



# SENEX

## INTELLIGENT CHAIN

September 10

VISARDTECH. Int. GMBH  
Authored by: Three Initiates

WHITE PAPER  
V1.10

FOR INTERNATIONAL PURPOSES ONLY

NOTHING IN THIS PAPER CONSTITUTES AN OFFER OR SOLICITATION TO SELL SHARES  
OR SECURITIES IN SENEX LTD, VISARDTECH LTD OR ANY RELATED COMPANY

# CONTENTS

**Why SENEX**

**1**

**What is SENEX**

**3**

**How SENEX Works**

**4**

**What is Inside SENEX**

**7**

**Genome**

**12**

**AIA**

**14**

**SENEX Energy**

**18**

**SENEX Team**

**21**

**SENEX Token Distribution**

**22**

**SENEX Roadmap**

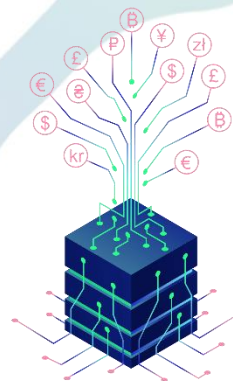
**25**

---

## 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 clusters 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, improve humans' personal and sociological health conditions, etc. 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.

For instance, if enough data could be gathered about your health and medical conditions, your family's health and medical conditions, your fellow citizens' health and medical data, your race's health and medical data, even your ancestors' data, **SENEX** - with its unique AI - will have more than the necessary data to



---

begin predicting your exact health conditions and can suggest hints for you to stay healthy.

Using all these partial data and by the help of the implemented AI, **SENEX** shall significantly improve humans' lifespan and overall health.

Another important application of **SENEX** is economic use cases. Analyzing market trends, identifying potential fraud, optimizing investment portfolios, and predicting where and when to sell or buy (import or export) goods and services are some of these use cases. Social trends, social interactions, sentiment analysis, political and economic interactions, market fluctuations, and fraud history are data categories that **SENEX** requires to act as a financial advisor or manager.

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 its unique AI model for any 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 native **SENEX** coin, **ASHA** 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:

**Proof of Data:** 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.

**Proof of Computing Intelligence:** 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.

In the **SENEX Intelligent Chain**, two **SENEX**-made fundamental steps, "Proof of Data" and "Proof of Computing Intelligence", converge to form a unified concept known as "Proof of Intel". This

---

---

innovative approach blends the data-driven prowess of Proof of Data with the computational might of Proof of Computing Intelligence, synergizing them into a singular, dynamic process. **SENEX** apart is its uniquely designed **Intelligent Chain**, endowed with a superior problem-solving capability, capable of handling diverse AI computation requests, regardless of request type or data. The culmination of these two steps, **Proof of Data** and **Proof of Computing Intelligence**, results in the innovative "**Proof of Intel**", a testament to **SENEX**'s pioneering approach to AI and Blockchain technology.

The required fee is calculated by the amount of data and the difficulty of the equation matrices and is sent from the client by **ASHA** token and is distributed to the data owners and 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 **ASHA** 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.



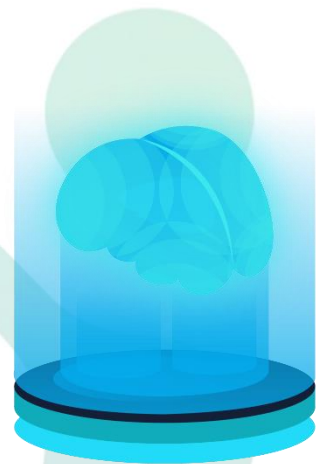
To meet the needs of a growing user base and a growing volume of data, **SENEX Intelligent Chain** is scalable. This may involve optimizing the platform's architecture and design to support high levels of concurrency and throughput, and implementing mechanisms such as sharding or off-chain transactions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

---

## Genome

SENEX introduces a groundbreaking approach to AI with its Genome-based **self-learning** and **ever-evolving** AI mind. This revolutionary technology is poised to reshape how we address complex challenges across diverse industries. At the heart of SENEX's AI system lies the **Genome** – a dynamic concept that represents the complete dataset used to develop and train the AI. In the context of SENEX's AI, Genome signifies the core data that underpins the AI's behavior and evolution.

The term "genome" traditionally relates to an organism's complete set of genetic material, orchestrating its traits and characteristics. SENEX redefines Genome in the AI realm, just as an organism's genome influences its physical attributes, SENEX's **Genome** molds the AI's behavior across scenarios.



SENEX's **Genome** is a mathematical representation of the AI's self-learning and evolving capabilities. This foundation facilitates the progression of AI minds over time, leading to enhanced performance and intelligent decision-making. This mirrors genetic evolution in natural systems, where successful traits pass on to successive generations, expediting efficiency. The **Genome** encompasses advanced technologies like **reinforcement learning**, **fictitious play**, **game theory**, **calibrated forecasts**, **universal consistency**, and **approachability**. This incorporation empowers



---

**SENEX's Genome** to create potent AI minds that learn and evolve from real-world data and feedback.

Creating the **Genome** involves a multifaceted process. Data is meticulously organized, yielding a comprehensive overview of the AI's training data. One distinctive feature of **SENEX's** AI is its capacity for self-learning and evolution. This is enabled by the **Genome**, enabling the system to refine its decision-making based on fresh information and feedback. As new data integrates into the **SENEX's Genome**, it clusters similarities and differences, forming data models that predict patterns. These models then translate into mathematical algorithms for tailored product and service creation. Evolution and learning continue, honing the **Genome's** predictive capabilities through reinforcement learning and calibrated forecasts. Fictitious play and correlated equilibrium ensure optimal outcomes, showcasing the power of **SENEX's Genome** to revolutionize AI, Blockchain technology, and human life.

**SENEX's** AI diverges from the rest due to its capacity to craft distinct AI agents for each product or individual. The **Genome** acts as the bedrock for these agents, continuously absorbing fresh data. Regardless of the data, our AI excels in precise predictions. More importantly, it possesses the prowess to make decisive decisions, offering solutions to intricate challenges across diverse sectors.

**Genome** is not just a component but the foundation of **SENEX's** AI, charting a course for its learning and problem-solving prowess. By harnessing **Genome** and other advanced technologies, **SENEX's**

---

---

AI solutions possess the potential to revolutionize complex problem-solving across industries.

Through **Genome**, harmoniously integrated into the **Intelligent Chain**, **SENEX** strives to optimize and build a world rooted in global equality.



## AIA

The soon to be released **AIA** short for "**Artificially Intelligent Assistant**" by **SENEX**, brings you the future of intelligent assistance, offering a realm of possibilities at your fingertips. With **AIA**, you're empowered with a groundbreaking cognitive algorithm that comprehends your needs and delivers knowledgeable responses.

---

**AIA**, backed by cutting-edge algorithms and machine learning, redefines AI interaction. Unlike ordinary chatbots, **AIA** boasts a remarkable feature: the ability to understand and provide informed answers to any query without centralized data processing access. But **AIA** goes beyond this; it's designed to optimize outcomes by utilizing the full potential of the **Intelligent Chain** network. This elevates **AIA** beyond a mere chatbot, transforming it into a sophisticated cognitive algorithm capable of



guiding you toward the best solutions. By analyzing and discerning attributes in every intelligent chain node data, **AIA** offers informed decisions and optimal recommendations.

At the heart, **AIA** is a way to revolutionize AI interaction, tailoring it to your individual needs. Join us on this transformative journey to experience how **AIA** can reshape your life.

---

---

Rather than being passive and preset in its responses, **AIA** actively learns from user interactions. It continuously updates its knowledge base, refining its grasp of human language and behavior. A pivotal feature of **AIA** is its contextual and preference-based response optimization. By analyzing user behavior patterns, **AIA** creates responses, boosting engagement and satisfaction. **AIA** is designed to seamlessly integrate across various platforms and applications. Be it a personal assistant or business tool, **AIA** can be customized to align with your distinct needs and preferences. From managing schedules and to-do lists to offering expert insights, **AIA** empowers users across myriad tasks. With its advanced features and technology, **AIA** stands to redefine AI interaction, unlocking new realms of human productivity and creativity.

**SENEX** believes decentralization is the key to unlocking AI's potential. **AIA** is built upon the **Intelligent Chain** platform, a decentralized network enabling secure communication among nodes. Unlike centralized AI systems, **AIA** harnesses a network of nodes for resilient and intelligent responses. This enables **AIA** to adapt and learn in real-time from the network's constant flow of information. **AIA**'s decentralized platform guarantees user privacy and security. By eliminating centralized databases, **AIA** offers services without storing sensitive data. This not only enhances privacy but also minimizes the risks of data breaches.



---

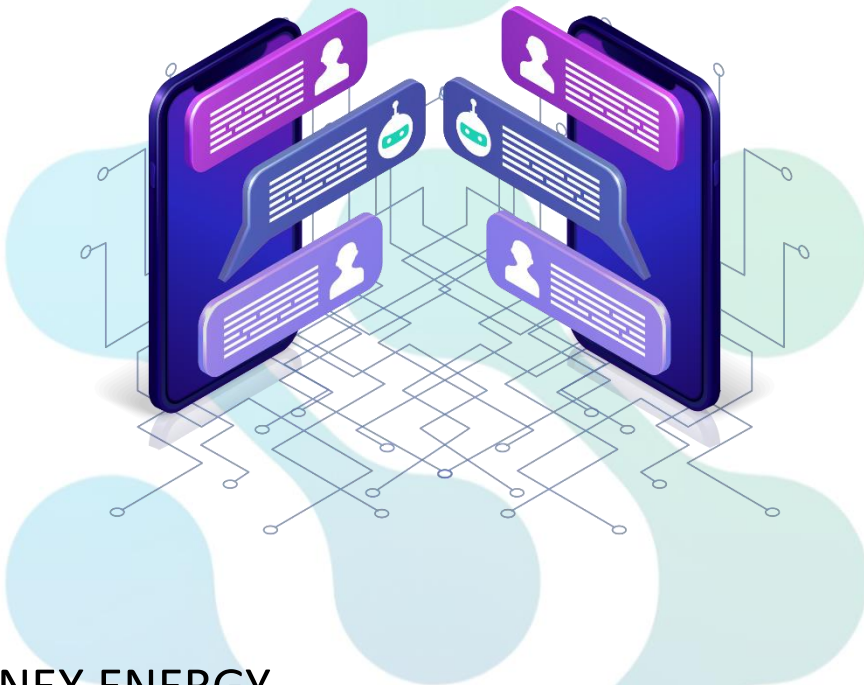
## AIA'S ADVANCED FEATURES:

- **Large Language Model:** AIA leverages a robust language model for human-like interaction. It responds helpfully and informatively to a wide range of queries.
- **Adaptability:** AIA's cognition-based algorithm learns and provides related knowledgeable answers, making it a valuable resource for knowledge expansion.
- **Optimization:** AIA employs **Intelligent Chain's** network for efficient outcomes. It evaluates attributes across **Intelligent Chain** nodes, optimizing decisions for desired results.
- **Creativity and Generative AI:** AIA creates content and suggestions based on your preferences, simplifying daily life through generative AI.
- **Security:** AIA's decentralized platform, powered by Blockchain, ensures utmost security, keeping your data private and under your control.

In a nutshell, **AIA** is more than just a chatbot. **AIA** will become your **AI life companion** designed to enhance and simplify your life. Its personalized approach, coupled with advanced features, positions it as the perfect companion for staying informed, learning, and achieving goals. Integrated with **SENEX's Intelligent Chain**, **AIA** becomes part of a networked AI solution, offering collective intelligence for accurate responses. With security and privacy at its core, **AIA** is a versatile and indispensable tool for diverse applications, from personal assistants to enterprise-level services. Trust in **SENEX's** commitment to delivering secure, private, and

---

intelligent assistance as **AIA** reshapes the AI landscape. Start your conversation with **AIA** today and experience the future of intelligent assistance, where learning, adaptation, and enhancement blend seamlessly into your everyday life.



## SENEX ENERGY

In today's world, environmental concerns have become increasingly pressing. The carbon footprint of traditional technologies, such as cryptocurrency mining, has raised alarms about their sustainability. **SENEX**, as an Artificial Intelligence over Blockchain, offers a unique and eco-friendly approach to technology.



---

It is inherently green, contributing to a sustainable future in several ways:

- **No Mining Involved:** Unlike many other Blockchain-based systems that rely on energy-intensive mining processes to validate transactions, **SENEX** operates without mining. Traditional mining consumes vast amounts of electricity, contributing to greenhouse gas emissions. **SENEX's** innovative approach eliminates this energy-intensive process, reducing its environmental impact nearly to zero.
- **Energy-Efficient AI Calculations:** **SENEX's** core technology, the **Intelligent Chain**, is designed to be highly energy-efficient. Instead of relying on resource-intensive Proof of Work or Proof of Stake consensus mechanisms, **SENEX** utilizes its unique consensus mechanism that smartly calculates transaction fees and maintains network stability which is **Proof of Intel** and it takes much load off the network. This approach drastically reduces energy consumption compared to Proof of Work based Blockchains.
- **Reduced Hardware Demands:** **SENEX's** reliance on AI for data processing means that specialized mining hardware is unnecessary. Traditional Blockchain mining rigs consume substantial amounts of electricity and contribute to electronic waste. **SENEX's** hardware-agnostic approach significantly reduces electronic waste and power consumption.

- 
- **Lower Carbon Emissions:** By eliminating mining and embracing energy-efficient AI, **SENEX** minimizes its carbon emissions footprint. This green approach aligns with global efforts to combat climate change and reduce the environmental impact of technology.

**SENEX's** commitment to sustainability doesn't stop at its technology; it extends to its vision for a greener future. As the platform grows and becomes an integral part of various industries, it aims to leverage its eco-friendly architecture to support projects focused on renewable energy, environmental conservation, and sustainability. **SENEX** seeks to play a role in advancing the transition to a more sustainable and environmentally responsible technological landscape.

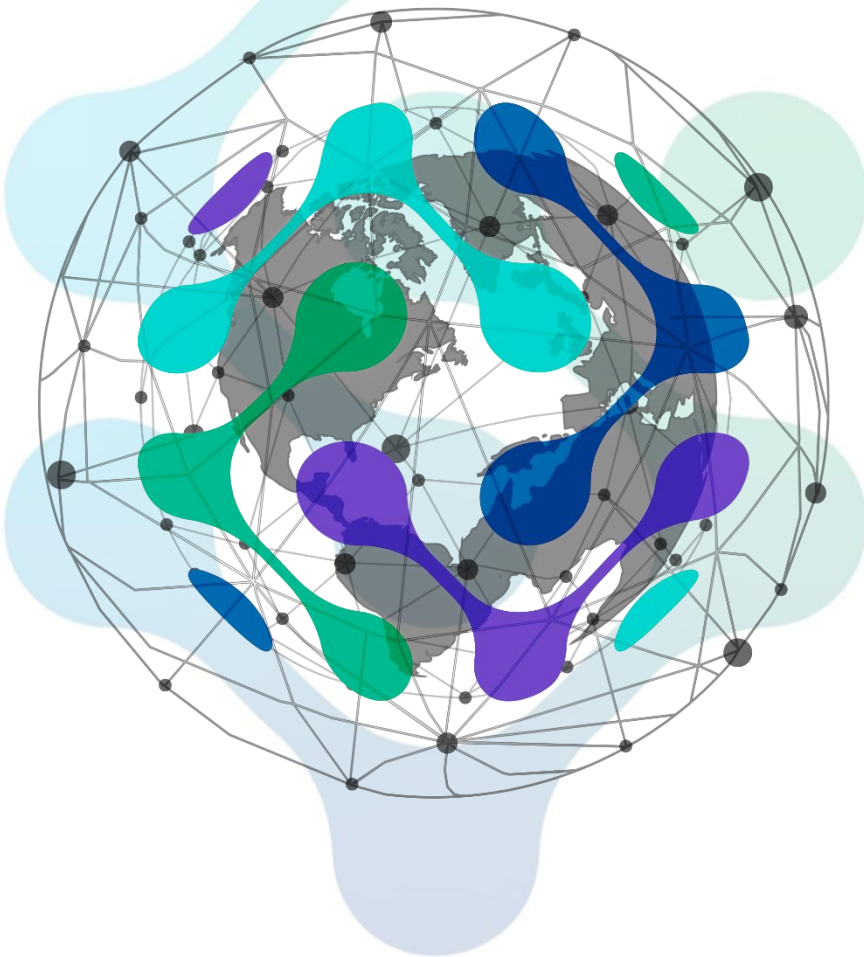
**SENEX** is not just a revolutionary technology for data processing and AI; it's also a game-changer in the realm of sustainability. By eliminating mining, prioritizing energy efficiency, and embracing decentralized data processing, **SENEX** sets a new standard for environmentally responsible Blockchain technology.

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

---

## SENEX Team

Three initiatives plus several partners. Due to secrecy of such AI matters, the use cases and to protect our employees, we will reveal our names exactly three months after the ICO is done.



---

## SENEX Token Distribution

From start, **SENEX** tends to use a constant price strategy for its native token, **ASHA**. In the Private ICO the buyers will benefit from an **83%** 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.

ASHA contract address is:

[0xe223371f318359375836a7c9fef0aaaa61f71c92](https://etherscan.io/address/0xe223371f318359375836a7c9fef0aaaa61f71c92)

Total Supply will be **666,000,000** tokens, each token with **6** decimal points.

- Private ICO includes **3%** of the tokens (**19,980,000** tokens)

Price ratio will be **30 ASHA = 1 MATIC**

SoftCap = **166,500 MATIC** equals to **4,995,000 ASHA**

HardCap = **666,000 MATIC** equals to **19,980,000 ASHA**

The distribution is:

- 51% goes to liquidity
- 5% goes to the Launchpad fees
- 4% Founders and Team
- 40% Initial Marketing and Development

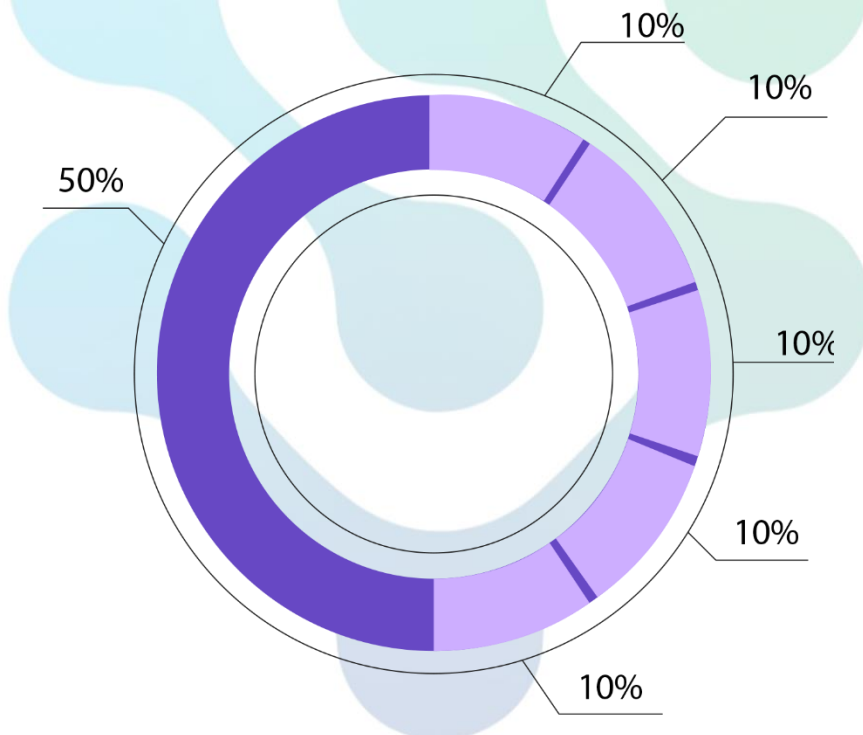
- 
- Public ICO includes 12% of the tokens (79,920,000 tokens)

Price ratio will be 5 ASHA = 1 MATIC

Total Cap = 15,984,000 MATIC

The distribution is:

- Liquidity: 50%
- Marketing: 10%
- Hardware Development: 10%
- Reserve Funds: 10%
- Bonus for Team: 10%
- Bonus for founders: 10%



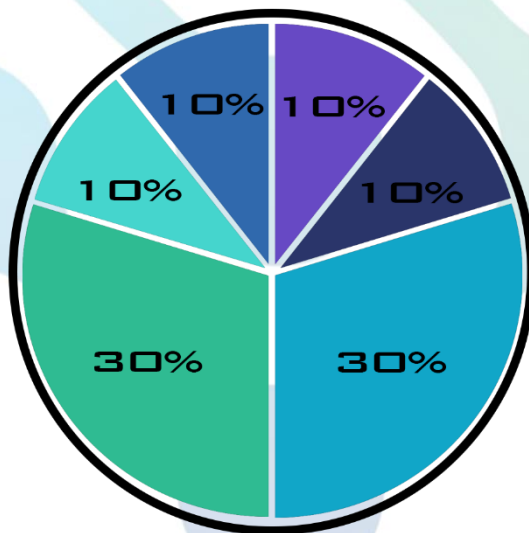
Total amount sold in Private ICO and Public ICO: 99,900,000 ASHA

---

---

The rest which is **85%** of the tokens will be added to lock, only to be released after certain milestones and will be put to vote after Private ICO when **DAO** is formed. With the voting approval of DAO, a portion of the tokens from lock will be released to market. We allocate each released batch of the remaining **85%** tokens as follows:

- Liquidity: 30%
- Marketing Costs and Airdrops: 30%
- Hardware Development: 10%
- Reserve Funds: 10%
- Bonus for team: 10%
- Bonus for founders: 10%





---

# SENEX Roadmap

Considering end of Private ICO as starting timeline:

