

# GCPS: Global Collaborative Progress System

**\*\*An Open Protocol for Collective Human Intelligence with Full Privacy and Universal Accessibility\*\***

**\*\*Version 1.6\*\***

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## **## Executive Summary**

GCPS is an open-source protocol designed to unite the collective intelligence of approximately 8.1 billion people on Earth through iterative, AI-facilitated brainstorming.

Core principle: "One mind is good, but 8+ billion verified minds are far better."

The system evolves in stages (all timelines and details determined solely by collective consensus):

- Global consensus on a shared vision of the world as a single organism
- Division into residential settlements with local voting
- Formation of knowledge bases across all domains of development
- Local resource accumulators and a scale of basic needs satisfaction
- Equal distribution of working time and organization of labor after specialization of each individual

Everything is non-commercial, without wealth accumulation or private profit – only collective human progress and care for every person.

Key features:

- Mandatory verification accessible to absolutely everyone (including people with total blindness, limb loss, and any combination of disabilities).
- Full privacy: biometrics never leave the device; only ZKP proofs of uniqueness are stored.
- Full transparency: entire codebase open (MIT license), auditable by anyone.
- Soft motivation without competition: four types of collective/personal incentives, fully toggleable per user and changeable via global vote.
- Non-profit goal: no tokens for sale/accumulation – only recording of “problem → solution” exchanges and equal labor distribution for the common good.

## ## 1. The Problem

Humanity faces existential challenges, yet our collective intelligence remains fragmented, basic needs of many remain inconsistently met, labor is unevenly and inefficiently distributed, and competition and psychological disorders slow progress.

One fundamental issue is the lack of a shared, fact-based knowledge base about human origins and development. Without proven facts supporting any theory of human emergence, the most logical path is searching for any facts together, without manipulation. Only with a shared, fact-verified knowledge base can human development accelerate far beyond the old tools of competition and psychological disorders.

GCPS addresses this through a verifiable, private, inclusive platform for collective brainstorming, local solutions, individual support systems, and equitable labor distribution.

## ## 2. Solution Overview

GCPS is a decentralized system of collective intelligence, support, and labor:

- Iterative global and local consensus cycles
- Mandatory private verification for every person
- Open knowledge bases across all domains of development

- Local resource accumulators
- Individual scale of basic needs satisfaction
- Blockchain recording of resource exchanges
- Equal working-time distribution and labor organization after individual specialization

## ## 3. Technical Implementation

### ### 3.1 Verification: Simple, Private, Inclusive, Mandatory

- Primary methods: palm / iris / face scan (20–60 seconds). Device generates ZKP proof of uniqueness (biometrics never leave the phone).
- Fallbacks: World ID, selfie + liveness.

#### #### 3.1.4 Inclusivity for People with Disabilities

GCPS ensures no human voice is excluded:

- Blindness – voice liveness + response to spoken challenges.
- No limbs – voice + eye/head tracking.
- Total blindness + no limbs – social verification via 2–3 trusted verifiers (multi-sig + ZKP).
- Deafblindness – tactile/vibration verification + Braille or assistance center.
- All paths produce the same ZKP proof of uniqueness.

Partnerships with disability organizations for offline assistance centers.

### ### 3.2 Iterative Brainstorming Process

Global question → AI synthesis → edits & voting → consensus ( $\geq 80\%$  approval or  $<5\%$  change).

### ### 3.3 Transparency & Manipulation Protection

- Full open-source codebase (GitHub, MIT).
- Fixed AI prompts, public data on IPFS.
- ZK proofs of vote coverage.
- 7-day challenge period after synthesis.

### ### 3.4 Transition to Multi-Level Development (Global + Local)

After sufficient consensus on shared global vision:

- Participants privately indicate residence (geo-hash / ZKP).
- Network auto-clusters into real settlements (villages, towns, cities, districts).
- Parallel local votes on settlement-specific needs.
- Ideas drawn from global knowledge base; AI adapts them locally.

### ### 3.5 Formation & Use of Knowledge Bases

- Bases cover all domains of collective progress (medicine, construction, education, ecology, etc.).
- Data centers & accumulators placed in permanently cold regions → waste heat used to heat homes, schools, greenhouses.
- Multilingual access with detailed explanations (causes, solutions, outcomes).
- Example: rural pediatrician inputs symptoms → AI filters global options, proposes best matches adapted locally.
- Base population: expert voting in each field (in free time, no deadlines).
- Protection: ≥80% specialist consensus, immutability via blockchain/IPFS.

### ### 3.6 Local Resource Accumulators, Exchange Recording & Basic Needs Scale

- Local accumulators emerge for material/energy/information resources.
- Non-tradable, non-accumulable digital token records only “problem → solution” exchanges forever on blockchain.
- Private scale of basic needs per person: health, food, housing, safety, etc.
- AI daily analyzes voluntary data → if in yellow zone: automatic cause investigation  
→ resource allocation or solution options from knowledge base.

### ### 3.7 Equal Working-Time Distribution & Labor Organization After Specialization

After consensus and individual specialization (self-description + contribution + expert voting):

- Equal weekly working time for all adults (exact amount set by consensus).
- AI identifies required physical/intellectual actions for balanced development of settlements and the whole network.
- Work format choices:
  - Joint work centers (for those who enjoy being near people).
  - Solitary work points.
  - VR / android-avatar remote physical labor.
- Full freedom: choose task and schedule (day/night, today/tomorrow) within agreed period.
- Planned rest/travel marked in personal calendar.
- Option: live in self-sufficient, well-equipped autonomous communes with minimal network ties (still access to knowledge bases & basic resources).

All details determined by collective vote.

## ## 4. Motivation & Engagement

- Collective achievements – shared progress notifications.

- Personalized AI thanks – impact messages.
- Belonging badges – simple participation symbols.
- Early access to results.

Individual control – toggle any element anytime in settings.

Collective evolution – entire incentive system changeable via vote ( $\geq 75\text{--}80\%$ ).

## ## 5. Benefits & Impact

- Unified vision from 8+ billion minds.
- Local improvements based on global ideas.
- Knowledge bases for collective advancement.
- Local resource accumulators & efficient energy use.
- Basic needs satisfaction scale – care for every person.
- Equal labor distribution & freedom of work format.
- Full inclusivity & accessibility.
- Transparency & absence of private gain.

During the transition period full child development and education must be ensured via neural networks and AI. Childhood psychological trauma and instilled competition will be eliminated. From early age, every person will understand the importance of empathy and collective growth – not private success through deception or random luck.

With a shared, fact-verified knowledge base, human progress will accelerate far beyond the limitations of competition and psychological disorders.

## ## 6. Risks & Mitigations

- Low engagement → soft incentives + simplicity.
- Technical barriers → inclusive fallbacks.
- Manipulation → open audits + ZKP + expert voting.
- Resource abuse → blockchain recording + consensus.
- Labor overload → equal distribution + flexible scheduling.
- Psychological trauma & competition → AI-supported child education focused on empathy & collective growth.

## ## 7. Roadmap

- Repository launch, small-scale PoC.
- Open audits, fallback integration.
- Larger pilot, initial global cycles.
- Scaling to billions, progression to local levels, knowledge bases, resource accumulators, labor distribution.

All stages determined by collective consensus – when the network decides it is ready.

## ## 8. Call to Action

GCPS is all of us together.

Join: audit code, help with accessibility, spread the idea.

Contact: @PavelS38599 on X or [pavel@gcps-project.org](mailto:pavel@gcps-project.org).

Let us build the global brain of humanity – together.