

NOORCHAIN_Genesis_Parameters_1.1.md

NOORCHAIN — Genesis Parameters

Version 1.1

Last Updated: 2025-XX-XX

1. Purpose of This Document

This document defines all technical and economic parameters included at **mainnet genesis**.

It ensures full consistency between:

- core protocol configuration,
- initial PoSS parameters,
- governance and legal constraints,
- Swiss Legal Light CH compliance,
- the 5/5/5/5/80 economic allocation model.

These rules are part of the **immutable Genesis Pack**.

2. Core Chain Parameters (Cosmos / Ethermint)

2.1 Chain Identity

- **Chain Name:** noorchain
- **Chain ID:** noorchain-1

2.2 Denomination

- **Base Denom:** unur
- **Display Denom:** NUR
- **Decimals:** 18

2.3 Block Timing

- **Block Time Target:** 5s
- **Max Block Gas:** 40,000,000
- **EVM Gas Adjustment:** enabled

2.4 Governance

- **Deposit Requirement:** 10,000 NUR
- **Voting Period:** 5 days

- **Quorum:** 33%
- **Threshold:** 50% + 1
- **Veto Threshold:** 33%

3. PoSS Parameters (Genesis)

These parameters initialize the **Proof of Signal Social (PoSS)** module at genesis. They may be adjusted later by governance, except for structural invariants.

Parameter	Value
PoSSEnabled	false
BaseReward	1 unur
WeightMicroDonation	2
WeightParticipation	1
WeightContent	3
WeightCCN	4
MaxSignalsPerDay	10
MaxSignalsPerCuratorPerDay	20
MaxRewardPerDay	100 unur
HalvingPeriodYears	8
PoSSReserveDenom	unur

Structural Invariants (non-modifiable)

- PoSS reward split: **70% participant / 30% curator**
- No inflation beyond the PoSS reserve
- Total supply is fixed forever

4. Economic Parameters

- **Total Supply:** 299,792,458 NUR
- **Inflation:** 0% (permanent)

The genesis distribution applies the **5 / 5 / 5 / 5 / 80** model:

Item	Percentage	Notes
Foundation	5%	Multi-sig (3/5)
Dev Sàrl	5%	Functional allocation
PoSS Stimulus	5%	Early ecosystem incentives
Pre-Sale Pool	5%	Optional, vesting required
PoSS Reserve	80%	Mintable over decades

These values are encoded directly in genesis.json.

5. Governance Limits (Hard-Encoded)

The following limits **cannot be changed** by governance:

- Total supply
- PoSS reward split (70/30)
- Halving period (8 years)
- Genesis allocation percentages
- PoSS reserve size
- Legal Light CH restrictions
- No discretionary minting

6. EVM Genesis Configuration

- **Base Fee (EIP-1559):** 0
- **Min Gas Price:** 0
- **ChainConfig:** Ethernint default (Shanghai compatible)
- **EVM StateDB:** initialized empty

7. Staking Parameters

- **Unbonding Time:** 21 days
- **Max Validators:** 75
- **Commission Max Rate:** 100%
- **Commission Max Change:** 1% / day

- **Min Self-Delegation:** 1 NUR
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8. Summary

These parameters define the initial behavior of the NOORCHAIN network.

They guarantee:

- deterministic and predictable chain behavior,
- full compliance with Legal Light CH,
- PoSS readiness for future activation,
- clean integration between governance and economics,
- stable EVM compatibility.

Version 1.1 is valid for mainnet genesis and may only be updated through on-chain governance where allowed.