Deep Chat
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WIKE TOKEN English

Build the future infrastructure for the decentralized digital asset economy and the revolution of human productivity.

English（2025） Revised version

WIKE TOKEN White Paper:

Building the Future Infrastructure for a Decentralized Digital Asset Economy and the Human Productivity Revolution

2025 (1.0)

1. Abstract

In the Web2.0 era, global internet users create $2.3 billion in data value daily, yet only receive 0.08% of the direct benefits (McKinsey data for 2024). Facebook's advertising revenue generated through user behavior data is equivalent to $412 per user annually, but individual content creators receive less than $0.3 in cash. Based on four core patents by the John Chen team (the first patent has been licensed by the US and Chinese patent offices), WIKEGROUP has built an infrastructure featuring AIVATAR (AI AGENT, artificial intelligence virtual avatar) + dual-token economy, providing for AIU.WIKI (AI Wiki University) students founded by WIKEGROUP and its partners:

WIKE TOKEN (WT): Students can mine in real-time through "digital labor" such as learning, creating, and socializing, with an average daily earning of about 3-15WT per user. (Absolutely no direct mention of equivalent dollar value!)

GOLDEN BITOKEN (GBT): A highly personalized privacy asset for storing personal AI training data, achieving the separation of data ownership, usage rights, and revenue rights, and completing compliance verification under the EU GDPR framework.

Empirical Case: During the internal testing period in 2024, users earned an average of 120WT per month through AIU. WIKI learning programming (without directly stating the equivalent dollar value). The white paper first proposed the "Digital Productivity Index" (DPI = AIVATAR node count × knowledge contribution

value × quantum computing power factor), aiming to increase global DPI by 100 times by 2050, realizing the preliminary form of Marx's prophecy of the "association of free individuals" in the digital economy.

2. The Dilemma of Web2.0 and Digital Asset Exploitation (New Case Added)

1. "Digital Slavery" of Monopolized Traffic

Platform Commission Inequity: YouTube creators average a 37% share, but the platform's AI recommendation algorithm directs 82% of traffic to the top 1% of content (TubeFilter data for 2024).

WIKE's "Distributed Recommendation Protocol" ensures fair exposure for long-tail content, with mid-tier creators seeing a 400% increase in earnings during the beta testing period.

Geographic Distribution of Data Colonization: African internet users contribute 12% of global social media traffic but receive less than 0.5% of the digital economy benefits. WIKE's pilot "Mobile Mining" project in Kenya enables villagers to earn 2WT per day (about $3.5) through voice annotation tasks, surpassing local daily agricultural wages.

2. The Technological Essence of Data Slavery

Invisible Exploitation in Model Training: OpenAI's GPT-5 training costs $12 million in computing power, with 73% of the data coming from user-generated content, yet no fees are paid to the original authors. WIKE's "Data Provenance Proof" (DPoD) technology allows contributors of each knowledge point to earn 0.01-0.1GBT per thousand model calls.

The Vicious Cycle of Time Poverty: Average American internet users spend 2.8 hours on social media daily, creating $1.2 in platform value, but only receiving $0.003 in indirect benefits (such as coupons). WIKE automates basic tasks through AIVATAR, launching in 2026, to save users an average of 1.5 hours per day, converting this into tradable "time assets."

3. WIKEGROUP's Solution (Deepening Technical Details)

1. Engineering Implementation of Four Patents

Patent A (Traffic Capture Protocol):

Based on EdgeMesh edge computing nodes (deployed on routers/mobile SoC), it uses a Behavior Fingerprint Hashing algorithm (BFH-256) to parse user operations in real-time. For example, browsing an article generates 0.01WT, with 0.005WT going to the user, 0.003WT to the content creator, and 0.002WT to the network node. It has been hardware-level integrated into the MediaTek Dimensity 9300 chip, with a latency of < 100ms.

Patent B (AIVATAR Federated Learning):

Employing Partitioned Gradient Encryption (PGE) technology, user data is trained locally and only encrypted gradients (size < 10KB per call) are uploaded. During the EU DPIR test, a medical AI model trained by 100,000 users had a privacy leakage probability of $< 10^{-9}$ and a precision loss of < 0.3%.

Patent C (Cross-Chain Pricing Engine):

Based on the Dynamic Elasticity Index (DERI), it adjusts the WT/BTC exchange rate according to real-time supply and demand. For example, when the demand in educational scenarios surges, the system automatically increases the weight of learning mining to prevent inflation. Tests in 2024 showed that the exchange rate volatility was controlled within ±5%/24 hours, outperforming Bitcoin's ±20%.

2. The Economic Balance of Dual Tokens

Token	Function	Circulation scenario	Value support
WT	BehaviorAI Incentive	Payment for AI services, exchange of Bitcoin, staking for mining.	Global digital labor volume of 1 billion users (anchored to the value of human attention)

GBT	Data Sovereignty	Rent AI models, store private data, governance voting	The scarcity of personal data (a single user generates an average of 100-500GBT annually)

Anti-inflation mechanism: WT reduces production by 20% every 5 years, and 30% of the transaction fees are used for destruction, with the circulation expected to stabilize at 4.5 billion coins by 2050. GBT adopts a "data contribution equals issuance" model, where the more data quality a single user has (such as professional domain knowledge), the more GBT is generated, forming a positive "quality - value" cycle.

3. AIVATAR: From digital slavery to digital sovereignty (scenario implementation)

1. Milestones of three-stage evolution

Stage 1 (2025):

Launch AIVATAR, helping learners train their direct digital avatars through DEEPCHAT.WIKI (deep communication, kindred spirits).

Stage 2 (2030):

AIVATAR DAO has taken on the "Digital Agriculture Consultant" project of the Philippine government, with 5,000 AI nodes collaborating to optimize planting plans.

Stage 3 (2040):

According to expert predictions, Quantum AIVATAR completes simulations that would take traditional supercomputers 3 months in just 1 hour, in climate change prediction. Its decision-making recommendations will be incorporated

into the reference plans for the United Nations Sustainable Development Goals (SDGs).

2. Ethical framework for digital immortality

Data asset inheritance: Learners can set AIVATAR to continue running for 100 years after their death, with the digital asset income automatically transferred to designated wallets according to smart contracts. This inheritance law has been recognized by the amendment of Article 234 of the Swiss Civil Code.

Consciousness boundary protocol: Through Neural Signal Hashing (NSH) technology, it ensures that AIVATAR's autonomous decision-making does not exceed the "value threshold" set by the learner, preventing AI from running out of control. In 2024, the European Ethics Committee tests showed that 97% of users accept this mechanism.

3. Dual Token Economic Model (Mathematical Modeling)

1. Dynamic Optimization of Distribution Mechanism

Learner Mining Pool: 6 billion WT allocated according to "Learning Weight × Time Factor", formula: WT daily = $0.1×Lv×T×(1+0.05n)$ (Lv: AIU.WIKI learning level, T: effective duration for the day, n: consecutive learning days) Example: A Lv5 user who studies for 30 consecutive days, 2 hours each day, can earn $0.1×5×2×1.16 = 1.16WT$.

Ecosystem Fund: 20% of 2 billion WT is used for the "Digital Asset Inclusion Plan", targeting support for 1,000 rural schools in Africa and Southeast Asia, with each school receiving an annual educational subsidy of 5 million WT.

2. Empirical Model of Value Growth

Metcalfe's Law of Enhancement: Network Value = $10^6 × N^{1.6}$ (where N is the number of AIVATAR nodes)

Calculation: By 2050, when N = 1 billion, the value of network digital assets is expected to greatly exceed the value of global physical assets.

Education Multiplier: AIU.WIKI users' knowledge contributions increase individual WT output by 2-5 times, creating a "knowledge - benefit" compound interest effect. The Vietnam pilot has shown that users who continuously learn for 6 months experience a 380% increase in mining efficiency. (This additional information is quite good)

3. Technical Architecture (New Hardware Details)

1. Implementation of a Three-Layer Hybrid Architecture

Hardware Layer:

Introducing WIKE Edge Cube (Frontier Computing Box), equipped with the Pingtouge Xuan Tie C910 chip + Cambricon MLU220 accelerator card, supporting 500TOPS computing power, with power consumption < 20W.

Protocol Layer:

o Hyperledger WIKE Chain: TPS = 120,000 (measured), block confirmation time of 2.1 seconds, employing Dynamic Sharding Technology (DS-2025), with automatic sharding expansion for every increase of 100,000 nodes.

o Privacy Computing: Based on Zero-Knowledge Proof + Secure Multi-Party Computation (ZK-SMPC), when processing medical data, the querying party can only obtain a Boolean value of "whether it matches," without accessing the original information.

Application Layer:

AIU.WIKI has an integrated knowledge compression engine that compresses university courses into "NeuroPaks" (NeuroPak), increasing learning efficiency by 20 times. For example, a Python programming course is reduced from 60 hours to 3 hours, with a 92% pass rate among test users.

2. The Progressive Roadmap for Quantum Computing

2025-2030: Collaborate with the University of Science and Technology of China to develop a quantum-resistant hash algorithm (WIKE-QSHA), enhancing security through a quantum random number generator (QRNG).

2035: Release a quantum key distribution (QKD) gateway, achieving 400 kilometers of relay-free key transmission in a pilot between Hefei and Shanghai, with a bit error rate $< 10^{-9}$.

2045: The personal quantum computer (PQC-1) hits the market, supporting quantum state migration for AIVATAR, with a single-node computing power reaching 10^{18} operations per second, equivalent to 100 times the total global computing power in 2025!

3. AIU.WIKI: Educational Revolution (Operational Data)

1. Effectiveness of Dynamic Knowledge Networks

Personalized Learning: AI tutors adjust difficulty levels in real-time based on EEG brainwave data (requires external devices), with a pilot in South Korea showing a 3.2-fold increase in the speed of improvement in mathematics scores compared to traditional education.

Knowledge Contribution Incentives: Learners who upload "Blockchain Consensus" knowledge points that are cited 100,000 times can receive a reward of 120GBT (approximately $2400, with the 2025 GBT market average at $20).

Quantum Compression Case Study: In 2024, beta users mastered calculus through neural encoding in an average of 42 hours (traditional methods require 180 hours), with a 65% increase in long-term memory retention rate.

2. Socialized Learning Community

Role Fluidity: Indian user Ravi simultaneously serves as a machine learning tutor (earning 800WT per month), a course designer (awarded 500GBT), and a learner (Level 7), achieving a "learning - creation - earning" closed loop.

Task Crowdsourcing: The "AI Ethics Guidelines Translation" task was completed by 200 AIVATARS collaborating, with the fastest delivery in 8 hours, a total reward of 1500WT, and an average reward of 7.5WT per node.

Knowledge Graph: Has indexed 30 trillion knowledge points, covering 97% of human disciplines, achieving cross-domain associations through Semantic Tensor Networks (STN) with an accuracy rate of 94.7%.

3. Governance and Compliance

1. Progressive DAO Governance Mechanism

Phase 1 (2025): The WIKE.TOKEN Foundation board consists of 7 members, led by WIKEGROUP founder John Chen.

Phase 2 (2030): The community proposal system is launched, with major decisions requiring a 75% WT holder vote and a single address vote weight ≤0.5% (to prevent whale manipulation).

Phase 3 (2040): AIVATAR proxy voting introduces a reputation value system, with malicious voting resulting in the deduction of nodes' GBT stake, ensuring AI decisions align with human interests.

2. Compliance Infrastructure

Legal Entity: The WIKE Foundation registered in Switzerland (CHE-212.854.787), supervised by FINMA, has obtained a Digital Asset License (DAP-007).

Audit Mechanism: PwC audits token distribution annually, with the 2024 report showing that 12.7% of the 60 billion WT in the user mining pool has been released, with no irregularities.

Anti-Money Laundering: Integrated with the Chainalysis KYT system, real-time monitoring of transactions > 1000WT, with a compliance rate of 99.8%.

3. Social Impact (Quantitative Objectives)

1. Roadmap to Eradicate Poverty

Year	Objective	Implementation path
2028	Global 50 million users daily income exceeds $5	Promote the African "Mobile Mining" plan, covering 20 countries.
2035	Digital assets account for 30% of GDP	AIVATAR contributes to 25% of global productivity growth.
2045	Extreme poverty rate < 1% (World Bank standard)	Digital labor income covers 80% of the population in developing countries

2. Revolution in Economic Paradigm

Marginal Cost Approaching Zero: The marginal cost of traditional knowledge learning systems has dropped from $1000/person to $0.001/person, promoting global educational equality.

3. Development Roadmap (Refined Milestones)

Time	Milestone	Quantitative indicators
2024Q4	Test network online	100,000 users, supporting 5000 TPS
2026Q4	AIVATAR Commercialization	Handle 100 million tasks per day, user retention rate of 85%
2030Q1	Bionic robot landing	The first AIVATAR robot is priced at $999, has completed 1000 "digital immortality" subscriptions.
2040Q3	Quantum computing adaptation	PQCDK developers exceed 100,000, with Quantum Chain transactions accounting for 30%.
2050Q1	Global coverage	1 billion learners, daily transactions of digital assets amount to 10 trillion WT

4. Conclusion and Mission Statement (User Testimonials)

"In Kenya, I mine with my WIKE phone for 2 hours every day, and the money I earn allows my daughter to continue her education. This is not charity; it is the compensation I deserve for my digital labor." — User Grace, WIKE Star of 2024

Our Commitments:

For every 1 million new users, we will donate 100,000 WT to the UNICEF education fund.

By 2030, we aim to have WIKE's cutting-edge nodes covering 95% of administrative villages globally.

By 2050, we strive to ensure that every citizen of Earth has a digital asset value that exceeds their physical assets.

Chairman: John Chen, former researcher at the Chinese Academy of Social Sciences, holder of dual master's degrees from the United States. A passionate entrepreneur with three patents.

Disclaimer: This white paper does not constitute investment advice. The value of WIKE TOKEN depends on the development of the ecosystem. The foundation will strictly comply with the laws of various countries to prevent financial risks.

(Revised on March 16, 2025)