

1. Introduction

1.1 Purpose of this Document

This Genesis Pack defines the foundational and immutable elements of the NOORCHAIN network. It provides a transparent and verifiable reference describing the initial supply, allocation model, economic logic, governance structure, and long-term commitments embedded into the genesis block. This document is intended for institutions, partners, contributors, and the general public seeking clarity on the project's core rules and mission.

1.2 What NOORCHAIN Is

NOORCHAIN is a Social Signal Blockchain powered by the Proof of Signal Social (PoSS) mechanism. It recognizes and validates meaningful social actions through a transparent protocol where participants generate social signals and curators validate them. NOORCHAIN does **not** rely on financial incentives, speculation, or investment mechanisms. Its model is built on ethics, clarity, accountability, and long-term sustainability.

1.3 Core Principles

NOORCHAIN is built on four fundamental principles:

- **Ethics & Transparency**
All rules are public, auditable, and intentionally simple. No financial promises are made.
- **Fixed Supply**
The total supply of 299,792,458 NUR is set at genesis and cannot be increased.
- **Signal-Based Value Creation**
PoSS rewards participation and curator validation—not capital or financial yield.
- **Long-Term Vision**
The economic and governance structures are designed for stability over years, supported by an 8-year halving cycle and explicit allocation pools.

2. Genesis Overview

2.1 The Genesis Block

The genesis block defines the initial configuration of the network, including total supply, balances, governance parameters, module parameters, and protocol constants. It establishes the economic, social, and governance foundations on which all future blocks operate.

2.2 Immutable Parameters

Some parameters defined in genesis are **immutable** and cannot be changed under any circumstance:

- Total supply: **299,792,458 NUR**

- Allocation ratios: **5% / 5% / 5% / 5% / 80%**
- PoSS reward split: **70% participant / 30% curator**
- Halving period: **8 years**

2.3 Mission & Long-Term Vision

NOORCHAIN aims to create a digital ecosystem where positive actions, contributions, and verified participation have measurable value.

The project emphasizes:

- fairness
- sustainability
- transparency
- simplicity
- and non-financial utility

The long-term vision is to provide a blockchain infrastructure used for ethical, social, community-driven applications aligned with the PoSS model.

3. Token Supply

3.1 Total Supply

The total supply is fixed at:

299,792,458 NUR

This number symbolically reflects the speed of light in meters per second (299,792,458 m/s).

3.2 Fixed & Immutable

The supply cannot be increased at any time.

This design preserves scarcity, predictability, and transparency.

3.3 Halving Schedule (8 years)

The PoSS mintable supply decreases following an 8-year halving cycle.

Halving cycle example:

- Year 0 → 100% PoSS mint rate
- Year 8 → 50%
- Year 16 → 25%
- Year 24 → 12.5%
- ...until full mintable supply is exhausted

This schedule ensures gradual, long-term issuance aligned with sustainable participation.

4. Genesis Allocation (5 / 5 / 5 / 5 / 80)

The initial supply is distributed as follows:

4.1 Foundation — 5%

Allocated to the future NOOR Foundation for:

- protocol maintenance
- transparency functions
- documentation
- long-term stewardship

Funds must be held transparently (multi-sig).

4.2 Dev Pool — 5%

Allocated to NOOR Dev for:

- core development
- infrastructure
- audits
- operational continuity

Subject to vesting and public transparency.

4.3 PoSS Stimulus — 5%

A controlled reserve used to:

- bootstrap early PoSS participation
- support partners, curators, institutions
- provide incentives aligned with governance rules

Fully rule-based, non-speculative.

4.4 Optional Pre-sale — 5%

Reserved for **private, regulated, non-public, Swiss-compliant** funding rounds.

Tokens allocated here:

- must be distributed through vesting
- must be controlled via multi-sig
- cannot be used for speculation
- cannot include financial promises

4.5 PoSS Mintable Supply — 80%

This is the main long-term supply.

Minting follows the PoSS rules defined in the economic model and decreases with halving.

4.6 Transparency & Multi-sig Requirements

All institutional allocations (Foundation, Dev, Pre-sale) must be:

- multi-sig controlled
 - time-locked or vested
 - publicly documented
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5. Governance Foundations

5.1 Governance Principles

NOORCHAIN governance prioritizes transparency, simplicity, and protection against misuse.

Decisions must not violate:

- the fixed supply
- the allocation model
- the PoSS reward split
- Legal Light compliance

5.2 Parameter Governance

Adjustable parameters include:

- PoSS daily limits
- signal weights
- enable/disable PoSS
- curator validation thresholds

These can only be changed through governance.

5.3 Multi-sig Structures

A multi-sig committee oversees:

- Foundation funds
- Dev Pool
- Early institutional allocations

This prevents unilateral decision-making.

5.4 No Investment Promises

The governance charter prohibits:

- yield commitments

- interest-like returns
- speculative communication

5.5 Transparency Requirements

All governance changes must be:

- publicly disclosed
 - auditable
 - anchored in the chain or documentation
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6. Economic Model

6.1 PoSS Reward Split (70% / 30%)

Each validated signal mints a reward distributed as:

- **70% → participant**
- **30% → curator**

This split is **structural and immutable**.

6.2 Daily Limits & Anti-abuse

PoSS enforces:

- max signals/day per participant
- max validations/day per curator
- max reward/day

This protects the system from abuse and farming.

6.3 Halving Interaction

PoSS rewards naturally decrease after each 8-year halving cycle, ensuring long-term sustainability and preventing over-issuance.

6.4 Long-Term Sustainability

The economic model is designed for:

- longevity
 - fairness
 - transparency
 - non-speculation
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7. Security Foundations

7.1 Risk Mitigation

Security considerations include:

- identity consistency
- prevention of signal farming
- transparent curator actions
- governance limits

7.2 Integrity of Social Signals

PoSS only accepts signals that:

- respect daily limits
- come from legitimate actors
- are validated by approved curators

7.3 Curator Validation

Curators must follow ethical guidelines and public accountability structures.

7.4 Hard Limits

Some critical caps (supply, 70/30, halving) cannot be changed.

7.5 Legal Light Compliance

The protocol ensures:

- no financial solicitation
- no promises
- no investment mechanics
- transparent rules

8. Migration Path

8.1 Testnet → Pre-Mainnet

Test networks will validate:

- PoSS module
- parameters
- governance structure
- signal tracking logic

8.2 Pre-Mainnet → Mainnet

Pre-mainnet includes:

- final parameter tuning
- foundation setup
- institutional multi-sig activation
- public documentation release

8.3 Genesis Inclusion Process

Mainnet genesis will include:

- real addresses
- final balances
- module parameters
- governance configuration

8.4 Address Requirements

Five institutional addresses will be defined for:

- Foundation
- Dev Pool
- PoSS Stimulus
- Optional Pre-sale
- Treasury/Reserve if applicable

8.5 Updates & Versioning

Genesis Pack versions will be updated transparently.

9. Appendix

9.1 Glossary

PoSS — Proof of Signal Social

Curator — Authorized validator of social signals

Halving — Reduction of issuance every 8 years

Mintable Supply — Remaining PoSS-issuable NUR

9.2 Version History

Genesis Pack 1.1 — Public Release

Genesis Pack 1.0 — Internal Pre-release

9.3 Contact

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