

AGC White Paper Draft

African Gold Coin (AGC): A Gold-Backed Stablecoin White Paper

Tokenizing Real-World Assets for a Digital Future

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1. Abstract

The African Gold Coin (AGC) is a pioneering stablecoin that merges the stability of physical gold with the efficiency of digital finance. Each AGC token is backed by 10 milligrams of 24-karat gold, stored in secure vaults worldwide, including hubs like Dubai. Integrated with the EvoCash platform—built on over 30 years of financial expertise—AGC enables users to buy, sell, and manage gold-backed assets while tokenizing real-world properties. With a focus on penetrating underserved regions like Africa and Asia, AGC delivers cutting-edge financial tools, empowering online purchases and bridging financial access for communities with limited banking options, while serving global use cases through cryptocurrency trading and asset liquidity.

2. Introduction

Cryptocurrencies offer transformative potential but are plagued by volatility, while physical gold, a stable asset, lacks digital accessibility. Stablecoins address this divide, yet many fall short in meeting the needs of emerging markets or providing tangible backing. The African Gold Coin (AGC), built on Binance Smart Chain (BSC), combines gold's reliability with blockchain's efficiency. Backed by EvoCash's extensive financial experience, AGC serves as a global stablecoin and a tool for financial inclusion in regions like Africa and Asia,

enabling online spending and asset tokenization while catering to worldwide demands for stability and liquidity.

2.1 Background

Cryptocurrencies offer transformative potential but are plagued by volatility, while physical gold, a stable asset, lacks digital accessibility. Stablecoins address this divide, yet many fall short in meeting the needs of emerging markets or providing tangible backing. The African Gold Coin (AGC), built on Binance Smart Chain (BSC), combines gold's reliability with blockchain's efficiency.

3. Market Overview

The stablecoin market has expanded significantly, reaching a substantial market cap by 2024, with projections for continued growth through 2030 (CoinGecko, 2024; Statista, 2025). Gold-backed stablecoins have carved a niche, collectively valued in the billions (CoinMarketCap, 2024), while asset tokenization is on a steep upward trajectory (MarketsandMarkets, 2024). In regions like Africa and Asia, low banking penetration—compounded by high mobile usage—creates demand for digital financial solutions. AGC meets this need with a gold-backed token that supports online purchases and asset management, appealing to both emerging and established markets.

4. Vision and Mission

Vision: To become the global standard for asset tokenization, creating an inclusive financial ecosystem that bridges traditional and digital finance, delivering innovative tools to underserved regions like Africa and Asia alongside worldwide accessibility.

Mission: To democratize access to assets like gold and real estate, ensuring transparency and trust, while providing cutting-edge financial solutions for online spending, economic inclusion, and professional stablecoin services globally.

5. AGC Overview

5.1 What is AGC?

The African Gold Coin (AGC) is a stablecoin backed by 10mg of 24K gold, stored in vaults worldwide (e.g., Dubai).

5.2 Key Features

- **Stability:** A reliable, gold-pegged value store.
- **Asset Tokenization:** Converts gold/real estate into digital tokens.
- **Trading Utility:** Stable pair for crypto trades on EvoCash.
- **Regional Impact:** Enables online purchases and financial access in underserved areas like Africa and Asia, alongside global utility.

6. Technical Architecture

Blockchain: Built on Binance Smart Chain (BSC) for its 3-second block times, low fees (20 Gwei gas price), and ERC-20 compatibility.

Gold Backing:

- 10mg of 24K gold per AGC, stored in audited vaults.
- Vaults use multi-signature access and quarterly third-party audits.

6.1. Token Operations:

- **Minting:** Triggered by gold deposits or asset tokenization via smart contracts.
- **Burning:** Redeemed AGC burns tokens to maintain parity.
- **Freezing:** Multi-sig admin controls for compliance, integrated into the smart contract.

6.2 Smart Contract:

- ERC-20 base with custom functions transfer, burn, mint, freeze
- Tatum KMS integration for secure transaction signing.
- Event monitoring via BSC nodes for real-time transaction detection.

6.3 Redemption Process:

- **Gold Deposit:** Users deposit physical gold at EvoCash partner vaults.
- **Verification and Receipt:** Gold is assayed (24K standard), and a digital receipt is issued with weight and purity details.
- **AGC Issuance:** Users upload the receipt to EvoCash, triggering smart contract minting of AGC (10mg = 1 AGC).
- **Confirmation:** 10-block confirmation ensures finality.

7. Tokenomics

- **Token Name:** African Gold Coin
- **Token Symbol:** AGC
- **Decimals:** 18
- **Total Supply:** Dynamic, tied to gold reserves and asset tokenization.
- **Initial Distribution:** Presale, public sale, and reserve allocation (details TBD).
- **Minting/Burning:** 1 AGC per 10mg gold or equivalent asset value; burned on redemption.
- **Utility:** Stablecoin, trading pair (e.g., BTC/AGC), online payments in underserved regions.
- **Fees:** Trading (0.1-0.5%), deposit/withdrawal (variable by method).

8. EvoCash Platform Integration

EvoCash leverages 30+ years of expertise to offer:

- **Services:** Buy/sell AGC, tokenize assets, trade crypto.

8.1. Redemption Workflow:

- Deposit gold at vaults; receive a verified receipt.
- Upload receipt to EvoCash dashboard.
- AGC minted after receipt validation.
- **Accessibility:** Mobile-first design for regions like Africa and Asia, with bank/card/crypto/gold deposit options.
- **Security:** Cold storage for 90%+ of assets, AES-256 encryption, MFA, regular audits.

9. Gold Karat and Pricing Model

Karat System: 24K (AGC standard), 22K (91.7% pure), 18K (75%), 14K (58.3%), 10K (41.7%).

Pricing:

- $\text{Karat_Price} = 24\text{K_Price} \times (\text{Karat}/24)$.
- $\text{AGC_Price} = (24\text{K_Price} \times 10\text{mg}) / 31,103.4768\text{mg}$.
- Example: \$2,350/oz → \$0.7556 per AGC

10. Advantages of AGC

- **Stability:** Gold peg ensures reliability.
- **Liquidity:** Tokenized assets become tradable.
- **Utility:** Facilitates crypto trading and online purchases in underserved regions.
- **Accessibility:** Bridges financial gaps globally and locally.

11. Regulatory Compliance and Transparency

- **KYC/AML:** Mandatory, streamlined for emerging markets.
- **Audits:** Quarterly vault inspections, and public reports.
- **Standards:** FATF-compliant, adaptable to regional laws.

13. Roadmap

- **Q2 2025:** Smart contract deployment, vault partnerships.
- **Q3 2025:** Beta launch, Africa/Asia pilot.
- **Q1 2026:** Full launch, global expansion.

14. Risks and Mitigations

- **Gold Volatility:** Hedging strategies TBD.
- **Security:** Insured vaults, cold storage.
- **Infrastructure:** Mobile-first mitigates connectivity issues.

- **Regulation:** Proactive compliance adjustments.

14. Conclusion

The African Gold Coin (AGC) stands at the intersection of tradition and innovation, uniting the timeless value of gold with the boundless potential of blockchain technology. Through EvoCash's decades of financial expertise, AGC offers a stable, gold-backed currency that serves diverse global needs—from sophisticated asset tokenization and cryptocurrency trading to empowering underserved communities with accessible financial tools. By enabling the redemption of physical gold into digital tokens, AGC bridges the gap between tangible wealth and digital convenience, fostering economic inclusion in regions like Africa and Asia while delivering robust solutions worldwide. As it evolves, AGC aims to redefine financial access, liquidity, and trust, creating a lasting impact on the global financial landscape.

15. FAQ

- **What is AGC?** A 24K gold-backed stablecoin (10mg per token).
- **How do I redeem AGC?** Deposit gold, get a receipt, and upload it to the EvoCash platform for AGC.
- **How does it help underserved areas?** Supports online purchases, and financial access.

16. References

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