

PRIVATE PLACEMENT PROGRAM



QUANTUM GOLD

NOVEMBER 2017



OUR VISION

“Being a well-received cryptocurrency backed by gold,
Having unlimited growth potential, and
Bringing green and technology to gold mines”



1 ABSTRACT

Quantum Gold Token (QTG Token) is a cryptocurrency running on Ethereum platform. It is backed by our physical gold reserve and forthcoming production of gold metal from selected gold mines. With its blockchain technology, QTG will enable transparency and trusted P2P exchanges, hence revolutionizing the eco-system in gold related businesses, from mining, production management, to exchange and storage.

The cryptocurrency is backed by Real 999 Gold Reserve (RGR) and Growing Token Reserve (GTR). It operates an end-to-end ecosystem that ensures continuous cycle for fuelling the growth and long-term benefits of QTG Token owners. Our ecosystem and cycle operate as follows:

- 1) For each QTG Token sold, half of the proceeds, net of expenses, from token sales will be allocated to purchase physical 999 gold and be stored in Real Gold Reserve (RGR). Remaining half of the proceeds will be stored in Growing Token Reserve (GTR), which will invest in selected gold mines; whereby, every year in return, an agreed portion of gold production from the mines will go to the Real Gold Reserve (RGR).
- 2) In every calendar year QTG will liquidate up to 10% of the total RGR to purchase (buy back) QTG Tokens from open 3rd party exchanges. For the QTG Tokens purchased, net of expenses, will be added back to the Growing Token Reserve (GTR), which will harvest other new mines in next years to come.
- 3) Upon meeting predefined conditions in the DAO model, QTG Tokens in the GTR will be mobilized to facilitate a new Token Sales cycle targeting private professional investors. Proceeds from token sales will go through another cycle as outlined in (1). This cycle will continue and fuel the eco-system of QTG Tokens. These mechanisms will be handled and managed through a blockchained and DAO model.

4) Upon fulfillment of the total token sales target (120,000,000 QTG tokens) and meeting predefined conditions in the DAO model, the foundation may issue new tokens to acquire selected gold mines. This ongoing approach will fuel token value by new quality assets, and with that we could then decide the phasing and pacing to surface gold underground.

5) The foundation will proactively invite mine companies which prefer to keep control of their shares to launch independent token sales program on the QTG Blockchain. This in return enriches the QTG ecosystem and creates extra demand for QTG tokens.

QTG Token offers token owners the intrinsic upside growth potential prominently created in the cryptocurrency market. The downside risk is limited and minimized, with its value backed by physical gold reserve, the buyback policy and forthcoming gold production from selected mines.

This white paper provides the pathway to a brand-new platform governed by a decentralized autonomous organization (“DAO”), which shall be jointly developed by Goldford Informatics Limited and Macau Quantum Gold Blockchain Technology Limited (the “Foundation”). The former is a technology and operation management company in Hong Kong since 2009, and the latter is the token issuing company. The venture operation and project is backed by international investors including Chia Tai Hengrun Investment Co. Ltd.

Use of proceeds will be audited by an appointed CPA firm. Our operations, marketing and promotion will strictly comply with respective legal requirements and restrictions in different jurisdictions. The Foundation will primarily operate in Macau.

2 CRYPTOCURRENCY AND ETHEREUM

Ethereum is an open, decentralized computing platform that works off the blockchain technology, which allows users to create and deploy decentralized software and applications. With Ethereum, it enables smart contracts and applications to be built and run exactly as programmed without any intermediary and in an immutable manner. Ethereum is useful and valuable because of its ability to have a wide variety of intelligent applications built on top of it, including anything from financial contracts to voting and governance applications.

Cryptocurrency is a form of digital or virtual currency for which encryption techniques are used. Units of cryptocurrency exist as data on the Internet, and are created and managed through blockchain which track every transaction and those transactions become a public record. In recent years, rising values of leading cryptocurrencies like Bitcoin (BTC) and Ethereum (ETH) have largely outperformed the market, and many investors have started to include cryptocurrencies in their portfolios because of their enormous growth potential and as a hedge against risks in a position similar to gold.



3 GOLD

Gold has been revered as a symbol of wealth and prosperity for millennia and is the proven, quality, long-term wealth store. Gold has managed to maintain its value through the ages and it has been a stable way to pass on and preserve the value of wealth from one generation to the next. It is a safe haven in tough economic times. Gold therefore has been long valued for its investment benefits as well as a hedge against investment risks.

Wall Street analysts are bullish on the outlook for gold. Major firms including Goldman Sachs have revised gold price targets. While rising rate from Fed may put pressure on gold, GS believes it will be offset by factors including lower expected returns on US equities, income acceleration in emerging markets to support gold prices and expected gold mine supply peaking in 2017. (Source: Market Realist, Jul 5 2017)

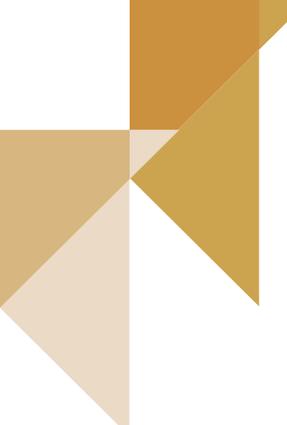




4 GLOBAL GOVERNANCE TREND

Increasing Scrutiny on Token Sales

- Token sales is receiving increasing scrutiny by global regulators.
- Many token sales projects were introduced without a valid value proposition of their tokens - they are fund raising activities to bypass securities laws (security tokens). Several token sales projects incurred investor losses due to hack (The DAO), bad governance (Tezos) and other incidence.
- Several countries banned token sales, including China and South Korea.
- In the US, if a token falls into the definition of "securities" as defined by the Howey Test then it needs to comply with US securities laws.
- Russian President Vladimir Putin has mandated new regulations around cryptocurrencies, including registration requirements for miners and the application of securities laws to initial coin offerings.
- Swiss Financial Markets Supervisory Authority (FINMA) is investigating token sales. The Crypto Valley Association recently came out in favor of a code of conduct as a means to encourage the community to foster best practices and weed out scammers. Switzerland still offers the best environment for Token Sales project as it allows the foundation structure to receive proceeds from token sales.



Regulators Not Encouraging Speculations On Cryptocurrencies

- Overall Switzerland and Singapore are considered two most advanced countries in creating a welcoming environment for fintech and cryptocurrency. Majority of countries do not publish any legislations that defines the status of cryptocurrency as a currency.
- Due to increasing speculations on cryptocurrencies, and their use in money laundry and other illegal transactions, China has banned the exchange between cryptocurrencies and fiat currency in centralized exchanges (OTC trading still allowed).
- Australia announced their plan to better regulate cryptocurrency exchanges in order to strengthen the Anti-Money Laundering and Counter-Terrorism Financing Act.
- Japan is the most crypto-friendly country and takes a different approach by issuing operating licenses to bitcoin exchanges. In April 2017, Japan officially recognized bitcoin as a legal payment method.
- South Korea regulators also plan to better regulate the exchanges in view of a surge in cryptocurrency exchange trading volumes.
- The US regulators have been relatively quiet on cryptocurrencies.
- Russia government plans to develop a system for cryptocurrency miners to register and to pay taxes on their income.



Global Governments Welcome Blockchain Technology

- Zug in Switzerland, known in blockchain circles as "Crypto Valley", is currently the perceived leader with the biggest crypto community. A handful of other cities are engaged in serious jurisdictional competition to become the prime innovation hub for blockchain-based technologies.
- Central banks are developing their own digital fiat currency backed by the blockchain technology.
- Many countries put a lot emphasis on the development of blockchain technology locally. China in particular, has been active in developing its own digital currency, along with its effort in promoting the internationalization of RMB. It seems clear that Chinese authorities see blockchain technology as a potentially useful, disintermediating tool for advancing its regional interests, especially in trade.
- City of Tokyo recently announced its plan to set up of a Blockchain-focused startup accelerator in an attempt to attract startups outside of Japan.
- Hong Kong and Singapore jointly announced a Trade Finance Platform based on distributed ledger technology (DLT). The project is designed to digitize trade documents and reduce risk and fraud in the industry.

5 SOME OTHER TOKEN SALES PROGRAMS

	NAME	CHANGE (%)	ICO DATE
	NXT <small>Buy Instantly</small>	+340733%	09/28/13
	Ethereum <small>Buy Instantly</small>	+96463%	07/22/14
	IOTA	+86519%	11/25/15
	Neo	+82276%	10/01/15
	Spectrecoin	+61740%	11/20/16
	Stratis <small>Buy Instantly</small>	+41264%	06/20/16
	Ark	+26490%	11/07/16
	Lisk <small>Buy Instantly</small>	+6018%	02/22/16
	Storj <small>Buy Instantly</small>	+5164%	07/18/14
	Beyond the Void	+4659%	11/01/16

Many examples of crypto tokens recorded phenomenal growth since launch. These returns seems however very common in this crypto-environment.

6 HARVEST IN GOLD MINES

Strategic Alliance with Gold Mines

Quantum Gold has officially entered into strategic alliance with an Australian listed gold mining company. The flagship gold mines under the mining company, located around Australia and Oceania areas, have in possession of more than one million ounces of premium quality and high grade zone gold reserve, which will serve as solid physical asset backup for Quantum Gold token value. This is an important milestone in realizing Quantum Gold's project vision in introducing technology into gold mines and innovating a sustainable and profitable gold ecosystem for all stakeholders.

In line with Quantum Gold's strategy of bringing 999 gold and mining companies into the crypto market, this strategic collaboration will provide solid asset backup for Quantum Gold token value and minimize token price volatility while the upside gain is kept unlimited.

This way we have established a business model such that by acquiring shares of quality mining companies, we are owning a fraction of the massive assets under the mines, hence securing future gold reserve at low costs.

Stakes in a potential multi million ounce gold deposit world class gold project

The gold mines are situated around Australia and Oceania areas. One of which is within a region rich with world-class mineral discoveries. The underground reserves are graded as high grade zone with most premium quality gold deposits, which is technically high grade high- sulphidation epithermal quartz-pyrite-gold mineralisation, extending from surface to several hundred metres depth. There were already around 15,000 ounces of gold produced by local miners largely from shallow underground workings and simple gravity processing alone. This mine is reviewed as highly prospective for the discovery of a world class multi million ounce gold deposit. There is coherent gold-in-soil anomaly over 1.5km by 1.0 km and excellent historic drilling results. This is a potential world class gold project, with outstanding potential for the discovery of a multi-million ounce world-class gold deposit.

Whereas their management possesses an excellent track record of developing successful gold projects and the team is one of the most successful exploration managers of the last 30 years in the mining area.

Innovation of Blockchain-empowered gold generation ecosystem

The collaboration is seen as first ever bringing the cutting edge of blockchain technology and crypto asset to gold mining business. Where at the same time the joint venture is co-creating an innovative ecosystem which will foster more profitable and sustainable value creation for all stakeholders within the Gold ecosystem.

For the gold mine operator and owner, this collaboration is supporting its strategy to develop commercial project which is economically viable. Under the current proposal, Quantum Gold will strategically benefit their business in deploying the combination of blockchain technology and the high transparent technology of the Internet of Things to the gold mine, which combined, will disrupt and innovate the traditional mining processes, where production capacity will be enhanced while casualties of workers are minimized.

The Australian gold mine, with its possession more than one million ounces of high quality gold reserve, will serve as a strategic partner in enriching Quantum Gold crypto business.

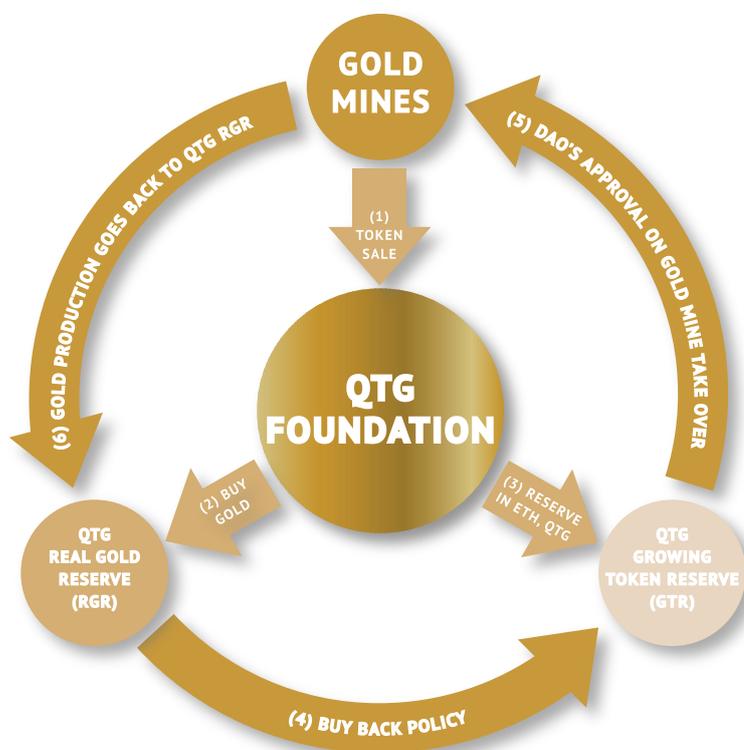
The mines' gold reserves as well as the forthcoming gold production will provide solid gold backup for Quantum Gold's 999 Real Gold Reserve. This Reserve, together with the Growing Token Reserve and buy back policy mechanism, will appreciate value of Quantum Gold token steadily, ensuring sustainable growth, and creating long term benefits.

With its blockchain technology, Quantum Gold will enable transparency and trusted P2P exchanges, hence revolutionizing the ecosystem in gold related businesses, from mining, production management, to exchange and storage. Under this joint innovation, it will give birth to a blockchain-empowered gold generation ecosystem for all stakeholders - mine owners, gold investors, exchanges as well as Quantum Gold token owners.

7 REAL GOLD RESERVE (RGR), GROWING TOKEN RESERVE (GTR) AND BUY-BACK POLICY

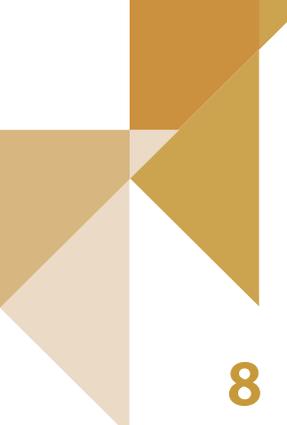
We will allocate, net of expenses, half of the proceeds to purchase 999 gold as our year-one Real Gold Reserve (RGR) within the first 12 months (First Calendar Year) upon the first Token Sales completion date. In subsequent calendar years the value of our gold reserve in RGR may go up because of any addition of real gold from gold mine production. It may go down when we execute the Buy-Back Policy liquidating up to 10% of RGR to purchase QTG Tokens from 3rd party exchanges in every calendar year. Gold trades and storage will be carried out via approved OTC Exchanges.

The Growing Token Reserve (GTR) is a reserve of cryptocurrencies, primarily ETH and QTG Tokens. For every gold mine which has met the selection criteria and is approved by DOA process, we will exchange our tokens in GTR for future gold production of that selected mine. Similar to RGR value of the GTR may go up when we buy back QTG Tokens and put purchased tokens to GTR by executing the Buy-Back policy. It may go down if we invest in new mines by exchanging our tokens in GTR, or we mobilize the GTR for a new Token Sales cycle without issuing new tokens.



The Buy-Back policy will be activated and valid for 24 hours should there be a $\pm 20\%$ change in QTG Token market price in any 12-hour time span.

By managing our RGR, GTR and Buy-Back Policy to fuel continuous growth, and by creating long-term benefits in cycles, we are cultivating a perpetually growing ecosystem for key stakeholders including gold mine owners, gold investors, exchanges as well as QTG Token owners.



8 OPERATION TRANSPARENCY AND GOVERNANCE

To ensure transparency in our operations, we will make available a landing page to include the following information on a dashboard or in PDF format for easy reference.

- Number of tokens issued
- Smart Contract source codes
- Business Plan, Budget and Actual Expenses
- Current Price and Individual's Balance
- Key Terms and Conditions
- Status Quos of Real Gold Reserve (RGR)
- Status Quos of Growing Token Reserve (GTR)
- Mine Production Dashboard
- Major Proofs concerning QTG and the Gold Mine Operations
- Previous Mine Analysis and Recommendation Reports
- Previous DAO resolutions

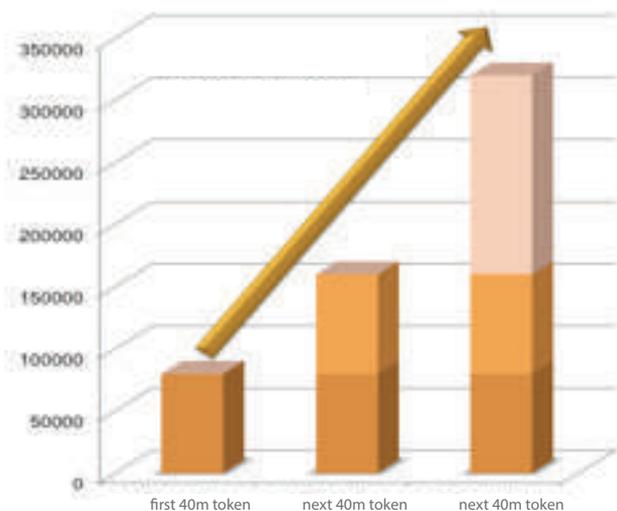
The Foundation's primary objective is to initialize the development and operation of the Quantum Gold ecosystem. It also aims to advocate governance and transparency for the operation. The Foundation will consist of members of the Quantum Gold eco-system, which will be empowered to determine the direction of functionality and improvement of the Quantum Gold ecosystem together with the existing decentralized autonomous organization.

The use of proceeds will be audited by appointed Certified Public Accountant.

9 TOKEN PLACEMENT

- We will issue in maximum and capped by 200,000,000 QTG Tokens. 60% of all tokens (or 120,000,000 QTG Tokens) will be available for placements. 20% of all tokens (or 40,000,000 QTG Tokens) will be used for marketing, sales incentives, bounty programs, operations and administration. The remaining 20% (or 40,000,000 QTG Tokens) will be allocated to the management team.
- Any forthcoming new token placement up to the maximum cap will follow the aforementioned allocation ratios.
- We target to market first 40,000,000 QTG Tokens, or 1/3 of the total token placement volume, each priced at 0.35 USD in the first placement to be replaced by the next 40,000,000 QTG Tokens in the second placement, each to be priced at 0.7 USD.
- We will start private placement on 30th Nov 2017. Any unissued tokens will be reserved for future token placement.
- Gold mine DAO process will not be executed if less than 40,000,000 QTG Token are sold.
- 20% of the proceeds will go to operation, development, Foundation Initiator, early backers and development team.
- QTG Tokens allocated to the Management Team for free are subject to (70%) 12 months and (30%) 24 months non-transferability requirement.

Token Placement Schedule



**Target in Total
560,000ETH
In Token Placement**

No new token will be issued
for Token Placement



10 RISKS AND RETURNS

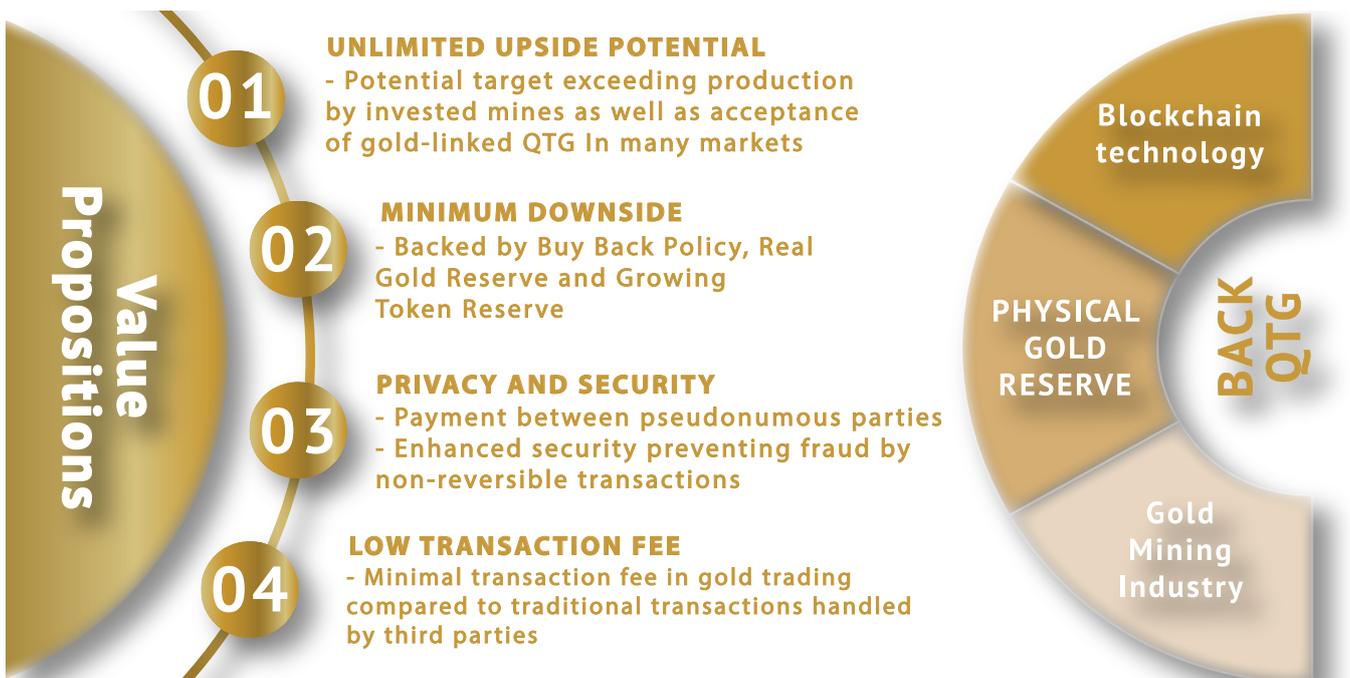
The intrinsic value of the coin may rest with the fluctuation of gold price as well as potential new policies in various jurisdictions concerning cryptocurrencies.

QTG offers a more lucrative return than pure investment in physical gold. First of all is the immense potential we may harvest from selected gold mines. In addition to the bullish outlook of gold amid volatile economic environment that future gold price will rise further, our pre-determined QTG ecosystem will serve as a strong back up for the token value.

Any forthcoming new Token Sales will only be executed when the market price has gone up to 200% of the precedent Token Sales price. We are committed to maintaining the healthy token price growth and cultivating long-term development of QTG ecosystem. We strongly believe that QTG will be a safe crypto asset with unlimited upside gain for token owners.

11 VALUE PROPOSITIONS TO QTG OWNERS

- Realize unlimited upside potential because of potential gain from exceeding target production by invested mines as well as acceptance of gold-linked QTG in many markets especially those in Asia
- Minimal transaction fee in gold trading compared to traditional transactions handled by third parties
- True peer-to-peer payments anywhere in the world
- Payments between pseudonymous parties ensuring privacy
- Enhanced security preventing fraud by non-reversible transactions
- Simple business model delivering promises at, minimal operation risk
- Participation in Gold-Linked asset with minimum downside risk backed by Gold Reserve and Buy Back Policy



12 OUR QTG TOKEN ROADMAP



13 OUR PROJECT TEAM



Project Head

C.Y. Pang

Entrepreneur with over 20 years of experience in financial services and IT. He has held executive positions in multinational companies including the Swire Group, Zurich Financial Services and Aviva Life. He held regional roles and worked in different markets including China, Hong Kong, Malaysia, Singapore and Korea. Before founding his own business, which covers off-shore investment services to property development, he was the Chief Advisor Officer of Aviva Hong Kong. He graduated from the Chinese University of Hong Kong with a Bachelor Degree (Hons) of Engineering. He also received education in financial advisory, actuarial science and IT.



Operation Head

Priscilla Leung

Entrepreneur with over 10 years of experience in precious metals. Ambitious finance professional with strong track records in marketing and IPO projects across different markets in Asia. She was a Managing Director of China Yi Gao Gold Trader Company Limited and as a Director of Gold Treasure Gold Trader Limited. She received education in Financial Accounting and Economics from Coquitlam College and York University.



IT Head

Kun Yu

Graduated from University of Science and Technology of China. She has the Doctor degree in Computer Science and the Master degree in Management. She was the assistant professor of Kurohashi-lab in Kyoto University, and the research scientist of Tsujii-lab in Tokyo University. She was in charge of the R&D of Resume Routing System in Microsoft Research Asia. She also participated in the Japan-China Machine Translation Project supported by the Japan Ministry of Education and the Japan Science and Technology Agency as a major researcher.



Block Chain Head

C.Y. Aiden

Co-founder of Bitcoin.hk and a full stack blockchain consultant. He has worked on different projects likes multiple cryptocurrency fundraising projects, digital assets exchange platform and universal blockchain explorer. He brings a wealth of experience to the project's development team. He has been developing in the blockchain space since 2013, and has experience in Bitcoin, Multichain and Ethereum. He is also an active investor in cryptocurrencies and blockchain industry. He believes community based organizations like DAO are the best vessel of change and that local initiatives need more support.



Financial Head

Louisa Chan

Almost 20 years of solid experience in financial services industry, from finance operations to business development and operations in multinational companies across different markets, including managerial roles in MassMutual Asia Limited and Aviva Life Insurance Company Limited. She received her Bachelor of Arts degree in Economics, with honors, at the University of Western Ontario in Canada, and her Master of Science degree in Management, from the Hong Kong Polytechnic University.



Marketing Head

Wong Chun Long

Young and dynamics entrepreneur with strong interest and background in blockchain and new technology ventures. He is founder and CEO of an international knowledge-sharing platform called WhenAsk backed by venture capital. Besides, he is a vice chairman of policy advocacy organisation focusing on researching and investigating FinTech policies and laws in Asia and has published his articles on the media.



Regional Director, Macau

Ian Lok

Chief Director of Macau International Carnival Association, CEO of Carnival Investment Company Limited. Ian has extensive experience in entertainment business for more than twenty years. He is the founder of Hong Kong Sparkling Entertainment Company and LA Production Company, which organised international world-class events in Hong Kong and Macau, such as the Macao Pavilion of Shanghai World Expo, Macao International Travel (Industry) Expo and Global Chaoshan Entrepreneurs Annual Economic Conference etc. In 2015, Ian established Man Lek Festival Macau Limited to organise international carnival events with Macau Multinational (Holding) Group, he also leads M.I.C.A to win the Business Awards of Macau. Currently, Ian is the Vice President of Asia-Pacific Low Carbon Circulation Economic Development Promotion Association and the Director of Global Ebo Consulting Limited.

14 ADVISORY COMMITTEE



Advisor

Gordon To

He was a Managing Director of China Pingan Insurance (Overseas) Limited. Prior to that he was in Deutsche Bank, Kazakhstan Hong Kong Development Fund holding various senior investment position. He is a seasonal investment professional who specializing in TMT, Fintech, Consumer, Mining and Resources investment. He has led various significant investment in mining in Australia, Mongolia, Canada, Russia, China and Indonesia. He is currently Managing Director for a large Private Equity focusing on Tmt, FinTech and Consumer.



Advisor

Daniel Bloor

A qualified engineering geologist with over a decade of experience in the mineral and engineering industry plus a further three years in the UK financial industry. Having worked across multiple commodities globally both as an exploration and production geologist Daniel moved into a consulting role providing due diligence and independent technical assessments for investment purposes. It was here that the concept of The CloudMiner was born and the path of entrepreneurship began. Since co-founding TCM Daniel has been more involved in the corporate day to day activities of many listed and private mining companies, mining focused funds and governments globally for modeling and reviewing assets for acquisition, internal review, strategy and/or compliance.



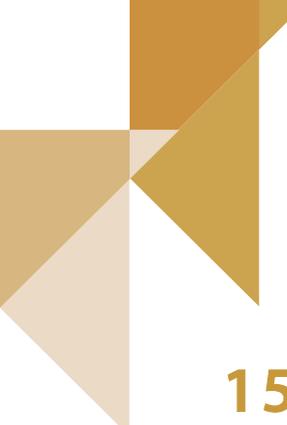
Advisor
Simon Je

Founder and Chief Executive Officer of Galaxy Treasure Financial Group Holdings Limited established in June 2016. Prior to Galaxy Treasure, Simon was the Managing Director at Infinity Group Special Situations Fund SPC. He has ample experience in Asia Pacific & China with over 23 years in Fortune 500 global companies such as DuPont Corp, Huntsman Corp, Coats PLC, Hyosung Corp. Simon is responsible for investments, merger & acquisition, B2B/B2C sales, marketing and commercial operation. Simon has been in senior leadership roles managing commercial organization leading more than 300 sales, marketing, customer services and technical team. Simon got the MBA, with distinction, from The Tippie College of Business, University of Iowa U.S., and the Associateship Degree from The Hong Kong Polytechnic University, the Associateship Degree from The Textile Institute, U.K. and as the Chartered Textile Technologist. He has the profession as Certified Financial Consultant (CFC®) from the U.S. of the Institute of Financial Consultants (IFC).



Advisor
Chandler Guo

Chandler Guo is Angel investor in Bitcoin and Ethereum Classic startups Bitangel including Btc123.com Bitbank.com Bw.com Bitfund.pe Richfund.pe etc-chain.com qtum.org bither.net

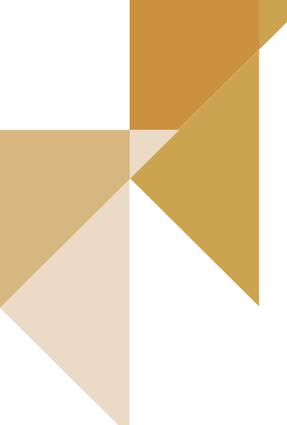


15 DISCLAIMER — IMPORTANT NOTICE

Please read the following notice carefully before proceeding to read this Whitepaper document prepared by the Foundation (the “Whitepaper”).

This notice applies to all persons who read this document. Please note this notice may be altered or updated.

The Whitepaper has been prepared solely in respect of the token sales of the Quantum Gold. The Whitepaper is being made publicly available for informational purposes only and does not constitute and is not intended to be any offer to sell or any solicitation of any offer to purchase any QTG. No shares or other securities of the Foundation or any related or associated company are being offered for subscription or sales in any jurisdiction pursuant to the Whitepaper. Certain statements contained in this Whitepaper, including but not limited to statements regarding the Foundation’s business strategies, future plans, financial position and other future prospects of the industry are forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties which may cause the actual future events, results or performance to differ materially from the estimates or the results implied or expressed in such forward-looking statements. Prospective buyers of the QTG token should specifically consider the factors identified in the Whitepaper which could cause actual results to differ before making a purchase decision. The blockchain industry is a new industry and may contain technological, policy and market risks, the regulatory status of cryptographic tokens is unsettled in many jurisdictions. If you are in any doubt as to whether you are suitable or eligible to participate in the token purchase in your jurisdiction, you should consult your own legal, financial, tax or other professional advisor(s).



The QTG tokens are not intended to constitute securities of any form, units in a collective investment scheme or any other form of investment in any jurisdiction. No statement in the Whitepaper is intended as a profit forecast and no statement in the Whitepaper should be interpreted to mean that the earnings of the Foundation for the current or future years would be as may be implied in this Whitepaper. Despite the fact that the Foundation will do its best to carry out the operations described in this Whitepaper, the regulatory status of cryptographic tokens, digital assets and blockchain technology is unclear in many jurisdictions. In such a case, all persons and parties involved in the purchase of QTG tokens do so solely at their own risk. Purchasers and any person intending to acquire QTG tokens acknowledge and understand that neither the Foundation nor any of its affiliates or the QTG team shall be held liable for any direct or indirect loss or damages.

By purchasing the QTG token, you hereby acknowledge that you have read and understand the notice and disclaimer set out above.

In the event of any conflicts or inconsistencies between different language texts, the English text shall prevail.



Our logo symbolizes an on-going ecosystem enabled by quantum, the fundamental unit of elements.