

NOORCHAIN — Public Whitepaper 1.1

A Human-Centered Blockchain for Social Participation

Version 1.1 — Public Edition

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Legal Disclaimer

This document is informational and describes the design and mission of NOORCHAIN. It does **not** constitute financial advice, investment guidance, a prospectus, or a solicitation.

NOORCHAIN is a **non-financial, non-custodial** blockchain protocol operating under the Swiss **Legal Light CH** framework.

1. Introduction

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

Traditional blockchains reward financial power or computational ability.

NOORCHAIN introduces a new paradigm:

Value is created through verified social participation, not financial resources.

Key characteristics:

- non-financial
- non-custodial
- transparent
- aligned with Swiss Legal Light CH
- designed for institutions, NGOs, educators, and communities

Its objective is simple:

Provide a neutral, transparent, and long-term digital infrastructure that institutions and communities can trust.

2. Vision

Most digital systems reward economic capital, attention capture, or computational resources.

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

Vision Statement

Build the first global infrastructure where positive social actions create value in an ethical, transparent, and verifiable way.

This vision encourages:

- participation
- responsibility
- community involvement
- social contribution

all **without speculation or financial incentives.**

3. What Makes NOORCHAIN Unique

NOORCHAIN introduces several foundational innovations:

- **Proof of Signal Social (PoSS)**

A protocol mechanism that validates real, positive human actions.

- **Fixed Supply — 299,792,458 NUR**

No inflation. No additional minting. Ever.

- **Immutable Ethical Reward Split — 70/30**

70% to the participant, 30% to the curator.

Permanent, protocol-encoded, non-modifiable.

- **Halving Every 8 Years**

A slow, predictable supply emission schedule designed for sustainability.

- **Non-Speculative by Design**

No staking yield, no APR/APY, no financial promises.

- **Institution-Ready**

Built for NGOs, schools, cultural institutions, municipalities, and communities.

Focused on transparency, reliability, and ethical interaction.

NOORCHAIN is **not a financial product.**

It is an institutional infrastructure designed to bring visibility and recognition to positive human participation.

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

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

A “signal” can represent:

- class participation
- volunteer work
- involvement in community projects
- engagement in cultural or social activities
- contributions to public or educational programs

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

Rewards under PoSS:

- symbolic
- non-financial
- protocol-controlled
- strictly capped by the PoSS reserve
- not tied to staking, deposit, or yield

PoSS is a **social recognition system**, not a financial incentive mechanism.

5. Economic Model

NOORCHAIN follows a transparent and immutable economic model built for public-good infrastructure.

5.1 Fixed Supply

299,792,458 NUR, inspired by the speed of light.
This supply is immutable and encoded at genesis.

No inflation.

No discretionary minting.

No token creation beyond the PoSS reserve.

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

- **5% Foundation** — governance, transparency, institutional partnerships
- **5% Development Entity (Sàrl)** — technical maintenance, R&D
- **5% PoSS Stimulus** — early support for NGOs, schools, pilots

- **5% Pre-sale (optional, regulated)** — Swiss-only, vested, if activated
- **80% PoSS Reserve** — long-term PoSS emission over several eras

These values are immutable and cannot be changed by governance.

5.3 No Speculation Features

NOORCHAIN deliberately excludes:

- staking yield
- APR/APY
- liquidity pools operated by the Foundation
- financial returns
- investment mechanisms
- farming, locking, or deposit-based rewards

This ensures strict compliance with Swiss **Legal Light CH** standards.

6. Curators: Guardians of Integrity

Curators are community-trusted entities:

- NGOs
- schools & educators
- social institutions
- cultural organizations
- associations
- community groups

Curators do **not** receive financial benefits.

Their role is ethical and mission-oriented:

- validate real human actions
- ensure fairness
- prevent misuse
- reinforce the social purpose of the protocol

Curators are central to the integrity and legitimacy of PoSS.

7. Technology Overview

NOORCHAIN is built on secure, well-established, and institution-friendly components:

- **Cosmos SDK** — modular, transparent, proven
- **Ethermint (EVM)** — enabling future compatibility with Ethereum tooling
- **Custom PoSS Module** — parameter-driven, auditable, predictable

The architecture is intentionally simple and long-term:

- predictable
- auditable
- minimal risk
- stable for institutional adoption
- free of DeFi, custodial layers, or yield engineering

NOORCHAIN aims to be a **public-good digital ledger**, not a financial system.

8. Legal & Compliance Foundations

NOORCHAIN is fully aligned with the Swiss **Legal Light CH** framework:

- **non-custodial** (no private keys, no user funds)
- **no financial products**
- **no investment offering**
- **no speculative messaging**
- **no yield, APR, APY, or financial remuneration**
- **transparent governance**
- **symbolic, protocol-based rewards**

These principles ensure safety for:

- public institutions
- NGOs
- educators
- municipalities
- community programs

The protocol is designed to operate within Switzerland's strict non-financial classification.

9. Use Cases

Education

- participation tracking
- recognition of student effort
- extracurricular validation
- transparent engagement records

NGOs & Humanitarian Projects

- volunteer verification
- transparent participation logs
- community contribution measurement

Communities & Municipalities

- civic engagement tracking
- cultural participation reporting
- collaborative project validation

Cultural Institutions

- event attendance
- cultural engagement metrics
- public program participation

NOORCHAIN acts as a **neutral, durable, transparent participation ledger**.

10. Governance Principles

NOORCHAIN governance is designed for stability, neutrality, and long-term clarity.

• Foundation (5%)

Public-good mission, transparency, compliance, documentation.

• Multi-sig Committee (3/5)

Executes governance-approved actions.

Cannot modify supply, PoSS rules, or economic invariants.

• Curators

Advisory and validation role.

No treasury control or governance authority.

• Immutable Protocol Rules

- fixed supply
- 70/30 PoSS split
- 8-year halving
- allocation percentages (5/5/5/5/80)
- Legal Light CH restrictions

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 metrics
- transparent validation tools
- non-financial public infrastructure

Its architecture — multi-era PoSS distribution, fixed supply, and institutional neutrality — makes it a **long-term digital platform**, not a speculative asset.

12. Conclusion

NOORCHAIN introduces a new category of blockchain:

A human-centered, ethical, non-financial participation protocol.

By recognizing positive actions transparently and responsibly, NOORCHAIN provides a durable foundation for communities, educators, institutions, and public organizations worldwide.

It is designed for **public good, ethical technology**, and **transparent participation** — not for speculation or financial incentives.