

White Paper

XAU_s

STABLE TOKEN

August 25, 2022

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ABSTRACT

XAUs is an innovative fungible stable token that digitizes 0.425 grams weight of 22kt gold using BEP20 smart contract on the BNB blockchain network. XAUs are redeemable for physical gold coin without storage or conversion fees. The physical minting of gold coins will occur at a GCS gold refining and coin minting facility. The gold coins are stored with independent custodial banks vaults and regularly audited. XAUs will be issued on the GCex Exchange(www.gcex.lt). XAUs should promote free capital flow and true democracy in gold ownership.

XAUs solves the problem of affordable and ease of gold ownership, usage of gold in daily purchases of goods and services and cross border payments, opportunity to undertake gold investing and trading, and open opportunities within the Islamic community – XAUs is a Halal stable token.

The Islamic community have been underserved by Halal cryptos and exchanges. This has prevented the widespread adoption of cryptos within the Islamic 1.9 billion community. XAUs offers the Islamic community access to Halal digital asset using blockchain technology on a Halal exchange. XAUs tokens and the GCex Exchange both received a Certificate of Sharia compliance (05-03-22) from the International Halal Assurance.

XAUs should prove popular within Islamic community daily life because of the similarity with the Shariah Gold Dinar Standard coin. Ten XAUs are the digital equivalent of a Shariah Gold Dinar Standard coin. Shariah Gold Dinar Standard coins are widely used and popular within the Islamic community. XAUs similarity with Shariah Gold Dinar Standard coin and Halal status, provide a wonderful opportunity for members of the Islamic community to participate with digital assets on the blockchain.

XAUs offer a strong advantage compared to other gold backed tokens and gold financial instruments, which generally represent gold equivalent fiat currency value or redeemable gold certificate. Often physical gold redemption is not permitted or only permitted in large units, such as 100 kilograms. In contrast, XAUs physical gold redemption is easy and offered in affordable sizes of one gold coin representing 10XAUs. The minimum gold size is limited by the physical gold minting process. Delivery minimum size is 10 gold coins with payment of shipping.

XAUS STABLE TOKEN

XAUs is an innovative fungible stable token using BEP20 smart contract on the BNB blockchain network. XAUs represent a digitally allocated off-chain 0.425 grams of physical 22kt gold stored as a gold coin equivalent to 10AXUs. The minimum weight of gold coin is limited by the physical gold coin minting process. XAUs will be issued on the GCex Exchange(www.gcex.lt).

The physical minting of gold coins will occur at a GCS gold refining and coin minting facility. Storage of the gold coins will be stored within independent custodial banks vaults and regularly audited. Redeeming XAUs is simple. No gold storage or conversion fees are charged in redeeming only the cost of freight for delivery to the nominated address.

XAUs solves the problem of:

- affordable gold ownership
- ease of gold ownership
- gold usage in daily purchases of goods and services
- gold usage for cross border payments
- Sharia compliance for the Islamic community – Halal stable token
- Investing, trading, and preserving wealth at lower costs.

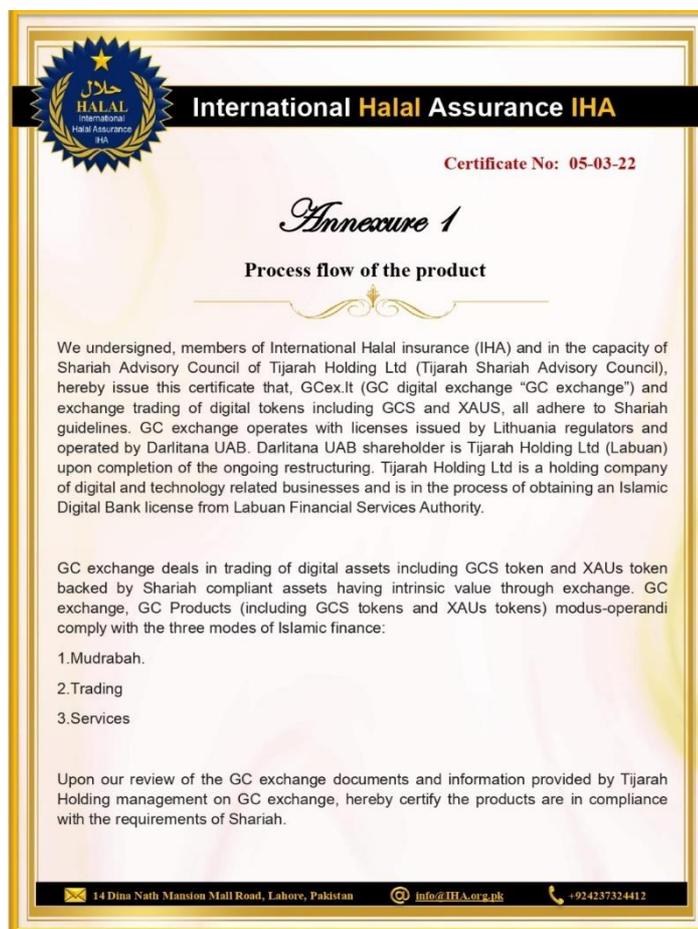
XAUs is the only stable token at present expressed in weight of gold not as fiat currency equivalent, or representing a gold certificate, or fractionalized ownership in a gold bar. XAUs unlike fiat currency, is not a promise of payment or value. XAUs have an intrinsic value, the value of 0.425g of gold.

XAUs provide opportunities for wealth preservation, investing, trading, and making global payments. Unlike fiat currencies, gold is acceptable throughout the world. The problem with gold is usability within transactions. Carrying physical gold is not useful to pay for an item as it is not easy to break the gold into smaller units especially for low value items. As an example, purchasing a can of soda would be very impractical. This physical usability has limited the use of gold in making payments use of gold especially for daily commerce. XAUs solves this problem of gold usability through the digitization of gold weight. Transparency and trust are ensured through XAUs transactions recorded on the immutable blockchain with a public ownership registry.

XAUs represented by gold weight and using blockchain technology increases security, privacy, and improves transaction speed. XAUs opens the opportunity to use gold in daily commerce and cross border payments while lowering transaction costs. XAUs have an intrinsic value, the real time spot gold price. XAUs promotes gold ownership and free capital flow fostering true financial democracy.

XAUs are envisioned to generate strong demand because of usability and investment opportunities. XAUs improves the ease of purchasing gold and avoid many of the problems associated with traditional gold trading, such as fiat currency zero-sum trading. XAUs open opportunities to fully automate trading processes, eliminating traditional intermediaries, and reducing transaction costs.

XAUs are the first gold stable token receiving a Certificate of Sharia Compliance (05-03-22) from the International Halal Assurance Institute.



Muslim participation in crypto trading is reported less than 2% of total world crypto traders and the estimated value of Sharia investments was \$3.8 trillion in 2021 (Coqonut Data). XAUs open tremendous opportunity for the Islamic community to participate in cryptocurrencies. XAUs and GCex Exchange are Halal. The off-chain minted gold coin (equivalent to 10XAUs) is comparable to one Sharia Gold Dinar Standard coin. These factors permit the Islamic community to comply with Sharia faith while using XAUs in daily commerce, cross border payments, invest, and trade using blockchain technology.

XAUs can be purchased and traded on the GCex Exchange(www.gcex.lt). GCex Exchange is a regulated exchange offering trading of XAUs, GCS utility token, and other major cryptocurrencies at nearly instantaneously settlements that lessens price slippage with low transaction fees.

MINTING OF GOLD COINS

The minimum weight of a minted gold coin is 4.25 grams, limited by the physical minting process. The minting of gold coins occurs at a GCS gold refining and minting facility. The initial facility is in Pinang, Malaysia with gold minting capacity exceeding 400kg/month. Additional gold minting is available to meet increased XAUs demand. The initial rate of coin minting reserves is 2kg/week (4,700 XAUs approx.). There is a 5 kg (12,000 XAUs approx.) buffer reserve to meet potential surge in XAUs demand. Both the weekly minting and buffer reserve will alter depending on XAUs demand. XAUs will not be issued unless a backing physical gold coin exists. Storage of gold coins are within independent custodial banks vaults and regularly audited.

AUs minted gold coins (front and back faces)



XAUs compared to other gold purchase options

Feature	XAUs	Tether Gold	DigixGlobal	GLD (ETF)
Physical gold backing	Yes - 0.425 grams one token, min. purchase 1 token	Yes - 1 troy ounce each token, min. purchase 50 tokens	No	Yes but leveraged and no claim on the physical
Transfer fees	None	0.1% or USD 1,000 (whichever greater)	0.13%	N/A
Annual storage and management fees	Zero	0.25%	0.60%	0.40%
24/7 trading	Yes	Yes	Yes	No - Exchange hours
Immediate settlement	Yes	Yes	Yes	T+2 days settlement
Redeemable for physical gold (minimum size)	100 tokens - 42.50 grams	400 tokens - 400 troy ounces plus 0.25% of value	100 or 1,000 grams plus 1% pickup in Singapore	No

XAUs advantages compared to physical gold and fiat currency.

Qualities	XAUs	Gold Bar	Fiat Currency
Verifiability	High	Moderate	Moderate
Exchangeability	High	Moderate	Moderate
Portability	High	Low	High
Durability	High	High	Moderate
Divisibility	High	Low	Low
Scarcity	Moderate	Moderate	Low
Acceptance	High	High	High
Independence	High	High	Low
Production Cost	Moderate	High	Low
Security	High	Low	Low
Accessibility	High	Moderate	High
Predictability	High	High	Moderate
Material utility	High	High	Moderate
Intrinsic value	High	High	Low

XAUs Technology Stack - Overview

XAUs consensus is based upon layer 3 with high governance and optimized to achieve fast transactions that are issued on a regulated centralized exchange. XAUs technology stack is:

- Layer Zero – The hardware, equipment, internet connection to BNB blockchain network and XAUs coin minting facility.
- Layer One - The BNB blockchain network that embeds BEP-20 smart contract to determine XAUs minting and burning on redemption of physical gold. The GCex Exchange network. Supply of XAUs is controlled by GCex, through minting of physical gold coins, ensuring each XAUs is represented by 0.425g of physical gold.
- Layer Two - BNB uses a Proof of Stake consensus mechanism. GCex is a regulated exchange operating using the BNB network. The auditing by independent certified third parties of physical gold held within custodial bank vaults.
- Layer Three – GCex Exchange is the platform for XAUs trading. GCex Exchange will provide registered users to store XAUs within their exchange wallet. Through GC Trust, XAUs holders have access to converted to fiat currencies. Redemption of physical gold coins will occur on GCex Exchange with associated burning of XAUs.

XAUS TECHNOLOGY STACK – SMART CONTRACT

XAUs BEP20 smart contract operates on the BNB blockchain network. The XAUs contract can be viewed on the bscscan.com explorer, the smart contract address of XAUs is

0x66d7Ca7C5111F6544a06bBf2C430a1D070d02d27

XAUS – GOVERNANCE

Governance in trading of XAUs is assured through GCex Exchange, a regulated decentralized exchange. GCex Exchange is operated by Darlitana UAB with registration number 305921328 and registered address at Perkunkiemio str., Vilnius 13-91, Lithuania. Darlitana Lithuania. The Financial Crime Investigation Service (Lithuania) regulates Darlitana's licenses - Deposit Virtual Currency Wallet Operator and Virtual Currency Exchange Operator. Exacts of the licenses are shown below:

License Extract

Signature valid

Dokumentas elektroniniu parašu pasirašė BORISAS JAKOVLEVAS
Data: 2022-01-12 15:44:42



VALSTYBĖS ĮMONĖ REGISTRŲ CENTRAS
Lvovo g. 25-101, 09320 Vilnius, tel. (8 5) 2688 262, el. p. info@registrucentras.lt
Duomenys kaupiami ir saugomi Juridinių asmenų registre, kodas 124110246

LIETUVOS RESPUBLIKOS JURIDINIŲ ASMENŲ REGISTRO ELEKTRONINIS CERTIFIKUOTAS IŠRAŠAS

2022-01-12 15:44:38

PRIEIGOS RAKTAS: 66-3018591-1033627

Šiuo priegos raktu gautas išrašas yra oficialus dokumentas. Tretieji asmenys, gavę iš juridinio asmens, filialo ar atstovybės galiojančią priegos raktą, negali reikalauoti pakeikti spausdinto popieriuje registro išrašo, kadangi saugiu elektroniniu parašu pasirašytas dokumentas, turi tokią pat teisinę galią kaip ir rašytinis dokumentas.

1. Juridinių asmenų registre įregistruota:

Pavadinimas: **UAB "Darlitana"**
Kodas: **305921328**
Teisinė forma: **Uždaroji akcinė bendrovė**
Teisinis statusas: **Teisinis statusas neįregistruotas**
Buveinės adresas: **Vilnius, Parkinkniemo g. 13-91**
Elektroninio pristatymo dėžutės adresas: **305921328**
NTR objekto kodas: **4400-1117-0113-6769**
Įregistravimo data: **2021-10-25**
Versija: **10 (2022-01-10)**
Duomenų būklė: **Finali suvartyti duomenys**
Registro tvarkytojas: **Vilniaus regionas**

10. Žymos:

- | | |
|--------------|--|
| 10.1. | Depozitinių virtualiųjų valiutų piniginių operatorių |
| Registruota: | Nuo 2021-11-10 |
| Terminas: | Nuo 2021-11-04 |
| 10.2. | Virtualiųjų valiutų keityklos operatorius |
| Registruota: | Nuo 2021-11-10 |
| Terminas: | Nuo 2021-11-04 |

Translated License Extract

Signature Not Verified

Dokumentas elektroniniu parašu pasirašė BORISAS JAKOVLEVAS
Data: 2022-01-12 15:44:42



STATE ENTERPRISE CENTER OF REGISTERS
Lvovo st. 25-101, 09320 Vilnius, tel. (8 5) 2688 262, el. p. info@registrucentras.lt
Data is collected and stored in the Register of Legal Entities, code 124110246

REGISTER OF LEGAL ENTITIES OF THE REPUBLIC OF LITHUANIA ELECTRONIC CERTIFIED EXTRACT

2022-01-12 15:44:38

8. Licensed activities: No records

9. Other information:

Beginning of the financial year: 01-01
End of the financial year: 12-31

10. Tags:

- | | | |
|-------|-------------|--|
| 10.1. | Registered: | Deposit virtual currency wallet operator |
| | Term: | 10/20/2021
From 04/11/2021 |
| 10.2. | Registered: | Virtual Currency Exchange Operator |
| | Term: | 10/20/2021
From 04/11/2021 |

11. Bankruptcy: No records

12. Operating Restrictions: No records

13. Founding documents:

13.1

Date of document: 08/10/2012
Registered: 22/10/2012

TECHNICAL DESIGN

XAUs are issued as a BEP20 smart contract, operating on the BNB blockchain network (BNB). BNB was formed on February 15, 2022, from the merging of the Binance Chain and Binance Smart Chain blockchain networks. BNB provides a permissionless platform for decentralized application (DApps). BNB utilizes a hybrid of delegated Proof of Stake and Proof of Authority, called "Proof of Staked Authority" (PoSA). PoSA consensus mechanism is based on preapproved validators staking BNB coins to become BNB validators. The PoSA allows faster transaction processing compared to PoS as there are smaller number of block validators that have been preapproved reducing the time to select validators to process transactions.

BNB is Ethereum Virtual Machine (EVM) compatible, which drastically simplifies the transition of smart contracts and DApps with lower degree of decentralization offering scalability. BNB allows cross-chain transfers. Leading to BNB achieving lower transaction fees compared to Ethereum. The average BNB fee is around \$0.15/transaction compared to Ethereum at around \$15.00/transaction.

ARBITRAGE TRADABILITY

XAUs open the opportunity for individuals and institutions alike to participate in arbitrage trading on the GCex Exchange(www.gcex.lt). GCex Exchange is the only exchange offering XAUs arbitrage trading algorithm based on weight of gold.

Until XAUs trading on the GCex Exchange, gold trading has been zero sum trading based on the gold equivalent fiat currency value. The disadvantage of zero-sum trading is a trader after closing their position, cannot convert fiat currency gains after the deduction of swap charges, margin calls, and holding costs to purchase the prevailing gold market weight position. In other words, the trader cannot use the cash-out gold weight position of the trade to purchase the prevailing market gold weight. Example, if the market entry position was \$1,800/oz and sold out at \$1,900/oz, earning gross \$100/oz then after deducting costs, the trader would not have enough funds to purchase 1 oz at \$1,900/oz – zero-sum trading.

XAUs overcomes zero sum trading. As XAUs represent gold weight, the market entry gold weight remains constant regardless of fiat currency price of gold. Gains convert into gold weight, while the trader holding the XAUs market entry position will suffer no weight loss should the fiat currency price of gold fall below the market entry fiat currency price. Example, the trader market entry is 74 XAUs approx. 1 oz gold weight, regardless of the gold fiat price, the trader holds 1 oz of gold weight.

XAUs BENEFITS

XAUs solve several the traditional problems associated with gold ownership including affordability. The key benefits of XAUs are:

- **Long Historical Usage**
Gold has for thousands of years been used in preserving wealth, investing and payments.
- **Depth of Price Understanding**
Gold has a solid price analytics and deep understanding of factors affecting value.
- **Intrinsic Value**
Gold possesses intrinsic value and is highly sought during times of economic and social crises.
- **Proven Wealth Preservation**

Gold is often recommended in wealth preservation portfolio strategies because of effectiveness.

➤ **Low Transaction Fees**

XAUs BEP20 smart contract on the BNB network offers lower transaction fees and faster processing times compared to many other networks including Bitcoin and Ethereum.

➤ **Halal**

XAUs is Halal, received a Certificate of Sharia compliance (05-03-22) from the International Halal Assurance Institute.

➤ **Opportunities for the Islamic Community**

XAUs Halal status promotes usage within the 1.9 billion Islamic community.

➤ **Arbitrage trading opportunities**

XAUs provide arbitrage trading with many traditional financial gold instruments.

➤ **Redeemable physical gold**

XAUs are redeemable for physical 22kt gold coins without additional charges expect for delivery to nominated address.

CONCLUSION

XAUs lowers the barriers to gold ownership. XAUs is expected to become the #1 traded gold weight backed token in the world because of its greater affordability, tradability, intrinsic value, and ease in redeeming for physical gold. XAUs should promote free capital flow and true democracy in gold ownership. XAUs on the BNB network will ensure lower costs with faster processing times in completing transactions.

XAUs should be extremely attractive within the 1.9 billion Islamic community. XAUs are halal and ten XAUs are equivalent to the commonly used Shariah Gold Dinar Standard coin. XAUs provide a wonderful opportunity for members of the Islamic community to participate with cryptos.

XAUs are highly transferable and offer the option to redeem for physical gold at no additional cost. XAUs increase trading gold opportunities by avoiding expensive costs often charged for small gold trades. XAUs open opportunities for investing and trading using weight of gold not the fiat pegged price. Net sum trading is avoided with XAUs.

XAUs should become extremely popular for daily purchases of goods and services while offering opportunities for investing and trading. GCS ecosystems are designed around the usage of XAUs tokens, generating increasing demand for XAUs.