

Cranox AI: Proof-of-Human Protocol

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1. Vision

Cranox AI is on a mission to secure the decentralized world by enabling scalable, AI-powered **Proof-of-Humanity** (PoH). In an age dominated by AI-generated content, Sybil attacks, and bot-driven manipulation, Cranox ensures that real humans retain credibility and control in Web3 ecosystems.

2. The Problem

Web3 and crypto ecosystems are plagued by: - **Sybil attacks**: Multiple fake wallets exploit airdrops, DAOs, and governance. - **Fake engagement**: Bots distort data on social platforms and dApps. - **KYC limitations**: Centralized identity systems are invasive and exclusionary.

There is no scalable, privacy-preserving way to prove someone is a real human.

3. The Solution: Cranox Proof-of-Human Protocol

Cranox AI introduces a lightweight, AI-driven verification layer that: - Verifies humanity via behavior analysis (typing speed, voice tone, micro-movements). - Rewards verified users with \$CRNX tokens. - Allows dApps to integrate human-checks via SDK/API.

Key Features: - On-chain Proof-of-Humanity Score (PoHS) - Non-KYC identity layer - AI/ML inference in-browser - Token incentives for participation

4. Architecture Overview

- **Frontend (React + Wallet)**: Wallet connect, verification UI.
- **AI Engine (Browser-based)**: TensorFlow.js or WASM behavioral models.
- **Smart Contracts**:
 - `CranoxToken.sol` – ERC-20 token
 - `ProofOfHumanity.sol` – Verifies & stores proof data
- **Backend (Supabase)**: For off-chain metadata & analytics

Users interact with a lightweight verification flow. Once passed, their wallet is issued a PoHS score + \$CRNX reward.

5. Token Utility (\$CRNX)

- **Verification Rewards:** Distributed to users after successful proof
- **Staking:** Users and dApps can stake \$CRNX for score boosting
- **Governance:** Vote on protocol upgrades, reward models
- **Payment:** dApps pay \$CRNX to access verification layer or prevent Sybil abuse

Total Supply: 1,000,000,000 \$CRNX

Initial Allocation (v1): - Community Rewards: 40% - Ecosystem/Grants: 20% - Founders: 15% (1-year cliff, 3-year vesting) - Treasury/DAO: 15% - Advisors: 5% - Public Sale: 5%

6. Roadmap (Phase 1)

Month	Milestone
Aug '25	Lightpaper, GitHub, Twitter launch
Sep '25	MVP testnet launch (verify + token reward)
Oct '25	First grant + early partnerships (DAOs, dev tools)
Nov '25	IDO strategy + \$CRNX token TGE prep
Dec '25	TGE, CEX listing target, DAO activation

7. Long-Term Vision

Cranox AI aims to become the **decentralized human layer** of the internet: - Proof-of-Human login for every dApp - Web3-native identity layer - On-chain reputation + passport - Modular AI models (voice, bio, motion)

Real people. Real value. On-chain.