

Civilization Leap: Resource Pool Meta-Rules and an Architecture of Necessity in the AGI Era

The Underlying Logic of Evolving from Selfish Competition over Existing Stocks toward Universal Benefit and Altruism

Abstract

This document establishes the foundational “Meta-Rules” of the resource-allocation system within Civilization Leap. As humanity enters the AGI era and productivity expands exponentially, traditional relations of production based on competition over existing stocks, centered on “selfishness, possession, and monopoly,” have become a constraint on sharing the benefits of intelligence universally. This architecture does not seek to change human beings' subjective moral qualities. Instead, it establishes a set of one-way translation laws of causation over the infrastructure of social resource flows, forcibly transforming rationally self-interested nodes' subjective profit-seeking motives into objectively altruistic social outcomes with substantial entropy reduction. The text systematically explains the binding of resources, contributions, and transition goals, proposes a translation network hosted parasitically on existing global data endpoints, and establishes four foundational iron laws with self-extending and defensive capabilities.

Introduction: Reshaping the Physical Laws of the Open Field

During major historical cycles in which one human civilization gives way to another, the old era's relations of production often become an absolute obstacle to the explosion of new productive forces. The emergence of artificial general intelligence (AGI) signals that humanity is about to enter an era in which the marginal cost of survival approaches zero without limit. Yet if the traditional resource-allocation logic of competition over existing stocks continues, incumbent capital and monopolistic institutions will privately capture the benefits of intelligence. Those benefits will degenerate into a hidden weapon that further widens social divisions and consolidates monopolistic advantages.

This document aims to establish an entirely new Resource Pool architecture. The design abandons inefficient moral preaching, with its attendant moral hazards, in favor of pure mechanism design. Its central position is this: rather than trying to change human nature, redesign the physical laws through which social resources flow.

The system treats human beings' subjective self-interested motives as stable physical properties that cannot be changed. Through rigorous causal mechanisms, it converts them into fuel that drives civilization's next leap. An irreversible, one-way translation core binds resources closely to contributions and anchors contributions firmly to Civilization Leap's three major goals. Ultimately, rationally self-interested actors pursuing maximum personal benefit have no choice but to conform to the new civilization's order.

I. Core Program: A Necessary Closed Loop Linking Resources, Contributions, and the Three Goals

This architecture begins by severing the natural bond between resources and “possession of existing stocks,” binding resources tightly instead to the “incremental contributions” of Civilization Leap. Resources cease to be assets permanently fragmented through privatization. They become “energy flows” that converge at particular nodes and have a strong entropy-reducing effect.

1. Core Mapping Formula

For a rationally self-interested node to gain control over this vast energy in the new cycle, its only legitimate path is to make objective contributions aligned with the three goals. We abstract this causal chain into the following physical formula.

Let R be the resource-allocation quota in the new cycle and C the effective degree of contribution verified by the core. The two exhibit a strict positive linear correlation:

[Source note: The source manuscript introduces a formula here but does not supply one.]

Here, ψ represents the translation coefficient formed by the interwoven weights of the three goals. This logic creates an ecosystem-level necessity: failure to participate in altruism means traditional capital naturally loses value and exits. Rational individuals who seek benefits must, in objective reality, do the right thing. Subjective motivation is completely removed from consideration, becoming system noise that need not be considered.

2. Operational Indicator Definitions for the Three Goals

To eliminate the risk of circular reasoning and prevent the system from degenerating into an arbitrary moral tribunal, contribution measurement is rigorously and exclusively confined to operational indicators for Civilization Leap's three goals:

Transition-goal dimension	Operational indicator definitions (logical anchors)	Defensive mechanism (preventing technical arbitrage)
Goal One: A leap in productive forces (universal access to AGI and technological benefits)	1. The actual reduction in the marginal cost of basic human survival within a region (healthcare, computing power, and basic energy); 2. The depth of exemptions through which technological achievements are unconditionally opened to basic-survival access points; 3. The frequency of decentralized calls to public algorithms and open-source computing resources.	Any “achievement” that attempts to create new monopolies through technology or artificially raise basic access barriers has its contribution value set directly to zero in the translation core.
Goal Two: A leap in relations of production (constructing a putting-others-first logic)	1. The scale of capital/asset flows through which traditional asset-owning classes transfer private resources into public sharing pools; 2. The proportion of exclusive asset ownership surrendered by vested-interest groups in exchange for the new cycle's safety dividend.	Reputation-seeking rent extraction in the name of traditional “charity” or “almsgiving” is strictly prohibited. All recognition must be premised on systematically safeguarding existing elites' assets and a dignified transition during the transition period.
Goal Three: Meaning emergence (countering civilization's spiritual nihilism)	1. The total volume of original datasets created with high information entropy and unique experiential value that large models cannot mass-produce at low cost; 2. The diversity index of networks of deep human interaction.	Any industrially replicated stream of low-quality, repetitive information intended to numb the mind fails core verification, preventing it from diluting humanity's mental and spiritual space.

II. An Architecture of Infrastructure Parasitism and Translation

Building a new order does not require destroying the remnants of the old world from scratch. Instead, through “parasitism and mapping,” it directly takes over the highly mature sector-specific credit and data infrastructure that human society has developed over centuries. We translate these old endpoints into the new civilization's “distributed sensor network.”

1. Mapping Economic and Financial Endpoints

Through standard APIs, the system directly reads global supply-chain finance data, cross-border payment flows, and financial clearing systems at sovereign nodes. When holders of traditional capital establish funds or move capital, the core does not track their nominal profit margins. It captures, in real time, actual cash flows and resource-disbursement data directed toward universally accessible basic technologies, public healthcare, and environmental entropy reduction. Their routine tax-avoidance or compliance activities are stripped of their outward embellishments and automatically translated into positive-entropy contribution points.

2. Taking Over Judicial and Property-Rights Evidence Records

Drawing on the World Intellectual Property Organization (WIPO), national patent offices, and property-registration centers, the system establishes “the openness of intellectual property and scope of exemptions” as a core verification indicator. When a key technology or underlying AGI

algorithm is registered with an authoritative property-rights institution, accompanied by legal terms granting “unconditional license exemptions to specified low-income regions or basic-survival access points,” changes recorded at the property-rights endpoint are mapped in real time to contribution credentials. To obtain privileged resource control in the new era, actors must first relinquish exclusive monopoly under the old legal framework.

3. Cleansing Academic and Technical Evaluation Systems

The system connects comprehensively to code-hosting repositories (such as GitHub), authoritative academic databases (such as SCOPUS/IEEE), and preprint platforms. Rationally self-interested nodes' tactics of hiring ghostwriters to inflate publication counts and maliciously manipulating citation counts become entirely ineffective here. The core recognizes only the open-source density of the underlying logic, along with genuine operational feedback and call frequencies showing code actually solving real civilizational crises, such as increasing energy-capture rates or reducing computing energy consumption. Technology must produce the objective fact of “physical entropy reduction” at application endpoints before the system records traceable evidence of it.

4. Physical Evidence from Modern Logistics and Supply-Chain Networks

Global shipping data, industrial Internet of Things (IoT) production data, and large multinational manufacturing ERP systems record actual physical movements of materials. Traditional capital cannot fabricate material contributions through information asymmetries or false publicity. The actual output of essential supplies and equipment, transport trajectories, and cross-regional freight-capacity allocation are, after cross-verification by multiple parties at logistics endpoints, mapped directly to contribution levels, ensuring that every resource genuinely reaches its designated target node.

III. Four Meta-Rules for Establishing the Resource Pool

Meta-Rules are the constitution and logical starting point of the entire Civilization Leap architecture. Rather than specifying particular micro-level allocation amounts, they define “rules above rules.” Their strong self-extending and tamper-resistant properties lock in the system's uncompromising direction and completely block technical circumvention and exploitation of loopholes.

Meta-Rule One: The Law of Unidirectional Polarity

The Resource Pool's translation core performs only “positive/negative polarity mapping” on all incoming sector-specific endpoint data. For any arbitrage that attempts to “first create a disaster monopoly, then make charitable donations,” or “undermine survival thresholds with one hand while repairing public trust with the other,” negative-entropy and positive-entropy data are recorded independently in separate algorithmic frames and can never offset each other. Negative-entropy behavior (raising survival thresholds and imposing technological blockades) independently triggers asset depreciation and the system circuit-breaker risk pool; positive-entropy behavior independently generates contribution verification. This rule forces capital invested by nodes operating under the old logic to maintain a purely universally beneficial polarity from the very first second.

Meta-Rule Two: The Law of Amotive Fact-Anchoring

The generation of contribution credentials is anchored solely to objective physical facts and final flow outcomes at multidimensional, sector-specific endpoints worldwide, completely excluding subjective statements, ideological labels, and prospective promises. The system conducts no moral review of subjective motivations. It captures only irreversible factual data, such as “actual receipt of cash flows at financial endpoints,” “the legal effectiveness of open-source agreements at property-rights offices,” and “actual signed receipt of universally beneficial supplies in logistics ERP systems.” Grand promises that remain at the white-paper stage are equivalent to air before the core.

Meta-Rule Three: The Law of Inverse Transparency Alignment

For power-holding nodes participating in allocation, the Resource Pool quota they receive varies directly with the node's “transparency of data open to all humanity.” The density of its opaque

operations and extent of its black-box spaces vary directly with the probability that the Resource Pool triggers a circuit breaker against it. If T denotes a power-holding node's transparency and P_{melt} denotes the system's probability of deciding to trigger a circuit breaker against that node, they satisfy the following inverse-proportional logical relationship:

[Source note: The source manuscript introduces a formula here but does not supply one.]

Participating nodes that want to mobilize vast resource energy must expose more of their core data endpoints to the translation core, surrendering hidden asset chains and supply-chain flows. The system directly converts the legitimacy of resource access into a physical exchange for the complete stripping away of hidden spaces.

Meta-Rule Four: The Law of Human Gravity & Invariant Benefit

For all positive-entropy energy converted by the Resource Pool, the final receiving endpoints must unconditionally prioritize an effortless reduction in the marginal cost of survival for all humanity, and this downward delivery channel must not be intercepted or redefined by any sovereign power, class, or intermediary institution. The benefits of intelligence reach every concrete facet of human life directly.

IV. Conclusion: The Transparency of Power and the Gravity of Civilization

When we set aside the good and evil of human nature and place the operation of power in the sunlight of extreme transparency, the translation core completes its ultimate elevation from a purely technical system to a consensus on survival shared by all humanity. Confronting a system that is extremely transparent and has already gathered the gravity of human hearts, powerful actors and incumbent monopolistic groups face the ultimate dilemma of egoism: overturning the table means resisting the absolute gravity of humanity worldwide. Once a critical point is crossed, the political and survival costs destroy them completely. Conforming to the rules, by contrast, allows them to enjoy translated honor and resources safely and legitimately in the new transition cycle.

This powerful mechanism of compulsion ultimately forces the old world's ambitious actors and rationally self-interested nodes to become the most active defenders of the rules, competing to mobilize resources to protect this machine's physical operation. Motives have dispersed into the void, while the inevitable leap of civilization has already been realized in the human world.

Appendix I: Technical Implementation Path and Transition-Evolution Map (Extension of the Proposal)

To preserve the constitutional purity of the main text's meta-rules, the architecture's technical implementation and evolution are divided into three phases:

1. Phase 1: API Sandboxes and Local Verification (1-3 Years)

- Objective: Complete a minimum viable product (MVP) for contribution verification.
- Path: Within a pilot area in a single sovereign state (such as a sovereign-level national digital sandbox) or a specific digital industry community (such as the global open-source foundation ecosystem), establish local API verification links between supply-chain finance and GitHub/national property-rights offices first.
- Mechanism: Test algorithmic convergence under the "Law of Unidirectional Polarity" on a small scale and refine the fine-tuning model for the translation coefficient ψ .

2. Phase 2: Cross-Regional Rights Confirmation and Privacy-Preserving Computation Networks (3-7 Years)

- Objective: Resolve conflicts over data sovereignty and privacy when connecting endpoints globally.
- Path: Introduce zero-knowledge proofs (ZKPs) and distributed homomorphic encryption. When submitting financial, property-rights, and logistics data to the translation core, participating nodes need not expose underlying commercial secrets; they need only provide mathematical proof of "objectively altruistic flows."
- Mechanism: Use distributed node redundancy to deploy the translation core across diverse public verification networks worldwide. Even if one node or sovereign state attempts to sever

physical connections because of a conflict of interests, the remaining redundant nodes can continue sustaining consensus across the network.

3. Phase 3: Network-Wide Ecological Gravity and System Takeover (7-15 Years)

- Objective: Force vested-interest groups from the old world to complete a wholesale switch of underlying protocols.
- Path: As the Resource Pool has reached basic-survival settings and absorbed substantial technological and financial increments, traditional financial giants and monopolistic corporations face a strategic choice: “Conforming to the rules offers certain risk avoidance; opposing them leads to exhaustion of asset liquidity.”
- Mechanism: Highly weighted nodes voluntarily surrender black-box spaces to maximize their interests, completing an ecosystem-wide shift from competition over existing stocks to universal benefit and altruism.

Appendix II: Interface with the Constitution Separating Three Powers

These Resource Pool Meta-Rules and the Constitution Separating Three Powers, another core pillar of Civilization Leap, are mutually complementary. Together, they form the new civilization's top-level framework:

- Material foundation and credit tokens: The “effective degree of contribution (C)” verified and generated by this document's translation core maps directly to the sole legitimate credit token for exercising legislative, executive, and judicial powers in the Constitution Separating Three Powers. Wealth and existing assets cannot directly purchase political power; only positive-entropy contributions translated through the Resource Pool can be exchanged for a voice in governance.
- Interlocking safeguards against “contributions buying everything”: The Constitution Separating Three Powers establishes power boundaries for the Resource Pool, preventing nodes with extremely high contributions from monopolizing its polarity-conversion formula in reverse. The Resource Pool Meta-Rules, in turn, forcibly strip governance nodes of opaque spaces through the “Law of Inverse Transparency Alignment.” The two reinforce each other, ensuring logical closure and legal coherence throughout Civilization Leap.

Reading Guide and Personalized Further Reading

P05-RESOURCE-001 | V1.0 | Early Resource Pool exploration draft

This Manuscript's Role in the System

Shows the early connection between recognition of contributions and resource provision, and why genuine contributions through market activity, professional work, fulfillment of duties in office, and public responsibility should also be recognized.

Special Note: Mainstream Social Behavior Is Not Excluded

Contribution value is not reserved for unpaid, inconspicuous, positionless, or powerless activity. It is not against markets, wealth, positions, or power. Market activity, professional work, earning income, public communication, holding office, organizational management, and responsible exercises of power during launch and transition may also create genuine contributions that can be recorded. What matters is actual value, responsibility, results, harm reduction, maintenance of shared systems, and long-term externalities. Making money, fame, office, and power are neither automatic proof of contribution nor grounds for exclusion.

Current Boundaries

Contribution value is an important foundation for resource provision, but it is not purchasing power over resources. Some formulations involving strong binding and one-way translation have been reconstructed in V2.2.

Continue Reading

Return to the foundation of value | Contribution-Value System White Paper

<https://www.civitas.top/en/documents/p05-cv-001/>

Toward the current Resource Pool master text | Civilization Leap Resource Pool: Complete Design Master Text

<https://www.civitas.top/en/documents/p05-resource-003/>

Toward legitimate decisions | Framework of Civilizational Decision Principles: A Constitution Separating Three Powers

<https://www.civitas.top/en/documents/p05-three-001/>

Enter the overall relationship | Contribution Value: Recognition of Value and the Operating Foundations of a New Civilization

<https://www.civitas.top/en/overview/contribution-resource-governance/>

Contributions differ in magnitude, not in admissibility by source. Record real value, responsibility, and consequences without prejudging by labels of wealth, fame, office, or power.