



# Darwinia Genepaper v5

Powering your DApp's cross-chain capabilities

Revised 2025-06

# Background

The blockchain industry continues to evolve rapidly, with a growing number of blockchain networks emerging. As advocates of a multi-chain future, we see the increasing need for DApp interoperability across these diverse ecosystems. In addressing this challenge, our focus goes beyond security to include versatility, generalizability, cost-efficiency, and programmability.

As an EVM-compatible parachain on Polkadot, Darwinia Chain leverages core infrastructure like RingDAO Msgport, Paralink, and ORMP to enable seamless interoperability between the Polkadot and EVM ecosystems. At the same time, Darwinia actively fosters the development of applications in DAO governance, AI integration, and DeFi innovation.

# Governance

Darwinia Chain is governed by RingDAO, with RING as its governance token. RING is natively issued on Darwinia Chain and is also used to pay for gas fees on the network.

For more information about RingDAO, visit <https://ringdao.com/> and <https://gov.ringdao.com/>.



RING is the governance token of Darwinia Network and can also be used for gas fees on the Darwinia Chain.

## Tokenomics

RING had an initial supply of 2 billion tokens, and its issuance turned deflationary following the approval of this [RingDAO proposal](#).

Since then, the total supply has remained just under 2.1 billion.

## Burn

Darwinia Chain adopts a token burning mechanism similar to Ethereum's EIP-1559. This system includes base fees and tips. Users can add tips to transactions to incentivize collators to prioritize them in the next block. Base fees are completely burned and represent the minimum transaction fee required for processing in a Darwinia block. RING, the token used as the base fee in Darwinia, is burned upon transaction finalization.

Additionally, fees incurred for cross-chain services such as Msgport may be converted into RING, and there is a possibility that the governance system may choose to burn these fees.