

CHRYsus

WHITEPAPER



Trustless Gold pegged, asset backed stablecoin
Leveraging proven DeFi best practices

Version 1.1.1

Executive Summary

Chrysus: Setting a new DeFi Gold Standard

Chrysus unveils an innovative DeFi ecosystem anchored by the Chrysus Gold Coin (CHAU)—a trustless, gold-pegged stablecoin crafted to provide stability in the ever-evolving cryptocurrency market. CHAU combines the enduring value of gold with the transparency and technological advancements of decentralized finance, offering a secure, efficient, and scalable investment solution. Drawing inspiration from successful DeFi protocols like Maker and Synthetix, Chrysus refines and elevates these models to deliver unparalleled stability, utility, and investor confidence.

CHAU - The Gold Pegged Stablecoin

- A hedge against fiat inflation while offering greater utility than physical gold.
- Easily divisible, usable for e-commerce, interest-earning loans, and exchangeable to other cryptocurrencies.
- Trustless and secure: Backed by liquid assets and secured in vaults for complete transparency.
- Gold-linked stability: Maintains close parity with gold's value, ensuring consistent and predictable returns.
- Over-collateralized assurance: Provides enhanced investor protection with a robust collateral framework.

Unleash Growth with CHAU Minting

- Dynamic collateral optimization: Adjusts ratios to maintain a balance between security and efficiency.
- Earn returns by leveraging the price dynamics between gold and crypto
- GOV rewards and fee-based income: Mint CHAU to access additional revenue streams from the ecosystem.

GOV: The power of Decentralized Governance

- Community-driven growth: Decentralized governance ensures decisions align with ecosystem sustainability through voting and decision-making with staked tokens.
- Tradable on CEX, GOV can be purchased during the pre-sale and public sale or earned as rewards by minters.

By integrating the timeless reliability of gold with the transformative capabilities of decentralized finance, Chrysus sets a new standard for gold investments. With the CHAU stablecoin, CHAU minting opportunities, and GOV governance rewards, Chrysus empowers modern investors and fosters a dynamic, community-led financial ecosystem.

Introduction

1. Introduction

Gold has long been recognized as a reliable “**safe-haven**” asset, prized for its stability during periods of economic uncertainty. Similarly, in the cryptocurrency space, stablecoins aim to provide stability by pegging their value to fiat currencies such as the US Dollar (USD). However, fiat-pegged stablecoins are inherently vulnerable to inflation, which erodes their purchasing power over time.

Chrysus offers a groundbreaking solution: a gold-pegged stablecoin (XAU/USD) built on a fully decentralized, asset-backed model. This innovative approach delivers an inflation-resistant digital asset, enabling investors to benefit from gold's stability while also offering opportunities to take strategic positions against gold versus crypto price dynamics. Chrysus bridges the gap between traditional finance and decentralized finance (DeFi), providing a secure and versatile investment solution for the modern financial landscape.

Problem Statements

Challenges in Gold Investment

- High transaction and storage costs for gold investments.
- Traditional gold holdings fail to provide yield or regular income.
- Processing gold trades can be slow and inefficient.
- High minimum investment thresholds exclude many potential investors.

Challenges with Current Stablecoins

- Fiat-Pegged stablecoins are exposed inflationary pressures and diminishing long-term value.
- Stablecoins backed by real-world assets are susceptible to market volatility and auditing risks.

The Chrysus Opportunity

These challenges highlight a gap in the market for a trustless, decentralized, and asset-backed stablecoin ecosystem. Such a system would cater to investors seeking:

- A reliable store of value
- Protection against inflation
- Opportunities to generate returns
- Fast and safe transactions

Project Chrysus bridges these gaps with CHAU, a fully decentralized, gold-pegged stablecoin that enables investment in a secure, asset-backed digital commodity. CHAU not only provides a reliable safe-haven asset but also offers returns for minters through gold and crypto price dynamics. Complementing this is GOV, the platform's governance token.

Chrysus Eco-System

2. Chrysus Eco-System

The Chrysus ecosystem is designed to be a fully decentralized and trustless financial platform centered around CHAU, a stablecoin pegged to gold (XAU/USD), and backed by over-collateralized crypt assets secured in vaults with investment return opportunities for CHAU minters. GOV, the governance token, facilitates community-driven decision-making and rewards users who mint CHAU. By leveraging proven DeFi principles, Chrysus delivers a secure, transparent, and efficient platform, offering a gold-pegged asset as its foundation.

CHAU - The Gold Pegged Stablecoin

A decentralized, gold-pegged digital asset (CHAU) designed to minimize price volatility, offering users a secure and reliable store of value in the crypto space. CHAU combines the stability of gold with the flexibility of digital assets, featuring added utility such as divisibility, seamless e-commerce transactions, interest-earning loans, and the ability to swap with other cryptocurrencies.

Cash Flow Generation for CHAU Minters

Cutting-edge DeFi mechanisms modelled on successful DeFi projects such as Maker and Synthetix with conditional cash flows generation rewards in CHAU and GOV.

GOV, Chrysus Governance Token

Decentralized governance DAO where GOV holders actively participate in voting and decision-making, ensuring the project's development aligns with the community's interests, with capital appreciation potential similar to MKR

Chrysus Eco-System

The Chrysus ecosystem is designed with scalability in mind and plans to incorporate additional features, such as lending and borrowing Services and eCommerce integration, Chrysus aims to establish itself as a comprehensive and innovative platform, bridging traditional and decentralized finance.

CHAU Gold Pegged Stablecoin

3. CHAU - Gold Pegged Stablecoin

Project Chrysus introduces CHAU, the "God of Gold," as a groundbreaking digital commodity asset pegged to the price of gold (XAU/USD). This innovative approach positions CHAU as a secure and decentralized digital representation of one of the world's most trusted and valuable assets. Backed by tokenized gold, CHAU provides unparalleled stability, instilling user confidence in its value and setting it apart from traditional fiat-pegged stablecoins.

CHAU is an over-collateralized, gold-pegged safe-haven asset, engineered to deliver consistent stability during economic turbulence while offering robust protection against inflation. Built on a fully decentralized and asset-backed framework, CHAU combines the historical reliability of gold with the cutting-edge efficiency of decentralized finance (DeFi).

Key Features of CHAU

- **Trustless and Asset-Backed:** A stablecoin over-collateralized and secured by crypto stored in vaults, pegged to the XAU/USD price.
- **Gold-Linked Stability:** Mirrors the price of gold, providing a reliable and stable digital store of value.
- **Efficient Investment Opportunities:** Offers gold investors low-cost entry and exit points with high liquidity.
- **Inflation Resistance:** Serves as a stable, inflation-proof asset for cryptocurrency users and investors.
- **Decentralized Pegging Mechanism:** Inspired by DeFi pioneers such as Maker and Synthetix, ensuring consistent value alignment with gold.
- **Arbitrage Potential:** Enables profitable trading opportunities between gold and CHAU, enhancing market efficiency.
- **Trade Accessibility:** Tradable directly on the Chrysus platform, with planned listings on both centralized (CEX) and decentralized (DEX) exchanges to maximize market reach and liquidity.

CHAU combines the timeless trust of gold with decentralized innovation, creating a stable, efficient, and inflation-resistant asset designed for the modern financial landscape.

CHAU Minting

4. CHAU Minting, Redefining Stablecoins with Cash Flow Generation

Project Chrysus goes beyond the passive functionality of traditional stablecoins, empowering users to generate cash flows. Participants in CHAU minting can leverage price fluctuations between gold and crypto assets to mint additional CHAU, realize profits, and earn GOV token rewards. These rewards unlock further earning opportunities in other cryptocurrencies, enhancing the overall value proposition for CHAU minters.

Hybrid Collateralization Mechanism

CHAU employs an innovative hybrid collateralization model inspired by MakerDAO and Synthetix, combining the strengths of both platforms. This framework offers:

- Lower collateral requirements compared to Synthetix.
- Flexible collateralization options supporting assets like ETH and DAI.
- Enhanced reward structures for position holders versus MakerDAO.
- Non-inflationary stability mechanisms to ensure efficient recapitalization.

This unique design ensures the Chrysus ecosystem remains efficient, resilient, and sustainable, positioning it as a pioneering force in DeFi.

Key Collateralization Benefits

- Superior Rewards: Improved incentives for opening positions compared to traditional models.
- Dynamic Arbitrage Opportunities: Minters can capitalize on gold vs. crypto price dynamics to mint additional CHAU, realize profits, and unlock GOV rewards for extra cash flow generation.
- Adaptive Collateralization Ratios: A dynamic mechanism adjusts the collateralization ratio to maintain CHAU's peg to gold, ensuring stability during price fluctuations:
 - Above Peg: The collateralization ratio decreases, enabling increased CHAU minting, expanding supply, and stabilizing prices.
 - Below Peg: The collateralization ratio increases, discouraging new CHAU minting, reducing supply, and restoring the peg.
 - Liquidation Protocol: A safeguard threshold of 110% protects against extreme volatility, maintaining platform integrity.

Collateral Arbitrage Opportunities

Minters can exploit collateral value growth beyond a set threshold by minting additional CHAU and liquidating it in the market. This allows participants to effectively take a position on crypto outperforming gold-pegged CHAU, enabling further profit potential within the system.

CHAU Minting

One-Time Origination Fee

CHAU introduces a unique one-time origination fee of 10%, offering a predictable and user-friendly alternative to traditional stablecoins with recurring stability fees. This fee is allocated across key ecosystem components:

- Project Treasury: Supporting ongoing innovation and growth.
- Liquidity Providers: Ensuring robust market liquidity.
- Stability Module Stakeholders: Promoting active participation and platform stability.

This fee-sharing model fosters long-term sustainability, rewards ecosystem contributors, and maintains consistent cash flows for platform development.

Transforming Stablecoins into Dynamic Value-Generating Assets

Project Chrysus revolutionizes the stablecoin model by embedding cash flow generation into CHAU's core design. CHAU minters can earn additional CHAU when the value of their collateral grows beyond set thresholds, while also receiving GOV tokens as rewards for active ecosystem participation. This transforms CHAU from a static asset into a dynamic, income-generating tool.

By combining stability with active earning opportunities, Chrysus enhances utility and profitability for users, cementing its position as a trailblazer in next-generation stablecoin ecosystems.

Chrysus Governance Token

5. Chrysus Governance Token, GOV

Unlike stablecoins governed by centralized entities, Chrysus is built on a fully decentralized governance model powered by the Chrysus Governance Token (GOV). This token empowers the community to actively influence platform parameters, fostering collective and democratic decision-making. This decentralized approach sets Chrysus apart from centralized alternatives, ensuring transparency and community alignment.

DAO Governance

GOV is central to the governance of the Chrysus ecosystem. Holders can actively participate in shaping the platform's parameters and functionalities by staking GOV tokens in the stability module for at least 30 days and keeping them staked during voting periods.

CHAU Minter Incentive

GOV tokens are minted daily at a fixed rate of 100,000 GOV and distributed to incentivize CHAU ecosystem participation:

- 30%: Rewards for CHAU creators
- 30%: Incentives for CHAU liquidity providers within the swap solution
- 30%: Rewards for CHAU borrowers and lenders on the lending platform
- 10%: Allocated to a reserve fund, with its use determined by community governance votes

By aligning incentives with participation, GOV ensures that the Chrysus ecosystem remains stable, liquid, and community-driven.

GOV Token Trading

- Available for purchase during the presale on the Chrysus platform
- Available for purchase during the public sale on the Chrysus platform.
- Tradable directly on the Chrysus
- Planned for listing on major centralized exchanges (CEX) in the near future.

GOV Tokenomics

GOV Token Supply

The total supply of GOV tokens is capped at 212 million. Of this, 72 million GOV are allocated for user incentives, while 140 million GOV are designated for supporting the development of the Chrysus project and driving market adoption.

GOV Token Distribution and Vesting

| Stage | Allocation | Tokens (MM) | Cliff | Vesting |
|---------------------|---------------|--------------|-------|---------|
| Staking rewards* | 34.0% | 72.0 | 9 | 6 |
| Private sale | 2.0% | 4.2 | TBC | TBC |
| Website public sale | 3.2% | 6.3 | 0 | 12 |
| Liquidity DEX/CEX | 25.0% | 53.0 | | |
| Development | 2.0% | 4.2 | | |
| Marketing/KOLS | 1.8% | 2.7 | | |
| Advisors | 0.5% | 1.0 | 18 | 24 |
| Team | 6.6% | 14.0 | 18 | 24 |
| Treasury | 25.1% | 53.2 | 18 | 36 |
| Totals | 100.0% | 212.0 | | |

*The staking rewards are at 100 000 GOV per day, vested for 9 months released by DAO vote
These tokens have not been minted yet and are not in circulation upon TGE

** TBC = To be confirmed at a later date

Chrysus Eco-System

6. Chrysus Eco-System Expansion

Bridging Traditional Finance and DeFi

Chrysus integrates CHAU into real-world payment solutions, including Virtual Cards, enabling seamless use across various applications.

- **E-Commerce Integration:** CHAU holders can link their tokens to Virtual Cards for secure and convenient online purchases, transforming CHAU into a universally accepted digital asset.
- **Strategic Partnerships:** Chrysus is actively partnering with major e-commerce platforms to expand CHAU's usability, ensuring widespread acceptance across online merchants.

CHAU in DeFi and Beyond

CHAU enhances its utility within the DeFi ecosystem while addressing real-world needs:

- **DeFi Collateral:** CHAU can be used in lending protocols, offering access to loans and liquidity without high volatility risks.
- **Cash Flow Generation:** Users can earn income by participating in DeFi lending protocols using CHAU.

Cross-Border Transactions and Remittances

The stable value of CHAU makes it ideal for international transactions, offering:

- Reduced fees and faster settlements compared to traditional banking
- A secure and cost-efficient solution for both personal and business remittances

Synergy Between DeFi and E-Commerce

By combining DeFi capabilities with real-world applications like e-commerce, Chrysus sets itself apart as a versatile and valuable ecosystem for users worldwide.

Regulatory Compliance

7. Regulatory Compliance

Regulatory compliance is critical to any digital assets project, especially those dealing with stablecoins and financial services. The Chrysus Project Chrysus acknowledges the importance of adhering to relevant regulations and will strive to comply with the jurisdictions in which it operates.

Legal Framework

The legal and regulatory landscape for digital assets and stablecoins varies significantly from country to country. The Chrysus Project has engaged legal experts to ensure that the platform's operations comply with the laws and regulations of the jurisdictions it serves.

Compliance Reporting

Project Chrysus will regularly review and update its compliance measures to stay up-to-date with evolving regulatory requirements. The platform will also maintain transparent records of compliance activities and cooperate with regulatory authorities as needed.

Collaboration with Regulators

Project Chrysus believes in open and proactive engagement with regulatory bodies. The project team will actively collaborate with regulators to address any concerns, seek guidance, and contribute to developing clear and favourable regulations for the cryptocurrency industry

Roadmap

8. Roadmap

The development of Project Chrysus will be carried out in multiple phases, each designed to achieve specific milestones and objectives. The roadmap provides a high-level overview of the project's progression.

Genesis

In the initial phase, the following key objectives will be achieved:

- Concept design and development of the CHAU and GOV logic.
- Establishment of interactions between CHAU and GOV tokens.
- Audit of smart contracts for secure and efficient token minting and burning processes

GOV Launch

In the second phase, the focus will be on launching the Chrysus project with the GOV token as well as CHAU investor and minter outreach:

- Presale of GOV
- Public sale of GOV
- GOV CEX ICO
- CHAU investor outreach
- CHAU minter outreach

CHAU Launch

The third phase will mark the launch of the CHAU stable coin through CHAU minting and expansion of the eco-system.

- CHAU launch
- CHAU minting
- CHAU CEX listing

Expansion

Project Chrysus will expand its use cases and market reach:

- DeFI solutions
- Efficient interest rate and borrowing and lending
- Integration with payment solutions outside the crypto world.

Risk Factors

9. Risk Factors

While Project Chrysus strives to create a robust and innovative platform, it is essential to recognize and address potential risks and challenges. Some of the key risk factors include:

Price Volatility

The digital assets market is highly volatile, and both the CHAU and the GOV tokens price may fluctuate significantly.

Regulatory Uncertainty

Even though the Chrysus eco-system is currently regulatory compliant, evolving regulations in different jurisdictions may impact the platform's operations and market access.

Smart Contract Vulnerabilities

Smart contracts expose the platform to potential security risks and vulnerabilities. All Chrysus platform smart contracts have been audited by leading providers.

Audit by:



Cyberscope



BLOCKAPEX

Liquidity Risk

Low liquidity in the CHAU and/or GOV markets may lead to price slippage and reduced trading opportunities.

Economic Risks

Changes in the price of gold and macroeconomic conditions may affect CHAU's stability mechanism and impact the ability of the Chrysus project to maintain the peg.

Black Swan Event Risks

A black swan event is a rare and unpredictable event with which is an outlier, lying outside the realm of regular expectations, because nothing in the past suggests it could happen, with a massive, often disruptive impact on society, economies, or organizations and people try to rationalize it.

Chrysus Team

10. Team Behind Chrysus



Shu Li
Founder



Thomas Melchior
Founder



Farakh Farid
Finance Lead



Richard Hill
Marketing Lead



Afzal Subhani
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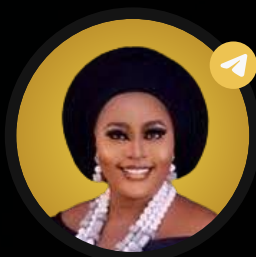
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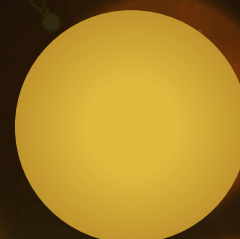
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Advisor



Advisor
To be appointed



Advisor
To be appointed



Advisor
To be appointed

Contact Us

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