

B_{lockchain} A_{GI} B_{ridged} E_{cosystem} L_{ayer1}

BABEL

PIVOT DAO

March 25, 2024

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Inspiration

Behold Babel, an artificial structure to reach for heavens, by the whole humanity across race and culture – until gods introduced **information asymmetry and distrust**.

All cryptos had to face one question: why not fiat?

Eliminate criminal purposes, our answer is broader: it must be **by the whole humanity, transcending space and time**.

While governments may fade, AGI –the unification of all humanity wisdom– eternally endures.



This deck is entirely composed, designed, and generated by GPT4.

Unify all humanity wisdom, by everyone for everyone, via a decentralized
open-sourced **profitable** AGI

combining Wikipedia-like ecosystem with a sustainable business model

Philosophical Problems

- AGI (Artificial General Intelligence)—an algorithm that will outsmart humanity, *taking everyone's jobs*
- That's too much power for one man to have, for anyone to have.
- So who should own it...
- —everybody, I guess?



Specific Problems

- **Centralization Risks:** A few powerful entities *monopolized* AI's future, limiting diversity and innovation.
- **Privacy Concerns:** Inadequate *protections and compensation* for user data in AI development and application.
- **Accessibility and Economic Barriers:** High *entry costs* on capital prevent widespread participation in AGI's research & development – and applications.
- **Blockchain Usability:** Existing blockchain languages are *hard to learn and harder to use*.
- **Sustainability of Open-Source AGI:** Challenges in maintaining an open-source model that is both inclusive and *economically viable*.

- **Decentralized AGI Protocol:** Blockchain technology *decentralizes* storage (data) and model training (computation)
- **Personalization & Privacy:** Utilizes a foundation+personal model structure, differentiating between shared knowledge and individual, encrypted, *self-owned* personal models for trustless privacy.
- **Fair Contribution Incentive** Implements a token economy with *Proof of Work of Compression (PoWoC)* for quantifiable and computable contributions, reducing AGI contributors' entry barriers and encouraging wider participation.
- **A+B Integration:** Integrating Large Language Model (LLM) AGI with Blockchain naturally solves usability issues, making blockchain applications *programmable with natural language*, fostering a sustainable, profitable, and universally fair open-source ecosystem.
- **Sustainable Tokenomics:** Users (demand) transfer *tokens* to the blockchain for A+B integration; the blockchain transfers *tokens* to contributors (supply) for every incremental improvement of AGI.

Why Now: AI Trends

- **Deep Blue Victory (Special-Purpose AI) | 1997** | Demonstrated AI's potential in strategic games by defeating the world chess champion.
- **ImageNet Challenge (Special-Purpose AI) | 2012** | Marked a significant milestone in computer vision, signaling the deep learning revolution.
- **GPT-3 Release (General-Purpose AI) | 2020** | Showcased unprecedented natural language understanding and generation capabilities.
- **GPT-4 Release (General-Purpose AI) | 2023** | Advanced the field of general-purpose AI with more sophisticated language and reasoning abilities.

Why Now: Web3 Trends

- **Bitcoin Creation |2009** | Introduced blockchain technology, launching the first decentralized digital currency.
- **Ethereum Launch |2015** | Brought smart contracts into play, laying the groundwork for decentralized applications.
- **DeFi Boom |2020** | Highlighted blockchain's potential beyond cryptocurrencies with the rapid growth in decentralized finance.
- **Rollups Introduction |2019-2021** | Addressed blockchain scalability, enabling faster and cheaper transactions.

Why Now: Ongoing Research

- **Layer-2 Scaling | Ongoing** | Enhancements in scalability solutions like state channels and sidechains.
- **Ethical AI Frameworks | Ongoing** | Development of guidelines to ensure AI is developed ethically and aligned with human values.
- **AGI-Rollups Concept | Proposed** | AGI-Rollups introduce a novel approach by leveraging rollup technology for off-chain AGI computations, targeting the critical challenges of scalability and cost. This innovative integration combines the decentralized, secure infrastructure of blockchain with the expansive capabilities of AGI. It aims to revolutionize how AGI is deployed, envisioning a future where intelligent, decentralized systems are not only powered by blockchain's inherent trustlessness and resilience but are also made widely accessible and operationally efficient.
- **Metaverse | Emerging** | The intersection of blockchain and AI paves the metaverse, a virtual shared space where users interact with a AI-generated content and other users.

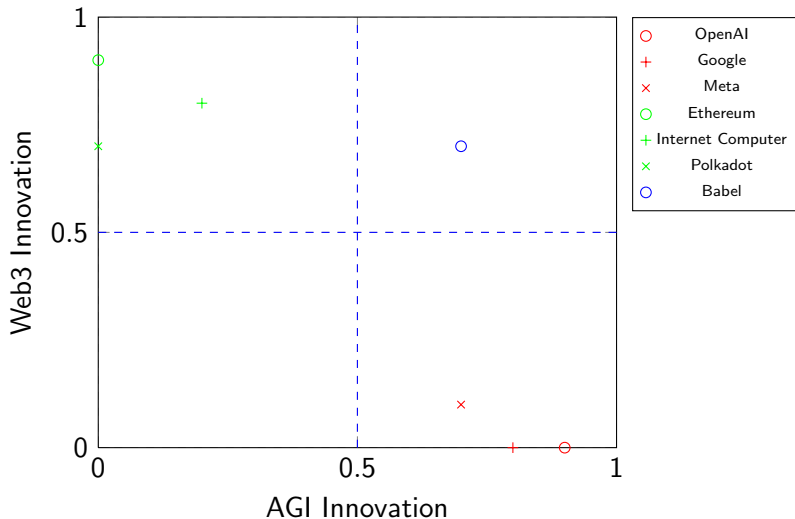
\$7,000,000,000,000
– SAM ALTMAN

Challenge the valuation? You price the totality of humanity wisdom.

Existing De-Market Size Breakdown (Feb. 2024)

Category	Project	Circulation Market Value (USD)
De-Infrastructure	Worldcoin	\$1,101,744,541
	Bittensor	\$3,701,176,977
	Cortex	\$130,689,283
	Fetch.ai	\$890,784,797
De-Storage & Data	Arkham	\$265,944,587
	Ocean Protocol	\$402,791,119
	GRT	\$2,727,242,842
	MDT	\$51,598,675
	Filecoin	\$4,037,042,646
	NMR	\$198,436,806
De-Computation	Render	\$2,685,732,531
DAPP	NFPrompt (NFP)	\$185,280,912
	SingularityNET	\$906,639,421
	Sleepless AI	\$211,300,356
Total		\$ 17,496,405,493

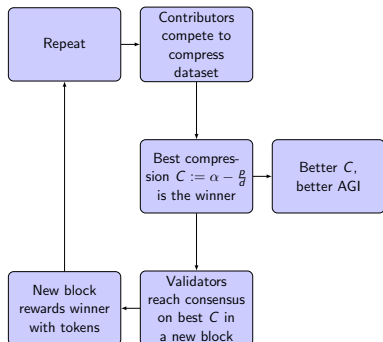
AGI Innovation vs. Web3 Innovation



Product Components

- **User Interface and Experience Layer** | **CA**: Simplifies access to AGI applications, enhancing usability for all.
- **Governance DAO** | **CA**: Community-driven decision-making on ecosystem proposals and policies.
- **Training Dataset** | **CA**: Diverse datasets that grows to contain the world.
- **AGI Rollups** | **AP**: Layer-2 solution for scalable, cost-effective AGI computations on blockchain.
- **AGI Git** | **AP**: Facilitating seamless collaboration in AGI training.
- **Compressor** | **AP**: Performs Proof of Work of Compression on training dataset to optimize AGI quality and efficiency.
- **Compression Validator** | **CP**: Ensures compressors' integrity and effectiveness of compression, and rewards tokens according to PoWoC consensus.
- **Babel Layer1 Chain and Miners** | **CP**: Secure, decentralized, and interoperable blockchain infrastructure.

Product: PoWoC Overview



PoWoC, or Proof of Work of Compression, is a novel consensus mechanism that incentivizes contributors to compress datasets efficiently. By competing to produce the best compression ratio, contributors directly contribute to the improvement of AGI. The mechanism ensures that the most effectively compressed AGI model is rewarded. This process is cyclical, promoting continuous improvement and collaboration among participants.

Product Features

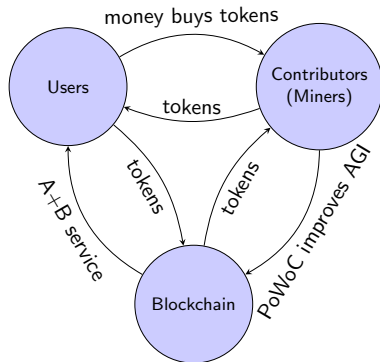
- **Decentralized Architecture:** Blockchain ensures security, transparency, and tamper-proof ecosystem interactions.
- **AGI-Embedded Intelligent Contract:** Integrates AGI with smart contracts for adaptive, privacy-enhanced, intelligent decision-making.
- **Personalized & Private AGI Agent:** Offers user-specific AGI agents for customized interactions and advanced privacy.
- **Token Economy & Dynamic Participation:** A novel token model rewards participation, enabling a vibrant community where users are both demanders and suppliers.
- **Scalable and Efficient:** Utilizes AGI-Rollups to address scalability and transaction cost challenges, ensuring platform efficiency.
- **Open Development Platform:** Provides tools for creating AGI-driven applications, fostering innovation and ecosystem growth.
- **Ethical and Transparent AI Use:** Committed to ethical AI practices, ensuring transparency and equitable benefits for all.

Product Roadmap

- **Q1-Q2 2024:**
 - Launch of AGI-Rollups Beta and PoWoC Beta for scalable blockchain operations.
 - Initial Token Distribution Event to early adopters.
- **Q3-Q4 2024:**
 - Personalized AGI Agents Beta
 - Expansion of Developer Tools with new SDKs and APIs.
- **Q1-Q2 2025:**
 - Integration with Major Blockchain Platforms for increased interoperability.
 - Launch of Decentralized Marketplace for AGI-driven services.
- **Q3-Q4 2025:**
 - Implementation of Ethical AI Governance Framework.
 - Hosting of Global AGI Conference to foster community collaboration.
- **Beyond 2025:**
 - Continuous Improvement and Expansion of AGI capabilities and platform features.

Business Model: Ecosystem as a Service

An ecosystem of an AGI-embedded blockchain for more casual use



The Babel model is a cycle of innovation and exchange: users buy tokens to access services, contributors mine tokens by improving AGI via PoWoC, and the blockchain rewards contributions, fueling a self-sustaining ecosystem of growth and accessibility.

Our Core Team

• CEO - Zaki

- Co-Founder of BTCU, largest university web3 community in China.
- Serial entrepreneur with significant resources in computing power and energy sectors.
- Led teams to top positions in major Chinese programming competitions and international coding contests.

• COO - Artist

- MSc in Finance and Information Engineering from ZJU; BSc in ECE from SJTU.
- President and Head of Operation at Zhejiang University Blockchain Association.
- Former Director of Supply Chain at Yurun Holding Group Co., Ltd. Mathematical modeling expert with wins in algorithm contests.

• CSO & CTO - Prof. Strange

- Doctoral Quantum Information @ USC. Foreign expert at Tsinghua University.
- Specializes in mathematical logic AI engine, AGI philosopher. tokenomics design, consensus algorithm design. Game design.

Tokenomics Overview

Token	Source	Inflation/Deflation	Value Anchor
wBABEL	PoW ¹ Protocol	Exponential Inflation	sBABEL
sBABEL	PoS ² Protocol	Weak Deflation	Future Burning as Dividends
gBABEL	ATCGU ³ Protocol	Stable Coin as Gas	TPS ⁴ Supply & Demand

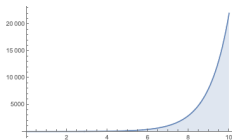


Figure: wBABEL
supply trend (not drawn
to scale)

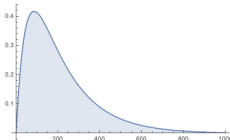


Figure: sBABEL
supply trend (not drawn
to scale)

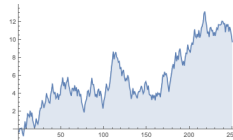


Figure: gBABEL
supply trend (not drawn
to scale)

¹ Proof of Work

² Proof of Stake

³ Always Totally Collateralized Game-theory-stable Unit

⁴ Transactions Per Second

sBABEL Tokenomics (Valuation TBD)

