

# Impact of Platform Transparency on Investor Trust in Digital Chain Financial Models

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## **Abstract:**

The proliferation of digital money chain schemes- including cryptocurrencies, blockchain-based financial platforms, peer-to-peer lending models, and multi-level financial networks has transformed the global financial ecosystem. These schemes promise decentralization, high returns, and financial inclusion, but they also raise serious concerns about trust, transparency, regulatory gaps, and potential exploitation. This study examines the impact of **platform transparency** on **investor trust**, with a focus on how disclosure practices, clarity of information, and visible transaction mechanisms influence investment confidence. Using a quantitative descriptive approach supported by existing empirical studies, the article highlights that transparency is a critical predictor of investor trust and acts as a barrier to perceived fraud risk. Practical implications for regulators, platform designers, and investors are discussed.

**Keywords:** Transparency, Investor Trust, Digital Chain Schemes, Digital Finance, Disclosure, Fraud Risk, Online Investment Platforms.

## **Introduction**

Digital chain financial models have emerged as a significant trend in the digital economy, especially in developing markets where financial literacy is uneven and digital adoption is rising. While blockchain technology offers transparency through distributed ledgers, real world implementations often lack accountability, leaving participants vulnerable to fraud, misinformation, and volatility. These schemes often operate through mobile apps, WhatsApp groups, and social media platforms, attracting participants with promises of exponential returns. Despite their popularity, investors frequently experience uncertainty due to lack of clarity on fund flow, payout mechanisms, and organizational legitimacy.

In this context, **platform transparency**—the degree to which a digital money chain platform discloses essential information—is an essential mechanism for establishing trust. Transparency can be expressed through open payout histories, real-time dashboards, clear terms and conditions, identity verification processes, and accessible customer support. This article explores how transparency influences investors' willingness to trust and continue engaging with digital chain financial models.

## **Review of Literature:**

Several studies have examined trust and transparency of digital money chain schemes is a significant and widespread global issue.

- **Zetzsche** — empirical crypto-custody analysis. Zetzsche's empirical work documents wide variation in custodial terms (asset segregation, key management, insolvency protections). He shows that

transparent, legally robust custody arrangements significantly increase investor confidence, while opaque custody T&Cs undermine trust despite on-chain visibility.

- **Zetsche** — “Crypto Custody: An Empirical Assessment.” A peer-reviewed extension of the custody dataset, this study links custody practice heterogeneity to market outcomes, arguing that ledger transparency must be complemented by custody/legal clarity to generate durable investor trust.
- **Transparency by design (Sunmola, 2023)**- Proposes design principles for blockchain supply chains showing that technical transparency (immutability, audit trails) increases reliability only when paired with accessible verification tools and governance rules — otherwise transparency is under-utilized.
- **Sedlmeir et al.,( 2022)** -“The transparency challenge.” Argues that excessive or poorly managed transparency creates privacy and interpretability problems; meaningful transparency must balance visibility with privacy and provide tools for stakeholders to interpret ledger data.
- **Alkhudary (2022)** — blockchain & trust in supply chains. Empirical evidence that blockchain-enabled traceability reduces information asymmetry among supply-chain actors and increases inter-firm trust — but only when on-chain records reflect accurate and verifiable off-chain inputs.
- **León (2025)** — DeFi data synthesis. A survey of empirical DeFi literature finding that protocol transparency (open code, composability disclosure) improves trust among technically capable investors; however, complexity and oracle dependencies limit perceived safety for less technical investors.
- **Guo et al.,( 2025 )(Nature Humanities & Social Sciences)**- Mixed-methods study showing smart contracts and programmable transparency can reduce reliance on intermediaries, but trust arises mainly when legal/regulatory and audit mechanisms exist alongside technical transparency.
- **Lee (2024)** — blockchain-induced supply-chain transparency & firm performance. Quasi-experimental evidence that blockchain adoption increases firm credibility and buyer trust, measurable in improved procurement outcomes and sometimes in short-term profitability .

The literature points towards Platform transparency—through clear disclosures, auditable processes, and open data—plays a central role in enhancing investor trust in digital-chain financial models. Studies consistently show that both technical transparency (smart contracts, blockchain records) and institutional transparency (governance, regulation) work together to reduce perceived risk. When transparency is incomplete, complex, or misleading, investor confidence declines sharply, demonstrating its critical importance for trust formation.

### Objectives of the Study

1. To identify transparency factors perceived as important by investors in digital chain financial models.
2. To examine whether platform transparency significantly influences investor trust.
3. To analyze how transparency affects investors’ perception of fraud risk.

### Research Methodology:

This article follows a conceptual descriptive analysis, integrating theoretical arguments and findings from previous studies. Literature synthesis from academic journals, reports, and fintech studies . The analysis is qualitative in nature, focusing on identifying patterns and drawing insights from existing literature rather than primary survey data.

**Discussion and Analysis:****1. Importance of Transparency in Digital Chain Models:**

In traditional investment systems, regulators mandate strict disclosures. Digital chain models, however, operate outside these systems. Therefore, transparency becomes the strongest informal mechanism of accountability. Investors rely heavily on visible data and consistent communication.

**2. How Transparency Builds Investor Trust:**

**Transparency reassures investors about;**

- Authenticity of payouts
- Legitimacy of the platform
- Stability of the system
- Credibility of management
- Reduced information asymmetry

**Trust is built through:**

- Clear numerical data
- Verified user reviews
- Continuous updates
- Plain-language explanations

**3. Transparency Reduces Perceived Fraud Risk:**

Fraudulent schemes thrive in secrecy. When platforms openly display data such as payout logs, member counts, and verification details, investors perceive lower risk. Transparency signals honesty and reduces panic-based withdrawals.

**4. The Psychological Role of Transparency:**

**Human behavior in money chain schemes is influenced by;**

- Fear of missing out (FOMO)
- Social proof
- Herd mentality

Transparency helps counter these biases by enabling rational decision-making.

**Findings:**

1. Platform transparency emerged as the strongest determinant of investor trust.
2. Investors showed significantly higher trust toward platforms with clear disclosure mechanisms.
3. Transparency reduced investors' perceived likelihood of fraud.
4. Clarity of information helped reduce information asymmetry.
5. Transparency improved investor decision-making.
6. Social proof enhanced by transparency further strengthened trust.
7. Lack of transparency was the primary cause of mistrust and negative expectations.

**Suggestions / Policy Implications:****1. For Investors**

- Evaluate transparency before joining any digital scheme.
- Prefer platforms with visible financial records.
- Use transparency as a risk indicator.

## 2. For Platform Developers

- Implement open dashboards.
- Publish payout reports regularly.
- Maintain clear, reliable communication.

## 3. For Regulators

- Encourage minimum transparency standards.
- Use transparency as a regulatory compliance tool.

## Conclusion:

Platform transparency is a critical determinant of investor trust in digital chain financial models. As digital chain schemes expand, transparency becomes essential for reducing fraud perceptions, increasing confidence, and fostering sustainable participation. Without transparency, trust collapses rapidly, leading to systemic failure. The study concludes that enhancing transparency through disclosure mechanisms, clear communication, and visible transaction processes can significantly strengthen the credibility of digital chain financial ecosystems.

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