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

BABEL

PIVOT DAO

March 7, 2024

Outline

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.)

Purpose

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
- 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 control 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.

Solution

- **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) **A**GI with **B**lockchain naturally solves usability issues, making blockchain applications more accessible and applicable, 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.
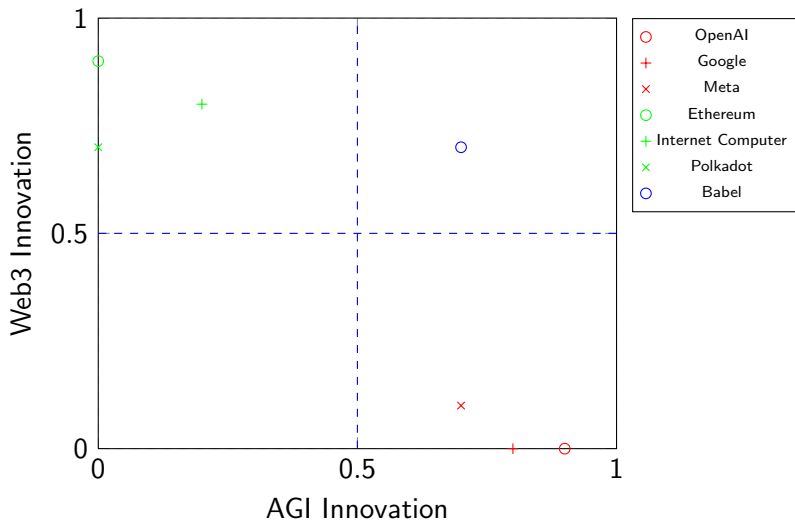
$7 TRILLION
– SAM ALTMAN

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

Existing De-Market Size Breakdown

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**

Competition
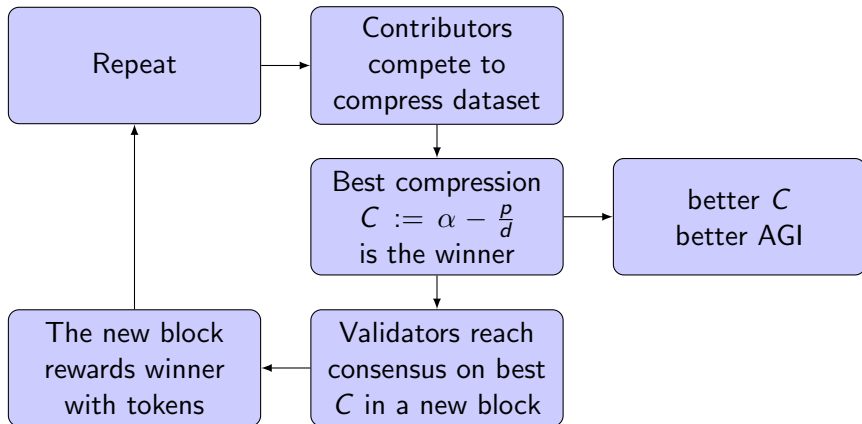

AGI Innovation vs. Web3 Innovation

Product Components

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

Product: PoWoC Overview


```
Repeat  →  Contributors
            compete to
            compress dataset
                    ↓
            Best compression          better C
            C := α - p/d      →       better AGI
            is the winner
                    ↑
The new block  ←  Validators reach
rewards winner    consensus on best
with tokens       C in a new block
```

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.
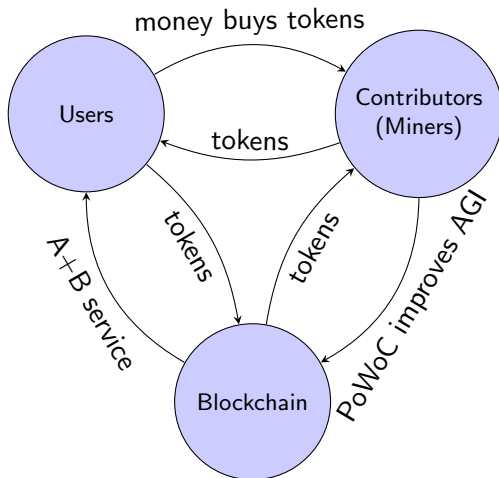
Product Roadmap

- **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

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 Zhou**
  - 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