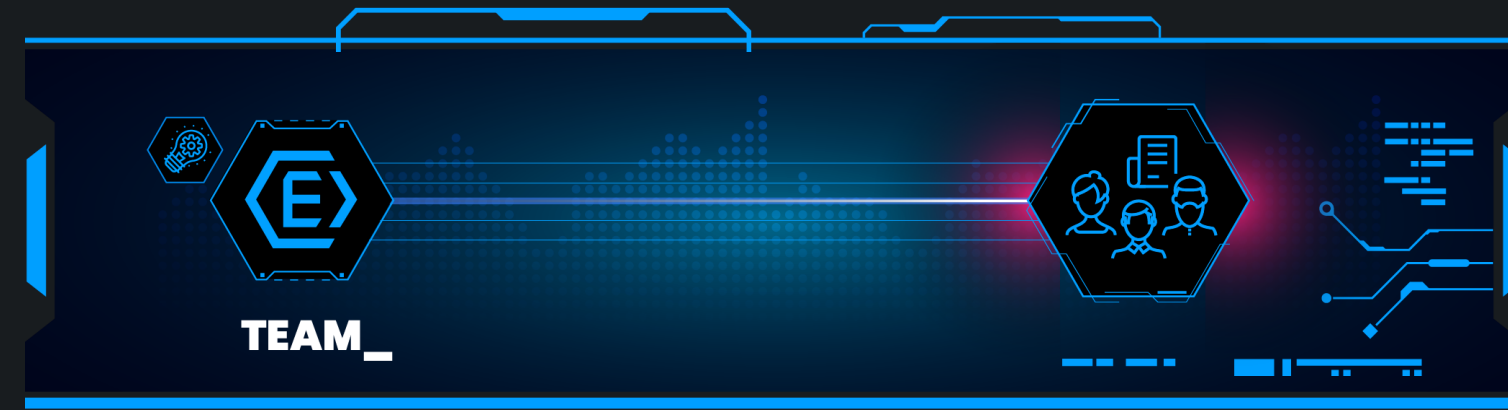
EXN (Exeno Coin) legal opinion

We're happy to share here the legal opinion related to EXN:

📎 **LEGAL OPINION EXENO COIN - EXN.pdf** 400KB
PDF

👫 Team

It takes talent to bring the revolution

The team consists of experts from blockchain technology, payment solutions, e-commerce, and other related industries.

Tom Babiak
CEO

Gary Szlatiner
CGO

Gosia Michalik
CMO

Michal Hossein
CTO

Bozena Glowacka
CLO

Jakub Zarembinski
Blockchain Architect

Kamil Kielbasa
Tech Lead

Ola Sulich
Growth Manager

Michael Piotrowski
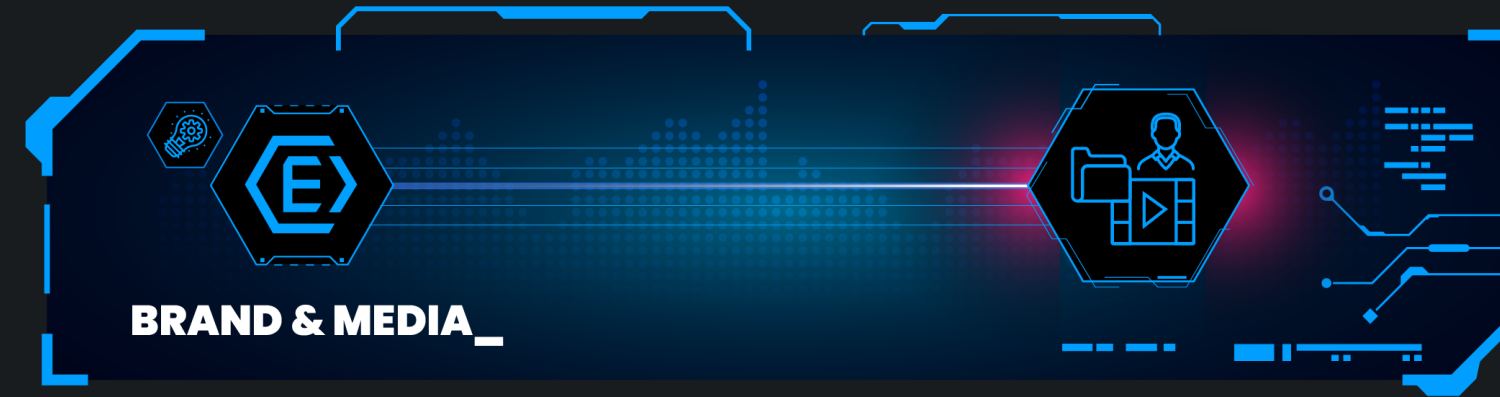Lead Designer

Matt Wesolowski
Senior Designer

Michal Matysiak
Senior Developer

Artur Krasinski
Senior Developer

Daniel Borawski
Senior Developer

📣 Brand & Media guidelines

Official guidelines and contacts can be found here

Brand guidelines:

- Exeno

exeno_com_brand_book_1_01_basic.pdf   22MB
PDF
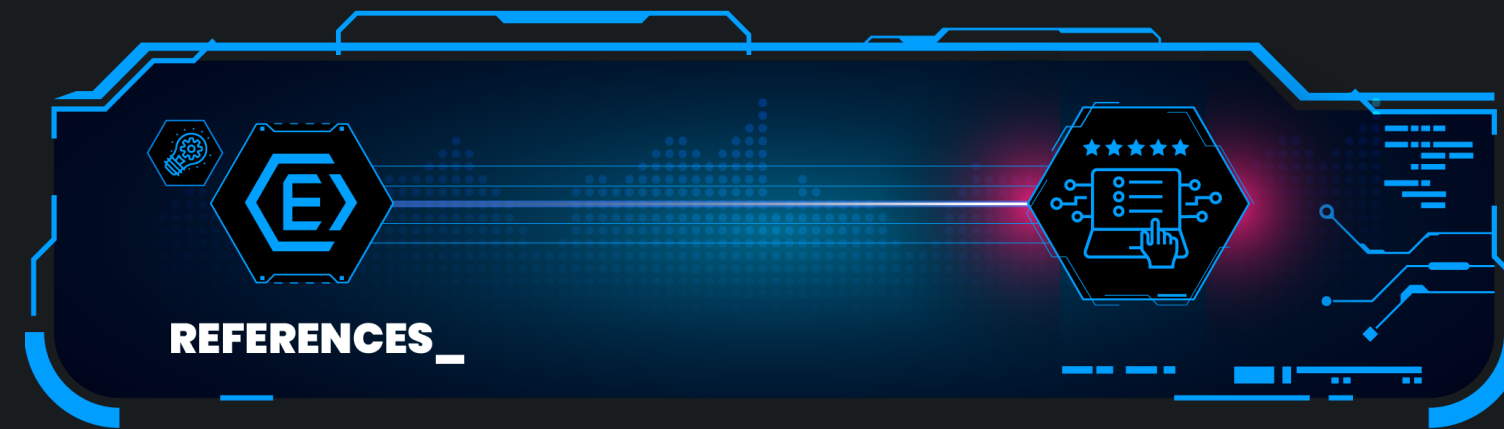
- EXN (Exeno Coin)

exeno_coin_brand_book_1-01_basic.pdf   4MB
PDF

For further assistance or to discuss other related topics - including a cooperation - please contact us here

📑 References

An expanding list of supporting reference is found here

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- Crypto Scams Surge 81% This Year Compared to 2020, New Research Shows, Tor Constantino | Published on Dec. 22, 2021 https://www.fool.com/the-ascent/cryptocurrency/articles/crypto-scams-surge-81-this-year-compared-to-2020-new-research-shows/
- How Cash-Back Sites Give You Money for Shopping, Courtney Neidel, March 2, 2021 https://www.nerdwallet.com/article/finance/cash-back-shopping-sites