

# Overview of the P2P Contribution Protocol

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## 1. Problem Statement

Both centralized economies and Web3 systems share three structural failure modes:

- 1) Gatekeepers
- 2) Inflation
- 3) Market Limits

These all arise from a single design flaw:  
the conflation of trust and currency.

## 2. Proposal: A P2P Contribution Protocol

Separating and circulating  $f$  (actions),  $g$  (trust), and  $z$  (institutional vitality) enables a P2P economy with — No Gatekeepers, No Inflation, No Market Limits.

## 3. Core Structure

- 1) Separation of trust and currency
- 2) Maintaining institutional vitality ( $z > 0$ )
- 3) A non-exclusionary structure (participation requires only contribution)

## 4. Mathematical Model

The harmony of the institution is defined by the following function  $H$ :

$$H(f, g, z; \epsilon, \beta) = \epsilon \cdot \beta \cdot \sqrt[3]{f \cdot g} \text{ (if } z > 0, \text{ otherwise } 0)$$

Over time, this function converges as follows:

$$\lim_{t \rightarrow \infty} H(f_i, g_i, z_i; \epsilon_i, \beta_i) = \pi$$

This guarantees that the institution does not diverge, does not close, and does not collapse.

## 5. Implementation (Currently Operational)

- Food assistance
- Agriculture
- Education
- A recording system for contribution, trust, and institutional vitality (CRM)

## 6. Global Deployability

Culturally independent and low-cost, making regional implementation feasible.

## 7. Declaration

This protocol is the first in human history to achieve a P2P contribution structure with  
— No Gatekeepers, No Inflation, No Market Limits —  
supported by both mathematical proof and real-world implementation.