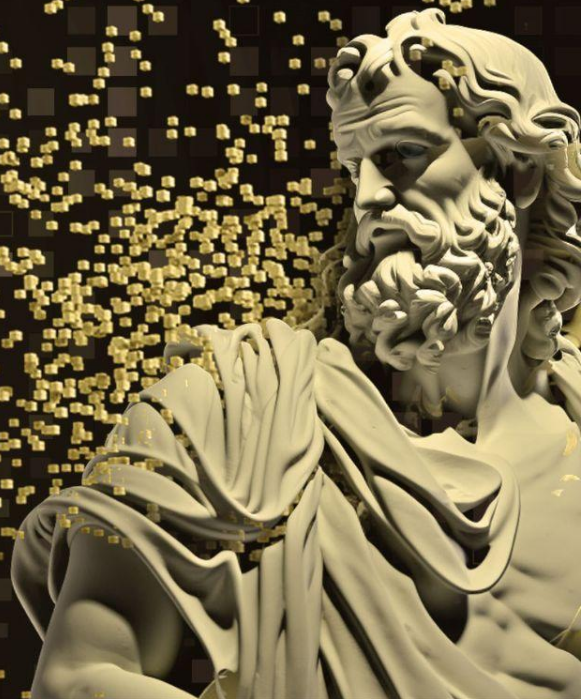




SENECA

*Unlimited data. Absolute certainty.
Zero compromise.*



**Seneca makes
centralized
infrastructure
obsolete.**

We no longer have to
choose between powerful,
custom experiences or
data sovereignty.



Centralization requires data sharing to transact

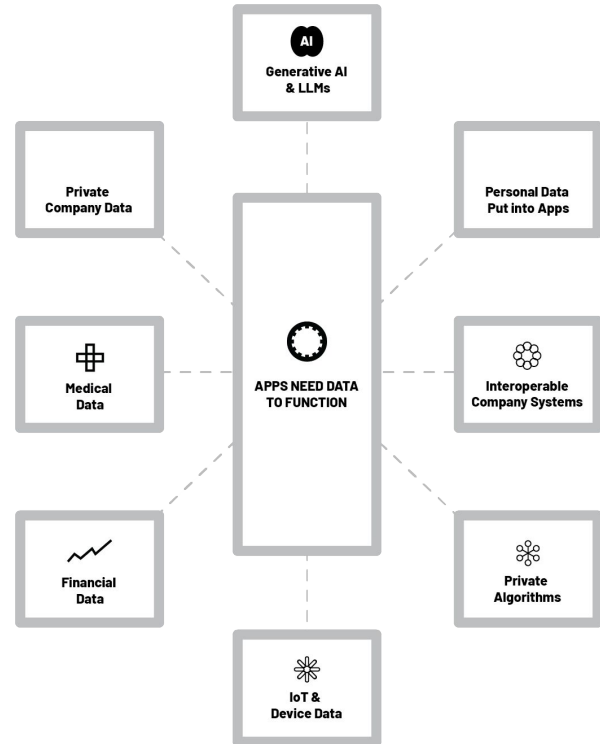
Sharing threatens personal liberty, creates trillions of dollars in costs, and degrades the quality of transactions

Issue 01: Cyber Security & Regulatory Risks

Financial, operational, identity, and data-related risks arise from data access, storage, and computation.

Issue 02: Personalization Problem

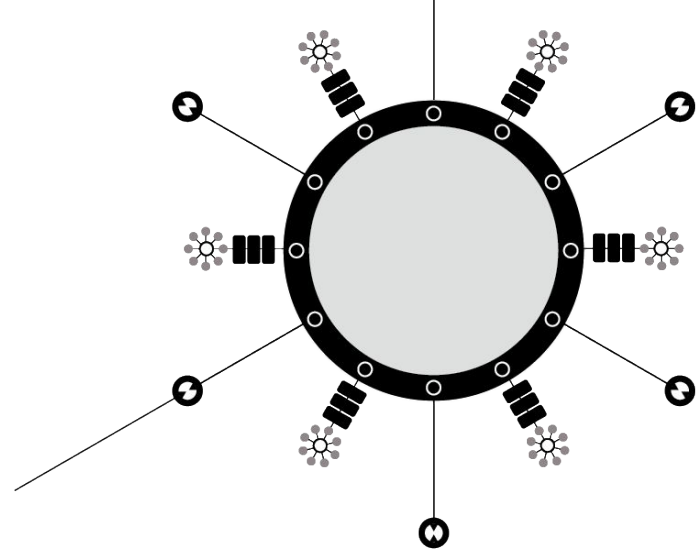
The data most needed to drive personalization and certainty is the least likely to be used due to privacy concerns.



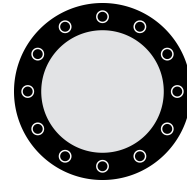
AI massively increases these issues as it 100x the need for private and personal data

**Seneca delivers
the most
optimal state:**

**use 100% of
necessary
data,
share 0%**



Intelligent Data Layers



ZK Environments



Bidirectional Oracles

Seneca's revolutionary ZK Environments allow private user data and smart contracts to deliver solutions without data leaving the control of the owner. Applications are hyper-charged with sensitive data.

Next Generation Blockchain

Powering the Blockchain

Substrate; superb transaction throughput through Rust/WASM architecture



Security

Runtime fully embedded in TEEs; cryptographic key architecture behind SR25519



Consensus

Leaderless consensus based on threshold signatures and self-sovereign identity governance



Scalability

ZKEs inherently scale due to their ability to achieve rapid consensus in any decentralized network

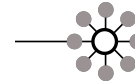


Parachains

Novel use of parachains as a scalability and throughput device by abstracting processing logic into separate parachains.

Powering the ZK Environment

Purpose-built data containers that enforce private ownership and trustless transactions



Private Ledgers

User-owned, P2P fully private data storage layer



Smart Contracts

Based on the RISC-V framework, build entire apps in any language within smart contracts









Data Adaptor

Secure flow of information while preserving privacy and user ownership



Trusted Execution Environments

Secure computation without revealing any sensitive information

Best-in-class Performance across Critical Metrics						
Feature	 Seneca	 Ethereum	 Polygon zkEVM	 Solana	 Polkadot	 Secret
Private Data	Private by default, public option. Secured by TEEs & Threshold Signatures	Impossible by design				Private only. Intel SGX with flawed key architecture
Data Ownership	User-owned	End user data sits with centralized corporation like Google, Apple, Amazon, Microsoft etc...				
Focus	Fully trustless real-world business applications	NFTs, DeFi	Ethereum scalability	Gaming	Interoperability	Private compute
Web2 Interop.	Full HTTPS support	Limited Oracles only				
Web3 Interop.	EVM, XCM, IBC, Private Ledgers, Cloud	Insular, complex, expensive	Ethereum only	None	XCM only. Insular Web3 parachain bridges.	IBC (Cosmos) only
Cloud Equality	Possible through TEE architecture	Impossible by design				Limited by Tendermint
Finality Time	<5s (1s target)	Up to 15 minutes	Tied to Ethereum	5-12s	6s	6-7s
Scalability	Adaptive Parallelization	None	Layer 2	Partial recentralization	Layer 0 / Parallelization	Limited by Tendermint
Max. Throughput	~1,000 T/s (Future update to 10-100k T/s)	~30 T/s	~300 T/s More data = less TPS.	~65,000 T/s	~1,000 T/s	~4,000 T/s
Consensus	Unique Leaderless Consensus (PoASR)	Centralized focus on wealth (PoS)				



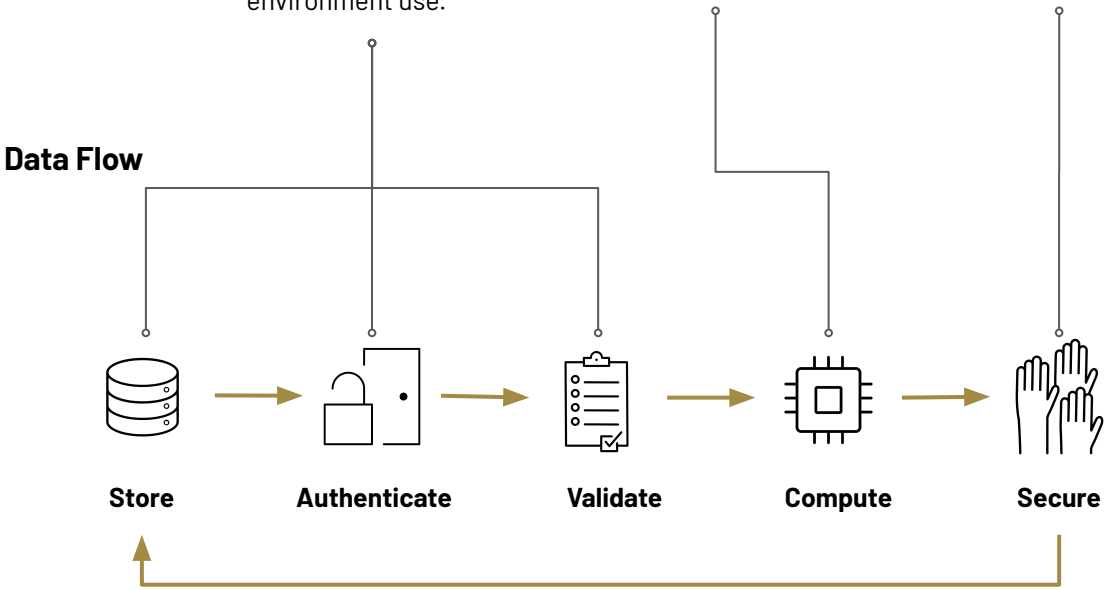
SNCA is a true utility token that fuels Seneca's unique infrastructure and captures its full value

Key Utilities

Access:
System-native multipurpose **passport** for both public and private ZK environment use.

Discount:
Time-based **discount** and **licensing** allowance to create stability and value.

Operation:
Active SNCA use with sufficient holding is required to **qualify** for node operation



Initial Allocation

Seneca token's allocation* reflects our community-centric philosophy, with the majority of tokens allocated for network operation and ecosystem development through community buy-in, grants and partnership, and expert advisory.

Community Allocation

65%

Sale	
Presale	5%
Launch Offering	15%
Non-sale	
Node Operator Programming	15%
Partnerships & Grants	15%
Treasury Reserve	15%

Early Contributors

35%

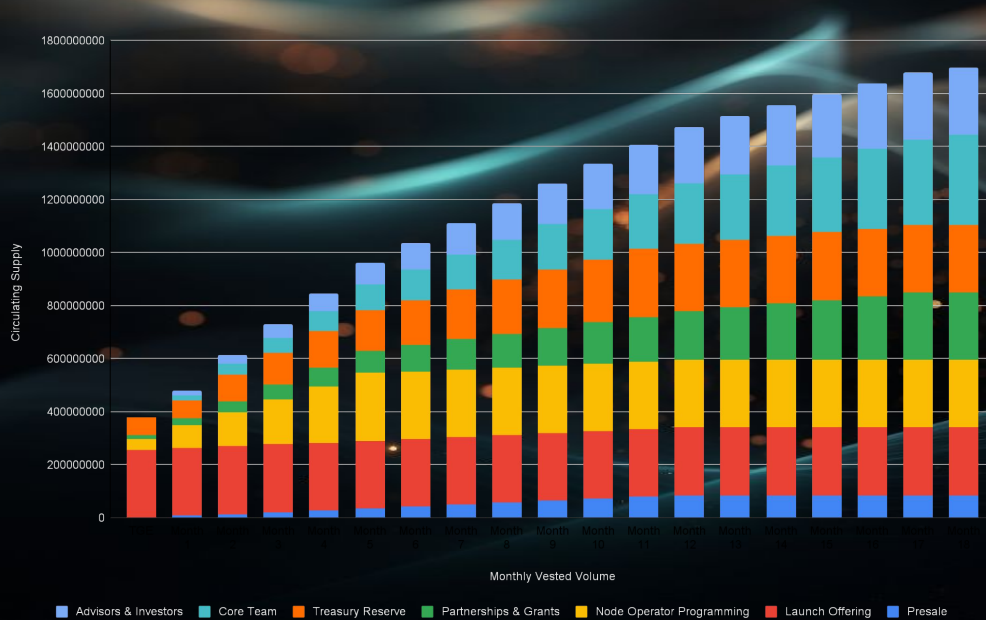
Core Team	20%
Advisors & Investors	15%



* Final allocation will be published before mainnet launch

Supply Schedule

Our vesting schedule* across allocation categories is designed to optimize across liquidity, price stability, early contributor reward, and long-term talent retention

















	Months to Vest**	Lock-up Period**
Community		
Sale		
Presale***	9-15	30-60 days
Launch Offering	N/A	N/A
Non-sale		
Node Operator	6	
Partners & Grants	18	
Treasury Reserve	12	
Early Contributor		
Core Team	18	30 days
Advisors & Investors	6-12	1-12 months

* Final schedule will be published before mainnet launch

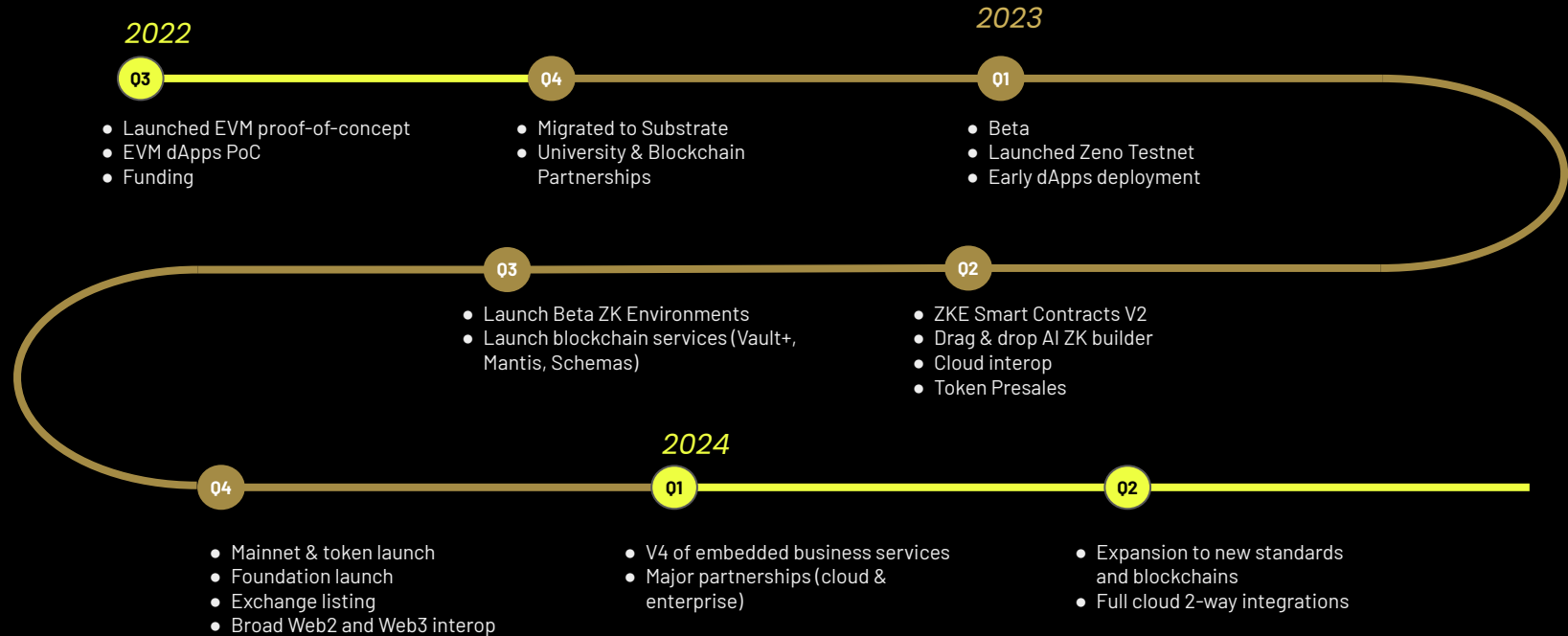
** Lock-up and vesting begins at mainnet launch

*** Earlier presale rounds will have the benefit of lower prices with longer vesting and lock-up periods

Every industry will change with Seneca

Industries	From (Current State)	To (With Seneca)
Finance	One-size-fits-all financial advice 	Custom tailored with privacy 
Medical	Strict industry offers generic, doctor-dependent advice 	Instant, hyper-personalized health tips based on history 
Insurance	Privacy fears, yield standard plans and limited queries 	Highly customized based on financial & risk profiles 
Real Estate	Long transactions, broad offerings due to limited data 	Custom real estate, lending and fast transactions 
Ecommerce	Products based on segments not individuals 	Perfect fit products while privacy preserved 
B2B Services	Slow integration and concerns of lost IP 	Instant collaboration 
Research	Privacy rules leave exabytes unexplored 	Use massive amount of data without compliance issues 

ROADMAP



TEAM

The Seneca team came together with a shared passion for enabling innovation in the world around us while preserving liberty. Our team has been at the forefront of developing blockchain technology (layer 0 and 1) and other technology companies.



Adam Sager



Stefan Johne



Isaac Barel



Mike Woodrum



Fer Salazar



Gustavo Paez Villalobos



Joy Chen



Boaz Amidor



Tumukunde Arnold



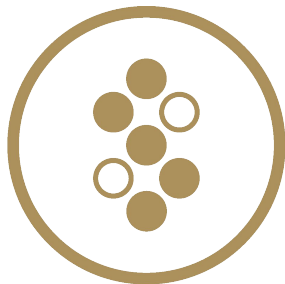
Aman Yadav



Luis Rabbe



Moshe Schneid



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