



**Aba Project**  
**White Paper DRAFT**  
**"Freedom to multiply matrices, and do math with friends"**  
**v0.1 14 April 2024**

Permissionless AI-enhanced commerce is under fire from multiple directions.

AI itself is being threatened with bureaucratic regulation and handicapping in the European Union, the USA and other regions of the world. AI regulation proposals even include the required implementation of KYC bureaucracy on LLM API services.

AI apps, such as photo apps and relationship advisor apps, are regularly deplatformed from major payment processing platforms such as Stripe and PayPal.

AI mobile native apps are subject to a growing overhead of unpredictable policies on the two leading app stores, Apple and Google, in addition to the extensive, regularly-changing policies all mobile apps face.

Aba Project will become the best platform in the world for building a permissionless, uncensored A.I.-enabled business.

Aba Project and its founders are oriented towards philosophies such as e/acc (Effective Acceleration), gpu/acc, and American Dynamism, with an emphasis on positivity, creativity, experimentation, tinkering, abundance and the joy of the human spirit.

Aba project has been developed by its team members with goals around 1) making it possible for people to create uncensored A.I.-powered businesses, 2) supporting builders and educators, and 3) supporting developer education.

In creating this project, the founders chose to go with the Proof of Space and Time consensus and CLVM approach for the Aba blockchain, which is the backbone of the Project. We appreciate this open source tech stack's outstanding support for decentralization and security, and consider it the best option available. This tech stack was pioneered by Chia Networks Inc., and has a 5 million block history of secure performance on the Chia blockchain.

Aba is a platform which is a cloud of services and resources backed by a permissionless blockchain backbone supporting Turing complete smart contracts with strong safety safeguards and minimal MEV risks. The platform supports decentralized apps, partially centralized blockchain apps, state & payment channels, zk-based L2's, and other applications including various peer-to-peer architectures.

## **A.I. Acceleration**

First blockchain launched by an A.I. – by our functional calling A.I.

First blockchain with an LLM stored onchain.

ABA GPU meshnet spinning up soon

Additional A.I.-related tech innovations in development by team

## **Genesis Challenge Phrase**

"Freedom to multiply matrices, and do math with friends"

## **Team**

**Ben Atreides Ving**

also co-founder of Namesdao, the leading name service platform on the Chia blockchain, analogous to Ethereum Name Service .eth names on Ethereum; @BenAtridesVing

### **Abakrombie**

Specialist in A.I.; Also building in Chialisp; @Abakrombie

### **Right Sexy Orc**

also co-founder of Namesdao, the leading name service platform on the Chia blockchain  
also founder of Time Machine, time-locked token app on the Chia blockchain; @RightSexyOrc

### **Consensus**

Proof of Space and Time

### **Smart Contract System**

Chialisp; based on coinset model which is somewhat analogous to Bitcoin's UTXO system

### **ABA Emission Table, Miner Rewards**

Miners (farmers) secure the blockchain by validating transactions and are awarded with the following block reward schedule.

Through Block #	Block Reward (ABA)	Approximate Duration
1	21,000,000	1 minute
5,045,760	1.25	3 years
10,091,520	1	3 years
15,137,280	0.5	3 years
20,183,040	0.25	3 years
Thereafter	0.125	Ongoing

[ ref: block\_rewards.py; however, the blockchain is the ultimate source of record on this ]

### **Incentive Subnets**

The founders have indicated an expectation that they will contribute 0.75 ABA per block to "Incentive Flywheel Subnets" which will support artificial intelligence development, blockchain app technical development, adoption and education, through to the first 'halvening', and 0.375 ABA per block through to the next halvening. They expect that over time, Incentive Flywheel Subnet funds will be awarded and delegated by more and more automated means, in communication with the community. The founders have indicated that are additionally contributing any miner rewards they receive from blocks 4-200,000 to support Incentive Flywheel Subnets. Additionally, the founders have indicated they will contribute any miner rewards they receive from blocks 4 to 400,000 to this Incentive Pool.

Through Block	Incentive Flywheel Subnets Funding Indication (ABA)	Approximate Duration
5,045,760	0.75	3 years
10,091,520	0.375	3 years

Website: [www.aba.ooo](http://www.aba.ooo)

Github code repositories: <https://github.com/Aba-Network/>