Brief 013 - VoidAI (Subnet 106)

Supporting information / resources:

Mission

Unlock seamless, trust-minimized interoperability for the entire Bittensor token stack—native TAO and every subnet-specific **Alpha**—so that any DeFi application on Solana, Ethereum, Base, Optimism, Artbitrum One, Sonic, BNB chain or another Chainlink-CCIP network can plug in Bittensor assets with one line of smart-contract code.

What We've Announced

Date	Key Update	Impact
15 Jul 2025 (Tweet ID 1935365784861041129)	Confirmed CCIP-powered bridge for TAO & Alpha	One contract → multi-chain reach; no bespoke bridge maintenance
19 Jul 2025 (Tweet ID 1938231578108305481)	Revealed revenue streams and treasury strategies	More wSN106 and wTAO/USDC depth on Solana, Ethereum, Base, Optimism, Arbitrium One, Sonic, BNB chain > lower slippage

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Core Architecture

1. **Cross-Chain Bridge** – CCIP oracles sign every lock/mint so transfers are atomic and censorship-resistant.

2. **Wrapped Assets** – wTAO / wALPHA SPL on Solana, wTAO / wALPHA ERC-20 on any CCIP EVM chain.

3. **SN106 Subnet** – Validators verify liquidity (LP) deposits are genuine across all chains; miners earn 41 % of SN106 emissions for proven liquidity.

4. **On-Chain Treasury** – 100 % of bridge, trading, staking, and validator fees flow here. Contracts auto-buy SN106 and TAO/USDC then deploy tokens straight into liquidity pools—never burned—for maximum market depth. Treasury wallets are publicly viewable.

Examples of the chains that Alpha Tokens can be bridged to

- Solana,
- Ethereum,
- Base,
- Optimism,
- Artbitrum One,
- Sonic,
- BNB chain
- Any other Chainlink-CCIP network

Governance

- **Subnet-by-Subnet Voting:** To list a new subnet, a dedicated voting contract is spun up.

- **Locked wSN106:** Holders deposit tokens for the duration of the vote; voting weight equals tokens locked.

- **Post-Vote Unlock:** Deposits auto-return after the voting window, ensuring no permanent lock-ups.

- **Community-driven growth:** Governed by the community while preventing permanent lock-ups.

Plug and play for existing DeFi apps (Composable Liquidity Layer)

- Bittensor tokens finally meet the full DeFi stack (legos) across any CCIP chain

- One set of contracts → unlimited integrations.

- Wrapped assets (**wTAO, wALPHA**) plug directly into existing DeFi primitives—DEXs, lending, yield aggregators—without custom code.

- ○ Alpha tokens will be traded on Raydium on Solana, Uniswap v4 on Ethereum, Areodome on Base

- Developers integrate once with VoidAI's audited contracts and instantly support TAO/Alpha across multiple chains.

Liquidity & Incentives

- **Emissions:** 5 α per block → 41 % miners, 41 % validators, 18 % treasury.

- **Scaling Rule:** Fixed miner pool is re-balanced across *all* chains and subnets in proportion to each pool's activity, so every new market is bootstrapped without raising total emissions.

- **Buyback-to-Pool Loop:** Fees → auto-buy SN106 and TAO/USDC → add to wSN106 and wTAO/USDC depth on every supported chain → lower slippage → more volume → more fees.

Dual-Pool Treasury Flywheel

- **50 % of all profits** deepen wTAO/USDC pools on every supported chain—lower slippage, bigger trades.

- **50 % auto-buy SN106** and add it to wSN106 pools—growing market depth instead of burning tokens.

- Treasury wallets are on-chain and fully transparent; buybacks are automated.

- Fees → auto-buy SN106 and TAO/USDC → add to wSN106 and wTAO/USDC depth on every supported chain → lower slippage → more volume → more fees.

Roadmap (H2 2025 – Q1 2026)

1. **v2 Live:** TAO/Alpha ↔ Solana bridge (DONE).

2. **v3 Q3 2025:** CCIP expansion to Ethereum, Base, Polygon, BNB, etc.

3. **Q3 2025:** SN106 goes live with emissions open to public LPs across chains.

4. **Q4 2025:** lending platform built on top of Aave v4 as a spoke which focuses on the Bittensor ecosystem

5. **Q1 2026:** Subnet incubation infrastructure

Why Chainlink Cross-Chain Interoperability Protocol (CCIP)

● Decentralized multi-oracle security

● Atomic message delivery—no half-complete transfers

● Plug-and-play support for every future EVM chain

● Standard API means any DeFi project can add TAO/Alpha in hours, not weeks.

● Public dashboards track treasury inflows, buybacks, and liquidity deployments in real time.

● No bespoke bridges or centralized custodians are required.

Immediate Next Steps

● **Start audit** (will start once the subnet goes live).

● **Once the subnet launches, we will spin up the first liquidity-voting contracts** for top 10 alpha tokens first, e.g, pools for wTAO/wSN1, etc, since the only supported pools will be wTAO/USDC, wTAO/SOL, wTAO/ETH

● **Publish buyback-contract address** and live dashboard for on-chain treasury flows.

Contact

● **X (Twitter):** [@v0idai](https://twitter.com/v0idai)

● **Docs:** docs.voidai.com

● **Telegram:** t.me/v0idai

Chart: https://taostats.io/subnets/106/chart