

Polygon Ecosystem Grant Proposal: AlmaNEO

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Project Name: AlmaNEO - Cold Code, Warm Soul

Track: Polygon Village / Ecosystem Grants (Season 4 - AI & DePIN)

Requested Allocation: \$30,000 ~ \$50,000 USD

1. Executive Summary

Bridging the AI Divide: Democratizing Intelligence

In 2024, humanity unlocked its most potent tool: Artificial Intelligence. Yet, access to this technology remains heavily stratified. The disparity between those who control these tools and those who are displaced by them is widening at an unprecedented rate.

AlmaNEO addresses this critical imbalance.

"We infuse cold code with the warmth of human connection."

AlmaNEO does not seek to compete with Big Tech infrastructure. Instead, we introduce a **Strategic Hybrid DePIN** model that aggregates idle resources from tech giants and redistributes them to underserved populations. In exchange, we provide high-value, **ethically sourced RLHF (Reinforcement Learning from Human Feedback) data**—a critical asset for reducing AI bias.

Core Value Proposition

Pillar	Description
Aggregator DePIN	A resource-efficient model that leverages existing Big Tech surplus rather than competing on hardware acquisition.
Ethical Data Leverage	Provision of 'Clean RLHF Data' to AI developers in exchange for affordable computing power.
Polygon Integration	Utilizing Polygon zkEVM for transparent verification of value exchange and AggLayer for cross-chain resource liquidity.

2. Problem Statement: The Digital Divide

2.1 The New Digital Divide: Cognitive Inequality

Similar to how the Industrial Revolution stratified physical labor, the AI Revolution is creating inequality in **cognitive resources**.

Market Realities:

Metric	Current Status
Resource Monopoly	The top 1% of tech firms control over 90% of global GPU capacity.
Cost Barrier	Standard AI subscriptions (\$20/mo) represent 10-30% of monthly living expenses for youth in the Global South.
Investment Asymmetry	Over 80% of global AI investment is concentrated in the US and China.
Data Bias	>90% of LLM training data is English-centric, marginalizing other cultures.

While students in developed nations leverage AI for acceleration, their counterparts in developing regions are relegated to low-wage data labeling tasks. This represents **21st-century digital colonialism**.

2.2 The Erosion of Opportunity

Education, once the primary ladder for social mobility, is being destabilized by the monetization of intelligence.



Comparative Analysis: The Opportunity Gap

Timeframe	us Youth in Developed Nations	🌐 Youth in the Global South
Morning	Optimization via ChatGPT	Restricted by usage limits on free-tier models
Afternoon	Coding acceleration via Copilot	Limited by slow connectivity and basic search tools
Evening	Upskilling via AI Tutors	performing low-wage data labeling labor

"When intelligence is monetized without safeguards, equality of opportunity becomes obsolete."

2.3 The Vicious Cycle

- 1. Capital monopolizes cognitive resources.
- 2. Cognitive inequality creates an insurmountable opportunity gap.
- 3. Systemic loss of hope among global youth.
- 4. Long-term destabilization of the global workforce.

AlmaNEO is engineered to disrupt this cycle.

3. Philosophy: The "Jeong" Protocol

3.1 Defining "Jeong (情)"



Originating from Korea, "**Jeong (情)**" transcends simple kindness. It represents a deep, resilient social bond and communal trust that prioritizes long-term relationships over short-term efficiency.

While AI optimizes for speed and cost, **Jeong optimizes for trust and sustainability**. It is a distinctly human value that cannot be replicated by algorithms. AlmaNEO digitizes this concept into a quantifiable **Social Capital** asset.

3.2 Guiding Principles

Principle	Implementation
Human-Centricity	We prioritize individual potential over geopolitical borders. Access is universal.
Beyond Metrics	We value qualitative human contribution, not just quantitative economic output.
Human Sovereignty	Technology serves as a tool for empowerment, not a mechanism for domination.

3.3 Redefining Value: The Kindness Economy

AlmaNEO inverts the traditional economic incentive structure:

Traditional Model	AlmaNEO Model
Monopoly = Profit	Sharing = Reputation (Jeong) Score & Opportunities
Competition = Success	Collaboration = Asset Accumulation (SBT)
Altruism = Opportunity Cost	Altruism = On-chain Rewards & Verified Utility

4. Solution: The Ethical Bridge

AlmaNEO positions itself not as an adversary to Big Tech, but as a strategic partner—acting as a **'Resource Liquidity Provider'**.



4.1 GAI Dashboard (Global AI Inclusivity Index)

"Measurement is the prerequisite for improvement."

- **Function:** A real-time dashboard ranking countries and corporations based on their '**AI Inclusivity Score**'.
- **Strategic Utility:** Serves as a **Moral Lever** and ESG benchmark, incentivizing corporations to contribute computing resources to the AlmaNEO ecosystem to improve their brand standing.
- **Status:** Data collection for 50 nations complete; Report v1.0 scheduled for release.

4.2 AlmaNEO AI Hub (Relay DePIN)

"Connect, don't just compete."

A DePIN architecture focused on **allocation and exchange** rather than hardware mining.

The Value Exchange:

AlmaNEO Provides	Big Tech Provides
Diverse RLHF Data: High-quality, bias-reduced datasets from 14+ language regions.	Idle GPU Compute: Access to cloud resources during off-peak hours.
Ethical Verification: "Clean" data certified by human consensus.	API Credits: Enterprise-tier access for ecosystem users.

Distribution Logic:

Computing power is prioritized for users holding **Kindness SBTs** (verified contributors), ensuring resources flow to those who strengthen the ecosystem.

4.3 Kindness Protocol (Proof of Humanity)

- **Jeong-SBT (Soulbound Token):** An immutable on-chain record of contributions and ethical behavior. Serves as a '**Certificate of Humanity**' that prevents Sybil attacks.
- **Ambassador SBT:** A tiered reputation system rewarded for offline community building (meetups, mentoring).
- **Gamified Contribution:** "Play-to-Contribute" models where users generate RLHF data through gameplay, earning **ALMAN tokens** as mining rewards.

5. Strategic Alignment: Why Polygon?

AlmaNEO's hybrid strategy demands high-throughput and absolute trust, making Polygon the optimal infrastructure layer.



Requirement	Polygon Advantage
Micro-Transactions	Low Gas/High TPS: Essential for processing millions of micro-rewards for RLHF data tasks.
Trustless Verification	Polygon zkEVM: Guarantees mathematical transparency for data verification processes.
Liquidity Aggregation	AggLayer: Facilitates seamless cross-chain resource integration.
Corporate Adoption	Track Record: Polygon’s history with enterprise brands (Starbucks, Nike) aligns with our corporate partnership model.

6. Competitive Landscape



Differentiation Analysis

Feature	Legacy DePIN (io.net, Render, Akash)	AlmaNEO
Strategy	Aggregate consumer GPUs to compete with Cloud Giants	Exchange proprietary Data for Cloud Giant resources
Outcome	Struggle against economies of scale	Cooperative / Win-Win Model
Target Demographic	Enterprise Developers	Underserved Global Youth (8B Population)
Core Asset	Hardware (Commodity)	Ethical Data (Scarcity)
Mission	Distributed Computing	Democratization of Intelligence

Key Differentiator

- ✗ Legacy DePIN: Competing on Infrastructure (CapEx intensive, lower margins)
- ✓ AlmaNEO: Competing on Value & Data (OpEx efficient, high strategic leverage)

7. Technical Maturity

AlmaNEO is beyond the conceptual phase. We have **deployed contracts and live operational products**.

7.1 Smart Contract Architecture (Polygon Amoy Testnet)

Component	Contract Address	Status
ALMAN Token (ERC-20)	0x261d686c9ea66a8404fBAC978d270a47eFa764bA	✓ Live
JeongSBT (Identity)	0x8d8eECb2072Df7547C22e12C898cB9e2326f827D	✓ Live
AmbassadorSBT	0xf368d239a0b756533ff5688021A04Bc62Ab3c27B	✓ Live
Staking Module	0x86777d1834c07E1B08E22FE3E8Ec0AD25a5451ce	✓ Live
DAO Governance	0xA42A1386a84b146D36a8AF431D5E1d6e845268b8	✓ Live

7.2 Live Product Ecosystem

Service	URL	Status
Main Platform	https://almaneo.org	✓ Live
NFT Marketplace	https://nft.almaneo.org	✓ Live
Gamified App	https://game.almaneo.org	✓ Live

7.3 Tech Stack for Mass Adoption

- **Web3Auth:** Enables 3-second onboarding for non-crypto natives (Social Login).
- **Biconomy:** Implements Account Abstraction (ERC-4337) for gasless transactions.
- **Global Scalability:** Serverless architecture (Supabase + Vercel) supporting 14 languages immediately.

8. Tokenomics: The ALMAN Token

8.1 Token Profile

Feature	Details
Ticker	ALMAN
Network	Polygon
Total Supply	8,000,000,000 (8 Billion)
Philosophy	"One token for every human on Earth."

8.2 Allocation Strategy

Category	Allocation	Amount
Community & Ecosystem	40%	3.2B
Foundation Reserve	25%	2.0B
Liquidity & Exchanges	15%	1.2B
Team & Advisors	10%	800M
Kindness Grants & Expo	10%	800M

8.3 Utility & Deflationary Mechanics

- Access:** Payment for premium AI services and models.
- Security:** Staking collateral for DePIN node operation.
- Governance:** Weighted voting rights based on Reputation (Kindness) Score.
- BME Model (Burn-and-Mint Equilibrium):** Tokens are burned when services are utilized (Service Burn) or when corporations purchase ESG credits, ensuring long-term value appreciation.

9. Roadmap & Fund Allocation

9.1 Milestones

Timeline	Phase	Key Objectives
2025	Foundation	✔ Infrastructure setup, Testnet deployment, Community inception
2026 Q1	Launch	🕒 Security Audit , Mainnet Deployment, TGE (Token Generation Event)
2026 Q2-Q3	Expansion	AI Hub Beta Launch, RLHF Data Validation, Global Ambassador Program
2026 Q4	Maturity	1st Global Kindness Expo, Full Decentralization (DAO)

9.2 Grant Budget Allocation (\$30K ~ \$50K)

Line Item	Allocation (Est.)	Purpose
Security & Audit	\$15,000	Smart Contract Audits (CertiK/Hacken) to ensure user safety.
Liquidity Provision	\$12,000	Initial Liquidity for DEX (QuickSwap) to stabilize token economy.
Gas Subsidy (Paymaster)	\$10,000	Fund for Biconomy Paymaster to subsidize user gas fees.
Growth & Operations	\$8,000	Ambassador incentives and server infrastructure costs.
Infrastructure	\$5,000	API and cloud service maintenance.

10. Success Metrics (KPIs)

10.1 Execution Strategy

- **Phase 1 (Closed Beta):** 500 users via Discord/Telegram.
- **Phase 2 (Localization):** Recruit 5-10 Ambassadors per region (14 languages).
- **Phase 3 (Incentivization):** Bug bounties and translation rewards via ALMAN tokens.

10.2 Impact Targets

Metric	6-Month Target	2-Year Target
Active AI Hub Users	5,000	50,000
Global South Penetration	40%	60%+
Language Coverage	20 Languages	30 Languages
GAI Index Reach	100 Nations	150 Nations

11. Risk Management

Risk Category	Mitigation Strategy
Technical	Comprehensive audits and phased testnet rollouts.
Economic	4-year vesting schedule for team tokens to align long-term incentives.
Regulatory	Utility-focused design (SBTs) to avoid security classification.
Adoption	Frictionless onboarding via Web3Auth and gasless transactions.

12. Team

We are **Architects of Social Contracts**, blending humanities with advanced technology.

Role	Expertise
Founder & Lead Dev	Full-stack AI/Blockchain architecture & Visionary leadership.
Co-Founder (Community)	Global community orchestration & Cross-cultural communication.
Co-Founder (Business)	Tokenomics design & Payment gateway integration.
Engineering Team	Specialists in Frontend, Backend, and Solidity development.

"Technology must serve humanity, not define it."

13. Conclusion

While history admires the David who defeats Goliath, reality rarely favors him.

AlmaNEO chooses the path of **Solomon**—leveraging the strength of Goliath (Big Tech) to build a sanctuary for the many.



Polygon's vision of being the **"Value Layer of the Internet"** resonates perfectly with AlmaNEO's mission of **"Democratizing Intelligence."**

"AI for the 8 Billion."

We invite Polygon to join us in this necessary revolution.

Contact Information

- **Website:** <https://almaneo.org>
- **X (Twitter):** https://x.com/almaneo_org
- **Discord:** <https://discord.gg/JkRNuj7aYd>
- **GitHub:** <https://github.com/almaneo>

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