

SpecialMetalX

SMETX

Whitepaper

Version 1.1.8



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1. Who we are

SMETX Swiss SA, based in Lugano, Switzerland, stands as a distinguished and experienced entity in the realm of metal trading. With a profound commitment to quality and a focus on tangible assets. SMETX Swiss SA specializes in the acquisition of physical, genuine, and unique metals, catering to the discerning needs of various industries and wholesalers. What sets SMETX Swiss SA apart is its unwavering dedication to sourcing metals that meet the highest standards of purity and uniqueness. Team understands the intrinsic value that real and pure metals bring to industrial processes and end products. In a world where authenticity is paramount, SMETX Swiss SA takes pride in being a trusted source for high-quality metals. The meticulous process of acquiring these metals involves a thorough vetting of suppliers and a keen eye for detail. The whole team is committed to ensuring that the metals it procures not only meet industry specifications but also surpass them, providing its clients with a competitive edge. This commitment to excellence has earned the company a reputation for reliability and integrity in the metal trading landscape.

The range of metals offered by the group spans a spectrum of special alloys and compositions, catering to the diverse needs of industries and wholesalers. Whether it's rare earth metals crucial for cutting-edge technologies or specialized alloys required in manufacturing, SMETX Swiss SA has the expertise to source and deliver precisely what its clients require. In addition to its prowess in sourcing, the team excels in the resale of these metals to industries and wholesalers. The company has a nuanced understanding of market dynamics, enabling it to offer competitive pricing without compromising on quality. This strategic approach has positioned SMETX Swiss as a preferred partner for businesses seeking reliable and cost-effective sources for their metal requirements.

Group's commitment to sustainability is another noteworthy aspect of its operations. In an era where environmental responsibility is a key consideration for businesses, the company ensures that its metal trading activities adhere to ethical and eco-friendly practices. This not only aligns with global sustainability goals but also reflects positively on the businesses that choose SMETX Swiss as their metal supplier. In essence, SMETX Swiss SA is not merely a metal trading company; it is a trusted partner for industries and wholesalers seeking genuine, pure, and special metals. With a rich history of experience, a commitment to quality, and a focus on customer satisfaction, SMETX Swiss SA continues to shape the landscape of metal trading in Lugano and beyond. In essence, SMETX Swiss in Lugano is not merely a metal trading company; it is a trusted partner for industries and wholesalers seeking genuine, pure, and special metals. With a rich history of experience, a commitment to quality, and a focus on customer satisfaction, SMETX Swiss continues to shape the landscape of metal trading in Lugano and beyond.

2. Our Vision and Mission

SMETX Swiss SA is driven by a steadfast belief in the enduring stability and security offered by pure metals and commodities. In a world marked by economic uncertainties, global pandemics like COVID-19, and geopolitical tensions such as conflicts in regions like Ukraine, SMETX Swiss SA's mission revolves around developing and promoting markets that stand resilient in the face of diverse challenges.

The core philosophy at SMETX Swiss SA is anchored in the recognition that pure metals possess intrinsic value that transcends the volatility often associated with traditional financial instruments. While stock markets may experience fluctuations during times of crisis, the demand for essential metals remains constant. This unwavering demand is driven by the indispensable role these metals play in various industries, ranging from manufacturing and technology to healthcare and infrastructure.

The COVID-19 pandemic highlighted the vulnerability of certain market sectors, underscoring the importance of diversification and risk mitigation. SMETX Swiss SA believes that by focusing on pure metals and commodities, investors and industries can establish a secure foundation that is less susceptible to the unpredictable nature of global events. Even in the midst of a pandemic or geopolitical turmoil, the demand for metals persists, providing a stabilizing force for those invested in this market.

Moreover, SMETX Swiss SA recognizes that these commodities are not merely resilient but also retain stable values over the long term. By fostering and developing markets centered around pure metals, the group aims to create investment opportunities that withstand the test of time. The inherent durability of metals contributes to a more reliable and consistent investment landscape, offering a haven for those seeking stability in an ever-changing world.

The mission to develop markets focused on pure metals is not just about financial welfare; it's about fortifying global supply chains and supporting industries that form the backbone of economies. SMETX Swiss SA seeks to play a pivotal role in ensuring a robust and dependable flow of essential metals to fuel innovation, development, and progress across various sectors.

In pursuing this mission, SMETX Swiss collaborates closely with stakeholders, including industries, investors, and regulatory bodies, to create an ecosystem that fosters responsible trading practices and sustainable resource management. By promoting transparency and ethical conduct, the group aims to elevate the reputation of the pure metals market and position it as a reliable and trustworthy avenue for investment and commerce.

SpecialMetalX

In essence, SMETX Swiss SA is on a mission to champion the resilience and stability inherent in pure metals and commodities. By navigating through market challenges and global uncertainties, the team aspires to contribute to the development of markets that endure, providing a secure foundation for investors and industries alike, regardless of the prevailing economic or geopolitical climate.

Therefore, SMETX Swiss SA has embarked on a groundbreaking journey in the realm of token realization. Pioneering a unique approach, the group has strategically chosen **pure Nickel wire with a diameter of 0.025mm (0.001 in)** as the metal basis for its token creation. This deliberate choice is rooted in a profound understanding of the market and a commitment to delivering a product that epitomizes stability, reliability, and recognition.

The decision to use pure Nickel wire reflects SMETX Swiss SA's dedication to excellence and a meticulous consideration of the inherent qualities of the chosen material. Nickel, renowned for its exceptional purity, resilience, and conductivity, stands as one of the most stable and recognized metals in the market. These attributes make it an ideal foundation for a token, a digital representation of value that demands a foundation as robust as its physical counterparts.

The selection of a wire with a diameter of 0.025mm (0.001 in) underscores SMETX Swiss SA's commitment to precision and attention to detail. This particular diameter ensures the creation of tokens with a level of intricacy that aligns with the company's uncompromising standards. The thinness of the wire not only contributes to the elegance of the final product but also attests to SMETX Swiss SA's pursuit of cutting-edge solutions in the realm of tokenization.

In addition to its technical attributes, the choice of pure Nickel wire speaks volumes about SMETX Swiss SA's dedication to sustainability. Nickel, as a metal, is known for its recyclability and minimal environmental impact. By opting for a material that aligns with eco-friendly practices, the company showcases a holistic approach to innovation—one that not only considers technological advancement but also takes into account the long-term impact on the planet.

SMETX Swiss SA envisions a future where its tokens, rooted in pure Nickel wire, become synonymous with stability, trust, and technological advancement. The company's vision extends beyond mere tokenization; it encompasses a paradigm shift in the way we perceive and interact with digital representations of value. By choosing a metal basis that embodies reliability and recognition SMETX Swiss SA is poised to redefine the standards of token realization and usher in a new era of innovation in the digital landscape..

3. Problems to Solve

Navigating the world of pure metals presents a unique set of challenges that demand a nuanced understanding and experience. The team recognizes that the complexities surrounding pure metals arise from three fundamental aspects: understanding the nature of these metals, ensuring secure ownership, and establishing a reliable valuation mechanism. It is within this intricate landscape that SMETX Swiss SA endeavors to provide a solution, leveraging its expertise to offer a secure pathway to access these valuable resources through tokenization.

Firstly, the challenge lies in comprehending what constitutes pure metals. These are not just commodities; they are essential building blocks for various industries. SMETX Swiss SA acknowledges that unraveling the intricacies of these metals requires a deep understanding of their unique properties, applications, and market dynamics. This knowledge forms the foundation for informed decision-making in the world of pure metals.

Secondly, gaining ownership of pure metals and safeguarding these assets is not a straightforward process. SMETX Swiss SA recognizes the need for a secure and transparent mechanism that ensures rightful ownership. The team understands that the traditional methods of holding physical assets might pose logistical challenges. To address this, SMETX Swiss SA envisions a solution that combines the advantages of ownership through tokenization while ensuring the physical custody of these metals is entrusted to reputable and trustworthy parties.

Thirdly, determining the value of pure metals is a complex task. Market forces, industrial demand, and geopolitical factors contribute to the fluctuating nature of commodity prices. SMETX Swiss SA understands the necessity for a reliable and standardized valuation method that reflects the true worth of these commodities. By leveraging its experience and market insights, the company aims to establish a transparent pricing mechanism that provides clarity and confidence to investors and stakeholders.

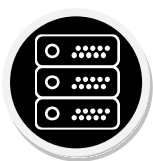
Recognizing that this is a domain where expertise is fundamental, SMETX Swiss SA positions itself as a bridge to these valuable resources for those seeking a secure and knowledgeable partner. The team is committed to democratizing access to pure metals by introducing a tokenization system. This innovative approach involves representing ownership of these metals through blockchain tokens, providing a secure and efficient means of transfer and trade.

To ensure the highest standards of security, quality, and pricing, SMETX Swiss SA advocates for the involvement of trusted third parties in the tokenization process. These reputable entities will not only safeguard the custody of the physical assets but will also certify their quality and establish fair and

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accurate pricing, guarantee about token smart contract technical stability and provide also digital custody of all process over blockchain.

In conclusion, SMETX Swiss SA recognizes the multifaceted challenges inherent in the realm of pure metals. Through its commitment to transparency, security, and expertise, the group aims to facilitate access to these valuable resources via a tokenization platform, involving only the most trusted parties to uphold the integrity of ownership, quality, and pricing in the world of pure metals.



Public

- Doesn't know about pure and special metals
- Doesn't know which metals have what market
- Doesn't know how to buy or sell these commodities
- Doesn't know how to evaluate price of commodities



Experienced

- Doesn't know how to give access to these commodities to the public
- Doesn't know how to fragment the commodities
- Doesn't know how to access liquidity with underlying this kind of commodity
- Doesn't know how to sell in advance commodities, if not to industries and wholesalers

SpecialMetalX, like told previously, it's the solution with its tokenization system to give access to special, high pure metals commodities to everybody.

4. Current Status

4.1. Traceability and Quality

Thanks to the long-term experience of SMETX Swiss SA, the token has as underlying metal that is referenced by reputable research institutes such as **IGAS** (Independent Global Assaying Services in Germany) or **ISE** (Institute of Rare Earths and Metals in Switzerland). These are providing a robust guarantee of the quality of metals used on the tokenization system. These esteemed institutions are at the forefront of scientific research, employing rigorous testing methodologies and advanced analytical techniques to ensure the purity, composition, and integrity of metals. By forging partnerships with institutes of this caliber, businesses and investors can confidently rely on the expertise and certification provided by such research entities, establishing a solid foundation for trust and quality assurance in the realm of metals.

4.2. Institutional Custodian

The stocking of metals and its quantity is provided from a well-known institution also in the Bank sector. This is holding for us the token our metal in deposit. The security and custodianship of special, pure, and rare metals are entrusted to esteemed partner. Renowned for its expertise in secure logistics and storage with its long-term history in holding precious and cash for all banks all over the world, ensures that these valuable metals are held in custody with the utmost care and diligence. The reputation as a trusted custodian adds an additional layer of assurance, providing stakeholders with confidence in the safeguarding of these precious resources. With our partner overseeing the custody, businesses and investors can rest assured that their special, pure, and rare metals are in safe hands.

4.3. Audited Smart Contract

Not only the presence of metal is one important part but also the way these tokens are mint in relation to these rare and pure metals. In fact, conducting a thorough technological audit of smart contracts is essential to ensure the seamless provisioning of tokens. This process involves scrutinizing the code for vulnerabilities and potential exploits, safeguarding against issues that could compromise the integrity of token distribution. By adhering to industry standards and security protocols, a smart contract audit instills confidence in stakeholders, assuring them of a secure and reliable token provisioning process. This proactive approach is crucial in maintaining the credibility and trustworthiness of blockchain transactions in the rapidly evolving landscape of cryptocurrency. This auditing is also provided by high technology partners like **BlockchainX** and **Sparkout**. Moreover, we will also be using to keep all in safe hands tech solutions like **OpenZeppelin**.

5. Solutions

Problem 1



What kind of Metal has value and much more stability for the future?

Anticipating the future value of specific pure metals poses a challenge due to the myriad factors influencing their demand and market dynamics. Various elements such as technological advancements, geopolitical shifts, and evolving industrial needs contribute to the complexity of predicting which pure metals will hold greater value. Navigating this uncertainty requires a keen understanding of global trends, innovation trajectories, and the dynamic interplay of factors that shape the landscape of metal valuation. The difficulty lies in discerning the nuanced connections between these elements, making the future value of pure metals a subject that demands continual observation and strategic foresight.

Solution 1



Long term expertise

SMETX Swiss SA stands as a beacon of long-term expertise in discerning which kinds of metals possess enduring and stable value. Leveraging years of experience, the company has honed its ability to navigate the complexities of global markets and identify metals that demonstrate resilience and sustained worth. Through a nuanced understanding of industrial trends, technological advancements, and geopolitical factors, SMETX Swiss SA positions itself as a trusted guide in determining which metals are poised for lasting value, providing clients with insights that extend beyond fleeting market fluctuations.

Problem 2



How Keep track of quality of these metals?

Ensuring the quality of purchased metals and verifying their alignment with declared purity and type is a challenging yet crucial task. This process demands meticulous scrutiny and testing to guarantee that the acquired metals meet the specified standards. SMETX Swiss SA recognizes the complexity of this undertaking and employs rigorous quality control measures to authenticate the purity and type of metals,

assuring the chain about the accuracy and reliability of these commodities.

Solution 2



Trusted parties

SMETX Swiss SA places paramount importance on the quality and conformity of metals undergoing tokenization. To ensure the utmost precision and meticulous examination, the company exclusively relies on trusted research institutes such as **Independent Global Assaying Services** (IGAS) in Germany reachable at webpage **raremetals.de**. These reputable institutions play a pivotal role in conducting thorough quality checks, guaranteeing that the metals meet declared standards and adhere to specified criteria. Through this commitment to precision and the involvement of esteemed research partners, SMETX Swiss SA aims to establish a tokenization process characterized by transparency, reliability, and adherence to the highest quality standards. All relations of quality and kind of metals will officially publish on **SpecialMetalX.com** webpage to give full transparency of all assets. These attestations can also be checked by peoples over the official research institute.

Problem 3



Keep track of the presence of the related real product

Indeed, the role of a custodian in tokenization is pivotal, and maintaining trust in the process hinges on their ability to regularly verify the presence of all declared amounts. SMETX Swiss SA recognizes the complexities inherent in this task and acknowledges the custodian as a crucial asset in upholding the integrity of tokenized assets. The company places emphasis on selecting custodians with a proven track record for meticulous and regular audits, ensuring that the declared amounts are consistently validated, fostering confidence and transparency in the tokenization process.

Solution 3



Trusted custodian

SMETX Swiss SA is committed to the highest standards of transparency and security in its tokenization process. To ensure the physical presence of materials, the company has partnered exclusively with globally renowned custodians like our partners. This strategic alliance guarantees that the declared materials are diligently verified by our partner on a regular monthly basis,. Through comprehensive reports, stakeholders

receive assurances regarding the authenticity of the materials and are promptly informed of any changes, whether an increase or decrease. This proactive approach reinforces trust in the tokenization process, as SMETX Swiss SA prioritizes reliability and accountability in its partnerships. Always with the same criteria of full transparency on **SpecialMetalX.com** all these reports from custodian will be published on regular monthly basis.

Problem 4



How to give value to these spacial metals?

Pricing special pure metals poses a unique challenge due to their exclusion from traditional stock exchanges, unlike their non-pure counterparts. The scarcity and uniqueness of these metals make establishing a standardized market value more intricate. Special pure metals often lack the high liquidity and frequent trading characteristic of conventional commodities. Their valuation is influenced by factors such as rarity, industrial demand, and geopolitical conditions, making it a nuanced process that requires a keen understanding of diverse variables. The absence of a centralized marketplace further amplifies the complexity, emphasizing the need for specialized expertise in determining the value of these exceptional materials.

Solution 4

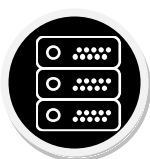


Valuable prices

SMETX Swiss SA is dedicated to ensuring transparent and reliable pricing for rare or special pure metals. In pursuit of this commitment, the company subscribes to the **Institute of Rare Earths and Metals** (ISE) in Switzerland, relying on its official and independent pricing assessments also accessible under subscription on **ise-metal-quotes.com**. These prices, established by a reputable world known institute, will be regularly published and serve as the reference point for token values. SMETX Swiss SA maintains a proactive approach by consistently updating these values on the dedicated platform **SpecialMetalX.com**, providing stakeholders with real-time and trustworthy information on the worth of their tokenized assets.

6. Business Model

SMETX Swiss SA's business model revolves around offering a unique token to the market, providing individuals the opportunity to own real, pure, and special metals. With a focus on assets known for their enduring value, this tokenization approach ensures that investors can confidently hold assets that stand the test of time, aligning with SMETX Swiss SA group and partner's commitment to lasting value and stability.



Unique Proposition

SMETX Swiss SA, thanks the presented partners, proudly introduces a groundbreaking tokenization model that, owing to its intricacies as previously elucidated, stands unparalleled in the market. This innovative approach, allowing ownership of real, pure, and special metals, represents a world premiere. The complexity of this endeavor sets it apart, positioning SMETX Swiss SA at the forefront of pioneering solutions in the realm of tokenization.



Traction

The distinctive appeal of this token lies in its unparalleled features, and the group is excited to enhance its visibility through a high-impact sponsorship plan in MotoGP and over the web on institutional websites. These strategic moves not only elevate the token's market presence but also ensures heightened quality in its sales. To further amplify the efforts, many partners are launching an exclusive roadshow tailored for ultra-high-net-worth individuals as presale. These individuals will have the unique opportunity to be part of this innovative tokenization project, adding an extra layer of exclusivity and prestige to this groundbreaking venture.



Technology and blockchain trustability

As previously mentioned, the creation of a token backed by special and pure metals opens the gateway for individuals to enter an exclusive world of unique assets. This possibility is made feasible through the utilization of blockchain technology, which not only facilitates the seamless operation of the token but also ensures heightened trustworthiness in the overall project. The transparent and secure nature of blockchain technology enhances the credibility of the tokenization, providing participants with increased transparency in their engagement with this innovative project.

7. Token

7.1. How it works

The **SMETX** token, basing on Ethereum networks standard ERC20, is an asset-backed token, where one token represents one centimeter of a Nickel wire with a specific asset ID assigned. In our **case each specific asset is related to any single bobbins**. These bobbins have on it a **wire with a diameter of 0.025mm (0.001in) and a purity of 99.8763%, corresponding to 99.98%** on a metal's basis, stored in professional vault managed by our security house partner. Anyone, who owns **SMETX token** has ownership rights to that one centimeter of Nickel on the specific ID asset assigned. Since **SMETX** represents physical Nickel, its value is tied directly to the real-time market value of that of physical Nickel.

SMETX gives customers the benefits of actual physical ownership of Nickel with the speed and mobility of a digital asset. The price, like previously told will be not only be connected on regular basis to the smart contract, but also published transparently on the **SpecialMetalX.com** website.

As previously outlined, the token minting amount will precisely align with the certified and verified quantity of the underlying assets. This commitment to accuracy ensures that the token issuance is directly reflective of the real and certified quantity of special metals, adding an extra layer of trust and reliability to our tokenization process. The ownership of the token will be in SMETX Swiss SA hands, but there is also a fully thrusted licensed partner as custodian that will do digital custody of the smart contract and minting or destroying of tokens.

The token name will definitively be **SpecialMetalX** and its symbol will be **SMETX**.

The **SMETX** tokens, as real-world asset token, will be minted like following list:

Bobbin No.: 1	Net Weight [g]: 215 – 48'805 [m]	– Token 4'880'500
Bobbin No.: 2	Net Weight [g]: 309 – 70'143 [m]	– Token 7'014'300
Bobbin No.: 3	Net Weight [g]: 371 – 84'217 [m]	– Token 8'421'700
Bobbin No.: 4	Net Weight [g]: 332 – 75'364 [m]	– Token 7'536'400
Bobbin No.: 5	Net Weight [g]: 247 – 56'069 [m]	– Token 5'606'900
Bobbin No.: 6	Net Weight [g]: 192 – 43'584 [m]	– Token 4'358'400
Bobbin No.: 7	Net Weight [g]: 240 – 54'480 [m]	– Token 5'448'000
Bobbin No.: 8	Net Weight [g]: 429 – 97'383 [m]	– Token 9'738'300
Bobbin No.: 9	Net Weight [g]: 221 – 50'167 [m]	– Token 5'016'700
Bobbin No.:10	Net Weight [g]: 215 – 48'805 [m]	– Token 4'880'500
Bobbin No.:11	Net Weight [g]: 215 – 48'805 [m]	– Token 4'880'500

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Bobbin No.:12	Net Weight [g]: 208 – 47'216 [m] – Token 4'721'600
Bobbin No.:13	Net Weight [g]: 225 – 51'075 [m] – Token 5'107'500
Bobbin No.:14	Net Weight [g]: 346 – 78'542 [m] – Token 7'854'200
Bobbin No.:15	Net Weight [g]: 267 – 60'609 [m] – Token 6'060'900
Bobbin No.:16	Net Weight [g]: 224 – 50'848 [m] – Token 5'084'800
Bobbin No.:17	Net Weight [g]: 250 – 56'750 [m] – Token 5'675'000
Bobbin No.:18	Net Weight [g]: 306 – 69'462 [m] – Token 6'946'200
Bobbin No.:19	Net Weight [g]: 246 – 55'842 [m] – Token 5'584'200

7.2. Market Analysis & Potential

This special metal token holds immense market potential due to its unique offering – ownership of real, pure, and valuable metals. Backed by a groundbreaking tokenization model, its transparency, coupled with strategic partnerships and a high-impact sponsorship plan, sets it apart. The direct correlation between the token's value and the referenced special metal, coupled with the exclusivity of the project, positions it as a distinctive and appealing opportunity in the market.

7.3. Regulatory Compliance

The creation of our token adheres to the highest standards, ensuring robust security and transparency. Additionally, we prioritize strict compliance with Swiss and international laws, providing with confidence in the legality and legitimacy of our tokenization process. As per our development plan all processes will be set up to guarantee everybody. We have also explicit put on this whitepaper the legal disclaimer.

8. Technology

8.1. Smart Contract

Certainly, in line with best practices, the smart contract governing this token has gone under a rigorous technological audit. This ensures that the code is thoroughly examined and scrutinized for security and reliability, aligning with team's commitment to maintaining the highest technological standards in the implementation of the token smart contract.

SMETX is a token issued according to the ERC20 token standard based on the Ethereum blockchain, which means that in the **SpecialMetalX** ecosystem, **SMETX** tokens provide unique ownership of real metals, pure metals, and precious metals.

Starting from these demands, **SpecialMetalX** plans to thoroughly guarantee the security and reliability of **SMETX** to users and provide various types of services to users based on **SMETX** tokens.

The token's smart contract has the key features listed in following audit protocol.

8.2. Audit

The creation of our token adheres to the highest standards, ensuring robust security and transparency

- **Owner's Custodian Wallet Change:** Confirming that the owner (SMETX Swiss SA) can change the custodian wallet. The digital custodian will guarantee issuing tokens on legislation basis.
- **Custodian's Wallet Address Change:** Ensuring that the custodian cannot change their wallet address.
- **Owner's Custodian Assignment:** Verifying that the owner can assign the custodian account to themselves.
- **Custodian's Minting Authority:** Confirming that the custodian has the ability to mint new tokens.
- **Non-Custodian Minting Restriction:** Ensuring that non-custodians cannot mint new tokens.
- **Owner's Minting Restriction:** Verifying that the owner cannot mint new tokens.
- **Token Burning Authorization:** Verifying that token owner can burn the tokens they own.
- **Burn Limit Check:** Ensuring that token holders cannot burn more tokens than their available

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balance.

- **Owner's Native Token Withdrawal:** Confirming that the contract owner can withdraw the native token from the contract.
- **Non-Owner Native Token Withdrawal Restriction:** Verifying that non-owners cannot withdraw the native token from the contract.
- **Owner's Any Token Withdrawal Authority:** Confirming that the contract owner can withdraw any token from the contract.
- **Non-Owner Token Withdrawal Restriction:** Verifying that non-owners cannot withdraw any token from the contract.
- **Token Contract Ownership Change:** Confirming that only the owner can change the token contract owner.
- **Non-Owner Ownership Change Restriction:** Verifying that non-owners cannot change the token contract owner.
- **Token Approval Confirmation:** Ensuring that anyone can get token approval from the contract.
- **Token Holder Allowance Increase:** Confirming that token holders can increase the allowance for another user.
- **Token Holder Allowance Decrease:** Verifying that token holders can decrease the assigned allowance for the user.
- **Allowance Lower Limit Check:** Ensuring that users cannot reduce the allowance to below zero.
- **Allowance Check for 'Transfer From' Function:** Verifying whether the user has an allowance to transfer the token via the 'transfer from' function.
- **Disallowance for Transfer Without Allowance:** Confirming that users cannot transfer the token from their wallet without having an allowance.

Absolutely, the ERC20 token's functionality extends to include essential read functions, ensuring transparency and accessibility:

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- **Balance Verification:** Confirming that the 'balance of' function returns a valid token count.
- **Custodian Wallet Address Retrieval:** Verifying that the function retrieves the current custodian wallet address.
- **Token Decimal Details:** Ensuring that the function provides accurate token decimal details.
- **Token Name Retrieval:** Verifying that the function retrieves the token name details, like previously describe our Token Name will be **SpecialMetalX**.
- **Owner Address Details:** Confirming that the function returns the details of the current owner address.
- **Symbol Name Retrieval:** Verifying that the function retrieves the details of the symbol name, this will be like written **SMETX**
- **Total Supply Verification:** Confirming that the 'total Supply' function returns the valid total supply of the token up to the present moment.
- **Allowance Retrieval:** Verifying that the 'allowance' function returns the wallet's allocated allowance value.

These read functions play a crucial role in providing users and stakeholders with real-time and accurate information about the token's status, ownership, and supply, contributing to the overall transparency and reliability of the ERC20 token.

All functions in general are audited and people can always ask all these information to check by themselves seriousness of the token issuing process.

8.3. Tracking system

Owing to regulatory considerations, the regulatory authority for securities in Switzerland requested to make the Nickel reserves as transparent as possible. Most specifically, since the Nickel in the reserves are in Wire form, they are stored by spooling them on Bobbins like presented in the previous sections. So, the tokens issued based on the reserves, have to be tracked based on which Bobbin was considered when a quantity of SMETX tokens was issued. Since SMETX token was built on the ERC20 standard and it is fungible, and individual tokens is not able to bear any metadata separately like NFTs and since we need, and want also, to list on Decentralized Exchanges and be traded by anyone, we have to keep the token in the ERC20 standard.

So, we build a solution using all minted SMETX Tokens (ERC20) integrating a Nickel Backed NFT (ERC1155) and a Token Issuance DAPP. This technology will be the ground system that will be used as base front for the foreseen NFT platform for alle special metals. This "NFT Platform" will allow to track in

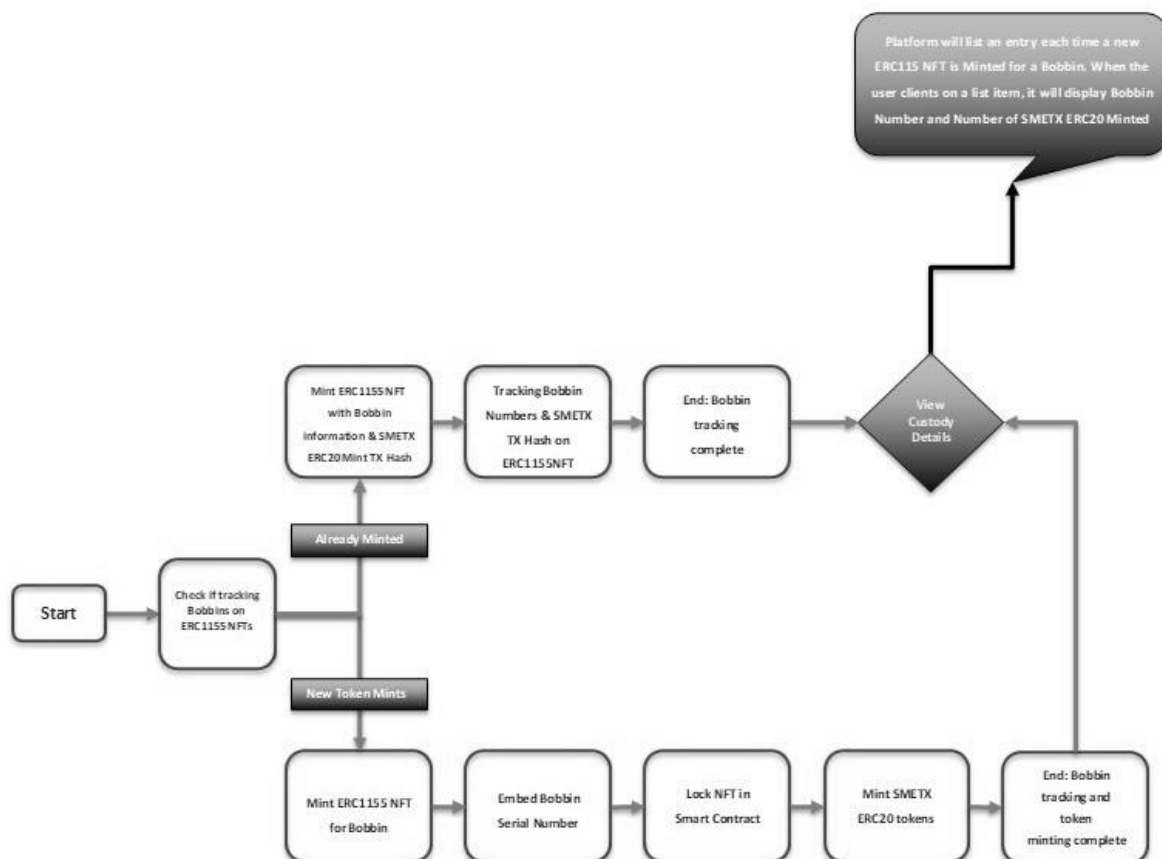
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transparency every future asset that the group will track.

In particular this solution will give following functionalities:

1. The Token Issuer can access the Token Issuance DAPP by connecting their Web3 Wallet. Only this user role can access the DAPP to guarantee correct information and asset integration.
2. Once the Token Issuer connects its wallet, he will gain access to an interface where they can enter the details of a quantity of the asset in custody (Bobbin of Nickel Wire).
3. They can enter the details and click on Mint Asset. This will deploy an ERC1155 which contains the details about the asset in custody (Bobbin of Nickel Wire) embedded in the Metadata. The admin can also upload proof of reserves with the bobbin details then upload it to IPFS.
4. This ERC1155 NFT can then be locked inside a smart contract and SMETX tokens in circulation can be represented as being minted from bobbin. And tracked on the connected bobbin.

As result, while it is not possible to track each asset in custody using the ERC20 standard, we can track each Bobbin of Nickel Wire on the underlying ERC1155 Token. The historical data will also show that the amount of SMETX tokens have been minted according to the ERC1155 Tokens locked inside the Token Issuance Smart contract.



9. Token Minting and Sale

At **END 2023** with the official start of minting at **Dec-28-2023 03:11:23 PM +UTC** the first **IGAS certified pure Nickel wire with a diameter of 0.025 [mm] (0.001 [in])** for **5'058 [g]** (out of the full amount of 10'0410 [g] see certificates) we have **1'148'166 [m]** ($5'058 [g] \times 227 [m/g]$), with the logic that each centimeter corresponds to one token, at the start we have minted **114'816'600 SMETX tokens**. At the value of **1.274 EUR** per centimeter (**127.40 EUR/meter** as per **ISE pricing 99.98% pure Nickel wire price at Dec-24-2023 00:00:00 PM +UTC**) gives us the value of **146'276'348.40 EUR** for the whole token amount minted until **Dec-28-2023 03:11:23 PM +UTC**.

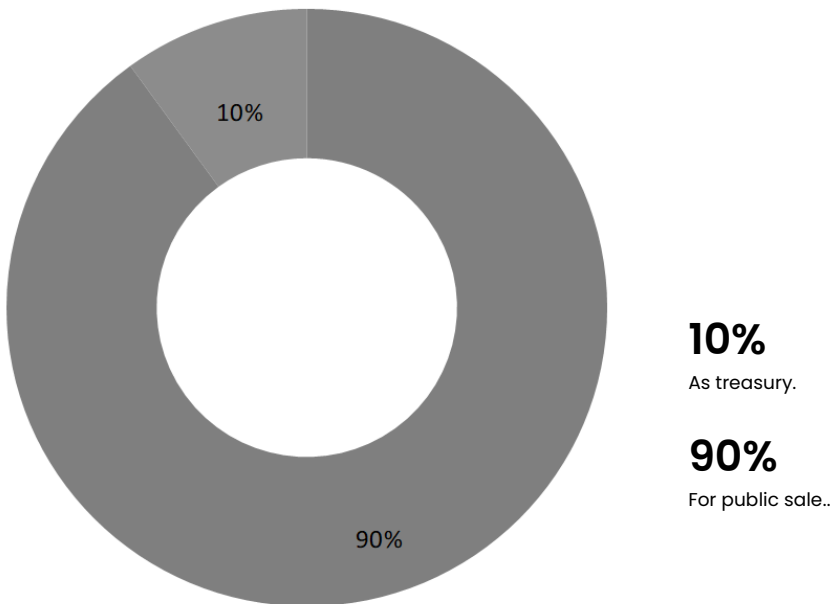
The value in EUR of all circulating supply is:

EUR 146'276'349 at END 2023

The value in EUR on sale is:

EUR 131'648'714 at END 2023

percentages



10. Roadmap

Q4 2023	●	Finishing collecting of Nickel Wire from Partners, 1 Box 37 Bobbins
	●	Writing of White Paper and checking Smart Contract rules
	●	Checking of first 19 Bobbins, IGAS Research Certificate of Analysis No. 0004656 , Total net weight content 5'058 Kg, 1'148'166 meters
END 2023	●	Custodian in Switzerland , transportation from previous Partner under SMETX Swiss SA reference
	●	Writing of White Paper finished and revised, Website of SpecialMetalX.com Published, Smart Contract deployed on ETH Main net and first amount of 1'148'166 meters token in cm minted (114'816'600 token)
Q1 2024	●	Sale start
	●	Marketing promotions and roadshow for ultra-high-net-worth-individuals (UHNWI) starts
	●	Certificate of Analysis for the difference of 18 Bobbins and minting asap confirmed under check of Custodian
Q2 2024	●	Confirmation of validity of token from FINMA
	●	Increase of Marketing actions and finishing of sale first amounts and new minting of token with new assets (almost 60M EUR)
	●	Marketing for next public sale
	●	Increase minting with more Bobbins from other Partners and investments for creating: Special Metal Asset Tokenization Platform Tokenize any real-world commodity as an NFT and Crypto Tokens, store details on the blockchain, and make them tradable on-chain. Special Metal NFT Collateralized Lending / Borrowing Platform Allow users to deposit asset NFTs as collateral and borrow popular cryptocurrencies as Loans. Users can also earn crypto by becoming lenders.
Q3 2024	●	Public sale progressing and minting of other same assets for creating: Special Metal NFT Marketplace Exchange Trade Real World Metal and Commodity Asset NFTs with other users on the open market.
	●	Special Metal Fractional Token Orderbook Dex Exchange Allow users to buy and sell fractions (ERC20) of tokenized Metal and Commodity NFTs, without worrying about large liquidity requirements Real World Asset Launchpad Businesses can fundraise for real estate projects by holding a presale of the tokenized real estate asset through the launchpad.
Q4 2024	●	

11. Team



Jane Lepori

President of SMETX Swiss SA

Experienced in finance,
corporate finance and trustee



Romina Costa

**Assistant of the board
members**

Experienced in Business
Administration and Corporate
Finances



Freddy Zaehner

**Technical Advisory
Fintech development**

Experienced in fintech,
and serial entrepreneur



Stefano Bertocchi

**Technical advisory
Lic. Engineer Electronics and
Comm Sciences**

Experienced in Blockchain
technologies and trading bots



Srdjan Putnik

**Technical advisory
Full Stack Dev**

Experienced in Blockchain
technologies and trading bots



Yokesh Sankar

**Co-Founder
at BlockchainX**

Tech Entrepreneur &
Blockchain Consultant



Vinayak Rajagopalan

**Head of Business
at BlockchainX**

Experienced in Web3 and
Tokenomics

12. Legal Disclaimer

IMPORTANT LEGAL NOTICE

Please read this legal notice carefully. In case of doubt, contact lawyers, legal experts or other competent legal professionals. All information provided does not claim to be complete and should not be construed as part of a separate contractual agreement. The **SMETX** token is an asset token created on the Ethereum blockchain, so it cannot be purchased or used for speculative or investment purposes. The **SMETX** token will be issued by a technical process that uses the Ethereum Blockchain. This is an open-source IT protocol over which SMETX Swiss SA has no rights or liability in terms of its development and operation. By purchasing the **SMETX** token, the Buyer acknowledges and understands therefore that SMETX Swiss SA (incl. its bodies and employees) assumes no liability or responsibility for any loss or damage that would result from or relate to the incapacity to use the **SMETX** token, the SMETX Swiss SA's Platform, excepted in case of intentional misconduct or gross negligence. The **SMETX** token is based on the Ethereum Blockchain. Any malfunction, unplanned function or unexpected operation of the Ethereum Blockchain may cause the **SMETX** token to malfunction or operate in a way that is not expected. SMETX Swiss SA assumes no liability or responsibility in this respect except in case of intentional misconduct or gross negligence directly attributable to SMETX Swiss SA. SMETX Swiss SA assumes no liability or responsibility whatsoever for any loss of the **SMETX** token or situations making it impossible to access the **SMETX** token, which may result from any actions or omissions of the Buyer, as well as in case of hacker attacks. SMETX Swiss SA is not liable for any loss or damage arising from the use of the material and contents of this White Paper, including written material, links to third party sites, data, quotes, charts and buy/sell signals.

Knowledge required

Any buyer purchasing the **SMETX** token shall understand and have significant experience of cryptocurrencies, blockchain systems and services, and understand the risks associated with the purchase of the **SMETX** token as well as the mechanisms related to the use and custody of cryptocurrencies. By purchasing the **SMETX** token the buyer acknowledges having carefully reviewed this White Paper so to understand the risks, costs and benefits associated with the purchase, storage and use of the **SMETX** token.

No Investment Invitation

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securities in any jurisdiction.

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The sale of **SMETX** token is final: the **SMETX** token is non-refundable and not redeemable. The SMETX token are not convertible in shares or certificates of the SMETX Swiss SA or SMETX Swiss SA's Group and do not grant any right to receive any such share or certificate. The **SMETX** token do not confer any direct or indirect right to SMETX Swiss SA or SMETX Swiss SA's Group capital or income and, in particular, do not grant any right to dividends or interests or to any other share or participation to the SMETX Swiss SA SMETX Swiss SA's Group revenue or earnings. The **SMETX** token are not shares or participation certificates and do not give any right to participate to, or vote in, the general meeting of the SMETX Swiss SA or the SMETX Swiss SA 's Group or to influence in any way the respective corporate governance or the decisions of the corporate bodies of the SMETX Swiss SA or the SMETX Swiss SA 's Group. SMETX Swiss SA considers that the **SMETX** token does not have the legal qualification of a security pursuant to Swiss Law. The offering of the **SMETX** token on an exchange platform is not done for speculative purposes and does not change the legal qualification of the token as an asset backed token.

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Tax Compliance

Buyers of the **SMETX** token are entirely responsible for determining any taxes applicable to their transactions. The Company is not responsible for determining the taxes applicable to transactions.