$TOTAL

The Macro Index Token of Crypto

The first synthetic token tracking total crypto market capitalization. Simplifying crypto exposure into a single, composable token.

Permissionless • Passive • Powerful

July 29, 2025

The Market Gap

The cryptocurrency market is a sprawling ecosystem with thousands of distinct assets, each with its own technology, community, and risk profile. This fragmentation creates a high-volatility environment where investors must navigate complex landscapes to gain exposure to the market as a whole.

Retail User Challenges

Confronted with a difficult choice: established assets with lower growth potential, speculative altcoins with risk, or stablecoins with no market upside

Complexity and knowledge required to build diversified portfolios are significant barriers

Lack a simple, passive instrument that captures market beta without asset-specific risk

Institutional Demands

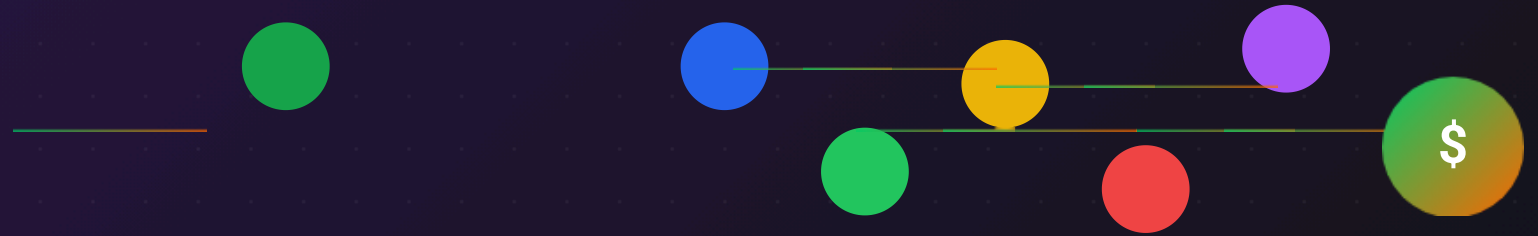Seek regulated, transparent investment vehicles with broad market exposure

Face significant custody challenges and a confusing patchwork of regulations

Looking beyond Bitcoin and Ethereum for diversification solutions

Need clean, macro-level exposure to mitigate asset-specific risk

"There is no native on-chain index that tracks the total crypto market cap — until now."

The $TOTAL Solution

$TOTAL is a synthetic ERC-20 token that tracks the total cryptocurrency market capitalization, providing permissionless, passive exposure to the macro direction of crypto through a simple, composable instrument.

Abstracts Complexity

Eliminates the need to research and select individual assets, capturing market beta without asset-specific risk

Permissionless Exposure

Simple minting and burning process allows users to gain exposure to the entire crypto market with just USDC

Composable Foundation

Acts as a building block for both retail and institutional use cases, from passive exposure to complex DeFi applications

"Not hype. Not narrative. Just market beta."

Token Mechanism: How It Works

$TOTAL is a synthetic ERC-20 token with a straightforward, transparent mechanism that maintains a peg to the total cryptocurrency market capitalization through USDC backing.

Minting Process

1. Deposit USDC
User sends USDC to the $TOTAL smart contract

2. Oracle Price Fetch
Contract queries a trusted oracle for total market cap

3. Token Minting
Contract calculates and mints appropriate number of $TOTAL tokens

4. Fee Collection
Small minting fee (0.05%) deducted and retained by protocol

Burning Process

1. Send $TOTAL
User sends $TOTAL tokens back to the smart contract

2. Verification and Burn
Contract verifies and permanently removes tokens from circulation

3. Return USDC
Contract returns equivalent value in USDC based on current market cap

4. Fee Application
Small burn fee applied to support protocol operations

Key Features

Fully backed by USDC for stability

Permissionless operation

Maintains 1:1 peg to market cap

Simple, transparent execution

Minting Process

The creation of new $TOTAL tokens is a permissionless process initiated by the user, designed for simplicity and transparency. The process uses a straightforward formula based on real-time market data.

1. Deposit USDC
User sends USDC to the $TOTAL smart contract

2. Oracle Price Fetch
Contract queries trusted oracle for total crypto market cap

3. Token Calculation
Protocol calculates $TOTAL value based on market cap

4. Token Minting
Contract mints appropriate number of tokens for the user

5. Fee Collection
Small minting fee (0.05%) retained by protocol

Example Calculation

Total crypto market cap: $2.5 trillion

Token supply base: 1 billion tokens

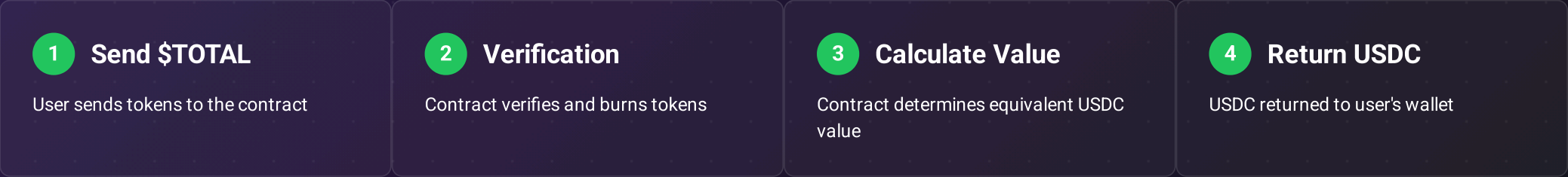Price per token: $2.50

User deposits: $2,500

Tokens minted: ~995 tokens (after 0.05% fee)

~995
TOKENS

Redemption Process

The redemption process allows users to burn $TOTAL tokens and receive equivalent USDC based on the current market cap valuation.

1 **Send $TOTAL**

User sends tokens to the contract

2 **Verification**

Contract verifies and burns tokens

3 **Calculate Value**

Contract determines equivalent USDC value

4 **Return USDC**

USDC returned to user's wallet

Fee Structure

A small **burn fee** is applied to support protocol operations.

0.05%

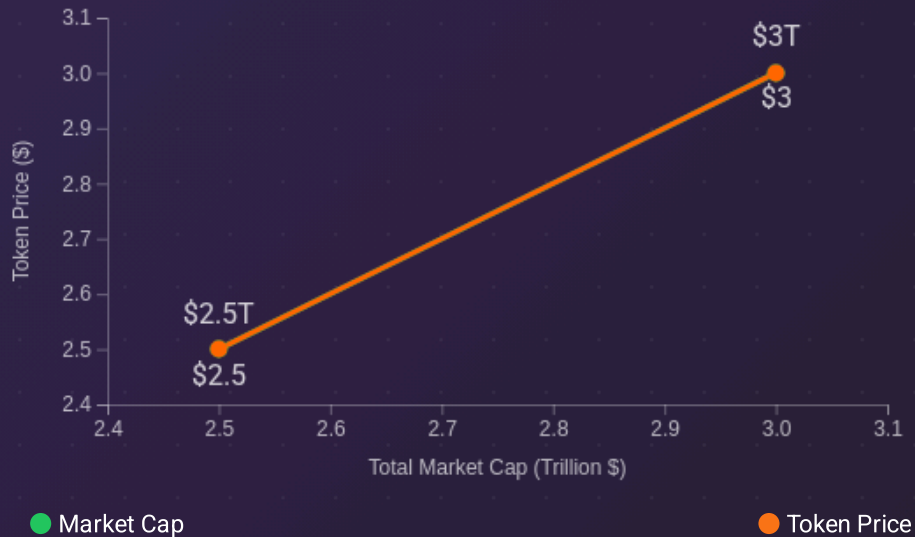## Example Calculation

Market Cap	Token Supply	Token Price
$2.5T	**1B tokens**	**$2.50**

Burning 1,000 $TOTAL tokens at $2.50 each returns ~$2,500 USDC after fee.

Practical Example: Price Mechanics

$TOTAL's price is directly tied to the total crypto market cap. As the market grows, so does the value of each token.

Price Relationship

● Market Cap   ● Token Price

How It Works

1 Initial State

Total market cap: **$2.5T**
Circulating supply: **1B tokens**
Token price: **$2.50**

2 Market Growth

Total market cap rises to **$3.0T**

3 Price Adjustment

Token price increases to **$3.00**

4 Profit for Holders

Token holders profit from the increase in token value

Key Insight
The value of $TOTAL tokens increases with the total crypto market value, allowing holders to capture market-wide growth without exposure to individual asset volatility.

Tokenomics & Sustainability Model

$TOTAL's economic framework is designed for simplicity, stability, and direct utility, focusing on creating a sustainable instrument that tracks the total crypto market cap.

Token Specifications

Backing: Fully backed by USDC for collateralized value

Mechanism: Elastic mint/burn system pegged to total crypto market cap

Fees: Optional protocol fee of 0.05% on mint/burn transactions

Governance Structure

Initial Control: Founder-controlled for agile development and rapid iteration during v1 launch

Future Decentralization: Roadmap includes potential transition to a Decentralized Autonomous Organization (DAO)

Community Governance: Future DAO would empower $TOTAL holders to govern protocol and manage key parameters

Value Proposition

Non-emissive: No scheduled token rewards or yield farming incentives to prevent inflation

Utility-based: Value derived purely from its function as a composable, passive macro-bet

Sustainable: Designed as foundational infrastructure, not as a speculative, narrative-driven asset

Fee Mechanism

Example: $100 deposit | 100% | 0.05%

User Deposit | Protocol Fee (0.05%)

Value Proposition: No Emissions

Unlike many crypto assets that rely on inflationary emissions or speculative narratives, $TOTAL is designed as a non-emissive instrument. Its value comes purely from its utility as a composable, passive macro-bet on the entire crypto market.

Traditional Token Economics

Value

Time

$TOTAL: Utility-Based Value

Value

Time

No Inflationary Emissions

Value erodes over time
No scheduled token rewards
Speculative narratives drive short-term value
No yield farming incentives

No inflation to maintain value

Sustainable Value Model

Value grows with utility and adoption
Value tied to composable utility
Foundation for DeFi infrastructure
Growth through market adoption

Foundation for DeFi building blocks

Permissionless, passive market exposure

"Value comes from utility, not inflation."

Governance Evolution

$TOTAL's governance model is designed for stability during its growth phase, with a clear path toward community-driven decentralization.

● Current: Founder-Controlled

Agile Development
Founder control enables rapid iteration during the critical v1 launch phase

Decisive Leadership
Single point of decision-making for quick market response

Market Adoption Focus
Focused governance structure during initial market adoption

● Future: Potential DAO

Community Governance
Empower $TOTAL holders to participate in protocol governance

Proposal Voting
Community voting on key protocol upgrades and parameters

Parameter Management
Community control over fees, oracle sources, and other key parameters

User Alignment
Align protocol evolution with the interests of its users

Use Cases for Retail Investors

$TOTAL simplifies crypto exposure into a single, composable token that captures the performance of the entire market without the complexity of individual asset selection.

Passive Crypto Exposure

For individuals new to crypto or seeking a "set-and-forget" strategy, $TOTAL offers a straightforward way to invest in the entire market without researching individual assets.

Simplified Diversification

Instead of managing a complex portfolio of numerous cryptocurrencies, investors can hold $TOTAL to achieve instant diversification across the entire market.

Capture Market Beta

$TOTAL allows retail users to capture the overall growth trend, or "beta," of the crypto economy, smoothing out volatility associated with individual assets.

With $TOTAL, retail users can invest in the macro direction of crypto without the knowledge barriers and risks of picking individual assets.

Institutional Applications

Institutional investors seek regulated, transparent investment vehicles that provide broad market exposure while mitigating asset-specific risk. $TOTAL offers several applications that address these needs.

Hedge Instrument

Institutional investors can short $TOTAL or use derivatives to protect portfolios against market-wide downturns, isolating exposure to specific asset performance (alpha).

Portfolio Simplification

Instead of managing complex portfolios of volatile cryptocurrencies, institutions can hold $TOTAL to achieve instant diversification across the entire market, capturing only the overall growth trend (beta).

Macro Correlation

$TOTAL provides a clean, direct exposure to the overall direction of the crypto market, avoiding noise and asset-specific risks associated with trading individual coins.

Regulatory Compliance

Addresses the "confusing patchwork of regulations" that creates legal and operational hurdles for institutional investors. Provides a regulated entry point similar to spot Bitcoin ETFs, but with macro-level exposure.
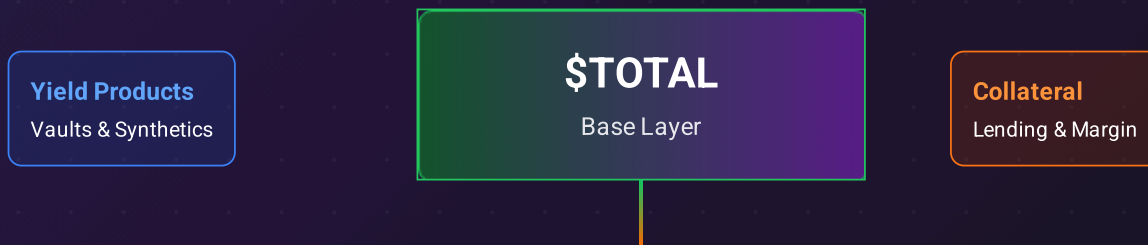
Foundation for DeFi

Serves as a stable, diversified base layer for institutional DeFi applications. Due to its lower idiosyncratic risk compared to individual cryptocurrencies, $TOTAL can be used as collateral for lending and margin protocols.

"Research indicates that institutions are looking beyond Bitcoin and Ethereum, with a growing interest in 'funds that are tracked to crypto' to achieve diversification."

DeFi Integration Opportunities

$TOTAL serves as a composable base layer for DeFi, enabling innovative financial products and protocols due to its unique properties.

Yield Products
Vaults & Synthetics

$TOTAL
Base Layer

Collateral
Lending & Margin

Base Layer for Yield Products

● **Yield-Generating Vaults**

Use $TOTAL as the underlying asset for vaults that generate returns based on market performance plus yield farming.

● **Leveraged Tokens**

Create synthetic assets like 2x TOTAL that track the crypto market cap with leverage.

● **Composable Building Blocks**

Enable developers to build structured products on top of $TOTAL, combining it with other DeFi primitives.

Collateral for Lending & Margin

● **Diversified Stability**

Abstract away the volatility of individual cryptocurrencies with $TOTAL's diversified exposure.

● **Lending Platforms**

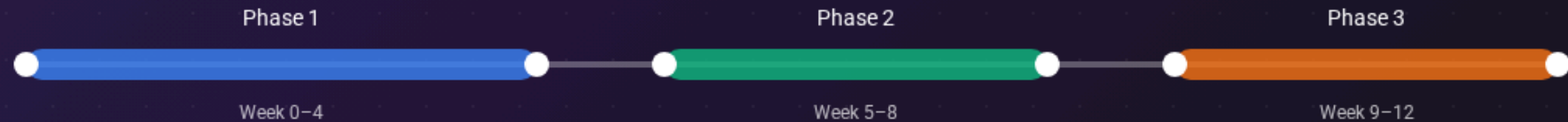Accept $TOTAL as collateral for loans, enabling users to access capital without risking their crypto holdings.

● **Margin Protocols**

Allow traders to use $TOTAL to back their positions, potentially offering higher collateralization ratios due to lower idiosyncratic risk.

Roadmap: V1 Launch

The v1 launch is planned in three distinct phases, spanning a 12-week timeline. This approach allows for iterative development, testing, and security auditing before a full-scale mainnet deployment.

Phase 1 — Week 0–4
Phase 2 — Week 5–8
Phase 3 — Week 9–12

Phase 1

Week 0–4

- Manual oracle implementation
- Smart contract MVP
- Initial mint/burn functionality

Phase 2

Week 5–8

- Frontend development
- Testnet deployment
- Token audit
- User testing

Phase 3

Week 9–12

- Mainnet deploy
- Liquidity incentives
- Automated oracle integration
- Community launch

Key Milestone: Full transition to automated oracle network after mainnet launch

Long-term Vision

$TOTAL exists to transform the crypto landscape, turning "crypto itself" into a singular, investable asset class that can be traded, analyzed, and integrated into traditional financial models.

Fragmented Market — $TOTAL Infrastructure — Unified Asset Class

Abstract Complexity

Transform thousands of individual assets with unique narratives into a single, investable asset class that represents the market as a whole.

Market Beta Indicator

Create a benchmark asset that provides a clear indicator of market beta and reliable tool for macro-level financial analysis, similar to the S&P 500.

Foundational Infrastructure

Build robust infrastructure that enables sophisticated DeFi products, portfolio management, and hedging strategies without narrative-driven speculation.

Institutional Adoption

Create a pathway for mainstream adoption by large financial institutions, transforming crypto from speculative assets to legitimate investment vehicles.

"$TOTAL is not a hype pump coin. It's infrastructure — built from the ground up to solve the fundamental problem of market exposure in crypto."

Join the **Revolution**

Help transform crypto from a fragmented category into a singular, investable asset class — building the foundational infrastructure for the next generation of crypto finance.

Investors

Gain exposure to the entire crypto market with a single, composable token. Use $TOTAL as a foundation for your DeFi strategies or as a clean macro hedge.

Get Early Access

Developers

Build on a native index token with simple, transparent oracle-based mechanics. Create the next generation of DeFi applications with $TOTAL as a core primitive.

Documentation

Partners

Integrate $TOTAL into your ecosystem to provide institutional-grade exposure to the crypto market. Connect with our growing community of like-minded builders.

Partnership Inquiry

Next Steps

Follow our launch roadmap

Join our community

Sign up for early access

Stay informed via our blog

"This is infrastructure — built by one founder, from the ground up."