

Project Name: GasFree

Chain: Pharos (Demo Deployment)

Track: Infrastructure / Onboarding

The Problem & Our Solution

Headline: Removing the Final “Paywall” to Web3 Mass Adoption

- The Core Problem: Gas Fees are a Barrier.
 - For New Users: The need to acquire and hold specific tokens before any interaction creates a terrible onboarding experience, blocking over 99% of potential users.
 - For Developers: It kills creativity. You cannot build products with “free trials,” “gasless airdrops,” or predictable subscription models—common features in Web2.
- Our Solution: One Line of Code to Go Gasless.
 - A Lightweight Plugin: DApp developers embed it to pay for their users' gas fees on any on-chain action.
 - Working Demo (Live on Pharos): We built a faucet where users get test tokens for free by watching a short ad. The gas is paid by our relay. This is just the first use case.
 - Universal Application: The same mechanism works for gasless transactions, airdrop claims, NFT mints, and prediction market entries.

How It Works & Why It Matters

Headline: Flexible, Neutral Infrastructure

- Simple Technical Flow: User DApp → GasFree Plugin (Requests Sponsorship) → Relay Server (Signs & Pays Gas) → Blockchain (Tx Confirmed) → User DApp (Action Complete)(Smart contracts handle logic; relays handle payment; plugin delivers a seamless UX.)
- Key Value Proposition:
 1. For Users: Frictionless first step. Connect your wallet and interact. No need to understand gas or hold native tokens.
 2. For Developers: A powerful growth lever. Design user-friendly campaigns and new business models around “gas-free” experiences.
 3. For Partner Chains (e.g., Conflux/Pharos): GasFree acts as a powerful user acquisition engine. It significantly improves developer appeal and user experience, making the ecosystem more competitive and vibrant.

Sustainable Model & Vision

Headline: Building a Positive-Sum Economic Flywheel

- Why It's Not Just a Subsidy: We designed a multi-sided, sustainable economic loop critical for long-term success.
- The Economic Flywheel (Core):
text[More DApps Integrate]

- ↓
- [Mass Influx of End-Users]
- ↓
- [Generates Gas Demand & Attention Value]
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- [Revenue Funds Network & Incentives] → [Better Service & Growth] → (Flywheel Repeats)

- Revenue Streams: Minimal service fees from DApps; compliant ad/attention markets; future fees from a decentralized relay network.
- Cost Coverage: Revenue covers network gas costs and rewards participants.
- Roadmap:
 - Now (Hackathon Deliverable): Live demo on Pharos Testnet, open-source code.
 - Next 3 Months: Launch multi-chain SDK (Conflux eSpace first), release developer dashboard.
 - Future Vision: Decentralize the relay network. Become the default “gas pipe” for seamless Web3.