

GOLDZIP

WHITE PAPER

Bridging Traditional Gold and Modern Blockchain Technology

VERSION 1.1

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www.goldzip.info

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Version History

This edition (Version 1.1) supersedes Version 1.01, dated 5 November 2025. The table below summarises the principal changes between the two editions.

Version	Date	Summary of Changes
1.01	5 Nov 2025	Initial published edition — token overview, backing mechanism, issuance and redemption, use cases, compliance, tokenomics, partnerships, and risk disclosures.
1.1 <i>(current)</i>	June 2026	•Restructured into a reserve-architecture and operational-lifecycle framework. •Added a closed-loop issuance and redemption (mint & burn) diagram. •Added a three-phase development roadmap timeline. •Introduced the Proof-of-Reserve methodology, with monthly disclosure upon launch (previously quarterly). •Detailed HKPMAC assaying credentials (ISO/IEC 17025; HOKLAS 234). •Expanded the use cases to include collateralised liquidity, treasury optimisation, and ecosystem interoperability. •Added a comprehensive glossary and this document-control / version history. •Refreshed the document branding and title to “GoldZip White Paper”.

1. Executive Summary

1.1 The Evolution of Gold as an Asset

For millennia, gold has served as the foundational pillar of global wealth preservation, offering an unparalleled hedge against inflation, systemic economic volatility, and currency devaluation. Yet in the modern high-frequency digital economy, physical gold ownership remains burdened by legacy inefficiencies: high storage premiums, complex logistical friction, a lack of fractional liquidity, and lengthy cross-border settlement timelines.

1.2 The GoldZip Solution

The GoldZip Token (XGZ) bridges the gap between traditional tangible commodities and public cryptographic ledger technology. Operating as an ERC-20 smart-contract protocol on the Ethereum blockchain, each XGZ token is intended to represent a contractual claim to one gram of 99.99% investment-grade physical gold bullion held in custody on the token holder's behalf, subject to the applicable token terms, platform terms and custody arrangements. The precise legal nature of a holder's rights, the identity of the contracting counterparty, and the document hierarchy applicable to XGZ will be set out in the governing terms made available to participants. By combining the intrinsic trust of gold with the borderless, 24/7 transferability of blockchain architecture, GoldZip provides a programmable digital representation of gold.

2. Reserve Architecture and Trust Verification

2.1 The 1:1 Asset-Backing Model

The core economic integrity of GoldZip relies on an uncompromised 1:1 asset-backing architecture. The total circulating supply of XGZ scales dynamically and transparently based entirely on the verified weight of physical gold bars held within the network's vault infrastructure. Tokens are minted only after corresponding bullion has entered the custody pool, so that the protocol is designed to avoid fractional-reserve issuance.

2.2 The Proof-of-Reserve Methodology

To maintain absolute market confidence, GoldZip replaces traditional annual reporting cycles with a modern, rigorous asset-verification framework:

- **Independent Inventory Audits** — Independent precious-metals auditing firms conduct regular physical inspections of the storage facilities to count, weigh, and verify the serial numbers of all allocated gold bars (to be identified in each published proof-of-reserve report).
- **Cryptographic Supply Reconciliations** — The findings of these physical audits are cross-referenced directly against the public smart-contract ledger to confirm that the on-chain circulating supply precisely mirrors the audited physical inventory.
- **Monthly Disclosure Publication** — GoldZip intends to publish proof-of-reserve reports monthly once the platform is operational, subject to auditor availability, operational constraints, regulatory requirements, methodology updates and force majeure events, giving institutional and retail holders periodic, verifiable insight into the protocol's collateralisation health.
- **Allocation Lookup** — Holders can enter an Ethereum address on the GoldZip portal to view the XGZ balance held at that address and the serial numbers, refiner, weight and fineness of the reserve bars allocated to it.

3. Corporate Structure and Strategic Mainstay

3.1 Corporate Founding and Jurisdiction

The XGZ tokens are issued by GoldZip Company Limited (the “Issuer”), a company incorporated in the British Virgin Islands with its registered office at OMC Chambers, Wickhams Cay 1, Road Town, Tortola, British Virgin Islands. The Issuer is responsible for token issuance and holder-facing obligations under the applicable token terms. The operator of the XGZ smart-contract infrastructure, secure portal interfaces and related digital services (the “Operator”) is to be appointed by the Issuer and will be notified to participants; pending such appointment, the Issuer performs those functions itself. Custody is provided by gold vault operators appointed by the Issuer; assaying, logistics, reserve verification and market-access services may be provided by third-party or affiliated service providers appointed by the Issuer under their respective contractual arrangements.

Nature of Holder Rights. XGZ is intended to represent a contractual claim against the Issuer for the redemption of physical gold in accordance with the applicable token terms. It is not intended, of itself, to confer legal title to, or any beneficial ownership, trust, custody or bailment interest in, any specific gold bar unless and to the extent expressly provided in the governing terms. The contracting counterparty for holder-facing obligations is the Issuer, GoldZip Company Limited. The definitive legal position is set out in the token terms, custody terms and platform terms made available to participants; in the event of any inconsistency between this White Paper and those governing terms, the governing terms prevail.

3.2 The Hong Kong Gold Exchange (HKGX) Legacy

GoldZip Company Limited is a subsidiary of the Hong Kong Gold Exchange (HKGX). HKGX was established in 2025 through the corporatisation of the Chinese Gold & Silver Exchange Society (CGSE), whose heritage spans more than 115 years. This corporate heritage provides GoldZip with access to bullion-market relationships, physical verification experience and precious-metals market infrastructure. Unless expressly stated in writing, neither HKGX nor any governmental, regulatory or exchange authority in any jurisdiction guarantees, endorses, approves or insures XGZ, its value, its redemption, or its performance.

4. The GoldZip Operational Lifecycle

4.1 The Minting and Issuance Process

The generation of GoldZip Tokens (XGZ) follows a strict, security-first workflow designed to ensure that every digital token corresponds exactly to a physical gram of investment-grade gold.

1. **Deposit Verification.** To guarantee institutional-grade origin tracking, physical gold deposits into the GoldZip ecosystem are strictly restricted to verified members of the Hong Kong Gold Exchange (HKGX) during the initial rollout phase, ensuring that all initial reserve assets originate from highly regulated, reputable market participants.
2. **Secure Custody Intake.** Upon delivery by an approved HKGX member, the bullion is transferred directly into a high-security, specialised precious-metals vault providing institutional-grade security, insurance coverage and distinct physical allocation protocols. Any insurance coverage is subject to the policy limits, exclusions, deductibles, claims procedures and terms maintained by the relevant vault operator, custodian or insurer, and should not be interpreted as full insurance or unconditional recovery for all losses.
3. **Assaying.** The deposited gold undergoes rigorous inspection and chemical analysis to verify purity, weight, and authenticity. All procedures are executed by the Hong Kong Precious Metals Assay Center (HKPMAC), an ISO/IEC 17025 laboratory accredited under HOKLAS (registration

No. 234) and wholly owned by HKGX. Only bullion meeting the 99.99% fineness standard is accepted into the reserve pool.

4. **Smart Contract Minting.** Once the digital certificate and assaying sign-offs are cryptographically verified, the GoldZip Ethereum smart contract executes the minting function

at the exact ratio of 1 XGZ = 1 gram of 99.99% physical gold. The newly minted tokens are deployed directly to the depositor's whitelisted wallet.

4.2 The Redemption and Settlement Lifecycle

Verified token holders may reverse the process — surrendering tokens to redeem physical gold, subject to a minimum redemption denomination of one kilogram.

- 1. Request Initiation and Verification.** The holder submits a formal redemption request via the secure GoldZip portal, specifying the desired physical withdrawal location and depositing the corresponding XGZ into the clearing smart contract. Standard corporate or individual compliance checks must clear before asset release is authorised.
- 2. Token Burning.** Upon successful verification, the clearing smart contract permanently burns the submitted XGZ, removing them from circulation forever and maintaining an immutable 1:1 equilibrium between tokens in existence and physical weight in the vaults.
- 3. Physical Allocation and Asset Handover.** Following the burn, instructions are transmitted to the vault operator to release the corresponding bullion. To preserve operational efficiency, physical redemptions are subject to a standard minimum denomination of one kilogram of 99.99% pure gold bars, taken in delivery by the verified holder or an authorised secure-logistics representative.

While XGZ is designed for physical redemption, large-scale withdrawals or specific geographic requests are managed in alignment with localised vault capacities, compliance verification, and standard operational timelines. Where a request exceeds immediate local inventory, GoldZip may employ established institutional clearing mechanisms and multi-vault logistics to support fulfilment across its global network. Redemption may be delayed, restricted or suspended due to compliance reviews, sanctions screening, vault capacity, logistics constraints, force majeure events, legal restrictions, market disruption, insolvency proceedings or other circumstances outside GoldZip's control.

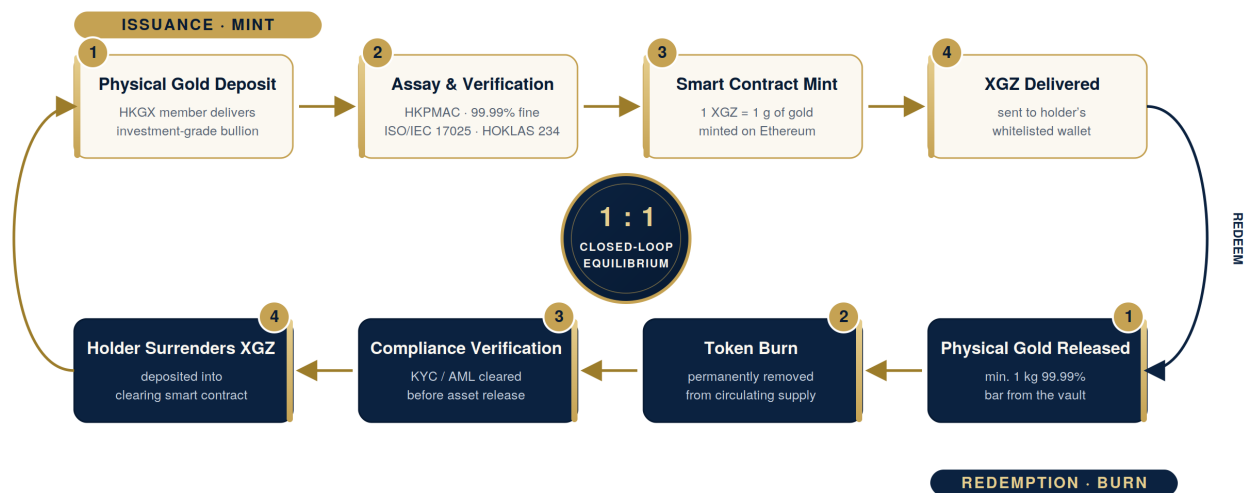


Figure 1. The GoldZip closed-loop issuance (mint) and redemption (burn) cycle.

5. Use Cases

The GoldZip Token (XGZ) is a digital asset that combines the stability of physical gold with the transactional efficiency of public blockchain architecture. The following use cases are illustrative functional capabilities only and do not constitute investment advice, asset-management recommendations, a regulated investment product, an offer of investment returns, an assurance of

value retention, or an expectation of profit. Through fractional holding, transparency, and settlement functionality, XGZ addresses certain structural inefficiencies of traditional gold holding and supports a broad range of modern applications in jurisdictions where it may lawfully be offered and held:

- **Cross-Border Transactions.** Transfer gold-backed value instantly and securely across borders without physically moving metal, reducing cost, delay, and transportation risk.
- **Wealth Preservation.** Hold gold in a digital format that preserves the metal's historic stability while adding the convenience and accessibility of blockchain — an ideal long-term store of value in volatile environments.
- **Hedging Against Inflation.** Protect purchasing power during currency devaluation with a secure, liquid alternative to traditional gold investments.
- **Corporate Treasury Management.** Diversify treasury reserves with a stable hard asset that is insulated from the inflation and geopolitical risks affecting fiat currencies.
- **Gift and Inheritance.** Transfer wealth across generations seamlessly, without the complexity and cost of moving physical gold.
- **Charitable Donations.** Enable non-profits to accept transparent, traceable contributions recorded on an immutable ledger.
- **Portfolio Diversification.** Reduce overall portfolio risk and enhance resilience by adding a gold-backed allocation, particularly during periods of market volatility.
- **Global Accessibility.** Democratise gold ownership through fractional units, allowing participation with minimal capital in jurisdictions where XGZ may lawfully be offered and held.
- **Asset-Collateralised Liquidity.** Rather than liquidating a defensive position, institutional holders may deposit their allocated contractual claim into external third-party smart contracts or credit facilities as high-grade collateral — preserving gold exposure while unlocking working capital. GoldZip does not sponsor, operate, endorse, recommend or assume responsibility for any third-party DeFi protocol, lending arrangement, staking service, liquidity pool, structured product, margin facility or collateralised transaction involving XGZ.
- **Treasury Optimisation for Digital Protocols.** Offer decentralised treasuries and Web3 enterprises a native, commodity-backed counterweight to volatile digital assets and inflationary fiat exposure, directly on their electronic balance sheets.
- **Ecosystem Interoperability.** Built on the open ERC-20 standard, XGZ grants holders full sovereignty to deploy their tokens across external decentralised applications at their own discretion. Neither the Issuer nor the Operator operates or facilitates any yield, margin, or structured financial products.

6. Compliance Framework and Financial Integrity

GoldZip is committed to upholding the highest standards of financial integrity and robust adherence to the global risk-management frameworks that govern digital assets and precious-metals ecosystems. As the international regulatory landscape matures, the Issuer maintains a proactive posture — systematically aligning its internal controls with global best practice to protect participants, promote counterparty transparency, and mitigate systemic risk.

6.1 Operational Grounding and Legal Standards

GoldZip Company Limited, the Issuer, is incorporated in the British Virgin Islands, an English-common-law jurisdiction whose financial-services and AML/CFT regime is supervised by the BVI Financial Services Commission. While navigating the borderless digital-asset economy, GoldZip designs its controls to respect jurisdictional boundaries and meet the baseline expectations of institutional finance, benchmarking its compliance architecture against top-tier international standards.

6.2 Institutional KYC and Anti-Money Laundering (AML) Controls

GoldZip implements KYC and AML controls aligned with industry best practice, as described below. Key pillars include:

1. **Identity Verification.** All participants clear a comprehensive onboarding protocol — verified government identification, proof of address, and detailed beneficial-ownership documentation for institutional entities — before interacting with the ecosystem.
2. **Risk-Based Customer Due Diligence (CDD).** A dynamic, risk-based approach applies Enhanced Due Diligence to high-risk profiles, politically exposed persons (PEPs), and complex jurisdictions, with thorough source-of-wealth validation.
3. **On-Chain Transaction Monitoring.** Digital-asset movements are examined in real time using automated analytics and AI-driven Know Your Transaction (KYT) protocols that flag anomalous velocity and block addresses linked to illicit origins or cyber threats.
4. **Global Sanctions Screening.** Continuous automated screening cross-references all participants against real-time global sanctions lists maintained by major international bodies and financial authorities.
5. **Comprehensive Record-Keeping.** Identity records, compliance verifications, and historical transactions are securely archived for a minimum of five years, ensuring immediate audit readiness.
6. **Data Privacy and Security.** Strict data-protection measures secure sensitive participant information in accordance with applicable data protection laws, including the Data Protection Act, 2021 of the British Virgin Islands and the Personal Data (Privacy) Ordinance (Cap. 486) of Hong Kong, where applicable.

6.3 Jurisdictional Compliance and Responsibility

Because digital assets are globally accessible, the regulatory classification of gold-backed tokens varies significantly by region. GoldZip continuously monitors evolving international guidelines. Participants are explicitly advised that they are solely responsible for ensuring that their acquisition, holding, or redemption of XGZ complies with the laws, tax obligations, and licensing requirements of their home jurisdictions, and should seek independent legal counsel before participating.

6.4 Commitment to Compliance Excellence

GoldZip consistently collaborates with specialised legal experts, cybersecurity professionals, and seasoned compliance officers to adapt its ecosystem to emerging risks. By embedding rigorous risk mitigation into its core technology stack, GoldZip establishes a trustworthy, transparent, and resilient framework for physical gold tokenisation.

7. Market Dynamics and Cost Structure

7.1 Transaction Fees and System Costs

To maintain a sustainable, transparent, and accessible ecosystem, GoldZip implements a competitive financial structure that minimises frictional costs for institutional and retail participants alike:

- **Issuance Infrastructure Fees.** A clear charge when converting validated physical gold into XGZ, covering institutional-grade assaying, custody allocation, compliance processing, and smart-contract execution.
- **Redemption Settlement Fees.** A fee covering the administrative handling and secure-logistics coordination required to facilitate physical delivery across the recognised global vault network.
- **Vaulting and Maintenance Integration.** GoldZip incorporates vaulting and insurance costs into its overall fee model; all applicable fees are described above.
- **On-Chain Network Fees.** Standard Ethereum gas fees apply to peer-to-peer transfers and allocations, paid directly to network validators.
- **Secondary Market Trading Fees.** Competitive transaction fees may be applied by external centralised or decentralised venues when participants buy or sell XGZ on secondary markets.

Operational note: storage policies, clearing parameters, and associated system costs remain subject to periodic institutional review to align with global logistics trends. Any structural adjustments will be communicated transparently to token holders through official channels.

7.2 Market Liquidity and Commercial Integration

XGZ is designed to be accessible across three primary marketplace vectors:

- **Centralised Trading Venues (CEXs).** Collaboration with top-tier platforms to list XGZ against major fiat currencies and high-volume stablecoins, providing familiar order-book depth and rapid execution.
- **Decentralised Finance (DeFi) Ecosystems.** The universally accepted ERC-20 standard lets XGZ interface automatically with AMMs, DEXs, and public liquidity pools for peer-to-peer trading independent of intermediaries. Any interface with AMMs, DEXs or public liquidity pools is initiated by token holders or third parties; GoldZip does not control, operate or guarantee any such external market, smart contract or liquidity venue.
- **Over-the-Counter (OTC) Desk Networks.** Relationships with specialised institutional OTC desks allow corporate treasuries, funds, and bullion dealers to execute significant volume with minimal slippage and zero disruption to public spot pricing.

7.3 Operational Governance and Security Oversight

- **Physical Reserve Verification.** Regular independent reconciliations confirm that the circulating supply precisely reflects the allocated gold held in world-class, high-security vaults.
- **Smart Contract Guardrails.** The XGZ contract employs advanced multi-signature protocols and structural constraints to prevent unauthorised token generation and maintain an immutable ledger.
- **Institutional Parent-Company Synergy.** GoldZip is affiliated with HKGX, which traces its heritage to the CGSE (established 1910).

8. Partnerships

the Issuer has established key partnerships to enhance the security, liquidity, and accessibility of the GoldZip Token (XGZ):

- **Hong Kong Precious Metals Assay Center (HKPMAC).** A HOKLAS-accredited laboratory (registration No. 234) that assures the purity and quality of the gold backing XGZ through rigorous testing and assay processes.
- **Gold Vault Operations.** Custody of reserve bullion is provided by internationally recognised institutional vault operators appointed by the Issuer, to support secure storage, audited custody and redemption access, subject to custodian terms, local capacity and applicable law.
- **Abt Tech Limited.** The blockchain technology partner that developed GoldZip's ERC-20 smart contracts as well as the Supply and Redemption Portals enabling gold deposit, token minting, and physical redemption — ensuring security, efficiency, and scalability.

9. Future Roadmap

GoldZip's development vision is set out across three phases below. This roadmap is a statement of intent only and not a binding commitment; milestones may change, be delayed, or may not be achieved. All roadmap items are aspirational and subject to regulatory approval, commercial negotiation, technical feasibility, market conditions, third-party consent and operational readiness; no listing, banking relationship, sovereign pilot or liquidity arrangement is guaranteed.



Figure 2. The GoldZip three-phase development roadmap.

9.1 Phase 1 — Ecosystem Establishment (Q1 2026 – Q2 2026)

- **Smart Contract Audits.** Complete comprehensive third-party security audits of the XGZ ERC-20 contracts and mint/burn protocols.
- **Platform Launch.** Formally launch the GoldZip Issuance and Redemption Portals for verified HKGX members.
- **Initial Exchange Listings.** Secure listings on leading DEXs and initial centralised platforms to establish baseline liquidity.
- **Assay & Custody Integration.** Finalise operational workflows with HKPMAC and internationally accredited vaults for seamless physical onboarding.

9.2 Phase 2 — Market Expansion and Infrastructure Alignment (Q3 2026 – Q4 2026)

- **Global Vault Expansion.** Onboard additional accredited vaults in strategic hubs including Singapore and London to expand localised redemption options.
- **Sovereign Tokenisation Pilots.** Explore participation in interbank settlement pilots, subject to invitation or approval by the relevant authorities.
- **Institutional Banking Interoperability.** Explore partnerships with commercial banks within regulatory sandboxes, subject to applicable approvals.
- **Tier-1 Exchange Onboarding & OTC Network.** Deepen trading volume through Tier-1 listings and expand dedicated OTC desk partnerships for high-volume treasury allocation.

9.3 Phase 3 — Web3 and Discretionary Ecosystem Integration (2027+)

- **Open Access Deposit System.** Transition from the HKGX member-only phase to broader institutional gold deposits, subject to strict purity and compliance verification.
- **Cross-Chain Interoperability.** Explore secure bridging to prominent Layer-2 networks and alternative EVM-compatible chains.
- **Institutional Collateral Frameworks.** Explore technical compatibility with external collateral frameworks, without operating, endorsing or guaranteeing any third-party credit, lending or DeFi activity.
- **Commodity-Backed Treasury & Continuous Auditing.** Collaborate with DAOs and Web3 enterprises on balance-sheet diversification while maintaining evolving live audit and proof-of-reserve dashboards.

10. Conclusion and Disclaimer

10.1 Conclusion

The GoldZip Token (XGZ) bridges the historical stability of physical gold with the cryptographic efficiency and speed of the Ethereum blockchain. By anchoring every token 1:1 to 99.99% investment-grade bullion verified by HKPMAC, GoldZip introduces a liquid, secure, and transparent digital alternative to traditional gold asset management. Drawing on the institutional heritage of the Hong Kong Gold Exchange, the platform is designed to reduce traditional barriers to gold ownership and offers a tool for corporate treasury optimisation, cross-border commercial movement, and modern digital applications.

10.2 General Disclaimer

The information contained in this White Paper is provided for informational and educational purposes only and does not constitute financial, legal, investment, or tax advice. Prospective participants are strongly encouraged to consult their own qualified financial, legal, and tax advisors before making any decision to acquire, hold, or redeem XGZ. The acquisition, holding, or redemption of digital tokens involves inherent market, technical, and regulatory risks.

- **Informational — Not a Sales Document.** This White Paper is provided for information only and is not intended to constitute an offer or solicitation to the public in any jurisdiction where such an offer would be unlawful, and no offer of XGZ is made except in compliance with applicable law. Prospective participants should rely only on their own independent assessment.
- **No Promise of Value or Yield.** GoldZip intends XGZ to represent a claim on physical gold rather than equity or debt in any corporate entity; its legal and regulatory classification may vary by jurisdiction and is not guaranteed. GoldZip does not offer, manage, or facilitate yield schemes, margin capabilities, or structured products; any engagement with third-party platforms is at the sole discretion of the token holder.
- **Secondary Market and Protocol Indemnification.** Any presence of XGZ on CEXs, DEXs, liquidity pools, or DeFi protocols results entirely from independent actions of token holders and market participants. GoldZip Company Limited functions strictly as the XGZ issuer, while the Operator (as appointed by the Issuer) operates the platform and related digital services. Neither entity accepts liability for losses, smart-contract vulnerabilities, platform insolvencies, or adverse events arising from secondary markets or third-party applications.

- **Regulatory Changes.** The digital-asset regulatory framework is subject to rapid transformation. Changes in local legislation, tax policy, or licensing may affect a participant's ability to hold or transact. GoldZip makes no representations regarding the legal classification of XGZ outside its scope of operation. **Prospective holders should seek independent financial, legal, and tax advice and should not rely solely on this White Paper in making any decision to acquire, hold, or redeem XGZ.**
- **Participant Responsibility.** It is the exclusive responsibility of any prospective holder to perform comprehensive due diligence and ensure full compliance with the laws, regulations, and tax requirements applicable in their home jurisdiction before interacting with the ecosystem.
- **Insolvency and Asset Segregation.** Reserve gold is intended to be held on an allocated and segregated basis with independent custodians under the applicable custody arrangements. The definitive legal structure of reserve holding — including whether reserves are held on trust for holders or would be insulated from the claims of creditors in an insolvency of the Issuer, the operator, any custodian or other service provider — is determined solely by the governing token and custody terms and applicable law and has not been finally determined as at the date of this White Paper. No assurance of priority recovery or bankruptcy remoteness is given, and holders should review the governing terms for the definitive position.

Appendix

A.1 The Companies

GoldZip Company Limited is incorporated in the British Virgin Islands as the issuing entity for the GoldZip Token (XGZ) and is a subsidiary of the Hong Kong Gold Exchange (HKGX). The operator of the GoldZip platform and related digital services is to be appointed by the Issuer. HKGX, which traces its lineage over 115 years to the Chinese Gold & Silver Exchange Society (CGSE). The companies engage users, technology vendors, storage and logistics partners, information vendors, and trading venues to deliver the XGZ service — combining HKGX's century-long expertise in precious metals with the Issuer's digital-asset operations.

A.2 About the Author

Barry Ip, Director of GoldZip Company Limited, has over 30 years of experience in derivatives trading. He entered the cryptocurrency space in 2014 and has been a pioneer in stablecoin development and implementation. His extensive background in financial derivatives and early adoption of blockchain technologies position him as a thought leader in the digital-asset space, bridging traditional finance with innovative blockchain solutions.

A.3 Related Links

Official website: www.goldzip.info

Glossary

The following definitions clarify the key technical and regulatory terms used throughout this White Paper.

Term	Definition
Asset-Backed Token	A digital token whose value is secured by a tangible underlying asset that is held and verifiably allocated to the holder. XGZ is an asset-backed token representing physical gold.
Blockchain	A decentralised, tamper-resistant digital ledger replicated across many independent nodes, enabling secure value transfer without a central intermediary.

Term	Definition
Burning / Minting	Minting creates new XGZ when verified gold is deposited; burning permanently removes XGZ from circulation upon redemption, preserving the strict 1:1 balance.
CDD / EDD	Customer Due Diligence is the baseline process of identifying and risk-rating a customer. Enhanced Due Diligence is the deeper review applied to higher-risk customers, PEPs or jurisdictions.
CEX / DEX	A Centralised Exchange custodies user assets and operates an order book; a Decentralised Exchange lets users swap tokens peer-to-peer directly through smart contracts.
DeFi	Decentralised Finance — blockchain-based financial services such as trading, lending and collateral, delivered through smart contracts rather than traditional intermediaries.
ERC-20	The prevailing Ethereum token standard defining how fungible tokens are issued, transferred and managed, ensuring interoperability across wallets, exchanges and DeFi protocols.
Ethereum	A programmable blockchain supporting smart contracts and decentralised applications; the settlement layer on which XGZ is issued.
Gas Fee	The network charge paid to Ethereum validators to process and permanently record a transaction.
HKGX	The Hong Kong Gold Exchange — Hong Kong's sole physical precious-metals exchange, with a heritage exceeding 115 years and GoldZip's parent institution.
HKPMAC	The Hong Kong Precious Metals Assay Center — an ISO/IEC 17025 and HOKLAS-accredited (No. 234) laboratory owned by HKGX that assays the gold backing XGZ.
HOKLAS	The Hong Kong Laboratory Accreditation Scheme, the government accreditation programme under which HKPMAC is certified.
Issuer	GoldZip Company Limited, a company incorporated in the British Virgin Islands (Company No. 2056034), which issues XGZ and is the contracting counterparty for all holder-facing obligations, including redemption.
KYC / AML	Know Your Customer and Anti-Money Laundering — the identity-verification and monitoring controls that prevent illicit use of the platform.
KYT	Know Your Transaction — real-time on-chain analytics that screen fund flows for links to sanctioned, high-risk or illicit addresses.
Multi-Signature Wallet	A wallet requiring approval from multiple authorised parties before a sensitive transaction, such as minting or burning, can execute.
Operator	The person appointed by the Issuer from time to time to operate the GoldZip platform, portals and related digital services on the Issuer's behalf. Until an Operator is appointed, the Issuer performs the Operator's functions itself; the appointment of an Operator does not relieve the Issuer of its obligations to holders.

Term	Definition
PEP	Politically Exposed Person — an individual whose prominent public role warrants enhanced due diligence.
Proof-of-Reserve	The verification framework that cross-references independently audited physical gold inventory against the on-chain circulating token supply.
RWA	Real-World Asset — a tangible or off-chain asset, such as gold, represented as a token on a blockchain.
Smart Contract	Self-executing code stored on a blockchain that automatically performs agreed actions once predefined conditions are met.
Tokenisation	The process of representing ownership of a physical or financial asset as a transferable digital token on a blockchain.
XGZ	The GoldZip Token — an ERC-20 token on Ethereum, each unit representing a contractual claim to one gram of 99.99% investment-grade physical gold.

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