



NEXUS NETWORK

WHITEPAPER

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THE COMPLETE GAMING BLOCKCHAIN IS HERE !

GAMING WITH P2E SYSTEMS IS EVOLVING WITH THE NEXUS PROJECT.
THE COMPLETE PACKAGE FOR A GAMER HAS BEEN DEVELOPED ON
THE NEXUS CHAIN.



OVERVIEW

THE NEW FRONTIER FOR BLOCKCHAIN GAMING!

NEXUS NETWORK, THE BLOCKCHAIN GAMING ECOSYSTEM, IS LAUNCHING IN EARLY 2023 AND COMES WITH THREE GAMES AND SEVERAL KEY COMPONENTS. CHECK OUT OUR ROADMAP BELOW TO SEE WHAT WE'VE ACCOMPLISHED SO FAR AS WELL AS OUR EXCITING UPCOMING MILESTONES.

AS A PIONEERING GAMING BLOCKCHAIN ECOSYSTEM FOR P2E INITIATIVES, NEXUS ENABLES GAME DEVELOPERS TO SEAMLESSLY INCORPORATE BLOCKCHAIN TECHNOLOGY INTO THEIR GAMES. BY DOING SO, GAME CREATORS CAN FOCUS ON WHAT THEY KNOW BEST: THE DEVELOPMENT OF GAMES. IN THIS PURSUIT, NEXUS OVERSEES THE IMPLEMENTATION OF BLOCKCHAIN TECHNOLOGY, NFTS AND SMART CONTRACTS. WE ENVISAGE A DECENTRALISED PLATFORM THAT BRINGS PROGRAMMERS, PLAYERS, AND BLOCKCHAIN FANS TOGETHER TO WORK ON AND PLAY GAMES BUILT ON THE BLOCKCHAIN.



VISION

OUR MISSION IS TO CREATE A CUTTING-EDGE PLATFORM FOR DEVELOPING GAMES AND THE EVERYDAY USE OF BLOCKCHAIN TECHNOLOGY THAT BRINGS BLOCKCHAIN ENTHUSIASTS, GAMERS, AND GAME CREATORS TOGETHER WITHIN A DECENTRALISED ENVIRONMENT. NEXUS LINK PROVIDES A CONNECTION TO THE COMPREHENSIVE BLOCKCHAIN DEMANDS DESIRED BY GAMERS AND AFICIONADOS OF BLOCKCHAIN TECHNOLOGY.

IN ADDITION TO ENABLING USERS TO CONSTRUCT PROJECTS AND PLAY VARIOUS GAMES ATOP THE NEXUS BLOCKCHAIN, IT WILL GIVE PLAYERS A CHANNEL VIA WHICH THEY MAY ACQUIRE NEXUS TOKENS AND NFTS.

NEXUS WILL ENCOURAGE COMMUNITY PARTICIPATION BY PROVIDING CHANCES FOR COMMUNITY MEMBERS TO CREATE, LEARN, AND DEVELOP IN VARIOUS WAYS ACROSS THE BLOCKCHAIN ECOSYSTEM. WE ARE ALWAYS LOOKING FOR INNOVATIVE DEVELOPMENTS THAT MIGHT ENHANCE THE P2E SECTOR. OUR GOAL IS TO MAKE OUR COMMUNITY A BREEDING GROUND FOR INNOVATIONS THAT MAY BE INCORPORATED INTO OUR STRUCTURES TO MAKE THEM MORE ROBUST AND EFFICIENT.

ULTIMATELY, NEXUS AIMS TO PROVIDE GAME DEVELOPERS AND STUDIOS ACCESS TO ALL THE TOOLS REQUIRED TO ACCESS DECENTRALISED TECHNOLOGIES AND ENCRYPTED SERVERS. THIS WILL ALLOW FOR ESTABLISHING NEW AUDIENCES AND THE TRANSITION TOWARD NFTS, P2E, AND THE METAVERSE.

**WELCOME TO
NEXUS NETWORK
COMMUNITY**

NEXUS PROTOCOL

EMERGING AT THE FRONTIERS OF BLOCKCHAIN INNOVATION, THE EXPANSIVE SCOPE OF NEXUS LAYER 1 SOLUTIONS INCLUDE A TESTNET, A MAINNET, A BI-DIRECTIONAL CROSS-CHAIN BRIDGE WITH FIVE CHAINS, A NFT MARKETPLACE, A BLOCKCHAIN EXPLORER, A DECENTRALISED EXCHANGE, AND A WALLET, WITH FURTHER FEATURES TO BE ADDED IN THE FUTURE.

THIS ECOSYSTEM WAS NOT JUST CREATED FOR GAMERS, BUT IT ALSO PROVIDES ALL OF THE DAY-TO-DAY BLOCKCHAIN NECESSITIES FOR ANYBODY TO CONSTRUCT AND OPERATE DECENTRALISED APPS, INCLUDING GAMERS, TRADERS, AND DEVELOPERS.

THIS MEANS THAT ANYONE MAY PARTICIPATE IN THE ECOSYSTEM.

HOW IT FUNCTIONS?

THE FANTOM BLOCKCHAIN WAS FORKED AND UPGRADED TO CREATE THE NEXUS BLOCKCHAIN, A LAYER 1 SOLUTION. IT IS POSSIBLE FOR THE NETWORK TO FUNCTION AS A FULL-FLEDGED GAMING BLOCKCHAIN BECAUSE OF THE HUGE NUMBER OF TRANSACTIONS THAT IT PROCESSES PER SECOND.

IN ADDITION, THE NETWORK ENCOMPASSES EVERYTHING ELSE THAT A GREAT L1 HAS TO OFFER. THE CHEAP TRANSACTION COSTS COMBINED WITH THE UNPARALLELED SPEED MAKE FOR A LIGHTNING-FAST ON-CHAIN GAMING EXPERIENCE. CONFIRMATION AND SAFETY OF BLOCKCHAIN TRANSACTIONS ARE ENSURED VIA NEXUS' IMPLEMENTATION OF THE LACHESIS ABFT CONSENSUS ALGORITHM, WHICH COMPRISES THE CLOTHO AND ATROPOS MECHANISMS. THE LACHESIS ALGORITHM MAKES IT POSSIBLE TO HAVE A BLOCKCHAIN THAT IS BOTH RELIABLE AND SIMPLE TO USE.

EXPLORING THE NETWORK

CURRENT BLOCKCHAIN SOLUTIONS INCLUDE MAKING CONCESSIONS IN ONE OR MORE OF THE FOLLOWING AREAS: SCALABILITY, SECURITY, OR DECENTRALISATION - REFERRED TO AS THE TRILEMMA OF THE BLOCKCHAIN.

HIGH THROUGHPUT AND QUICK FINALITY ARE REQUIREMENTS FOR THE TRADITIONAL FINANCIAL SYSTEM, PARTICULARLY FROM THE ACTIVITIES IN THE BACK-END TO THE SOLUTIONS PRESENTED TO CUSTOMERS. THE WHOLE BLOCKCHAIN SECTOR HAS A HURDLE WHEN ATTEMPTING TO DECENTRALISE THESE SERVICES ON A LARGE SCALE WHILE MAINTAINING BANK-LEVEL SECURITY.

SUSTAINABLE PROTOCOL

NEXUS IS AN ENERGY-EFFICIENT AND ENVIRONMENTALLY FRIENDLY PROTOCOL. SO FAR, A NEGATIVE CONNOTATION HAS BEEN ATTACHED TO THE DEVELOPMENT OF BLOCKCHAIN TECHNOLOGY DUE TO THE IMPACT THAT PROOF-OF-WORK TECHNIQUES HAVE ON THE ENVIRONMENT. ACCORDING TO SOME ESTIMATES, BITCOIN MINING PRODUCES 114 MILLION METRIC TONNES OF CARBON DIOXIDE YEARLY. IN ADDITION, MOST BITCOIN MINING OPERATIONS ARE LOCATED IN AREAS WITH A SIGNIFICANT RELIANCE ON COAL-GENERATED ELECTRICITY.

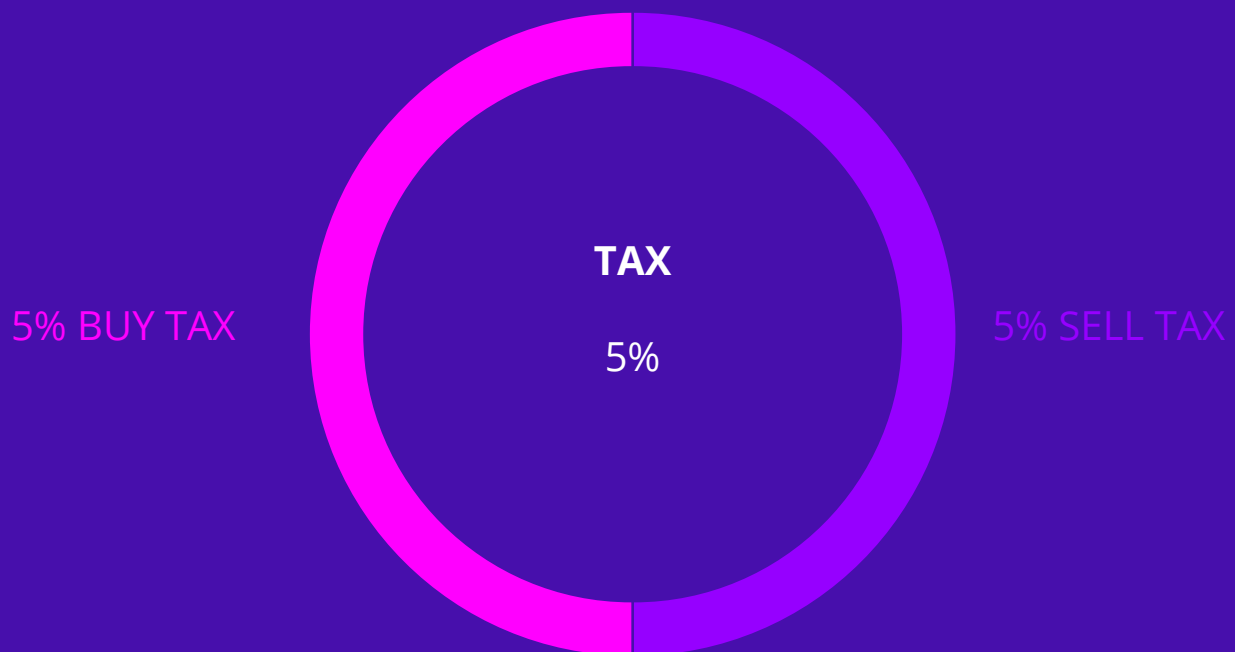
CONSIDERING THESE DETRIMENTAL EFFECTS ON THE ENVIRONMENT GENERATED BY THE PROOF OF-WORK CONSENSUS, THE PROOF-OF-STAKE WAS CREATED TO ELIMINATE THE NEED TO CALCULATE MATHEMATICAL EQUATIONS TO MINE BLOCKS AND ACHIEVE MAXIMUM ENERGY EFFICIENCY, WHICH IS THE METHOD NEXUS PLANS TO ADOPT TO BRING ITS CARBON EMISSIONS DOWN TO AN ACCEPTABLE LEVEL.

TOKENOMICS

\$NXS TOKEN IS THE CORE UNIT OF VALUE WITHIN THE NEXUS ECOSYSTEM.

USED FOR STAKING, GOVERNANCE AND ALL KINDS OF TRANSACTIONS ACROSS ALL APPLICATIONS INTEGRATED INTO THE NEXUS ECOSYSTEM.

| Token Name | Symbol | Network |
|---------------|--------|---------|
| Nexus Network | \$NXS | ERC-20 |





NEXUS DEX

The decentralised exchange, also known as the DEX, in NEXUS is a peer-to-peer marketplace in which frictionless transactions may take place between players and traders alike. Farming and staking will enable you to use and make the most of the full potential of your cryptocurrency. Interoperability and cross-chain capability will allow you to transfer your tokens and assets across other networks.

GOVERNANCE

Proof-of-stake consensus guarantees an environmentally friendly protocol that allows users to use all that NEXUS has to offer while minimising their impact. By allowing users to generate new suggestions and vote on existing ones for the growth and enhancement of the network, on-chain governance allows users to participate in community activities and interact with other community members.

FARMING & STAKING

Token holders of any quantity may engage in our ever-expanding farming and staking operations to earn more NEXUS or other valuable tokens on the network. These opportunities are open to holders of any amount of NEXUS.



NEXUS NFTs

As an essential component of the NEXUS ecosystem, NFTs will serve as the in-game assets for each game. You may earn them via gameplay or buy them from other players on the NEXUS Marketplace. Some of them will additionally have the interoperability of being played in other games hosted on the NEXUS Blockchain. We at NEXUS believe that NFTs are much more than speculative assets for trading viral memes.

Our endeavour is based on the:

OWNERSHIP

One of the most prominent benefits of NFTs is their capacity to demonstrate ownership. Due to their presence on a blockchain network, NFTs may facilitate linking ownership to a single account. NFTs cannot be transferred to multiple owners or split among multiple owners

AUTHENTICITY

NFTs' advantages are strongly reliant on their uniqueness. Unique data accompanies NFTs since they are created on the blockchain. Unique characteristics of the NFTs demonstrate their capacity to generate value.

RARITY

The owner can choose the total quantity of NFTs to be delivered, making them very uncommon. This not only distinguishes them but also enhances their worth. The fewer NFTs there are, the higher their price.



NEXUS WALLET

The NEXUS Wallet provides a protected and trustworthy medium to save and maintain your digital assets and important game objects. Every EVM may be used with the NEXUS wallet, giving you access to any network and engage with your preferred decentralised applications (Dapps) on any chain. You can soon download the wallet as a Chrome extension, with it later being available on Google Store and Play Store.

NEXUS STRUCTURE

Overall, there are two possibilities for games to be a part of the NEXUS ecosystem on launch:

Build with NEXUS:

Games designed by our team to achieve blockchain excellence, including creating interoperable coins and in-game assets that may be used across numerous networks. Connecting your wallet is all that is required to get access to your in-game stuff.

NEXUS Originals:

The exclusivity of being one of the first 20 game titles chosen to join the network will earn the crown of being a "NEXUS Original." The games will receive \$10k worth of NXS to assist in ongoing development and a limited edition NEXUS designed founder's NFT offering in-game rewards.



NEXUS COMMUNITY

Emerging at the crossroads of blockchain and gaming, the NEXUS community is an open-source initiative to connect decentralised gaming with the cryptocurrency and NFTs spheres. Join the community, and use the connections to keep yourself apprised of the latest developments in the game and project developments. In all instances, the NEXUS community is broad, active, and swift, and it encourages its members to participate in the community. Start your journey with us by going through all the social networking links or validator instructions we have provided. Alternatively, if you believe your game should be hosted on our platform, please contact us.

NEXUS AMBASSADORS

For those interested in representing NEXUS to a broader audience, we created the NEXUS Ambassadors program. If you are interested in being considered as an influencer or ambassador for NEXUS, please follow the link given in the application form. Early access to our platform is already in beta testing. A certain allocation for high-profile guests to congregate relationships with other influencers or ambassadors in the field will be announced soon.

ROADMAP

PHASE 1

Building of the TestNet
Building of the MainNet
Building of the Decentralized Exchange

PHASE 2

Building of the Nexus Bridge
Building of the Nexus Wallet
Design of the Nexus Originals
Addition of Further Networks
Nexus Testing out servers and validators
Nexus Blockchain
Nexus Blockchain Explorer

PHASE 3

Additional Networks
Building of the NFT Marketplace
Ascend The End demo testnet
Nexus Naming Service - NNS

PHASE 4

Dynamic AI NFT creation tool
Validators live
Staking & Farming live
Nexus Punks signature NFT collection

PHASE 5

Nexus Saga Card Game
Nexus Originals Onboarding Games

**Thank You for reading
our whitepaper**



Visit us at
www.nexusnetwork.space