Christnode DAO — CRN Token (Christnode Reward Network Token) Whitepaper

Total Supply: 2,000,000,000 CRN

Launch Network: Polygon (mainnet only at launch; cross-chain bridge planned in roadmap)

Format: Publication-ready PDF

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1. Executive Summary

The CRN Token (Christnode Reward Network Token) is a utility and governance token designed to power the Christnode ecosystem — a faith-centered decentralized network for Christian communities, ministries, and prophetic tribes. CRN incentivizes participation, enables decentralized governance through the Christnode DAO, and facilitates a spiritual digital economy where engagement and service are tokenized.

2. Token Details

Token Name: CRN Token (Christnode Reward Network Token)

Symbol: CRN

Standard: ERC-20 (with planned cross-chain interoperability)

Total Supply: 2,000,000,000 CRN

Decimals: 18

Blockchain at Launch: Polygon (mainnet)

Primary Functions: Utility, Governance, Staking rewards, Marketplace currency

3. Core Functions

Reward Utility. Members earn CRN for participating in spiritual activities, Living Water NFT events, tribe missions, Bible study quests, and community service.

Governance. CRN holders participate in Christnode DAO governance — voting on proposals, treasury allocation, and platform upgrades.

Staking & Yield. Users stake CRN (optionally paired with LW-721 NFTs) to earn rewards and increase influence within the network.

Marketplace Utility. CRN is used for NFT minting, premium content, donations, and tribe-based services.

Cross-Chain Utility. Future cross-chain bridge (mint-and-burn) to enable movement between Polygon and other EVM chains.
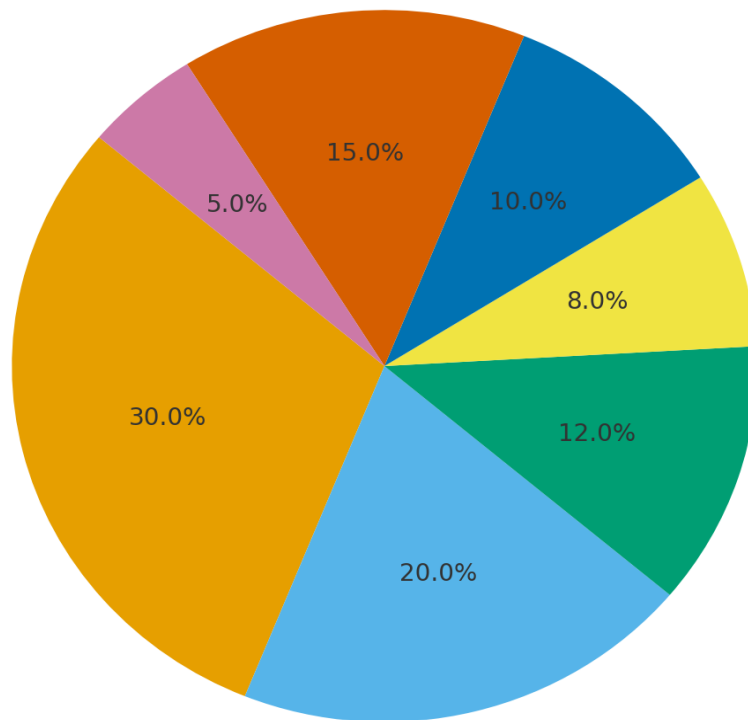
4. Tokenomics & Distribution

The following tokenomics model is a proposed, modified allocation that reflects community-first distribution while reserving resources for development and partnerships.

Category	Allocation (%)	Amount (CRN)
Community Rewards (staking, participation, NFT engagement)	30%	600,000,000
DAO Treasury (governance, grants)	20%	400,000,000
Founders & Core Team	12%	240,000,000
Strategic Partnerships	8%	160,000,000
Liquidity & Exchanges	10%	200,000,000
Staking Rewards Reserve	15%	300,000,000
Reserve (future scalability)	5%	100,000,000

Tokenomics Distribution (visual):

CRN Tokenomics (Allocation %)

5. Technical Architecture

The CRN token is an ERC-20 token deployed on Polygon. Smart contract best-practices include:

- OpenZeppelin libraries for ERC-20 implementation and role-based access control.

- Timelocks for DAO-executed treasury actions.

- Staking contracts that accept CRN and optionally pair LW-721 NFTs for boosted rewards.

- Bridge architecture (planned): mint-and-burn relayer model to enable future Polygon <-> Ethereum interoperability.

6. Governance

Christnode DAO Governance Model: - Proposal Types: Parameter changes, treasury grants, onboarding of Ministries/Tribes, protocol upgrades. - Voting Power: Weighted by staked CRN (delegation allowed). - Timelock: Approved proposals are subject to a configurable timelock before execution (e.g., 48–168 hours). - Multisig & Timelock: Core treasury controlled via multisig with DAO governance for high-value disbursements.

7. Use Cases

Use Cases: - Churches & Ministries: decentralized membership rewards, micro-donations, and governance. - Believers: earn CRN for participation and redeem for access, mentorship, and spiritual services. - Developers: integrate CRN into dApps, NFT experiences, and faith-based DeFi features. - Prophetic Communities: tribe-based reward systems and inter-tribal collaboration using LW-721 NFT seals.

8. Roadmap

Q4 2025: CRN token smart contract audit, Polygon mainnet launch, community staking beta

Q1 2026: Living Water NFT (LW-721) integration, staking rewards live, DAO portal MVP

Q2 2026: Cross-chain bridge pilot (Polygon ↔ Ethereum), partnership onboarding

Q3 2026: FaithFi suite alpha (staking pools, lending experiments), expanded tribe governance modules

Q4 2026: Global outreach & ecosystem growth, developer grants program

9. Legal & Risks

Legal & Risk Notice: This whitepaper is for informational purposes and does not constitute an offer to sell tokens or a solicitation for investment. Regulatory compliance varies across jurisdictions; Christnode DAO recommends legal review before token sales, fundraising, or on-chain governance actions. Smart contract audits, KYC/AML (where applicable), and transparent treasury reporting are recommended mitigations.

10. Biblical Inspiration

Biblical Inspiration: CRN draws symbolic inspiration from scriptural themes such as the 'Crown of Righteousness' (2 Timothy 4:8) — representing rewards for faithful service. The token aims to connect spiritual incentives with accountable, transparent digital systems.

Appendix: Smart Contract & Audit Checklist

Appendix — Smart Contract & Audit Checklist: - Use OpenZeppelin ERC-20 with well-tested libraries. - Implement pausability and role-based access control for admin functions. - Timelock for governance-executed actions. - External security audit (third-party) and bounty program. - Gas- optimized staking logic and careful handling of reward math. - Onchain metadata for LW-721 tokens and IPFS-hosted JSON for NFTs.