

GHOST YIELD

TURNING "DEAD" COMPUTE INTO REVENUE

ETH Global HackMoney 2026

Uniswap v4 × Yellow × Arc

THE CRISIS

"L2s are bleeding."

- **No Users** = Zero Revenue
- **Fixed Costs** (Sequencers, Nodes) remain monthly
- **Result:** Chains die before finding Product-Market Fit

THE OPPORTUNITY

"Idle Compute is an Asset."

- Low activity chains offer **Record Low Fees**
- We tokenize this capacity into **Compute Tokens (CPT)**
- We arbitrage it for stable profit

GHOST YIELD CREATES A MARKET WHERE:

1. **L2s** mint idle capacity as **Compute Tokens (CPT)**.
2. **Uniswap v4** prices CPT dynamically based on utilization.
3. **Bots** arbitrage price gaps across chains via **Yellow**.
4. **Profits** are settled in **USDC** via **Arc** to fund L2 ops.

“ Don't just scale Ethereum. **Survive.** ”

1. PRICE

Uniswap v4

CPT / USDC Pools

Dynamic fees via Hooks adjust spread/fees based on L2 utilization signals.

2. EXECUTE

Yellow Network

State Channels

Gasless, high-frequency arbitrage sessions between liquidity pools.

3. SETTLE

Arc + Circle

USDC Vaults

Real revenue settled in stablecoins to cover operational expenses.

TOKEN FLOW ARCHITECTURE



WHY TOKENIZE COMPUTE?

From "Cloud" to "Commodity"

Just like oil or wheat, **blockspace** is a resource.
Standardizing it as **CPT (1M Gas Units)** enables:

- **For Devs:** Pre-purchase budget (Hedging)
- **For Traders:** Short/Long congestion
- **For L2s:** Monetize empty blocks immediately

THE TECH STACK (HACKMONEY STACK)

Component	Technology	Role
Pricing	Uniswap v4 Hooks	Adjusts spread/fees based on real-time chain utilization.
Execution	Yellow SDK	Off-chain "Sessions" for 1000x faster, gas-free arbitrage.
Settlement	Arc + CCTP	Cross-chain USDC finality to consolidate revenue.
Targets	Base / WorldCoin	Deploying CPT contracts on sepolia testnets.

DEMO SCENARIO

1. **Base Sepolia** gets busy (High Usage) → **CPT ↑ Price Up**
2. **WorldCoin** is empty (Low Usage) → **CPT ↓ Price Down**
3. **Yellow Bot** detects gap & executes arb cycle
4. **USDC Profit** lands in the Operator Vault

IMPACT

FOR L2 OPERATORS

- **Immediate Revenue** from idle hardware.
- Extends runway during "Zombie" phases.
- Turns fixed costs into variable assets.

IMPACT

FOR ETHEREUM

- Prevents L2 centralization/death.
- Creates a decentralized compute market.
- **Values Diversity** over raw throughput.

THANK YOU