🌍 POSI (Proof of Sustainable Impact)

🔥 Core Idea

POSI is a dynamic, wallet-based impact scoring system that tracks a user's real-world contributions across SDG-aligned actions. It rewards verified sustainability, not speculation.

> Not proof-of-work. Not proof-of-stake.
This is Proof of Showing Up. Proof of Doing Good.

It anchors participation, civic activity, and regenerative behavior into on-chain records—forming the reputation layer of Web3MAP.

🧬 What It Measures

Impact Area   Examples Tracked

🌱 Environmental   Tree planting, clean-ups, low-emission behavior
🏙️ Civic/Urban   Voting, surveying, town hall participation
📚 Educational   Attending workshops, teaching others
💸 Economic Supporting local business, donations
🧠 Neurodivergent   Sharing stories, building inclusive tools
🎨 Cultural   Contributing art, music, expression

Each verified activity mints POSI points and can upgrade rNFTs or influence DAO voting.

🛠️ POSI Stack

Layer   Description

PoP   Proof of Place (GPS/ZK) for location check
Evidence   Photo, video, QR scan, Drop.me mission log
Agent Check   AI + peer review of the activity
Smart Contract   Mints POSI score + updates impact log
rNFT Update   rNFT layer evolves to show POSI growth

🧠 POSI AGENT (AI Verifier)

Your silent evaluator. The POSI Agent is a machine learning & logic layer that checks activity validity before reward:

What It Does   How

📄 Analyzes Uploaded Evidence   NLP + image recognition
📍 Verifies Context & Location   GeoJSON + PoP input
🤖 Assesses SDG Relevance   Prompt-tuned AI layer
🤝 Cross-checks with Community   DAO voting or peer signoff
✅ Approves + Triggers Smart Logic On-chain reward trigger

It can be deployed via Drop.me, mobile apps, or web3map.ai, and evolves over time to improve accuracy.

⚖️ Reward Models

POSI Tier   What You Get

Level 1: Scout Basic rNFT, local DAO read access, leaderboard entry
Level 2: Builder   Drop multipliers, DAO proposal rights
Level 3: Leader   Funding access, subdomain minting, map-layer powers
Level 4: Oracle   POSI validator role, mission design permissions

POSI also gates access to SDG quests, allows impact NFTs to evolve, and may influence EXIT+ token airdrops.

🎯 Key Benefits

Non-monetary participation gets real-world value

Allows non-crypto, non-dev, and neurodivergent users to earn reputation

Ties every SDG-related action to permanent, soulbound value

AI does the heavy lifting: trustless proof, zero micromanagement

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🔁 Ecosystem Links

Protocol	POSI Interaction Example
Drop.me	Tracks task completion and sends verification tasks
rNFTs	Updates visual layer or unlocks new functionality
GeoDAOs	Votes weighted by POSI tier
GeoNFTs	Minted only by users with enough POSI in location
EXIT+	Proof of POSI performance used in performance scoring

🔮 Future Add-ons

POSI Scoreboards by city or SDG

POSI Reputation NFTs (soulbound, upgradable)

POSI Agent AI Assistant (can suggest missions, explain badges)

IRL POSI Stations: Kiosk-style validators with photo scanner

🚀 TL;DR

> POSI = Reputation meets Regeneration
POSI Agent = Your AI witness
The higher your POSI, the more you unlock — in the game, the map, and the system.