

TMN Global WHITEPAPER V2.2L

1 Prologue

Technology & Rare Earth Metals are not easy to come by for the every day person. However, you are using them right at this very moment, and you use them everyday. Smartphones, high-speed internet, and artificial intelligence are just a few of its uses. Prominent entrepreneurs and tech influencers like Elon Musk would not have a business without them.

This is where we introduce TMN Global, a state-of-the-art platform with a blockchain-based business model. TMN Global has a binary token model with the TMNG Token as the primary token. The holders of TMNG can exchange the tokens for tangible assets such as precious and rare earth metals or trade them on the platform. When these assets are purchased using TMNG, they are physically stored in bonded warehouses in Germany & Liechtenstein. In this regard, TMN Global provides a bridge to cryptocurrencies and strategic assets from the financial industry. The partner companies of the TMNG project provide these assets in the TMN Global Shop.

The Assets in the TMN Global Shop are the first use case of our TMNG ecosystem. They will be implemented virtually into the dashboard of the project. After successful implementation, TMN Global plans to issue Stable Tokens backed by strategic assets. This will be done with the cooperation of the Swiss Authorities, so our Stable Tokens meet all laws and prerequisites demanded from the governmental side.

The TMN Global Shop is just the beginning of the TMNG ecosystem. Once we deploy the TMN Global Shop, the burn and safe process will be integrated into our system. With our Burn and Safe Process, we are actively reducing the total amount of TMNG and creating a Treasury for the safety and reserves for our company and its projects.

This whitepaper provides a detailed description of our research and planning. It intends to show the current status and plans of the TMN Global platform, related products such as the online shop, and solutions. It aims to inform our readers how we are leveraging the expertise of our

team to provide a digital asset platform with inherent value and a future stable token. The TMNG token hopes to serve as a decentralized medium for purchasing and covering fees associated with storing physical assets faster and more efficiently. With the increased use of our platform, the decrease of TMNG in circulation (due to the burning), and the expansion of our ecosystem, the token has the potential for further value increase.

Definitions:

TMN Global = Our state of the art platform

TMNG = TMN Global Token

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2 Token Sale Summary

- Total Supply (TMNG Token): 500.000.000 TMNG
- Supply for Purchase: 270.000.000 TMNG
- Token-Symbol: TMNG
- Token-Standard: ERC-20
- Hard Cap: Approximately 25 Million USD
- Token-Price: \$0.10 (Pre-ICO), \$0.10 \$0.11, and \$0.12

3 Background

Bitcoin initially started as an alternative to the traditional financial system. Conventional economic systems use FIAT currencies (US Dollar \$, EURO €) as the core medium and means of exchange against values/goods or services. However, cryptocurrencies and digital assets (for example, Bitcoin) have become a tool for speculative investment rather than a medium of exchange and store of value (due to their high volatility).¹²³

Since the 2008 financial crisis, the world has been seeking a new economic model, where the authority of financial control is taken from centralized financial institutions and returned to the masses. Satoshi Nakamoto (a pseudonymous name for a developer or group of developers) proposed Bitcoin in 2008. His vision was to create a decentralized financial instrument that would enable peer-to-peer exchanges of cash.

In this, Bitcoin's blockchain technology solves the problems of double-spending with a proof-of-work model. In the proof-of-work model, the system distributes incentives to participants (miners) who participate in securing trusted transactions in the form of mining. As a result, this leads the world to create the first cryptocurrency ecosystem where users can conduct everyday transactions peer-to-peer without worrying about centralized authorities controlling their finances.⁴

The concept of decentralized management, supported by immutability and transparency, is an outstanding achievement of Bitcoin. However, because Bitcoin and most cryptocurrencies have

¹ see <https://www.handelszeitung.ch/tech/bitcoin-wird-kaum-als-zahlungsmittel-genutzt>, access on 26.07.2021

² see <https://de.statista.com/statistik/daten/studie/818508/umfrage/umfrage-zu-den-beliebtesten-zahlungsmitteln-nach-geschlecht-in-der-schweiz/>, access on 26.07.2021

³ see <https://vijayboyapati.medium.com/the-bullish-case-for-bitcoin-6ecc8bdecc1>, access on 26.07.2021

⁴ see <https://bitcoin.org/bitcoin.pdf>, Satoshi Nakamoto, „Bitcoin: A Peer-to-Peer Electronic Cash System“ (2008), access on 26.07.2020

no inherent value, they are highly volatile and susceptible to market manipulation⁵⁶⁷⁸⁹, and thus, do not fulfill the essential purpose of their existence, which is to serve as a medium of exchange and store of value. We present a contemporary solution to such problems in the form of a TMN Global Ecosystem.

4 Introduction TMNG

TMN Global operates as a company that is redefining ownership, storage, and custody of digital assets using blockchain technology. TMN Global is a cryptocurrency platform that provides a token based on the Ethereum blockchain, called TMNG. With TMN Global, you can buy technology metals and rare earth metals - physically stored in Frankfurt Am Main, Germany, and Triesen, Liechtenstein. We are happy to be one of the first cryptocurrencies to offer this very exclusive opportunity to the crypto community.

TMN Global lets you buy gold, silver, platinum, and palladium stored in Liechtenstein or invest in technology metals. At its core, it offers an ecosystem managed directly by TMN Global through the company EREA World AG. EREA World AG (based in Zug, Switzerland) offers its portfolio of products from EMH AG (trading investments in rare earth and technology metals, as well as trading precious metals such as gold and silver).

TMN Global leverages the power of blockchain, cryptography, and tokenization to create a binary token model that strives to overcome the challenges of the traditional financial landscape.

The TMNG token underpins the TMN Global ecosystem as it will be the sole medium of exchange against tangible assets. Due to its limited amount, 500,000,000 TMNG and a burn-back mechanism, the TMNG Token has a growth potential regardless of the performance of the

⁵ see <https://www.coindesk.com/dogecoin-tiktok-crypto-market-manipulation-coinbase-ipo>, access on 24.07.2021

⁶ see <https://cryptoslate.com/is-bitcoin-price-manipulation-by-whales-a-real-thing/>, access on 25.07.2021

⁷ see <https://coinmarketcap.com/de/headlines/news/elon-musks-dp-change-soars-doge-price-overnight-but-couldnt-last-past-it/>, access on 24.07.2021

⁸ see <https://beincrypto.com/top-20-dogecoin-addresses-hold-over-50-of-doge-supply/>, access on 24.07.2021

⁹ see <https://www2.deloitte.com/content/dam/Deloitte/global/Documents/Financial-Services/gx-design-market-manipulation-in-digital-assets-whitepaper-v2-1.pdf>, Deloitte, Market Manipulation in Digital Assets (2021), access on 26.07.2021

tangible assets. However, with further development of our TMN Global platform, we plan to offer a stable token backed by strategic assets after the TMN Global Shop is established.

The following section describes the two main products offered by the TMN Global ecosystem. The TMNG Token and our TMNG Global Shop.

5 Why tangible assets? Why with TMNG?

We are currently living in a unique financial system. Never before have we had such low-key interest rates for so long. The outlook and duration of the low-interest rate environment or the expansionary monetary policy are uncertain. The Corona crisis has forced the leading Western economies to continue their low-interest rate strategy. This poses new problems for many financial players and ordinary private citizens today.¹⁰¹¹ A savings account currently gives 0.01 - 0.1% interest on the balance in Germany. The interest is too low to counteract the devaluation of money through inflation (on average 2%). Buying stocks is not safe from crises and requires either trust in advisors or doing your own extensive research. Buying tangible assets is not always easy and comes fraught with problems depending on the type (physical, ETF, mining shares). There is almost no possibility for private investors or crypto investors to participate in trading strategic assets.

Cryptocurrency investors have even more hurdles to hedge their crypto gains in the bear market or exchange them for tangible financial assets. There are few recognized gold tokens to date, and there is also very little choice of different metals to achieve a broad portfolio.

Gold, silver, platinum, and palladium are among the standard precious metals and tangible assets that can be purchased as a private individual. Gold has a long tradition as a store of value and

¹⁰ see *Siejka, Martin* (Niedrigzinsumfeld, 2017): Mit Geschäftsmodell- und Produktinnovationen aus dem Teufelskreis „Niedrigzinsumfeld“, in: Smolinski, Remigiusz, Gerdes, Moritz, Siejka, Martin, Bodek, Mariusz C (Hrsg.): Innovationen und Innovationsmanagement in der Finanzbranche, p 198 - 211

¹¹ see *Röhl, Klaus-Heiner; Rusche, Christian*, (Zombieunternehmen, 2020): Corona-Krise: Staatsbeteiligungen bleiben eine problematische Intervention in den Markt, in: Wirtschaftsdienst Journal for Economic Policy (Hrsg.), 100 (2020), Nr. 12, S. 945-951

medium of exchange. After World War 2 and until the 70s, the dollar was the world reserve currency or anchor currency to most currencies in the world, and the dollar was linked to a direct amount of gold at a fixed price. The so-called Bretton Woods system. Participating countries were required to maintain a specific exchange rate against the dollar (fixed exchange rate system). The member countries achieved compliance with the exchange rate by buying and selling US dollar foreign exchange.

The system was dissolved in the 1970s due to system errors. The USA could no longer provide the quantities of gold of the paying countries. The fixed exchange rate system also led to a distortion of the performance of individual countries. With the replacement of the Bretton Woods system, the exchange rate system changed to a flexible one. The gold peg or gold reserves of the participating countries and the dollar no longer exist. Economies were in the process of restructuring with flexible exchange rate systems offering more flexibility. Some regional zones have evolved into their own currency systems: the euro. With the influx of flexibility and corresponding fiscal policies, not only does a state's sovereignty increase, but so does its responsibility. The stability of a financial system can suffer or falter with appropriate fiscal policies.

The continued 0% key interest rate and negative money deposit rate have several effects on the economy. Banks issue loans more easily than under usual conditions. For example, people purchase Real estate with low interest rates, but it usually increases in price by the supposed interest savings (the real estate bubble, for instance)¹². So-called "zombie companies" can be kept alive with cheap credits. Zombie companies can barely maintain their profitability because the cost of capital is correspondingly low.

In case of a sudden increase of interest rates and an adjustment of the repayment rates of expiring credit contracts, many debtors and companies can get into payment difficulties. These complications may lead to a domino effect in the economy concerned. If the low-interest rate

¹² see Oliver, Landmann; Boysen-Hogrefe, Jens; Jannsen, Nils; Fichtner, Ferdinand; Schrooten, Mechthild; Hüther, Michael, (Ursachen und Wirkung Niedrigzinspolitik, 2014): Niedrige Zinsen — gesamtwirtschaftliche Ursachen und Folgen, in: Wirtschaftsdienst Journal for Economic Policy (Hrsg.), 94 (2014), Nr. 9, S. 626

policy persists, customary fiscal policy measures to keep inflation in a healthy range may lose their impact. In addition, financial products and their economics change, along with their risk considerations.¹³

The purchase of precious metals offers protection for the redeemed capital.¹⁴ Strategic Metals are a novelty not only for private investors but also for crypto investors.

In contrast to the LBMA accredited Basic Metals (gold, silver, platinum, and palladium), they have their own dynamics. Trading of strategic metals is almost exclusively done by the industry. The Strategic Metals are also not held or traded by banks and thus have no directly retrievable exchange price for everybody available. Cryptocurrencies are one of the exceptions in this case. Possibilities for the private person are to inquire about suitable mining shares or with appropriate capital directly with the distributors.

It is crucial here that the purity of the metals corresponds to 100% industrial quality. Refining the metals back to industrial standard is hardly possible, profitable, or otherwise practical. Some metals lose their physical properties (thermal conductivity, electrical conductivity, melting point, etc.) with minimal deviation and make them useless for industry and thus worthless for the investor. Our partner, EMH AG, won an award for being the best in the industry in the German-speaking countries for having the highest quality and purity of their metals.

Our partners are among the rare companies that allow participation in this exciting market!

They take care of buying/selling in industrial quality and professional storage, directly ready for sale at the customer's request.

The unique possibilities of TMN Global supported by our partner companies are an enrichment for every portfolio and for the technology enthusiastic crypto investor.

¹³ see *Oliver, Landmann; Boysen-Hogrefe, Jens; Jannsen, Nils; Fichtner, Ferdinand; Schrooten, Mechthild; Hüther, Michael*, (Ursachen und Wirkung Niedrigzinspolitik, 2014): Niedrige Zinsen — gesamtwirtschaftliche Ursachen und Folgen, in: *Wirtschaftsdienst Journal for Economic Policy* (Hrsg.), 94 (2014), Nr. 9, p. 617

¹⁴ see *Merten, Hans-Lothar*, In Luxus investieren (2009), p. 73

TMN Global will implement new products and asset classes after successfully implementing the partner companies' goods.

6 Basic Metals

Gold, silver, platinum belong to our basic metals. Basic, because the trade with these metals has been established. The metals are stored in Liechtenstein and are ready for sale from there. The metals are LBMA certified and thus have banking quality.

6.1 Gold – for millennia, the symbol of wealth

Due to its color, luster, and rarity, gold has always been appreciated. Even today, it has lost none of its fascination. Gold is in particular demand as an investment in the form of coins, bars, and jewelry. Because of its physical properties, it also has a firm place in medicine, electronics, and the IT industry. In monetary terms, physical gold is a liquid tangible asset and thus a safe hedge against inflation.

Gold is not tied to a promise of payment from a bank or government. Unlike money, it cannot simply be increased by a central bank decree, which is what is happening dramatically in the financial crisis. On the contrary, since deposits are limited, the extraction of gold is becoming more and more costly. On the other hand, demand is rising permanently. The current state of gold's supply and demand is another reason why experts expect the price of gold to rise in the long term.

6.2 Silver – a metal with shining perspectives

The use of silver for storing value and jewelry production has been common for centuries. Increasingly, however, its relevance for industrial manufacturing processes is growing.

One reason: Silver has excellent properties when it comes to conducting heat and electricity. It has long been impossible to imagine the ever-growing electronics industry without it. Another reason is that silver has an antibacterial effect, making it valuable for medical technology and other areas, such as water treatment and the development of new impregnation techniques. Against this background, industry experts see clear signals for a future rise in the price of silver.

In the future, silver has reasonable prospects of once again becoming what it has historically been more than once: the "little man's gold."

6.3 Platinum – a hidden champion among precious metals

The public often underestimates the importance of platinum. The fact that platinum is significantly harder and mechanically more stable than gold explains its use for producing precious jewelry as a means of payment and as a permanent financial investment.

At least as necessary, platinum has remarkable catalytic characteristics, making it increasingly attractive for industrial use. Examples include catalysts in automobiles but also in fuel cells. In addition, there are large-scale industrial processes such as the production of nitric acid.

6.4 Palladium - the star among catalysts

Palladium belongs to the platinum group of metals and behaves very similarly to platinum. Palladium is mostly a by-product of nickel and copper mining. Palladium is an excellent catalyst for accelerating chemical reactions and is therefore also used in exhaust gas catalysts in the automotive industry.

In the jewelry industry, palladium is used to "decolorize" gold. The result is white gold. The precious metal has additional use as bullion coins, e.g., Palladium Maple Leaf. Palladium is also used in industrial work. It is found in exhaust gas catalytic converters for gasoline engines.

7 Strategic Metals

The Strategic Metals are our unique products of the TMN Global project. With the help of our partners, we can provide an extremely rare supply. Strategic metals, rare earth, or so-called technology metals are the drivers of our industry and technology. With the triumph of computer technology, the technical equipment of the world population has changed. Cell phones, autonomous cars, machines, artificial intelligence, big data, smart homes, and much more are based on highly complex computer systems. The turnaround in mobility and energy production makes many of the metals indispensable for further technological progress. The growing world population and increasing prosperity are doing the rest.

The simple private investor cannot participate in the current dynamics without a partner like EMH-AG. EMH-AG offers a so-called basket or basket system designed according to different sectors: Premium, Eco, and Future. The Premium Basket bundles the most important and rarest metals. The Eco Basket focuses on renewable energies. The most important metals of the space, computer (artificial intelligence), and electronics industry are found in the Future Basket.

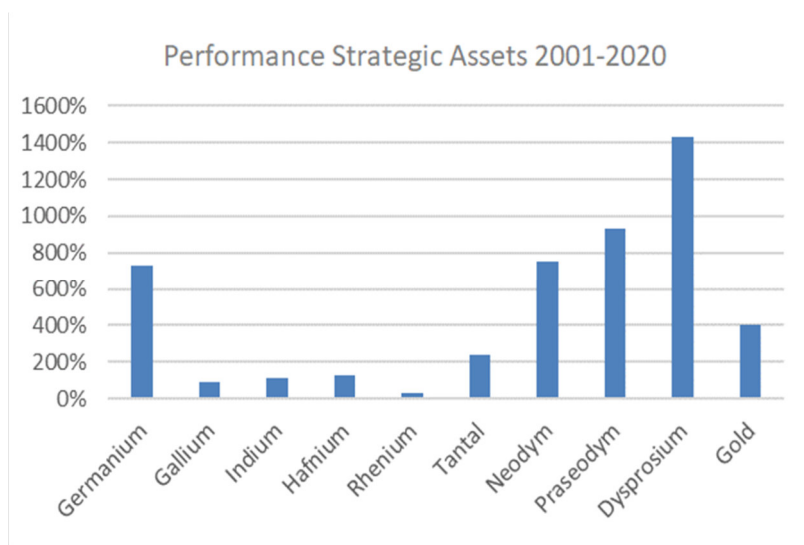


Illustration 1: Performance Strategic Assets: Source provided by EMH AG, see 7.2

7.1 Brief Description of the Strategic Metals

For Strategic Metals, a brief tabular description of the metals will be entered here. After a successful ICO and the programming of the TMN Global Shop, the customer's dashboard will contain and be able to access extended information on the specific metals.

Name	Color	Density per cm ³	Annual production and main producer	Usage	Basket (see next page for details)
Dysprosium	silver-grey	6,48g	100t (China)	Energy saving lamps Electric cars Permanent magnets Laser materials CD/DVD	Premium Eco Future

Praseodym	brownish	6,48g	4 Mio.t (China)	Vehicle turbines Strongest magnets Coloring of enamel, glass, and porcelain Energy saving lamps CD/DVD Shielding medium in reactors	Premium Eco Future
Neodym	white/beige	6,89g	400t (China)	Electric motors Microphone Smartphones Wind turbines	Eco Future
Indium	silver-white glossy	7,31g	1000t (China, Australia)	Screens Electronic devices Photovoltaics Nanotechnology	Premium Eco
Rhenium	silver-grey	21,02g	- (China, USA, Kasachstan)	Aircraft Turbines Nickel superalloys Platinum-rhenium catalysts Thermocouples Heating coils for lighters	Premium
Tellur	silver-white	6,25g	180t (Kanada, Japan, Peru)	Alloys Solar cells Photodiodes Semiconductors CD/DVD Vulcanizing rubber	Premium Eco
Terbium	Silverwhite	8,253g	- (Australien)	Doping of semiconductors Magnets Light tubes	Premium Future
Hafnium	Silver-glossy	13,31g	65t (Australien, Südafrika)	Superalloys for aircraft and turbine technology Control rod material in nuclear reactors Laser technology Semiconductor technology	Premium
Gallium	light blue	5,91g	78t (China)	Alloys	Premium

				Solar panels LEDs Computers Cell phones Mercury Solar cells	Eco
Germanium	Silver-glossy	5,32g	140t (China)	Fiber Optic Products Night vision devices High-frequency technology Infrared optics Detector technology	Premium

Table 1: brief data Strategic assets, provided by EMH AG

7.2 Price Development of Precious and Technology Metals from 2001-2020

Raw material	Price per kg – 2001	Price per kg – 2020	Performance in %
Germanium	243 €	2011 €	+ 730%
Gallium	156 €	302 €	+ 94%
Indium	140 €	301 €	+ 115%
Hafnium	650 €	1496 €	+ 130%
Rhenium	1274 €	1634 €	+ 29%
Tantal	86 €	294 €	+ 240%
Neodym	7,10 €	61 €	+ 750%
Praseodym	6,20 €	63,60 €	+ 930%
Dysprosium	24 €	367 €	+ 1430%
Gold	10.368 €	50.300 €	+ 400%

Table 2: Performance Strategic Assets provided by EMH AG

It should be noted that the commodity prices of technology metals are not traded on stock exchanges or held at banks. The prices of the technology metals come on industrial trading places by supply and demand to state. Thus, there is usually a target price at the beginning of the week, which can then shift by a few percent when sold during the week.

With the TMN Global project, we can be one of the first to document a price for the specific metals publicly.

8 Technical and Operational Implementation

8.1 TMNG Token

The project will start with an ICO for the TMNG token. TMNG will be an Ethereum standard ERC-20 token that will be verified and audited by Certik.io. The team is tapping into the long-valued Ethereum network. Participants can use the TMNG token to pay for all services in the TMNG project

8.2 Revenue Model

TMN Global's revenue model is described in the chart below:

Payment Category	Definition
Token Offering (ICO Phase)	Token sales activity of the TMNG token. When individuals participate in our token offerings, the company will raise capital for future projects and operation costs.
TMN Global Shop	The direct profits when participants purchase strategic assets from our partner companies listed in the TMN Global Shop. The third way revenue is generated is when we sell back a portion of tokens to the exchange after accepting TMNG as payment from participants in the TMN Global Shop.
Token Offering (ICO Phase)	Token sales activity of the TMNG token. When individuals participate in our token offerings, the company will raise capital for future projects and operation costs.
Transaction Fees	The fees for transactions completed when participants purchase strategic assets from our online shop.
Storage Fees	Storage fees for the physical assets in Liechtenstein and Germany.
Withdrawal Fees	Transaction fees on withdrawals from the TMNG wallet.
Other	Additionally, there may be fees associated with future products in the TMN Global network.

Table 3. Revenue Model

8.3 Products and Security Token

The partners' products are initially implemented virtually on the TMN Global dashboard. For this purpose, the TMN Global Shop will be deployed. The project gets the first use of TMNG tokens here and starts the beginning of our ecosystem. Partner products will be developed after the store is set up, and TMN Global plans to issue the products as Stable Tokens.

TMN Global is excited to take a pioneering role and issue the first Strategic Metals in the cryptocurrency world.

8.4 Partner Vaults and Storage

The storage of the products is organized and managed by our partners. The vaults for the precious metals are in Liechtenstein in a bonded warehouse. The strategic metals of the project are stored in Frankfurt near the industrial trading center.

Our partners charge an annual fee for the storage of the physical metals. Alternatively, a partial payment can be made upon early disposal. Previously, the customer paid the fees either by invoice or from their inventory. With TMN Global, the customer is reminded in the dashboard to pay the fees. He can either pay them in TMNG or from his inventory.

The vaults are opened four times a year and can be visited by the customers. The holdings are independently audited and certified when the vaults are open during this time.

The assets in the vaults belong to the customers by ownership certificate.

8.5 Dashboard

TMN Global will have a programmed dashboard. The dashboard's purpose initially is for the launch of the ICO and the distribution of the tokens. Here, customers will have to register according to applicable KYC and AML laws and will be able to participate in the ICO at the beginning.

The dashboard will serve as a command center for the user and the team. After a successful ICO and the tradability of TMNG on various Exchanges, the first products of the partners will be entered (Basic Metals and Strategic Metals).

For this purpose, the team is setting up the TMN Global Shop in the back office. This area will be constantly developed. In the beginning, it will show the current rate of TMNG; with the first products in TMN Global Shop, the customers will be able to pay for the products in TMN Global.

Also, there will be overall statistics in the dashboard with all stored values. Thereby the dashboard forms a virtual 1:1 mapping of the assets in the vaults of the project.

8.6 TMN Global Shop

TMN Global has a specialized online shop where TMNG token holders can use their TMNG tokens to purchase physical assets from partner companies directly. The Dashboard and TMN Global Shop will evolve on an ongoing basis. In the first stage, the dashboard will merge with the vault holdings of all TMN Global customers. We will then virtually post the tangible assets to the owner's dashboard. The customer has control over the assets from within the dashboard.

In the second stage of development, we will upgrade the TMN Global Shop into a coin store. The TMN Global project uses the revenues to finance the establishment of Stable Coins according to regulatory requirements. To ensure complete transparency, the dashboard merges with the vaults and later with the blockchain. The dashboard maps 1:1 to the actual value in the vaults. If the customers are present when the vaults open up, they can read the value from the app and compare it with the auditing. The complete design of each product (e.g., storage costs) will be announced upon implementation.

8.7 Burning Mechanism & Treasury

The project will acquire and burn TMNG tokens from public trading, generated profits, commodity buying/selling, and storage fees. The term "burn" means in the cryptocurrency world that a part of the total amount of tokens is withdrawn, and thus the token develops a deflationary character. We will add future fees and revenue sources to the calculation. A part of the profit will be used with this process and stored for the TMN Global project to drive the price and set up the project in a sustainable way.

In this process, TMN Global will take 15% of the profits for burning, and 10% will be invested in commodities and added to the TMN Global treasury. The treasury section that documents and updates the purchase of the tangible assets will be implemented in the dashboard.

TMN Global plans to introduce token burning and commodity storage the 1st time after TMN Global store is established. Every three months, TMN Global will repeat the process and make it public. TMN Global will publish the profits of the TMNG project and take the 25% for both items.

After purchasing the TMNG tokens, the team will send the tokens to the known 0x0 Ethereum Address and share the Transactions ID along with the Burning Report.

The 0x0 Ethereum address is also used by other projects to burn the tokens. No one owns a private key of the 0x0 wallet, and all tokens transferred here disappear from the total amount of TMNG (start: 500,000,000). Eventually, the burning mechanism stops at 200,000,000 tokens.

We will publish the complete process on the homepage in our Burning Report.

8.8 Operational implementation of the project

After a successful ICO and the establishment of the TMN Global Shop, customers can purchase tangible assets from us. A new customer must first buy TMNG in public trading (I.) and receive TMNG in return (II.). An existing customer can start buying directly (III.).

The customer has a live display of the current price of TMNG in the dashboard. He then selects a product and pays in TMNG (IV.). This triggers TMN Global to sell the tokens on a third party exchange in fiat or BTC (V.). As the case may be, the BTC is converted into EUR with a banking partner (VI.). TMN Global and its partners purchase the customer's tangible assets and store them in the vaults (VII. - VIII.). After successful storage, the customer is shown his investment (IX.).

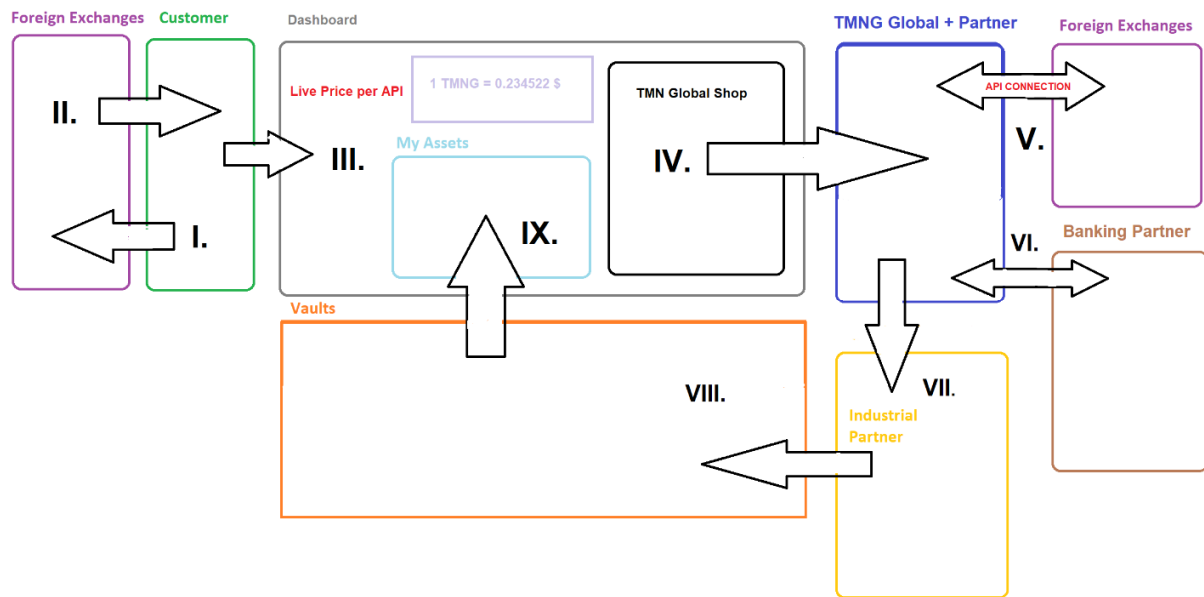


Illustration 2: Dashboard Interplay with TMNG and Partners (own diagram)

8.9 The Future of the TMN Global Ecosystem

TMN Global would like to constantly develop and enrich the project with innovative products from the tangible asset world and the latest cryptocurrency trends. We have several products in the background, which we are already analyzing and working out. After a successful ICO, we would like to add the first new products to the roadmap and add more value to the TMN Global network. The evolution of the dashboard comes in line with the establishment of the Stable Coins.

Initially, TMN Global uses the Ethereum blockchain network to offer its services to interested parties such as individual buyers, HNIs, institutional investors, venture capital firms, and the underlying companies. It implements all transactional activities on a trusted, transparent, and immutable blockchain network, ensuring maximum transparency and customer protection.

TMNG Tokens

TMN Global has developed an Ethereum-based smart contract for the initial issuance of its tokens to potential investors. It is a payment token on the TMNG network.

TMN Global Stable Tokens and an own MainNet with Wallet

TMN Global Stable Token, like TMNG Token, will also be a blockchain-based token, with the difference that it will act as a stable medium for exchanging and storing value. This token will be launched in 2024 and will have 1:1 backing against the strategic assets of partner companies.

As TMN Global strives to offer an ecosystem, management plans to create its own wallet to support both the TMN Token and the TMN Stable Token. The wallet will provide blockchain explorer APIs to other wallet providers, helping users keep a current balance of tokens, conduct peer-to-peer exchanges of value, store tokens, and spend them via merchants.

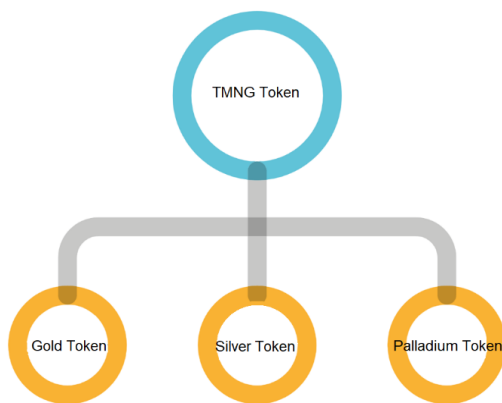


Illustration 3: TMNG Token and Sidetokens (own diagram)

8.10 Problems and our Solutions

The Problem	TMNG-Solution
Price volatility in digital assets and cryptocurrencies	TMNG addresses volatility through a unique binary token model. While the TMN Token resolves volatility through potential support and value creation from the utility in the partner ecosystem, the TMN Stable Token has 1:1 support from strategic assets.
Value manipulation through centralized instances	TMNG uses a decentralized, blockchain-based model to define value. Once the token is listed on the exchange, its value is determined directly by the market, not by the founding entity.
Lack of liquidity for investors	TMNG opens a gateway of opportunity for the ordinary person to access the financial tools of its partner

	ecosystem, all without the requirements of holding large portfolios or setting high standards.
Barriers to entry for a typical person to get into precious metals, rare earth metals and mining companies.	TMNG opens a gateway of opportunity for the typical person to access the financial tools of its partner ecosystem, all without the requirements of holding large portfolios or setting high standards.
Lack of transparency	TMNG provides complete transparency by operating on a decentralized, transparent blockchain network where all token creation, allocation, fund management, blocking, redemption, and burning activities can be tracked by the public through the Blockchain Explorer.
No inherent value of cryptocurrencies	The vision of TMNG is to create a stable token network by assigning tangible assets to tokens that have inherent value.

Table 4: Problems and Solutions TMNG (own table)

9. Commission model

During the ICO, participants can connect with other members by sharing their referral link. When buying TMNG using BTC, commissions are paid in BTC five levels deep. In the first level, it is 5%, in the second level it is 4% and in the following 3 levels 2%.

	ICO
1. Level	5%
2. Level	4%
3. Level	2%
4. Level	2%
5. Level	2%

Table 5: Commission Table

Please note that we try to offer an attractive commission model for each product. However, some products may be difficult or impossible to commission due to their nature. We want to preserve

the unique investment opportunity of the client in all earning options, and we take this into account in the calculation.

10. Token Allocation

Total Tokens:	500.000.000,00	
	in %	Tokenamount
Private Sale and ICO	54,00	270.000.000,00
Stable Token + Blockchain	6,00	30.000.000,00
Founders	18,00	90.000.000,00
Exchange und operativer Supply	6,00	30.000.000,00
Strategic Partner, Team and Advisors	8,00	40.000.000,00
Marketing	8,00	40.000.000,00
	100,00	500.000.000,00

Table 6: Token Allocation Model

The founders' wallet and the reserve around the Stable Coins will be public wallets. Our members can view them in the back office. The founders have a one-year holding period from the day TMNG is tradable on public exchanges and has a market price. After one year, the 10% will be distributed and then 10% in each of the following quarters until the amount is exhausted.

Unlock Team	1	2	3	4	5	6	7	8	9	10
Date	1 year after listing	next quarter	next quarter	next quarter	next quarter	next quarter	next quarter	next quarter	next quarter	next quarter
Unlocked Tokens	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Table 7: Vesting Table for TMNG Founders

30,000,000 TMNG is retained as a reserve for an Exchange and operations. 40,000,000 TMNG will be used to contribute to the team and consultants and strategic partners. 30,000,000 TMNG will be used as a reserve to fund the Stable Token and possibly the proprietary Blockchain solution. 40,000,000 TMNG will be kept free for marketing and bonuses.

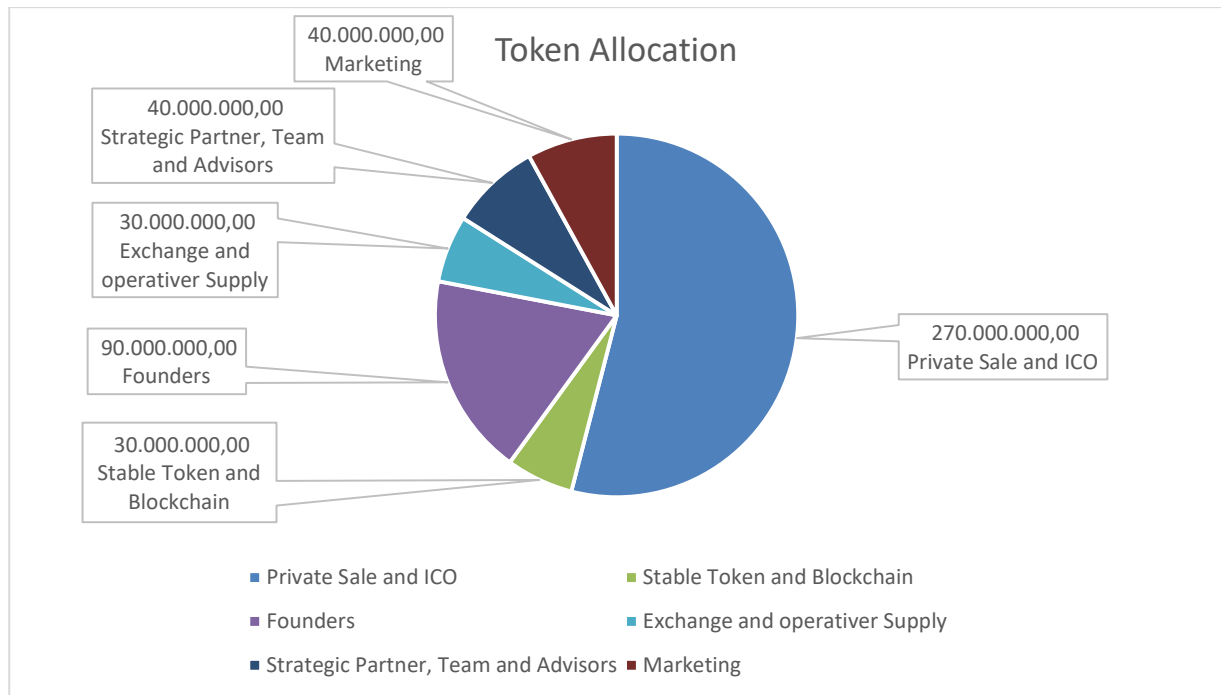


Illustration 4: Token Allocation Model

11. Procedure ICO

The ICO is divided into two phases. First, a smaller ICO in the private environment of the team to help build the community from the beginning. Here, 15,000,000 TMNG were offered, and we sold about 11,000,000 tokens. Each of our early adopters received a 10% bonus in TMNG tokens. The remaining tokens are allocated for the Public ICO. The Public ICO has a starting price of \$0.10. Altogether, this means a total of 270,000,000 coins are being offered for sale.

13. Partners

The partner companies play an essential role in the TMNG business model. The physical assets of the companies, primarily precious metals, and rare earth metals, are accessible to TMNG token holders as investment vehicles. This gives TMNG token holders the potential backing and benefits

that are rare in the existing cryptocurrency landscape. In the following section, all partner companies are briefly introduced.

EMH AG



Based in Eschen (Liechtenstein), the EMH AG was established in 2010 and specializes in technology metals and rare earth metals such as Indium, Hafnium, Dysprosium, Germanium, and Neodym. They provide investments in rare earth and technology metals at wholesaler terms for average customers.

14. The Team and the EREA World AG

The project initiators have established EREA World AG to manage the administration of the project. This is an AG under Swiss law. The employees of the company will be registered through the company in the future. EREA World AG controls the administration and business apparatus. The address is: EREA World AG, Poststrasse 14, 6300 Zug, Switzerland

Hubert Blum

Rebekah Jenkins

Claudio Broschetti

Feridun Güven

Sedat Demir

15. Advisor

Allen Jenkins – Legal Advisor

Feridun Güven – Strategy Advisor

Radisa Dudic – Sales Advisor

ABOUT US: THE ORIGIN

TMNG is a Swiss-based financial company that strives to leverage modern blockchain infrastructure and offer a digital asset whose value is derived from its acceptance by the physical assets of partner companies.

The Zug location is known in the scene as Crypto Valley Zug. Switzerland offers us crypto-friendly laws and quick adaptation in terms of rapid developments in cryptocurrencies. Due to this, many specialists have settled in the region, which we and our project rely on.

Our Vision

The TMNG team consists of early adopters of Bitcoin who are aware of the issues users face when dealing with traditional payment methods and cryptocurrencies. The leadership team has a vision to offer TMN as a solution for existing payment methods and drive the adoption of blockchain-based digital assets by providing them utility and stability.

The Mission

To be the leading digital asset with real value, enabling efficient and cost-effective payment processing. To make our Strategic Metals globally accessible to the world based on Blockchain technology.

Why Choose Us?

- Unique and forward-looking business model
- Backed by multimillion-dollar companies
- Direct acceptance of token in physical assets of partner companies

- Active volume: \$105,000,000 USD
- TMNG token has global coverage, with no limits on borders
- Deployed on blockchain infrastructure
- A team with over 100 years of combined business experience
- Broad network of active distribution partners
- Investor network with over 15,000 members
- 6-7 billion dollars of founders' experience
- Liquidity and accessibility of the token
- Lower investment limits allow participation by ordinary citizens
- Data transparency offered via blockchain
- Lucrative rewards and dividend payouts

16. DISCLAIMER

PLEASE READ THIS DISCLAIMER SECTION CAREFULLY. IF YOU ARE IN ANY DOUBT OF THE ACTION YOU SHOULD TAKE, YOU SHOULD CONSULT YOUR LEGAL, FINANCIAL, TAX, OR OTHER PROFESSIONAL ADVISOR(S).

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RISKS AND UNCERTAINTIES

Prospective purchasers of TMNG Token (as referred to in this whitepaper) should carefully consider and evaluate all risks and uncertainties associated with TMNG Tokens, the Distributor and their respective businesses and operations, the TMNG, the TMNG Token Initial Token Sale, all information set out in this whitepaper and the T&Cs prior to any purchase of TMNG Token. If any of such risks and uncertainties develop into actual events, the business, financial condition, results of operations, and prospects of TMNG Token and/or the Distributor could be materially and adversely affected. In such cases, you may lose all or part of the value of the TMNG Token.

DEFINITIONS AND GLOSSARY

Blockchain: A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography.

Smart Contract: an automatically enforced agreement among two or more parties in the ecosystem mapping a set of activities to ledger operations to be carried out.

Cryptocurrency: a digital currency in which encryption techniques are used to regulate the generation of units of currency and verify the transfer of funds, operating independently of a central bank.

Trustless: Users do not have to send their coins to us. Private keys would be reserved with the respective users.

Wallet: A cryptocurrency wallet is a software program that stores private and public keys and interacts with various blockchains to enable users to send and receive digital currency and monitor their balance.

Exchange: a community established exchange rate, assigning value to a given activity or service

Roadmap: Plan that matches short-term and long-term business goals with specific technologies to help meet those goals.

Stable Token: A cryptocurrency with a stable value pegged against the USD or any other fixed asset.

TMN Global Shop: An online shop whereby token holders can purchase physical assets from the TMN partner companies

Defi: Decentralized finance is an experimental form of finance that does not rely on central financial intermediaries such as brokerages, exchanges, or banks to offer traditional financial instruments, and instead utilizes smart contracts on blockchains, the most common being Ethereum

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