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SENEX

INTELEGENT CHAIN

— WHITEPAPER V.1 —

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Why SENEX

Prediction is an ancient desire for the entire humanity. Especially, men of power seek ways of prediction to prevent mistakes and mismanagements to happen. However, before the emersion of Data Science and Artificial Intelligence, this desire was concluded using alchemy and prophecy. These two pseudoscience have a history as long as humanity's life on earth.

Why exactly does humanity need to predict the upcoming future? To answer this question, first, we need to look into humanity's most recent and hazardous challenges. Global warming, natural disasters, e.g., earthquakes, floods, tsunamis, and tornados, and human-related challenges like diseases, wars, subsidence, and pollution's hazardous effects are most likely reasons that may kill or exterminate humans. If the occurrence of these disasters could be predicted by exploiting strong evidence, their effects can be mitigated. Some old prophecies predicted several human-related disasters; however, today, it is possible for us to predict many of these situations and manage their probable disastrous outcomes using AI. Shall humanity predict an earthquake before it happens? Can we finally overcome the natural forces; even manage them? The answer is yes. But how?

Artificial Intelligence or Artificial Mind is a man-made brain-like computer-based Intelligence that employs brain-functioning relationships to investigate, categorize, and manage raw data, to reach a valid and legitimate decision, and as a consequence action. AI evolved since the creation of computers and was used in World War two to defeat the allies. Since then, developed countries exploited game theoretical approaches to bring forward new methods to control the world using AI.

AI employs big data to predict and manage several types of situations, e.g., economic and political relations with wars and economic sanctions and moves, weather conditions, and many other things. Nevertheless, processing big data requires a huge number of resources, for instance, processing power and memory. Other than a big centralized server like Google, Blockchain can help to maintain the implementation of such AI but in a distributed manner. Thus, here we introduce to you an intelligent Blockchain that can process natural and human-related big data and consequently help predict and manage natural and human-made disasters and improve humans' personal and sociological health conditions. Our solution aids humanity to live longer and more prosperous. Here is SENEX intelligent Blockchain.

What is SENEX

Envision a setting where legitimacy and privacy are assured. Imagine an AI that operates safely and securely via Blockchain only for the sole purpose to empower you.

SENEX is an Artificial Intelligence over Blockchain; an "Intelligent Chain" if you will. Founded on the idea of anonymity. SENEX takes care of protecting your data and processing information so you don't have to do it yourself anymore. Distributed AI and "Intelligent Chain" features guarantee data security and compliance. Customized tokens provide you the opportunity to expand your capabilities at the same time.

By the fusion of Artificial Intelligence and Blockchain Technology, SENEX was created as an Artificial Intelligence over Blockchain that employs a fundamentally different approach to privacy and security than every other Blockchain known to people. As a result, SENEX is able to distribute data processing over the network while protecting the privacy and security of your information and providing you with the advantages of anonymity. This indicates that the data is kept on a decentralized network on an "Intelligent Chain" so that only the owner of the data has access to it. To put it simply, SENEX is a Blockchain company powered by AI with the goal of building the first "Intelligent Chain" in history. We think that Blockchain Technology has the ability to offer millions of anonymous online users and businesses a safe and secure platform, and with the help of an unbiased AI, the Blockchain would be kept safe from any potential fraud and crime.

In another word, Blockchain Technology is used in this platform in accordance with a powerful AI. As a result, everyone can access the internet anonymously and conduct secure transactions while relying on a powerful decentralized network. Deploying our AI technology on the network will give users and data owners access to the most insightful data, enabling personalization, commercial success, and social innovation.

How SENEX Works

As the first step, with initial data gathering, the work will be started. Data is one of the main pillars needed for the intelligent decisions to be made. Thus, we must gather the necessary data in the early stages. Then, SENEX 's unique AI employs this data to make a decision or a suggestion to improve matters related to the topics we gathered data about. Nevertheless, other than the first stage, data gathering, and the last stage, extracting decision trails, there are medial stages concentrating on problem modeling and solution modeling. Clustering and defining the adequate number of groups among data will demonstrate the path from raw data to the final suggestion. The foremost application of the SENEX is bringing personal, social, and overall health and safety to human life. Hence, in this case, the big data mentioned above mainly consists of personal and social human medical data, natural and man-made disaster data, weather, water, and pollution data, etc.

Several types of applications can be deployed on SENEX other than the use cases mentioned above. Some of them are as follows:

- Industrial use cases: Supply chain optimization and predictive maintenance
- Agricultural use cases: Crop optimization and water supply management
- Urban planning use cases: Traffic optimization, urban psychology analysis, and planning
- Marketing use cases: Customer service, sentiment analysis, social media analysis, and marketing
- Other use cases: Augmented Coaching, augmented therapy, augmented personal training, language processing, and translation



What is inside SENEX

Our SENEX Intelligent Chain will be built on top of a decentralized Blockchain network, which will provide the underlying infrastructure for the platform. The Blockchain will be used to record and verify the data inputs and outputs of AI models of each specific smart app running on the chain, and to ensure the transparency and security of the platform. Smart contracts will be used to automate certain processes and computations, and also ensure the transparency and security of the smart app. In addition, but not limited, smart contracts will be used to enforce rules for data usage and access and to facilitate the exchange of tokens or other assets.

SENEX Intelligent Chain will employ a unique consensus mechanism to ensure the integrity and reliability of the platform. There are various consensus mechanisms already in use in different Blockchains, including proof of work, proof of stake, delegated proof of stake, proof of history and the list can go on. The specific consensus mechanism used here is the base foundation of the system, not only covering the legacy proofing mechanisms but adding a smart fee calculation system to the design so that the transaction fee leads to stability in the whole system as it monitors the total volume of income/outcome of assets.

This new proofing mechanism which includes our Intelligent Verification system is also used for the new smart apps using the new smart contracts on the chain. Also, the regular crypto asset transfers, requiring no AI will use only the staking methodology and will have a 0-fee transaction for several featured tokens, but we are here to describe the new method of how the smart apps developed on the chain can send or receive the SENEX coin natively when connecting to the SENEX AI, and how the fees are calculated.

Imagine we have two major layers. A client layer and an Intelligent Chain layer. The client layer consists of the client smart app and the data which is only available to the app. The smart app uses secure Blockchain APIs to submit its transaction to the SENEX Intelligent Chain which consists of 2 layers. First is the smart contract layer which interacts with the smart app of the client side. This layer, on one side, transmits its unique encrypted data safely to the smart app, and on the other side connects to the first Layer of the SENEX Intelligent Chain and submits the "smart transaction" and the encrypted processing requirements data to the chain and waits for the result(s), then the SENEX Intelligent Chain solves the smart transaction for the designed outcome as it is defined in the smart contract considering all the parameters available on the chain.

This cycle is done within a two-step process:

First, the smart app submits the smart transaction. A smart transaction is aiming to receive an AI response from the chain, so a multivariable equation is made within a block. and then, each smart device writes the result of its impact on data to the equation matrices. These smart devices are the devices hosting the same smart app so they have the same data type. They generate their portions of the impact matrices and submit them to the Intelligent Chain block.

In the second step when the whole problem equation matrices are made, it is time to solve the equation. The grid computing mechanism is used to solve those huge matrices generated in the previous step. The solving mechanism is a unique parallel encrypted grid computation, across all solving nodes in the chain. The solving nodes are the smart devices that host the super application of SENEX which is used to solve the equation and uses the device processing power for it. The most valuable key to our work is that the SENEX Intelligent Chain is uniquely designed so it has a higher dimension of problem-solving capability. It can handle any AI computation request type independent of any request type or data.

The required fee is calculated by the difficulty of the equation matrices and is sent from the client by the native token and is distributed to the solvers across the chain. By using SENEX super app, anyone with a smart device can be a part of the solving grid to have some native SENEX token as income for the effort. The Intelligent Chain then, sends back the optimized result data to the transaction submitter and the client's smart app.

The native token may also be used to incentivize participation, facilitate the exchange of data and other assets, and support the governance of the platform.

The Intelligent Chain will also store and manage large amounts of data, which may include data inputs, training data, and model outputs. The SENEX Intelligent Chain platform ensures that data is stored securely and efficiently. Several measures such as encryption, anonymization, and data access controls will be implemented to protect user data.

To meet the needs of a growing user base and a growing volume of data, SENEX Intelligent Chain is scalable. This may involve optimizing the platform's architecture and design to support high levels of concurrency and throughput, and implementing mechanisms such as sharding or off-chain transactions to improve scalability.

Further explanations about SENEX Intelligent Chain will be released in due time (See SENEX Roadmap)

SENEX Team

Three initiates plus several partners. Due to Secrecy of such AI matters and the use cases and to protect our employees, we will reveal our names at the end of 2023 Q3.

SENEX Token Distribution

From start, Senex tends to use a constant price strategy for the token. Thus, in all ICO phases, the price and the total number of tokens will be constant. However, in the presale the buyers will benefit from a 50% discount. Also, after releasing the Intelligent chain and other smart app products the price shall be varied due to decisions that the intelligent mind takes.

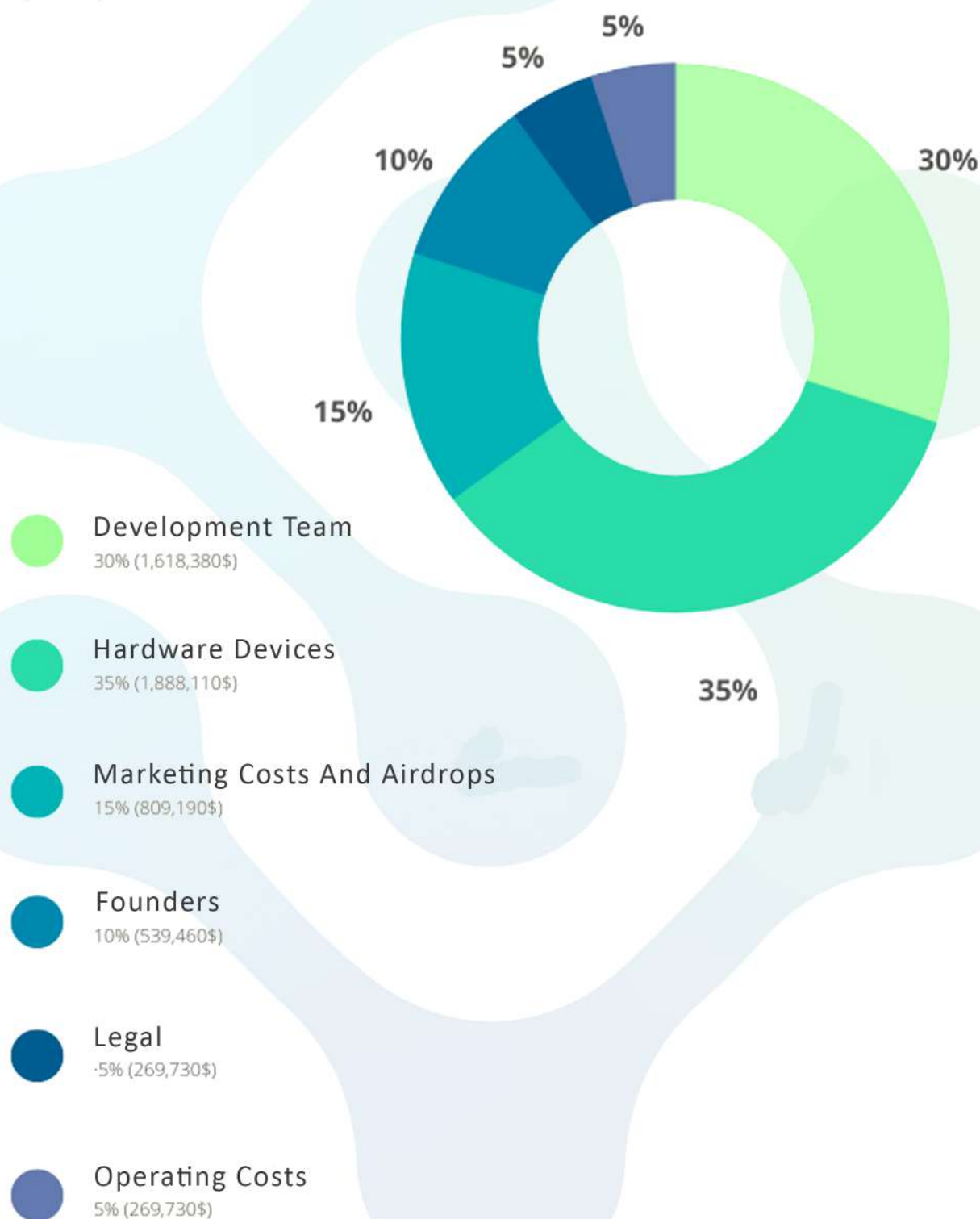
Total Supply of the token will be 666,000,000 tokens, each token with 4 decimal points.

15% of the tokens will be released in the Private ICO with 1 month period and Public ICO with 3 months period.

- Private ICO includes 3% of the tokens (19,980,000 tokens) with price of 0.03 Dollars
- Public ICO includes 12% of the tokens (79,920,000 tokens) with price of 0.06 Dollars

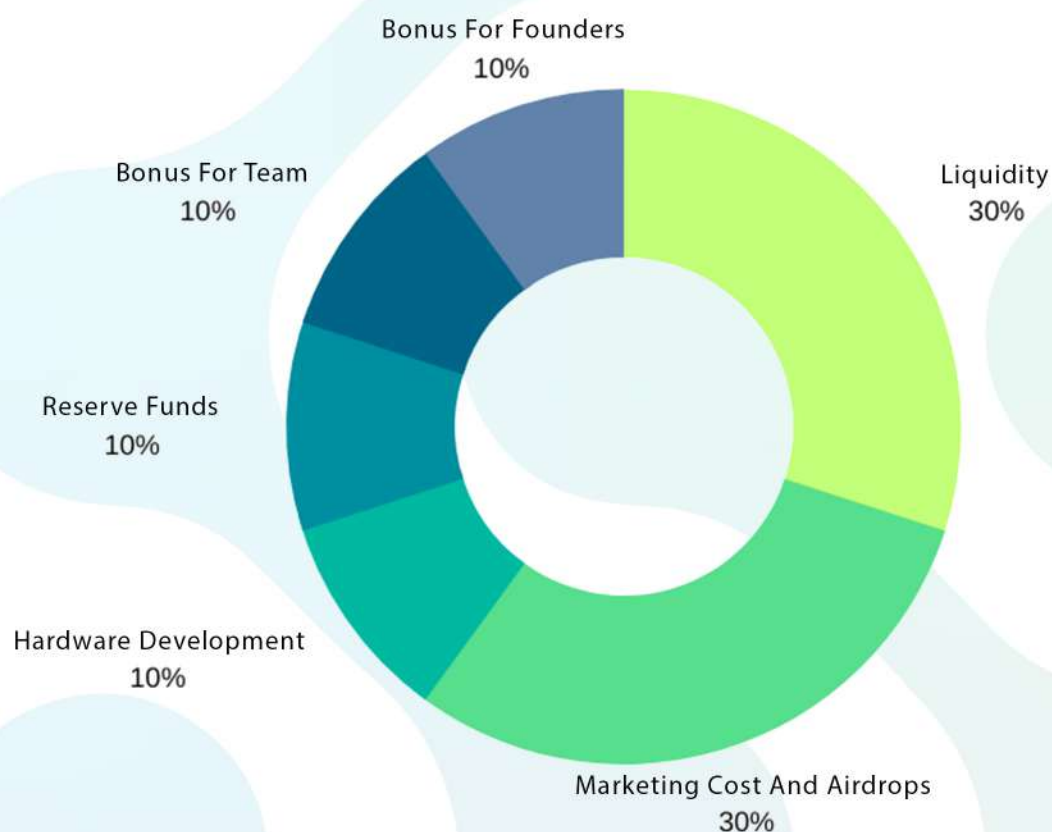
Total amount sold in Private ICO and Public ICO:
99,900,000 SNX

Total value from Private ICO and Public ICO project sales:
\$5,394,600



The rest of the tokens will be released to public in next phases of sale after 3-to-6-month periods and will be distributed as follow:

We allocate the remaining 85% of the tokens as follows:



- Liquidity: 30% (169,830,000 SNX)
- Marketing Costs and Airdrops: 30% (169,830,000 SNX)
- Hardware Development: 10% (56,610,000 SNX)
- Reserve Funds: 10% (56,610,000 SNX)
- Bonus For Team: 10% (56,610,000 SNX)
- Bonus For Founders: 10% (56,610,000 SNX)

SENEX Roadmap

- Q4 2023

- SENEX Intelligent Chain Technical Whitepaper release
- SENEX Intelligent Chain grid computing development Start
- Smart Apps Development (healthcare predictions, smart navigation management, etc.)
- AI cold start Data Gathering and Genome Creation

- Q2 2024

- SENEX Intelligent Chain Genome Completion on Private Nodes
- Launch alpha version of SENEX Intelligent Chain Distributed on Several Private Nodes
- Complex algorithm optimization framework test
- Smart Apps prototype and alpha release
- SENEX Initiates Names Reveal

- Q3 2024

- Launching public Testnet for user feedback and finishing touches for MVP product

- Q4 2024

- SENEX Intelligent Chain Mainnet release