

NOORCHAIN — Public Whitepaper 1.1

A Human-Centered Blockchain for Social Participation

Version 1.1 — Public Edition

Last Updated: 08.12.2025

1. Introduction

NOORCHAIN is a Swiss-based, ethical blockchain designed to recognize and validate positive human actions.

While traditional blockchains reward financial power, NOORCHAIN introduces a new paradigm: value created through *verified social participation*.

The protocol is non-financial, non-custodial and fully aligned with Swiss Legal Light guidelines.

Its objective is simple: provide a neutral, transparent and long-term digital infrastructure that institutions, educators, NGOs and communities can trust.

2. Vision

Modern digital systems often reward capital or computing power.

NOORCHAIN shifts this dynamic by recognizing human engagement as a measurable, verifiable and meaningful contribution.

Vision Statement:

To build the first global infrastructure where positive social actions create value in a transparent, ethical and verifiable way.

The protocol encourages participation, responsibility and community involvement — without speculation or financial incentives.

3. What Makes NOORCHAIN Unique

NOORCHAIN introduces several foundational innovations:

- **Proof of Signal Social (PoSS)** — A mechanism that validates real human actions.
- **Fixed Supply** — 299,792,458 NUR (no inflation, no additional minting).
- **Ethical Reward Split** — 70% to the participant, 30% to the curator (immutable).
- **Halving Every 8 Years** — A slow, predictable and durable emission schedule.
- **Non-speculative Design** — No staking yield, no APR/APY, no financial promises.
- **Institution-ready** — Built for NGOs, schools, communities and cultural institutions.

NOORCHAIN is not a financial product.

It is an institutional protocol that brings visibility to human participation.

4. The Role of PoSS (Proof of Signal Social)

PoSS is the heart of NOORCHAIN.

It transforms positive actions into verifiable on-chain signals, validated by trusted curators.

A “signal” can represent:

- participation in class
- volunteer work
- contribution to a community project
- involvement in cultural or social activities

Curators (teachers, NGOs, institutions) validate signals ethically and transparently.

Rewards are symbolic, non-financial and protocol-controlled.

5. Economic Model

NOORCHAIN follows a transparent and immutable economic model.

5.1 Fixed Supply

299,792,458 NUR — inspired by the speed of light.

No inflation. No discretionary minting.

5.2 Genesis Allocation (5/5/5/5/80)

- 5% Foundation
- 5% Development
- 5% PoSS Stimulus
- 5% Pre-sale (optional, regulated)
- 80% PoSS Reserve

Only PoSS can gradually distribute the reserve, over several decades.

5.3 No Speculation Features

NOORCHAIN does *not* provide:

- staking yield
- financial returns
- investment products
- farming mechanisms

This structure ensures strict Legal Light compatibility.

6. Curators: Guardians of Integrity

Curators are community-trusted actors:

- NGOs
- schools
- educators
- social institutions
- cultural organizations

They do not receive financial benefits.

Their role is to maintain ethical standards, validate real actions and protect the protocol from abuse.

Curators reinforce the social mission of NOORCHAIN.

7. Technology Overview

NOORCHAIN is built on:

- **Cosmos SDK** — modular, transparent, secure
- **Ethermint (EVM)** — allowing future institutional tools
- **PoSS Module** — custom, auditable and parameter-driven

The architecture is intentionally simple:

- predictable
- long-term
- auditable
- designed for low-risk institutional adoption

There is no DeFi, no custodial layer and no financial engineering.

8. Legal & Compliance Foundations

NOORCHAIN complies with the Swiss **Legal Light** framework:

- non-custodial
- no financial products
- no investment offering
- no yield or return expectation
- transparent governance
- symbolic non-financial rewards

This makes it safe for public institutions, NGOs, educational structures and communities.

9. Use Cases

Education

- participation tracking
- recognition of effort
- validation of extracurricular activities

NGOs & Humanitarian Projects

- volunteer verification
- transparent participation logs
- community engagement measurement

Communities & Municipalities

- civic engagement tracking
- cultural participation
- collaborative projects

Cultural Institutions

- event participation
- cultural engagement records

NOORCHAIN is a neutral, transparent and durable participation ledger.

10. Governance Principles

NOORCHAIN governance is designed for stability:

- **Foundation (5%)** — public good mission
- **Multi-sig Committee (3/5)** — executes decisions, no custody
- **Curators** — advisory, validation role
- **Immutable Protocol Rules** — supply, 70/30, halving, allocations

Governance is transparent, documented and strictly non-financial.

11. Long-Term Vision

NOORCHAIN aims to become a global reference for:

- digital participation records

- ethical recognition systems
- community engagement infrastructure
- transparent validation tools

Its multi-decade architecture and symbolic economic model make it a long-term institutional tool, not a speculative asset.

12. Conclusion

NOORCHAIN introduces a new category of blockchain:
a human-focused, ethical, non-financial participation protocol.

By recognizing positive actions transparently and responsibly, it offers a durable digital foundation for communities and institutions worldwide.