



COMTECH
GOLD

MAKING GOLD EASY TO OWN

&

EASY TO TRADE



W H I T E P A P E R

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1. Background

Gold is respected throughout the world for its value and rich history, which has been interwoven into cultures for thousands of years. Unlike paper currency, coins or other assets, gold has maintained its value throughout the ages and is considered as a dependable option for several decades. People see gold as a way to pass on and preserve their wealth from one generation to the next. It is the metal we fall back on when other forms of currency don't work. Gold brings a special element into a portfolio, one that makes it different from all other metals because it tends to go up when everything else goes down. It provides investors insurance against geopolitical events, financial cover during geopolitical and macroeconomic uncertainty and acts as a hedge against inflation making gold a safe-haven investment.

Traditionally, gold purchases have added premiums of as high as **10% to 20%** when sold through retailers as the investor must pay extra in the form of Premium in pricing, Making charges and Production fees. The costs for purchasing high-end Jewelry can even go significantly higher depending on the required work.

In contrast, investing in Digital Gold involves only the investment cost without any other added costs. One can purchase gold online, and an equivalent amount of that is kept as physical gold in an insured vault. The minimum amount one can buy is as low as 0.01 gram. Customers can choose to sell the entire or a fraction of the gold anytime at the prevailing International Gold Rates. All these golds are of highest purity of 999.9 (24k) and are LBMA or Dubai Gold Delivery certified bars which ensures purity and negates the chances of fraud.

Dubai is called the 'City of Gold' with almost 1,200 tons of the metals traded in the city's gold souks. With the vision of making Dubai as a '**City of e-Gold**', ComTech Gold was incorporated in March 2022.

2. Introduction – ComTech Gold

ComTech Gold has redefined the tokenization infrastructure by digitalization of gold and is built on **Xinfin “XDC” Blockchain Technology**, which is the world’s first hybrid blockchain and follows standard **Ethereum-based (ERC 20) protocols**.

ComTech Gold (CGO) has combined the benefits of gold with the advantages of blockchain. Digitalization using Blockchain Technology allows a global user to get access to Digital Gold. This helps solve various issues related to traditional physical gold in relation to price variation issue, storage, fungibility and safety. Currently, there are no other investment-grade gold products that is both easy to own and easy to trade. ComTech Gold (CGO) solves this issue by providing a 100% fully gold-backed digital tokens.

Some of the key attributes are as follows:

- Each (CGO) tokens represent one gram of physical gold of 999.9 purity and is redeemable, regulated and priced at the international gold market rates.
- The underlying physical gold are securely stored and insured with **Transguard**, a reputed vault operator in the UAE, on a segregated and allocated manner.
- First company in **MENA** to be awarded with a **Shariah Compliant Fatwa Certification** by **Amanie Advisors Ltd**.
- Partnership with the local government body **DMCC** to use DMCC tradeflow warrant solution to strengthen the existing digitalization of Gold.
- The tokens are listed and available for trading 24/7 on leading global digital exchanges;- **LBank, BitMart & Bitrue**.
- The CGO token follows the standard **XRC20 protocol**, and all the transaction functions according to the smart contract rules set by the XDC network.

- Total supply of the CGO tokens as of 01st December 2022 is **122,000** (122 kg of gold under custody).
- A reputed auditing firm conducts regular audits to match the outstanding supply of CGO tokens ensuring that the reserve of physical gold exactly matches the outstanding supply of CGO tokens. These reports are available on ComTech gold [website](#) to maintain full transparency.

3. Company Details

The company issuing the CGO tokens is ComTech FZCO, which is incorporated in the UAE and registered in the Dubai Airport Free Zone Authority (DAFZA). (www.comtechgold.com).

ComTech FZCO is 100% owned by **Trade Fintech Ltd**, a company incorporated as a Private Company under the Companies Law, DIFC Law No. 5 of 2018 on October 4, 2021, with registered number 5102.

Trade Fintech Ltd. is a leading blockchain and tokenization technology provider for trade finance distribution initiative, a group that consists of 55+ world's biggest banks and emerging fintech, regulators and have set up similar ventures in the blockchain space both in the UAE and Internationally in (*Singapore, UK, Malta, and India*).

Working within regulatory frameworks, we aim to create an ecosystem built with integrity, transparency, and efficiency to encourage the financial industry to raise the bar and discover new ways to service the global community.

4. Product Features

CGO Gold tokens are standardized tokens issued by the company having the following key features. Each token is unique and confirms the owner's right to a specific amount of gold from a specific numbered gold bar.

4.1 Gold Backing

CGO Gold tokens are 100% backed by physical gold in the form of Standardized 1 kg bar of 999.9 purity. The Gold bars are identifiable through their bar numbers and are from internationally accepted refineries.

4.2 Token Size and Pricing

Each CGO token represents 1 gram of gold of 999.9 purity and is priced at the prevailing international gold rate.

4.3 Fungibility & Liquidity

CGO tokens are held in digital form & listed on global blockchain exchanges which are available 24/7 for trading, making these tokens highly liquid & fungible. Investors can buy as low as 0.01 grams on these Exchanges.

4.4 Shariah Compliant – Fatwa Certification

ComTech Gold is the first in MENA to be awarded a Shariah Compliant Fatwa Certification for a gold tokenization product. The Shariah Fatwa certificate was issued by **Amanie Advisors Ltd**, an entity specializing in the field of Shariah-compliant investments & Islamic finance solutions. Being Shariah Compliant ensures that each gold token is fully backed by physical gold which is identifiable and segregated. Every Purchase and Sale of gold shall result in the actual delivery of Tokens from the Seller to the Buyer obeying Shariah Compliance.

4.5 Instant Settlement

CGO Tokens are built on XDC Network. All transactions are settled at the speed of light, with a cryptographically secure, decentralized verification protocol.

4.6 DMCC TradeFlow Warrants

Dubai Multi Commodities Centre (DMCC) has partnered with ComTech Gold to digitalize the trading of gold using DMCC TradeFlow. In line with international best practices for transparency, each gold bar will be backed by a TradeFlow warrant and will feature unique ID numbers and certificates direct from the refiners, thereby providing additional security, transparency, and real-asset allocation.

4.7 Conversion of Gold Token to Physical Gold and Vice-Versa

Holders of CGO Gold Tokens will have the facility to convert their tokens into Physical 1Kg Gold bars. An investor holding 1000 tokens can request for cancellation of their tokens in exchange for physical 1 kg Gold Bars. Similarly, an investor can tokenize their physical Gold to 1000 CGO tokens as long as the physical gold meets quality standards and other tokenization requirements.

4.8 Vaulting and Storage

The physical gold bars are stored with Transguard in the UAE, a leading and internationally accepted vaults, on a segregated & allocated basis.

4.9 Zero Custodian Fees

CGO charges Zero custodian fees. Investors thus save on the storage cost & is free from risk of theft, hassles of transportation as the gold in custody is insured.

4.10 Digital Custodian

The CGO Gold tokens are supported by approved digital custodians like **Propine, Fireblocks, Copper**. The tokens stored with these custodians are held on a segregated basis with complete accountability and audit trail.

4.11 Self-Custodian Digital Wallet

CGO Gold Tokens are supported by leading digital Wallets like **D'cent, Mixin, Guarda, Ellipal, Opolo & Exchange wallets**. Investors can hold the tokens

securely in the wallet, view or transfer their balances. The wallets work on the fundamentals of cryptography to provide access to the owner only, thereby providing absolute security.

5. ComTech Gold Benefits

5.1 Hedge against Inflation

The value of a CGO tokens is pegged directly to the real-time market value of gold. This makes them ideal to have exposure in Gold to be used as a hedge against inflation.

5.2 Portfolio Diversification/Systematic Investment Plan

CGO tokens are an effective tool to achieve diversification of their portfolio. The minimal fluctuations in International Gold Prices benefits to diversify their holdings and look for stability in value. CGO being highly fungible is an excellent option for retail & institutional investors to support Systematic Investment plans wherein investors can invest in CGO with as low as 0.001 units.

5.3 Convenient to Transact

Investor does not require to physically visit ComTech Office or Jewelry shop to transact. The transactions can be made online at the comfort of home, it is as simple as shopping online for any product.

5.4 Gifting Tool / Utility Token

ComTech Gold (CGO) tokens are an effective tool for gifting your near and dear ones in precious metal – gold. The utility tokens can be used to pay against Salaries, Bonus, Rewards, Loyalty Points.

5.5 Shariah Compliant Gold Token

Readymade Shariah Compliant gold tokens to cater to Islamic Investors. Shariah compliant certification validates that the tokens are fully backed by gold which is stored securely in segregated, identifiable, and allocated manner. The CGO tokens follows 100% Shariah guidelines making it an ideal investment product for the local population and also for corporates who are looking for investments in Shariah Compliant products.

5.6 Easily Affordable

Fractionalization of CGO in smaller denominations makes it a very attractive, affordable, and easily accessible asset for smaller investors looking to invest in gold. It is now possible to transfer the rights for a small amount of gold, without physically dividing the gold bars.

5.7 Lending and Borrowing

Borrowing on the units held by the investors will allow investors to borrow using their Gold Tokens as collateral and thereby making use of their investments to avail loan facilities. Lending will help investors lend their idle gold and in return earn interest on the gold.

5.8 Redemption Option

The investors have an option of converting their tokens into physical 1kg gold bars of 999.9 purity and LBMA certified. Shortly, we are also introducing smaller denominations – (5gm, 10gm, 50gm, 100gm & 500 gm) where an investor can redeem them into smaller bars or exchange them for any gold jewelry purchases through a retail Jewelry shop.

5.9 Borderless Transactions

ComTech Gold (CGO) tokens are available for trading on leading international blockchain platforms thereby allowing investors to easily buy or sell them around the world, regardless of travel restrictions, customs, and borders.

5.10 Ease of Transfer

The client can freely transfer their CGO gold tokens from the Platform to an "external" wallet (i.e., located outside the Platform – for example, their personal wallet) and easily dispose them at their own discretion.

5.11 Taxes

Transactions in (CGO) are not subject to VAT (in UAE), unlike transactions in gold jewelry, which attracts a VAT.

6. Fees

Refer to [Fee Structure](#) for Information about the fees charged by ComTech Gold

7. Listing and Trading

The Gold tokens are currently listed and actively trading on leading blockchain exchanges - **LBank, BitMart & Bitrue**. We are also in discussions with multiple other exchanges for listing of the tokens.

8. Custody

The Gold are stored with Transguard in the UAE on a segregated & allocated basis. Regular audits and inspections are carried to ensure that there is complete traceability of the Gold which can be linked to the Tokens issued.

9. Market Making

Experienced market makers are appointed to ensure the availability of adequate liquidity and quotes to allow investors to buy and sell at any point of time.

10. Target Audience

ComTech Gold are a strong hedge against inflation and effective investment tool which caters to both retail investors as well as Corporates / Fund houses who want to take exposure in Gold.

- **Corporates**

Corporate houses often invest in various investment product as part of their treasury function. Some of these investments are in the form of traditional gold products. Corporates treasurers can have this investment in traditional gold be replaced with CGO tokens, wherein they can benefit from security of gold backing and at the same time free themselves from the hassle of managing physical gold storage or other nuances related to trading gold investments.

- **Fund Managers**

Fund Managers have investments in Gold in the form of ETF's and structured products. These exchange traded products have their own associated costs (recurring annual charges, entry / exit fees, demat charges, bid/ask spreads, etc.) which have an overall impact on the performance of funds. CGO tokens on the other hand can be looked upon as an alternative investment product which provides the necessary exposure towards gold but at a much cheaper cost. It satisfies the intrinsic craving for physical gold by providing the convenience of financial gold in terms of liquidity, effectiveness in tracking gold prices, and offers a completely allocated physical gold that is protected and kept in insured vaults with an option to convert the digital gold into physical gold of highest purity.

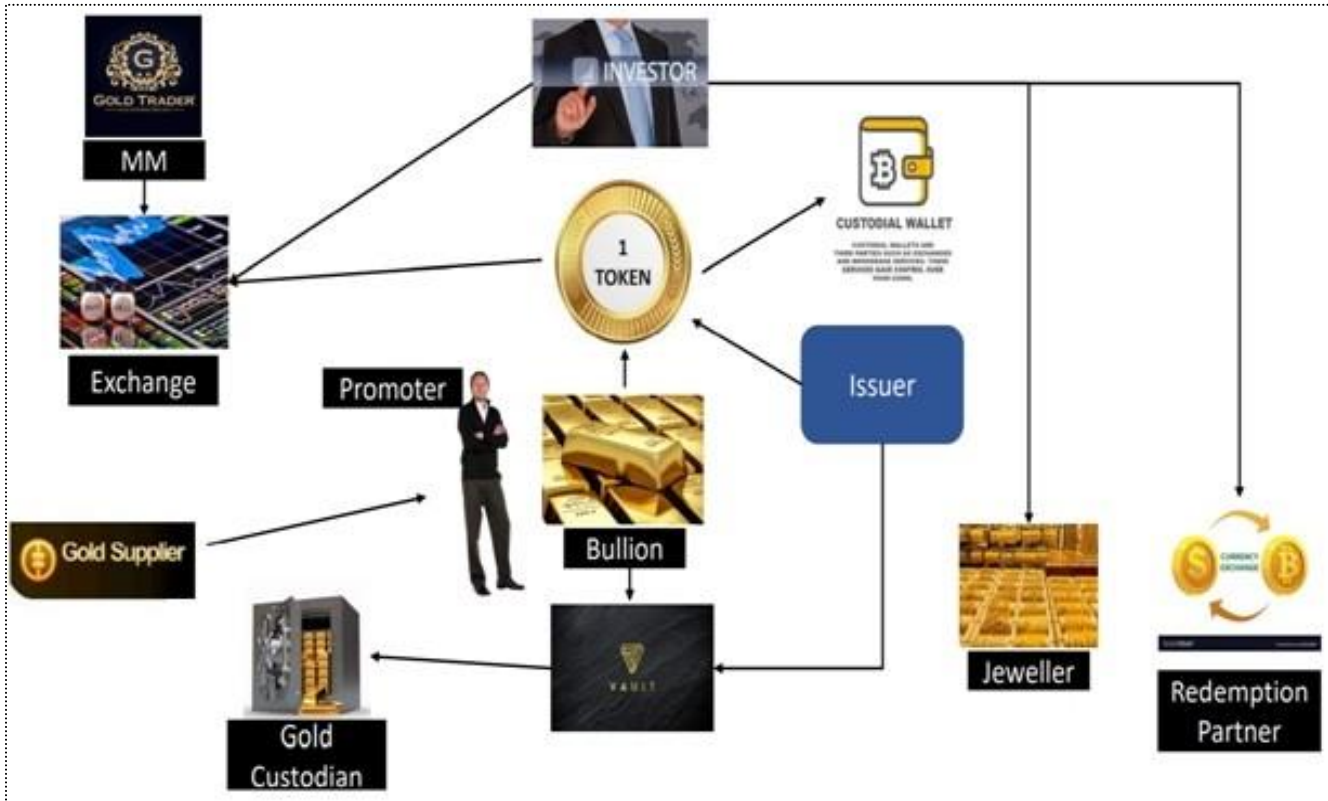
- **Retail Investors**

Retail investors are currently forced to invest in physical Gold if they want an exposure in Gold. This invariably requires them to pay an extra 5% to 10% over the market price of gold when investing in physical gold & suffer a loss when they want to sell their physical gold back to the Jewelers as the sale price offered by the Jeweler are at much discount to the current market price. This is in addition to the other hassles of buying physical gold like Storage, security, and quality of Gold. CGO tokens on other hand are priced at prevailing international gold prices with no extra costs like (Market Making charges, Demat Charges, Custody charges, AMC charges, etc) & offers convenience of buying, carrying gold in wallet & trading 24/7.

- **Brokers /Liquidity providers**

Brokers who offer various investment products to their investors, currently do lack a fully backed gold product for retail investors. They either have Gold Spot and Futures with a minimum size of 1 kg or Contract for Differential (CFD) products, which offers only the price hedge without any physical gold backing. CGO tokens become an ideal investment product which can be offered to retail investor since it offers them the benefit of Digital Gold as well as the Security of Gold backing. CGO is beneficial to intermediaries who want to offer Gold related product which is Digital & in secured form with a low transaction & maintenance fee.

PRODUCT DESIGN

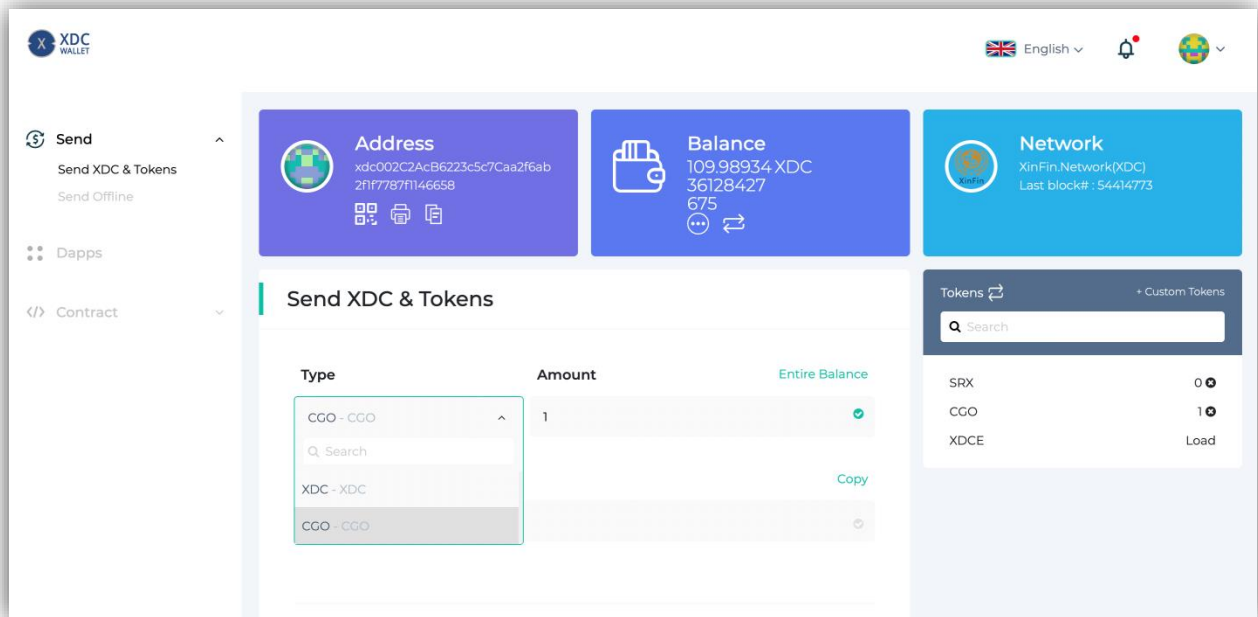


11. Technology

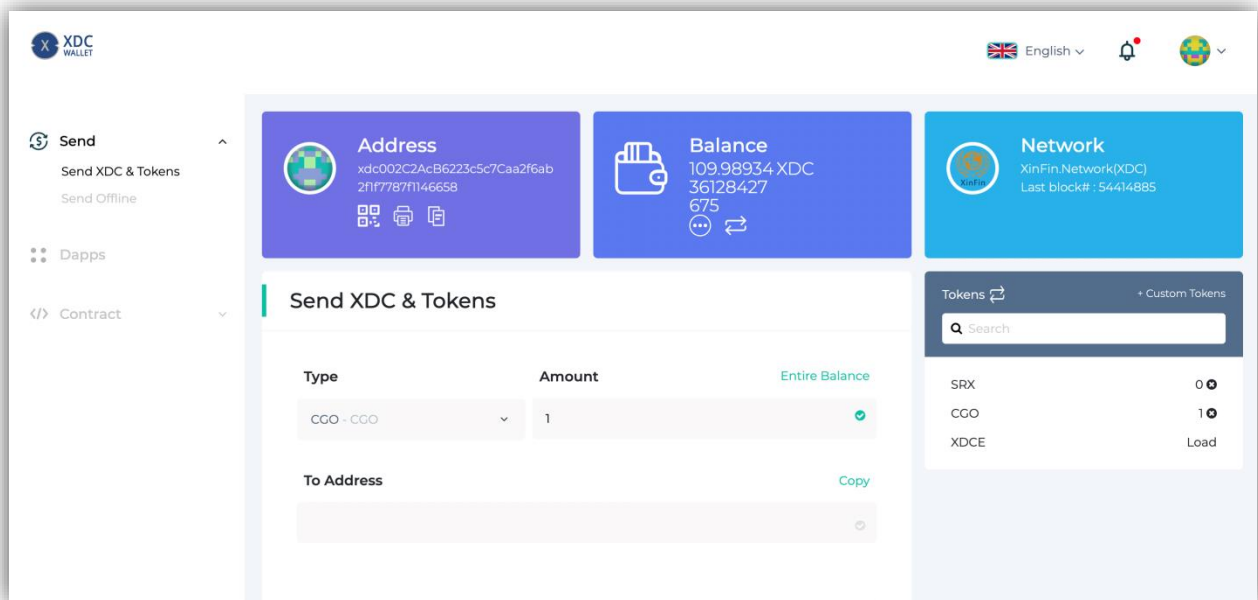
ComTech Gold “CGO” tokens are developed on the XDC Blockchain Network. XDC Network is the Layer 1 blockchain developer friendly “Delegated Proof of Stake” network (XDPOS) powering a wide range of blockchain use cases by enabling instant block finality, interoperable smart contracts, and hybrid relay bridges.

Following are few screenshots of the technology and wallet platform (using Web Wallet)

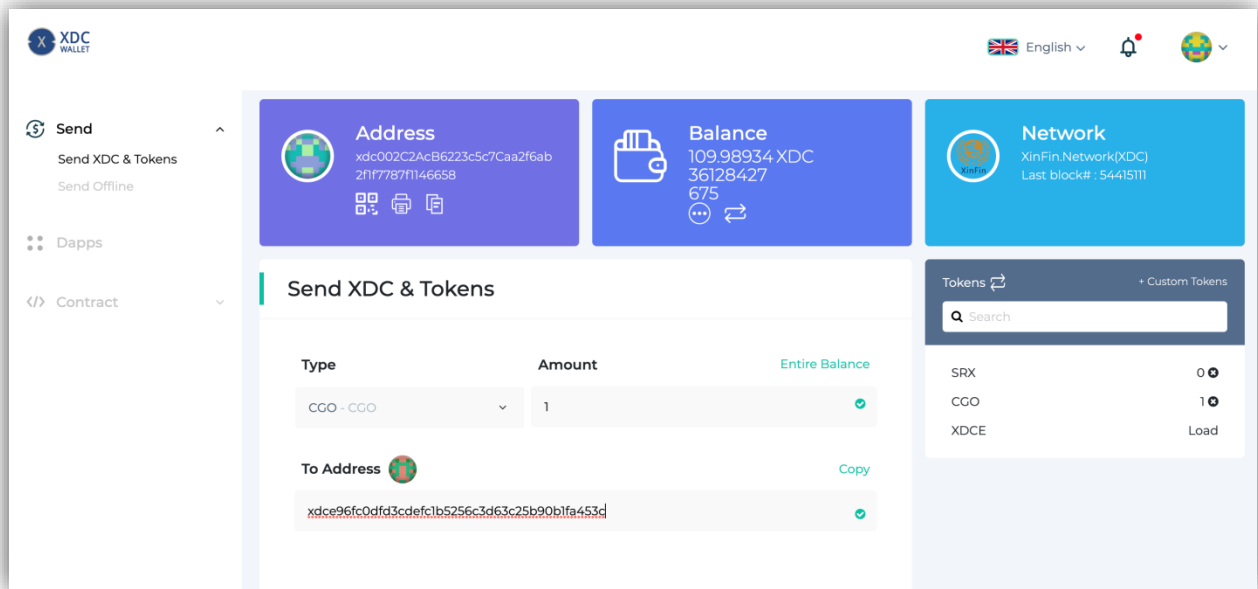
Screen 1: You can see the balance of ComTech Gold (CGO) tokens on the left side.



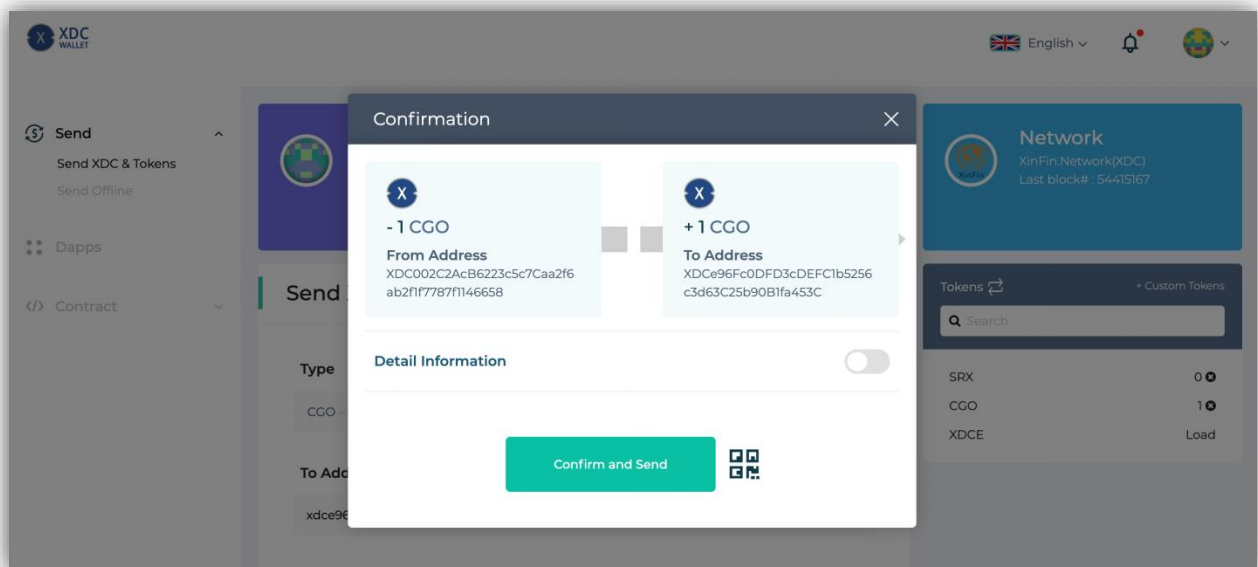
Screen 2: To send the ComTech Gold (CGO) tokens one needs to scroll down & select CGO.



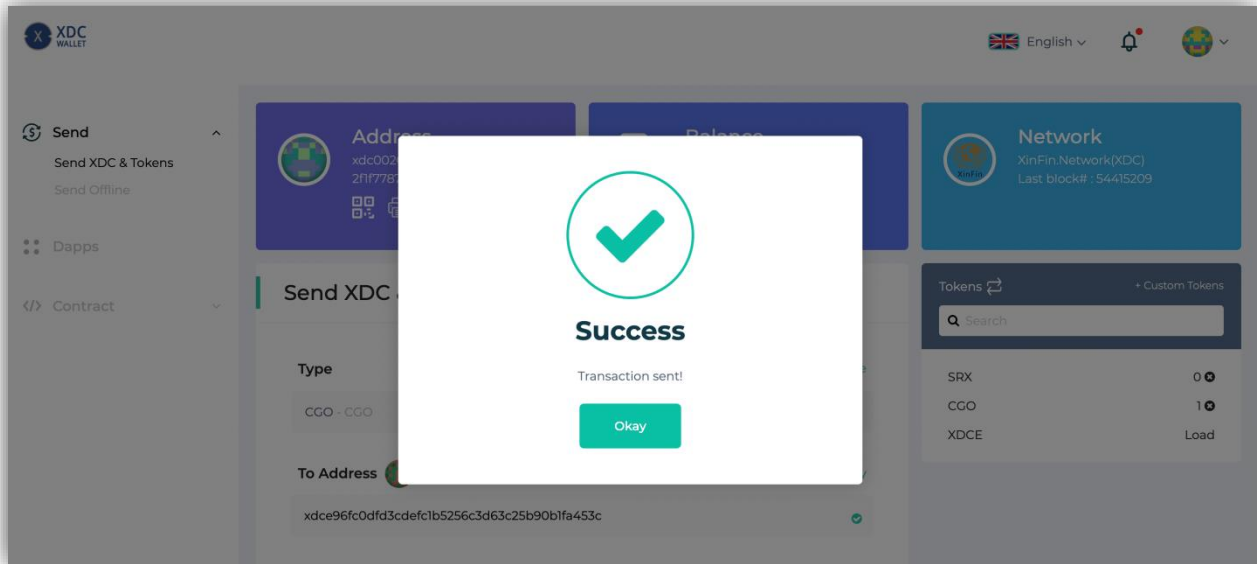
Screen 3: Enter the amount of comTech Gold (CGO) tokens you want to send and the address you want to send the tokens to.



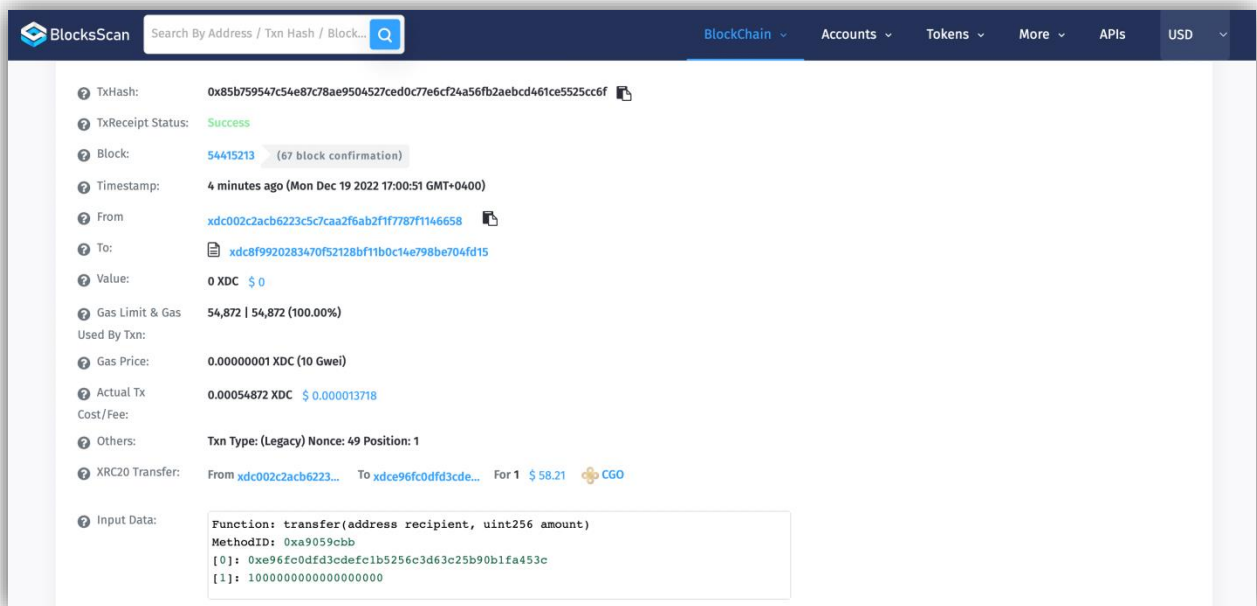
Screen 4: After confirming, the transaction tokens will be sent to the receiver address.



Screen 5: As the transaction is completed you can see the message as success. The entire transfer process takes 2-3 seconds with near-zero transaction fees.



Screen 6: The transaction can be viewed on XinFin Explorer where transaction tracking, recordkeeping, transaction completion & token transfer can be viewed & verified.



12. Roadmap



13. Disclosure and Risk

This White Paper presentation is provided as a goodwill gesture & without any representations or warranties. This is a marketing document and is not intended to be legally binding. It is also not a representation or warranty of any kind. Investment in gold is subject to market risk, changes in regulatory risk, political uncertainty risk, and investors should carefully consider the same before investing.

We invite you to

Experience The Magic of Digital Gold.

For more information,

Mail us on info@comtechgold.com

OR

Visit our website www.comtechgold.com