



Lightpaper | The *UNIT* Project

1. IRIAS in the XXI century

The **International Institute for Applied Systems Analysis (IRIAS)**¹ was established to address complex global systemic challenges such as **economic instability, technological fragmentation, inequality of development**, and inefficiencies in management and governance systems.

IRIAS is a supra-national research institute created in 1976 and governed by intergovernmental agreements and the 1980 Budapest Convention granting IRIAS special legal status, privileges and immunities of intergovernmental economic organizations.

IRIAS's core principles and goals are:

- **Research and development of economic planning and management**, including strategic planning, innovation management, administrative and financial management, production and marketing management, and crisis management frameworks.
- **Development of technological platforms and automated information systems**, research tools, and control systems, including diagnostic and expert systems based on structured databases.
- **International cooperation and support of investment projects**, including analysis of risks and opportunities related to integration processes within countries, industries, public and private enterprises.

In today's interconnected world, these challenges are reflected in:

- **Global financial volatility and monetary polarization**, where currencies are politicized and exposed to inflation, sanctions, and speculative pressures.
- **Fragmented economic systems**, creating barriers to cross-border trade, digital transformation, and efficient resource allocation.
- **Limited transparency and data-driven governance frameworks**, hindering effective innovation, financial management, and crisis response.
- The **urgent need for integrated information and control systems** to enable stable, adaptive, and scientifically grounded decision-making.

The **mission of IRIAS**—rooted in the development of **automated systems, scientific management methodologies**, and **strategic planning frameworks**—is to promote sustainable and coordinated global responses to such systemic problems.

2. UNIT's Mission and Alignment with IRIAS Principles

2.1 About the UNIT

¹ IRIAS history of creation: <https://mniipu.org/en/history-of-creation/>



The UNIT is a new digital monetary concept that combines the advantages of decentralized blockchain technology with the intrinsic value of gold and the historical usability of traditional currencies.

UNIT introduces a **global decentralized digital benchmark for global trade** powered by the Cardano blockchain.

The UNIT token functions as an index token and a **digital benchmark index for global trade, reserve, and measure of value**, designed to stabilize global trade and facilitate fair, transparent cross-border exchanges.

This approach allows businesses, institutions, and even governments to **rely on a digital benchmark verifiable, asset-backed digital index tokens in global trade**, bridging the gap between blockchain technology and real-world economic systems.

Together, **IRIAS and UNIT** teams aim to build a bridge between **scientific research, systemic management, and technological innovation**, fostering global cooperation for more resilient and adaptive governance systems.

The IRIAS's mission is to help UNIT's team to offer all private and public economic agents its new apolitical form of money with basic infrastructure for everyday use. **UNIT can function as a unit of measure for economic value, a standard of payment and a medium of exchange for cross-border trade and investments, as well as an efficient store of wealth.**

2.2 UNIT alignment with IRIAS's Statutory Goals

IRIAS aims to develop advanced information systems adapted to modern technological innovation. In this context, decentralized blockchain technology represents the missing link needed to fully realize its mission.

The UNIT project, through its blockchain-based token and systemic design, directly contributes to achieving IRIAS's statutory goals by operationalizing its principles in a digital, transparent, and adaptive framework.

a) Use of Decentralized Blockchain as a Core Database Technology

By leveraging a decentralized public blockchain with the UNIT fractal design, a new class of distributed information and control system emerges. This architecture ensures transparency, traceability, and security in the exchange and management of value.

In essence, **UNIT functions as a cybernetic layer of economic coordination**, implementing IRIAS's objective **to develop intelligent management and control systems** rooted in applied systems analysis.

b) Advancement of Methodological Foundations for Scientific Management and Strategic Planning

UNIT contributes to IRIAS's mission to advance research in scientific, strategic, and innovative management methodologies by:

- Establishing a new framework for monetary governance, where value is conceptually stabilized through a diversified real-asset base rather than dependent on political or speculative dynamics.



- Introducing a fractal, scalable model of monetary organization, adaptable from local to global levels while preserving systemic coherence—reflecting IRIAS’s core principle of applied systems analysis.
- Enabling evidence-based economic planning, as UNIT’s transparent and verifiable ledger provides a reliable data foundation for economic forecasting and strategic decision-making.

In this way, UNIT aligns with IRIAS’s mandate to promote the scientific management of complex socio-economic systems.

c) Innovation in Crisis and Financial Management

Among IRIAS’s stated objectives is the development of innovative systems for financial and crisis management. UNIT contributes to this goal as:

- **A tool for economic resilience**, offering a **non-political, asset-backed digital unit** that mitigates risks associated with fiat currency crises, hyperinflation, or financial isolation.
- **A neutral standard of value** for international trade and investment, reducing exposure to volatile or politically influenced currencies.
- **A platform for inclusive innovation**, fostering new models of digital commerce, **public-private collaboration**, and **sustainable financing** for development and infrastructure projects.

Through these contributions, UNIT directly supports IRIAS’s objectives in **crisis management**, **financial innovation**, and **economic stability**.

3. UNIT: Translating IRIAS’s Vision into a Global Economic System

UNIT embodies IRIAS’s **interdisciplinary and systems-oriented approach** by integrating:

- **Technology**: blockchain-based digital infrastructure and distributed systems,
- **Economics**: a real-asset-backed foundation promoting systemic efficiency, and
- **Governance**: apolitical, transparent, and scalable management mechanisms.

Building upon IRIAS’s original mission to confront global systemic challenges—such as economic instability, technological fragmentation, inequality of development, and inefficiencies in governance—**UNIT represents the practical continuation of that vision in the digital era.**

By translating IRIAS’s theoretical and institutional principles into an operational framework powered by blockchain technology, **UNIT provides a systemic solution to global financial instability and structural inefficiency**, embodying the same interdisciplinary and science-based approach that inspired IRIAS’s foundation.



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