



GCS TOKEN

White Paper

March 2022

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Abstract

GCex is the issuer of GCS tokens. GCS tokens are a utility tokens that will allow holders to benefit through price appreciation from the success of the unique GCS ecosystems GCS unique ecosystems are:

- Minting of XAUs
- Market Maker Leverage Trading
- Bank Tokenization
- GCS Exchange
- Biometric Wallet

GCS tokens are based on BEP20 smart contract operating on the Binance (BNB-BSC) network. IEO of GCS tokens will be on the GCex regulated centralized exchange operated by Darlitana UAB in Lithuania. The lifetime supply cap of GCS tokens is ten million. GCS were stored within a Trustee Wallet. GCS tokens are utility tokens.

GCS ecosystems are designed although not exclusively, around the usage of XAUs tokens. XAUs use BEP20 smart contract on the Binance (BNB-BSC) network. XAUs are collateralized by an off-chain 0.425 grams of 22kt gold. XAUs is a stable token that offers unprecedented efficiency, security, and reliability with an intrinsic value of gold. XAUs holders do not incur physical gold storage, redemption, or management fees. XAUs solve problems of gold ownership by employing blockchain technology. XAUs are ideal for payments, investments, trading, and preserving wealth. Opening opportunities for individuals, corporations, institutions, and banks to trade and invest in gold. In addition, XAUs offer blockchain benefits to 1.9 billion members of the Islamic community that have been deprived of Sharia compliant digital stable tokens.

GCex Exchange, GCS tokens and XAUs tokens have received a Certificate of Sharia compliance (05-03-22) from the International Halal Assurance.

The GCS ecosystems are backed by real assets managed and audited by international financial and legal entities. Assets include two digital licenses in Lithuania - Deposit Virtual Currency Wallet Operator and Virtual Currency Exchange Operator, SAP software tailored for digital bank operations, a facility to refine gold and mint gold coins, and a biometric wallet product. GCS ecosystems will ensure compliance with international best practices and standards.

The physical gold backing each XAU, will be stored as a minted gold coin, equivalent to 10 XAU. The minting of the coins will be undertaken in Malaysia through an arrangement with a GCex facility having the expertise in gold refining and coin minting. The coins will be stored within an independent custodial bank vault ensuring transparency, auditability, and security. Redeeming of XAU will be simple. Initially, the minimum redeemable amount of physical gold will be one hundred XAU with only the delivery cost payable to the nominated address.

It is anticipated that five million GCS tokens will be released within five years of the IEO date. There is a lifetime supply cap of ten million on GCS tokens. The tokenomics was designed to minimize GCS price dilution and support GCS price appreciation. During the five years following the IEO, 54% of the initial five million GCS tokens will be locked.

GCS TOKENS

The GCS tokens will be released during the IEO on the GCex regulated exchange based on the BEP20 smart contract running on the Binance (BNB-BSC) blockchain network. The GCS tokens will offer unprecedented transaction efficiency, security, reliability, and trust. GCS tokens were audited by the Ether Authority and rated "well-secured" (the highest score). GCS tokens received a Certificate of Sharia compliance (05-03-22) from the International Halal Assurance Institute.

GCS tokens permit interoperability within the Binance network-based protocols and decentralized applications. Allowing holders to transact and exchange across the network including trading within secondary markets.

GCex is anticipating the release of five million GCS tokens within five years of the IEO date. There is a lifetime supply cap of ten million GCS tokens. The tokenomics was developed to minimize GCS price dilution and support GCS price appreciation. Tokenomics of the initial five million GCS tokens are as follows: Locked - Liquidity Pool (20%), Founders (15%), Angel Investors (5%), and others (14%), a combined total of 54%. Unlocked - IEO 20%, Pool Economic Zone 24.6% and Airdrop & Mining 1.4%, a combined total of 46%.

GCS tokens do not provide ownership or management rights in GCex. GCS tokens are utility tokens based on the Howey Test. GCS tokens should not be deemed as securities and do not need to be registered as a security. GCS tokens derive value based on the GCS ecosystems. GCS ecosystems consist of real assets and revenue generated largely from XAU's stable tokens operating within the GCS ecosystems. These ecosystems provide a pathway to long-term GCS token price appreciation through GCS ecosystems returning free cash flow to the GCex liquidity pool.



BENEFITS OF GCS TOKENS

GCS tokens offer many benefits to holders. The GCS ecosystems are supported by underlying physical assets, security, and Sharia compliant. The use of BEP20 smart contracts operating on the BNB-BSC network lower transaction costs while providing unprecedented tradability.

DEPTH

Lifetime supply cap of 10 million

GOVERNANCE

Smart contract manages annual cash distributions

TOKEN REWARD

Price appreciation

CONSENSUS MECHANISM

Proof of Stake

NON FINANCIAL INCENTIVES

Certificate of Sharia compliance (05-03-22)

FINANCIAL INCENTIVES

Underlying assets and complementary GCS ecosystems.

SECURITY

BEP20 smart contract

Ether Authority rating of “well-secured” (the highest rating)

GCex exchange regulated and insured

STRUCTURE

Anticipated issuance of 5 million within 5-years of the IEO having the tokenomics of:

Locked for 5 years (54%)

- Liquidity Pool 20%
- Founders 15%
- Angel Investors 5%
- Others 14%

Unlocked (46%)

- IEO 20%
- Pool Economic Zone 24.6%
- Airdrop & Mining 1.4%

ARCHITECTURE

Binance (BNB-BSC) blockchain network

GCex exchange uses MPC cryptography with hardware isolation

XAUs A NEW GLOBAL CURRENCY

GCS ecosystems are designed around the usage of XAUs tokens. XAUs are a new stable token based on the weight of gold. XAUs are based on the BEP20 smart contract to operate on the Binance (BNB-BSC) blockchain network. XAUs digitizes the intrinsic value of gold value into an affordable size. Holders of XAUs own a digitally allocated off-chain 0.425 grams of physical 22kt gold. XAUs are fungible stable tokens that are highly transferable with the option to redeem for physical gold at no additional cost, except for the cost of standard delivery to the nominated address. By using blockchain technology, XAUs lower the cost of gold ownership. XAUS offers a great solution for individuals or institutions who want to invest in gold, or simplify daily purchases, or easily make payments across borders.

XAUs are the first stable token with a gold weight that conforms to the Sharia Gold Dinar Standard. XAUs provides a solution to the under served 1.9 billion Islamic market that want to invest, preserve wealth, and make digital payments using the global crypto blockchain. XAUs have received a Certificate of Sharia compliance (05-03-22) from the International Halal Assurance Institute.

The affordable size of XAUs opens opportunities for investing, making payments, trading, and wealth preservation across the world. XAUs are relatively easy to exchange for physical gold without additional cost other than the standard delivery fee. We envision XAUs as a means of promoting free capital flow and true democracy in gold ownership. XAUs are expected to be available in the third quarter of 2022. You can read more about XAUs in the soon to be issued XAUs White Paper..

GCS Ecosystems

GCS ecosystems introduce an exciting innovation in the crypto world. Offering investors the chance to profit from the success of GCS ecosystems utilizing XAU tokens:

- 1) Minting of XAU tokens
- 2) Market Maker Leverage Trading
- 3) Bank Tokenization
- 4) GCS Exchange
- 5) Biometric Wallet

MINTING OF XAU tokens

XAU tokens digitally minted using BEP20 smart contracts will be backed by an off-chain 0.425 grams physical gold. The physical gold will be produced and stored within audited independent custodian bank vaults. The GCS ecosystem will earn a small fee from the issuing of XAU tokens. Returning revenue back to the GCS ecosystem. XAU tokens with an intrinsic value of gold offer many benefits and solutions to creating and preserving wealth. This should make XAU tokens very popular and lead to solid demand growth and active trading by both beginners and professionals.

MARKET MAKER LEVERAGE TRADING

GCex Trading Venue will combine state of the art software and hardware components of market maker matching engine technology to match trades through multiple liquidity providers. GCex Trading Venue offers game changing technology, allowing the creation of a new generation of arbitrage, transparent, distributed, and independent trading using XAU tokens. GCex ecosystem will earn a margin on the XAU tokens traded weight spread.



BANK TOKENIZATION

GCex working with banks, will open opportunities for banks to tokenize gold held as security into XAUs. GCex will enter a profit-sharing agreement with banks for the tokenization of gold into XAUs. This revenue will be return to the GCS ecosystem. XAUs tokenization benefits to banks are:

- Up-to-date mark-to-market gold balance sheet value.
- Reduced insurance costs relating to holding of gold security.
- XAUs BEP20 smart contract eliminates human reporting and transaction errors.
- Simplicity in disposing of unclaimed and forfeited gold security.
- Avoids discounting to achieve immediate sale or sale of large gold weight.
- Improve risk gearing management.
- Opportunity to create other derivative products.

REGULATED CRYPTO EXCHANGE

GCex exchange is operated by Darlitana UAB. Darlitana UAB (registration number 305921328) with address at Perkunikiemio str., Vilnius 13-91 has licenses issued by Lithuania Financial Crime Investigation Service. The issued licenses are License to Deposit Virtual Currency Wallet Operator and Virtual Currency Exchange Operator. Among the services GCex exchange carries out as a regulated exchange is the IEO of GCS tokens and other cryptos, issuing of XAUs tokens and operating a trading platform for GCS tokens, XAUs tokens and other cryptos.






The GCex exchange offers a robust set of trading analysis and analytic tools for traders. These include candlestick charts, depth charts, time intervals, drawing tools and technical indicators. GCex exchange utilizes an effective authentication and data protective systems for trades.

A successful exchange requires sufficient liquidity to serve the number of trades. It is important that when a sell or buy order occurs, the transaction completes in minimum time. The greater the liquidity, the faster a transaction can occur. GCex will provide funds to ensure sufficient liquidity for GCex exchange. The exchange will use “automated market-making” protocol for a wide array of cryptos.

BIOMETRIC WALLETS

The biometric wallet will be the world's first biometric wallet, minimizing risk of theft and loss of both public and private keys. This wallet employs high end to end encryption to protect private keys, increasing security while reducing transaction complexity. An additional security feature is the use of a biometric fingerprint. The wallet allows for the storage of GCS tokens, XAU tokens, and other cryptos. The biometric wallet is expected to be available in the third quarter of 2022.



UNIQUE GOLDEX VAULT FEATURES		
FINGERPRINT SENSOR		World's 1st Government Grade sensor for contactless ID Cards (exclusive)
HIGH SPEED PROCESSOR		Computer-In-Card Engine (first in the market)
DUAL MODE SMART CHIP with NFC		Powerful Secure Element Multi-apartment Chip
BLUETOOTH NFC ISO-7816		Standards compliant Contactless use cases
32 GB		Storage of authentications, transactions, sensitive data, apps ++ (first in market)

CONCLUSION



Subscribing to GCS tokens offers the opportunity to participate in the anticipated GCS price appreciation from the success of the GCS ecosystems.

GCS ecosystems are backed by real assets that include Darlitana UAB's licenses to Deposit Virtual Currency Wallet Operator and Virtual Currency Exchange Operator, SAP software tailored to operate a digital bank, a facility to refine gold and mint gold coins, and biometric wallet product.

GCex is a regulated exchange, offering people trust and confidence to buy, trade, and store GCS tokens, XAU tokens, and other cryptos. It is the ideal platform for new cryptos to launch an IEO.

Because the GCS ecosystems are highly complementary and are likely to result in increasing profitability, GCS tokens are expected to continue to appreciate in price for a long time.



WHITE PAPER

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