

NOORCHAIN Genesis Parameters 1.1

NOORCHAIN — Genesis Parameters

Version 1.1

Last Updated: 10.12.2025

1. Purpose of This Document

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

It ensures 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 form part of the **immutable Genesis Pack**.

In case of conflict, the **Foundation Statutes** and **Legal Architecture** documents prevail.

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 Parameters

- Deposit Requirement: 10,000 NUR
- Voting Period: 5 days
- Quorum: 33%
- Threshold: 50% + 1
- Veto Threshold: 33%

Governance cannot introduce financial mechanisms or modify Legal Light CH restrictions.

3. PoSS Parameters (Genesis)

These parameters initialize the **Proof of Signal Social** module.

They may be adjusted later by governance, except for **structural invariants**.

Parameter	Value
PoSSEnabled	false
BaseReward	1 unur (<i>non-financial social unit</i>)
WeightMicroDonation	2
WeightParticipation	1
WeightContent	3
WeightCCN	4
MaxSignalsPerDay	10
MaxSignalsPerCuratorPerDay	20
MaxRewardPerDay	100 unur (<i>non-financial social cap</i>)
HalvingPeriodYears	8
PoSSReserveDenom	unur

Structural Invariants (Non-Modifiable)

- PoSS reward split: **70% participant / 30% curator**
- Total supply is immutable
- No inflation beyond PoSS reserve
- HalvingPeriodYears is immutable

- Governance cannot mint tokens

PoSS rewards represent **validated social signals**, not financial compensation or yield.

4. Economic Parameters

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

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%	Non-financial ecosystem incentives
Pre-Sale Pool	5%	Private, regulated, vested
PoSS Reserve	80%	Released only through PoSS module

These values are encoded directly in genesis.json.

Allocation pools cannot be used as collateral or financial guarantees.

5. Governance Limits (Hard-Encoded)

Governance **cannot modify**:

- total supply
- PoSS reward split
- halving period
- genesis allocation percentages
- structure or size of the PoSS reserve
- Legal Light CH restrictions
- minting rules

6. EVM Genesis Configuration

- Base Fee (EIP-1559): 0
- Min Gas Price: 0

- ChainConfig: Ethermint 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

These parameters are technical and may be adjusted via governance, except where restricted by Legal Light CH.

8. Summary

These parameters collectively define NOORCHAIN's mainnet behavior.

They guarantee:

- deterministic and predictable chain operation,
- **non-custodial, non-financial compliance,**
- PoSS readiness for future activation,
- stable Cosmos + Ethermint integration,
- strict alignment with the Genesis Pack.

Version 1.1 is valid for **mainnet genesis** and may only be updated through governance where permitted