SCALABS
A 3D PRINTED COMPANY

Additive Manufacturing Enhanced by the Blockchain Ecosystem

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01. OVERVIEW

The advent of blockchain technology has changed the conventional ways of production across several industries. From Finance to transportation, supply chain, and manufacturing, blockchain technology is changing the narratives and bringing innovative ideas and solutions to the problems these industries are facing and creating additional revenue streams for them.

We are on the cusp of the 4th Industrial Revolution, where physical and digital technologies will radically alter how companies conceive, design, produce, distribute and repair nearly everything. The manufacturing industry is at the forefront of this, always looking at new and innovative working methods. In recent years, 3D printing have been at the leading edge. The increased global demands for sustainable solutions and customized products have resulted in a surge in demand for 3D printing technology, equipment, and materials, as well as demand for these advanced-printed parts and products.

Recent technological advancements in the field have improved the outputs of 3D designs and halved the costs while delivering twice the performance unlike traditional production. There are still several problems rocking the 3D printing sector which is moving beyond equipment, repeatability, and post-processing procedure. Manufacturers also have issues around 3D supply and value chain, prototyping, and the use of technologies.

We understand that advancements in 3D printing have unlocked a wide spectrum of production applications. From accelerating prototyping to cutting the lead time and costs of outsourcing tooling, manufacturing processes are ripe with opportunities to benefit from 3D printing.
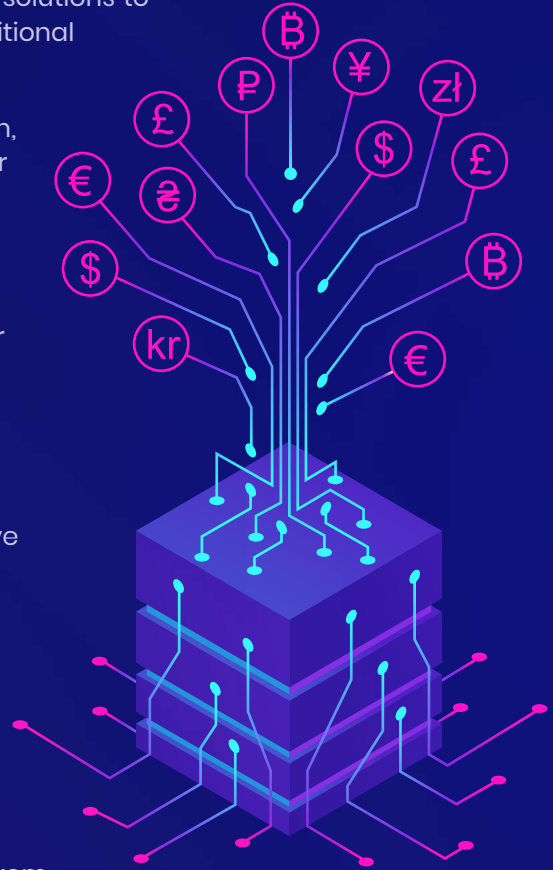
Interestingly this is where SCALABS comes in. We're set to bring the disruptive capabilities of blockchain and cryptocurrencies into the 3D niche of the manufacturing industry.

Blockchain + **Crypto-Asset** + **3d Printing**

We are directly addressing the NFT market's lack of value tangibility by developing this segment through real 3D printed objects. One of the most promising applications of blockchain technology is supply chain management. Blockchain—the digital record-keeping system developed for cryptocurrency networks—can help solve the supply and value chain problem of the 3D niche by instilling trust and enabling faster and more cost-efficient delivery of products, enhancing products' traceability, improving coordination between partners, and helping access to financing.

02. INTRODUCING SCALABS

SCALABS is leading a revolution that will forever change the manufacturing industry and its value chain. We aim to transform the way society consumes by elegantly combining 3D printing and blockchain to form a new generation of phygital assets (combining physical and digital elements).

Large-scale NFTs 3D printing factory is a world premiere introduced by SCALABS. Nevertheless, some projects proposed collections linked to real objects, yet they are not scalable in terms of production. Our NFT products for sale include NFC chips. These products have many use cases as they can be integrated into Play-to-Earn, Metaverse, or any other partner ecosystem.

We are interested in blockchain because the adoption rate of the cryptocurrency market is astonishing. More than 100 million people worldwide have invested in it, and the number of Blockchain wallet users is growing drastically. The tradeoff between growth and value is an age-old story with implications and repercussions. Non-fungible tokens (NFTs) are the perfect instance. They are speculative record elements in the investment world that remain very provocative due to the lack of current tangible value for their users. However, the democratization of blockchain has allowed the emergence of new use cases for the technology, such as Play-to-Earn and DeFi. These growing fields have enlightened the latent needs of communities worldwide by offering innovative solutions with high added value.

Another good example is the concept of Metaverse. This innovation offers innumerable possibilities from the industrial and entrepreneurial points of view. These new fields are the strategic exploitations of tomorrow, and many players are trying to take position in this endeavor. This competition has allowed a dazzling advance in knowledge development, and this technology's applications have gradually exposed the public to the so-called Web3.

SCALABS sees an opportunity to improve the cryptocurrency market by using the astonishing technology of 3D printing. It opens the way to new industrial, economic, scientific, social, and societal ecosystems. The project creates a new industrial ecosystem due to its applications for manufacturing processes, materials, and softwares, which are still in full creative effervescence. It creates a new economic ecosystem through 3d printing, causing the upheaval in many industries' value chains, from aeronautics to fashion. It makes obsolete many of the current production methods of goods and services. SCALABS also alters scientific processes by requiring massive research, especially in machines, materials, and software. This niche generates a new social ecosystem by asking all economic actors, including consumers, to review their positions on the value of their acquired know-how and the urgency of acquiring new ones. Last but not least, it will upend the societal ecosystem when the informed public directly accesses an environmentally sustainable and large-scale production method for personalized mass objects.

SCALABS' warranty offers fits into the epicenter of different sectors. We have a unique production model that grants a lifetime warranty on every output (subject to conditions), and the company is capable of producing new items or upgrading existing ones to a newer version. This process enables the implementation of responsible recycling treatment while promisong the consumer that the company has not incorporated any form of planned obsolescence in its products.

The company's main ecosystem will be an online marketplace constituted by NFTc 3D-printed products. This will help us fit into a limited series logic focused on :

User Experience   **Design**   **Product**

This marketplace will offer an innovative shopping experience by implementing 3D web engineering. It is worth mentioning that it will be powered by a native currency that will serve as the platform's utility token, enabling its participants to capture the created value. With the marketplace, NFTc products can be integrated into Metaverse and Play-to-Earn activities, and consumers can print their favorite NFTs seamlessly.

The company's long-term vision includes developing different areas of strategic activities that will change the industry's status quo in due course. Some of the areas include :

Manufacturing Activity

Research & Development

Commercial Activity

2.1 CURRENT ISSUES OF THE NFT MARKET

Although the NFT Marketplace is currently booming and generating impressive profits for dealers, it is not yet free from some fundamental challenges. Since it is a virtual economic space that models the physical world, the more marketplaces, the higher the tendency for sub-standard products. There is also a similar trend with the current proliferation of NFT Marketplaces, with products that may undermine the value, trust and worth of some NFT ecosystems. Here is a graphical representation of some of the problems we have identified within the NFT market.

Multiplying projects		Speculative bubble
Market saturation	**NFT MARKET**	Lack of value tangibility
Counterfeits and scams		Lack of NFT interoperability

We have also identified some core issues that are needs for Web3 brands that revolves around user experience, community and value creation as shown below.

Community
Capturing the attention of over-solicited Internet users on social networks in order to build a trust relationship with them.

User Exerperiences
Deliver an exclusive community experience with the objective of building user loyalty while improving the e-image of the project.

Value
Increase the value tangibility of NFT collections by adding value for the consumer while diferentiating from the competition

2.2 SCALABS ECOSYSTEM

SCALABS's ecosystem comprises the Web 3 platform, NFTc products, Utility Token, and Design to Earn opportunities for users, all powered by Binance Smart Chain Network. The platform provides a large-scale 3D printing manufacturing and a marketplace connecting content creators with end users who will purchase their content, which will generate a balance between NFTc output and consumption, having creators earning a decent income from their intellectual properties.

Transactions between both parties will be carried out with $CRAFTS tokens. The native utility of the platform that powers its economy by creating engagement value for consumers and enabling participants to capture the value created. Users can also earn the token via our Design-to-Earn (D2E) competitions, where community members will vote on entries to pick unique NFTc.

SCALABS PLATFORM

Enhanced by blockchain technology

Providing large scale 3D printing manufacture and connecting content creators with customers.

NFTc PRODUCTS

A lifetime guarantee product

Designing exclusive premium phygital assets to elevate traditional consumption to a new, newer, and inclusive standard (NFC technologies).

UTILITY TOKEN

Powered by the blockchain

Will power SCALABS' in-experience economy by creating sustainable engagement value for consumers and enabling its participants to capture the value created.

DESIGN TO EARN

A new way to earn tokens

Design competitions will be organized, and teams and the community will be able to vote on entries to introduce unique and exceptional ranges of NFTc products

REWARD PROGRAM

Enhanced by blockchain technology

Offer fair rewards to each stakeholder to allow the company to scale up quickly.

2.3 CHALLENGES

Next generation of phygital assets, lifetime-guarantee

- Exclusive NFTc collections released in a series of thousands of items, submitted and offered on our marketplace for an innovative experience.

Manufacturing

- Scalable Research Labs is working on 3D-printed products and machinery to reduce the ecological footprint and create economies of scale.

In a long-term period of time, we aim to position ourselves as one of the European leaders in additive manufacturing. To achieve this goal, we will centralize our production sets on French territory and control each constituent link of the supply chain by using various technical solutions. Our sales platform will be a marketplace of 3D-printed NFTc products marked by their uniqueness. An NFTc has exclusive content : it is a collection composed of several objects with unique designs, ownership details, security, and metadata.

Each unit in SCALABS' production chain will allocate necessary resources toward deploying finished items to sale them in order to accommodate an exponential growth. Other sections will be dedicated to the production of various machinery components to reduce their cost. Like any industrial production technology, 3D printing requires processed raw material. As such, we will have a dedicated unit to produce consumables to help lower the cost of resources. This unit will make the control of the production's quality items with a high level of precision while maintaining a wide room to maneuver concerning their diversity.

In addition, the unit in charge of consumables will oversee material recycling to reduce waste and environmental pollution, a drastic production costs and will increase factory productivity per hour to about tenfold. SCALABS already has a research and development laboratory that is focused on machine development and mandatory machinery maintenance. The R&D lab is also in charge of modeling and designing a range of unique products offered in the marketplace.

In conclusion, the main orientation of this scalable project is to ensure a high degree of flexibility concerning the company's ability to adapt its structure to its environment. This adaptation will include the company's internal organization, market management, and production start-up. Once SCALABS can achieve its aim, we will optimize the various roles in the industrial production niche and become competitive among our peers. It is also important to note that the enormous potential of SCALABS lies in its vast range of applications, which taps into a huge market opportunity that will continue to grow with the rise of proprietary technology :

Digital 3D model
allowing interoperability

3D printed model
to phygitalize valuable assets

NFTs technology
to access the next generation of user benefits

NFC integration
for immersive experiences

NFTc CONCEPT

03. SCALABS BUSINESS MODEL

SCALABS' ecosystem and data economy are designed to create a sustainable environment that incentivizes the creation and consumption of phygital products to monetize the resulting NFT transactions. Our combination of 3D NFTs and conscientious tokenomics that offer significant revenue prospects to various stakeholders will mark a turning point in blockchain's new economic and creative use.

Low-value products that will - in most cases - be thrown away within a few years and are usually difficult to recycle are common in our society. However, with our manufacturing model heading towards material recycling and upgrade, we are confident that zero malpractice goes into manufacturing our products.

Revenues generated through NFTc sales will be equitably shared between value-creating parties. Content creators will also receive a fair share since their work brings our entire ecosystem to life. Partner companies will be compensated for providing third party services to product manufacturers or influencers, enabling upselling through their networks. SCALABS will get the remaining portion of the revenue which will be reinvested in new development / R&D.

On top of the aforementioned, SCALABS is studying several possibilities of integrating different items within the Metaverse. Framing's structures would also be rewarded.

The use of blockchain technology with its immutable and transparent data storage strongly focuses on the idea of this fair and creator-centric approach. Additional revenue streams are unlocked and accelerated for all participants in the ecosystem by tokenizing in-experience activity.

SCALABS will emphasize different operating procedures in its experience ecosystem by creating its utility currency. This currency aims to be functional and foster specific behavior to induce viral exposure, social interaction, and connectedness within the experience. It will do this by, firstly, bringing in new consumers via referrals from existing users, encouraging interaction and connection between them to increase their engagement, retention, and network effect. This will be made possible and will be monitored by integrating an NFC chip into the products. This chip will allow the user to scan their product through their phone to go to the owner interface of their NFTc and access its digital aspect at their convenience.

BUY

Next generation experiential store, allowing ICO, purchase of token and items.

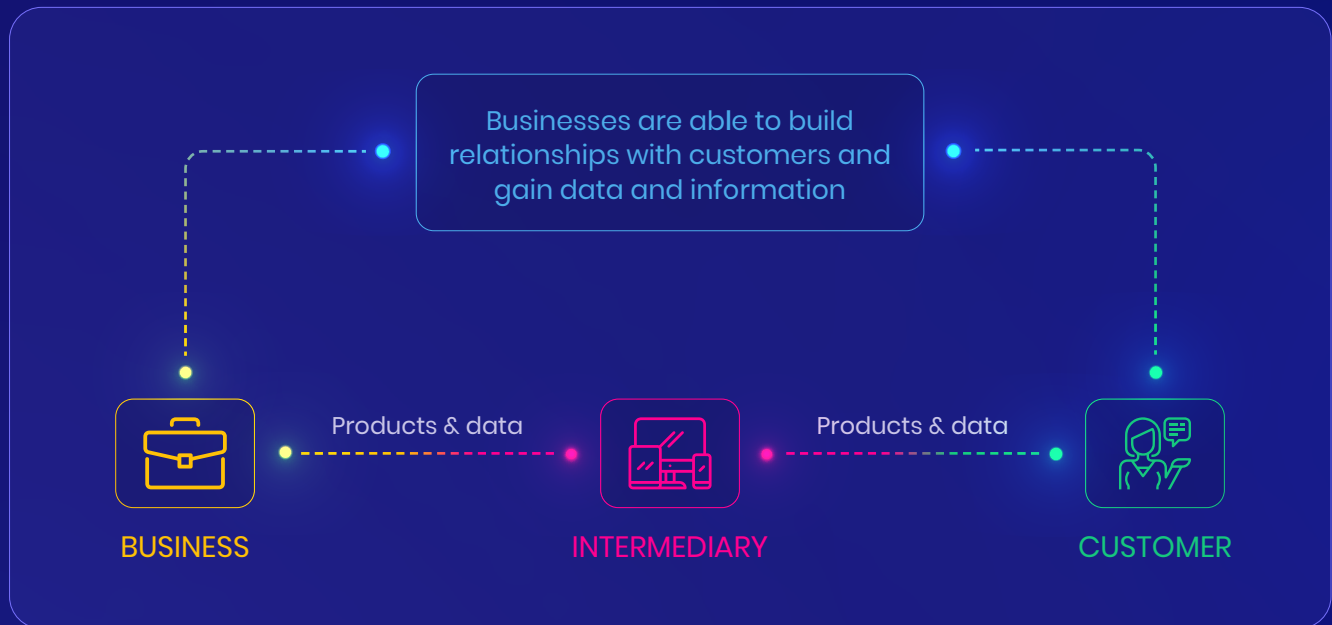A certified & individual asset, bearer of idea and preserver of value : unique design.

An NFTc auction hall where users can purchase or bid on exclusive items.

B2C - Business to Consumer

The public commercial offer is based on a marketplace with several themes of strategic activities to match with its long-term objectives, one of them being to offer different categories of high-end products. To have a clear and concise global methodology with our business model, SCALABS will use the B2B2C approach. This will allow us to combine the leverage benefits of the conventional B2B and B2C strategies and reach a larger customer base thanks to partnerships with other companies to bring new users, customers, and attractivity.

Businesses are able to build relationships with customers and gain data and information

Products & data   Products & data

BUSINESS   **INTERMEDIARY**   **CUSTOMER**

B2B - Business to Business

On the other hand, a different sector will target professionals in three ways :

Providing tailor-made production solutions for different types of projects, including communication objects, promotional items, decorative elements, and reproductions among others, for quantities ranging from ultra-limited to limited.

Fostering strategic sales partnerships has a very high potential for increasing SCALABS' reputation and visibility. These partnerships deal with the various specialized points of sale of different target markets as well as major players in the sector. Specific B2B staking solutions will be established to encourage various players to have a long-term collaborative approach.

Providing approved projects falling within an innovation framework by our partners. Developing this segment will give us the opportunity to work with businesses, individual designers, and creators who will be proactive on various projects as it fits the scope of design to earn. This will help accelerate the evolution of different NFTc categories offered on our marketplace while rewarding active community members.

04. SCALABS TECHNOLOGIES

4.1 WHAT IS BINANCE SMART CHAIN (BSC) AND HOW IS IT DIFFERENT ?

Binance Smart Chain (BSC) is a Proof-of-Stake consensus algorithm-based blockchain built for running smart contract-based applications. It runs in parallel with Binance's native Binance Chain (BC), which allows users to get the best of both worlds: BC's high transaction capacity and BSC's smart contract functionality. Furthermore, Binance Smart Chain implements the Ethereum Virtual Machine (EVM), which allows it to run Ethereum-based applications like MetaMask. The blockchain network aims to enable developers to build decentralized applications (DApps) and help users manage their digital assets cross-chain with low latency and large capacity. Its native token is BNB.

As of now, Binance smart chain is one of the world's fastest blockchains and is well known for its lightning-fast transactions. The speed of execution of transactions and the low network fee that BSC offers make it a viable smart contract framework option. These features solve the problem of scalability and adaptability rocking existing blockchains.

Apart from this, BSC operates as a Proof-of-Stake consensus algorithm compared to Bitcoin and Ethereum blockchains that are Proof-of-Work based—enabling higher throughput and making it more environmentally friendly as it consumes a considerably low amount of electricity.

Here are some of the core attributes of BSC:

The different objectives for consensus in BSC show how the Binance Smart Chain token list can include all Ethereum-based tokens.

4.2 FUTURE TECHNOLOGY INTEGRATIONS

WHY DO WE WANT TO POSITION OURSELVES ON MULTIVERSX (ELROND)?

Highlights :

Performance : 15,000 current TPS, 6s block time, $0.001 tx cost, can scale beyond 100,000

Developers : royalties - 30% SC gas returned to authors, full IDE, Rust framework

Validators : ~20% APR for running nodes, low system requirements

Maiar app with social recovery and embedded DeFi

Tokens (FT, SFT, NFT) embedded into the protocol

Network setup : 3,200 nodes, with 4 shards

WHAT IS ELROND?

Elrond is a distributed transactional computation protocol which relies on a sharded state architecture and a secure Proof of Stake consensus mechanism. While most other blockchain networks require custom hardware and high energy consumption, Elrond runs on average computers. By employing sharding, a method of coordinating data & transactions processing, Elrond's performance will scale up with the number of computers joining the network, reaching more than 100.000 transactions per second while growing increasingly decentralized.

HOW IS ELROND DIFFERENT?

The Elrond network is the first to offer a efficient solution where all the three aspects of sharding - state, network and transactions - have been implemented at once. Combined with its "Adaptive" component,s this new architecture allows dynamic network configuration to maintain a high level of security while scaling with the demand. In addition to scaling through sharding, Elrond also approaches the consensus problem with a mechanism called Secure Proof of Stake, which mitigates potential attack vectors when compared to Proof of Work, while also enabling large throughput and fast execution.

Elrond is able to provide a very high level of performance on a network made of inexpensive computers, resulting in a very low cost engaged per transaction. In addition to performance and financial, Elrond also stands out through the quality of the developer experience and the resulting boost in usability on the end-user side.

eGLD
Value

Elrond Network
Blockchain

Maiar
Money & DeFi App

4.3 META TRANSACTIONS

Meta transactions are transactions in which data is created and signed off-chain by one person and executed by another who pays the gas fees. In other words, it is a regular transaction that contains another transaction : the actual transaction. The actual transaction is signed by a user and then sent to an operator or something similar - no gas and blockchain interaction is required.

SCALABS aims to bring non-crypto users to the blockchain world. To achieve this, we believe the system should be as transparent to the user as possible. Meta transactions users that own $CRAFT to interact with our platform without owning or knowing what BNB is or any of the tokens that will be used.

4.4 WALLETS

We lower the security risk on our backend by reducing the responsibility of hot wallets that are only used for referral and allow listing. The other wallets are cold storage wallets responsible for updating the platform with new contracts and parameters. Later, these may be a part of a governance mechanism. For these cold wallets, we use two out of three multisignature wallets (https://github.com/gnosis/MultiSigWallet), and all the owners of those multisignatures are three hardware wallets. This wallet can upgrade our $CRAFT token and extend functionality via super operators.

In relation to the methods of payment accepted for the purchase of $CRAFT during ICO, a user can choose between two different ways to pay :

- A smart contract on-chain will then process a BSC-based token (BNB) - the user shall receive the $CRAFT directly into their wallet.

- A BTC, credit card or fiat payment will then be processed by a third-party service merchant solution. Upon confirmation by the latter, the $CRAFT shall be released.

It is worth to note regarding the sale of NFTc, payment can be made in $CRAFT tokens.

4.5 SECURITY

SCALABS's marketplace relies on BSC's security because of its smart contracts' functioning. The only wallet that can affect the logic of our smart contract is one of our multisignatures based on Gnosis MultiSig and backed with three hardware wallets.

On our backend side, we managed to develop a database that caches the smart contract events to keep track of ownership. Our backend also stores temporary assets. On this side, its responsibility is therefore minimal.

As for the fiat payment hot wallet, we are designing a daily auto-refill to ensure that only a minimum number of tokens is present, minimizing the consequences of a breach.

05. SCALABS INDUSTRIAL PROCESS

The production and raw material processing machines will be primarily manufactured by 3D printing. A percentage of the machines used for the production will be allocated to necessary parts' production in order to build new printers and various post-processing machines. The production capacity will become exponential, drastically reducing all objects' production costs.

We will partner with different manufacturing industry leaders to ease our industrial process and ensure seamless activities. Some of them are top companies in the production and sale of 3D printing niche, while others focus on design, research, and production of products.

5.1 3D PRINT FACTORY

Companies in aerospace, automotive, defense, consumer goods and medical industries to name a few of them, are adopting digital manufacturing tools to take position on Industry 4.0.

3D printing is a catalyst for efficiency. From production engineers to machinists, 3D printing gives staff the tools to simplify these chains, improve production, and bring products to the market faster, at the same time saving significant money and time. Advancements in 3D printing have unlocked a broad spectrum of production applications.

Without needing to invest in expensive tools, we use 3D printing to manufacture a variety of complex designs, which do not require more time, energy, or material than producing simple parts. Automated 3D printing solutions can help scale personalized products for mass-market opportunities.

We have worked to obtain an efficient supply chain network that allows the proper functioning of SCALABS' logistics. Our supply chain is no longer limited to the managment of the network but ensures that each network is perfectly interconnected.

Our plan lies in how we handle mainstream 3D printing technologies by providing innovative models such as 3D printing an entire factory including the building, production machines, automators, and other tools. To set this plan up, we will proceed in a stepwise fashion, starting with an increase of our production capacity, thanks to our latest machines, capable of reproducing most of the parts that constitute themselves and mastering a large-scale chain of material production.
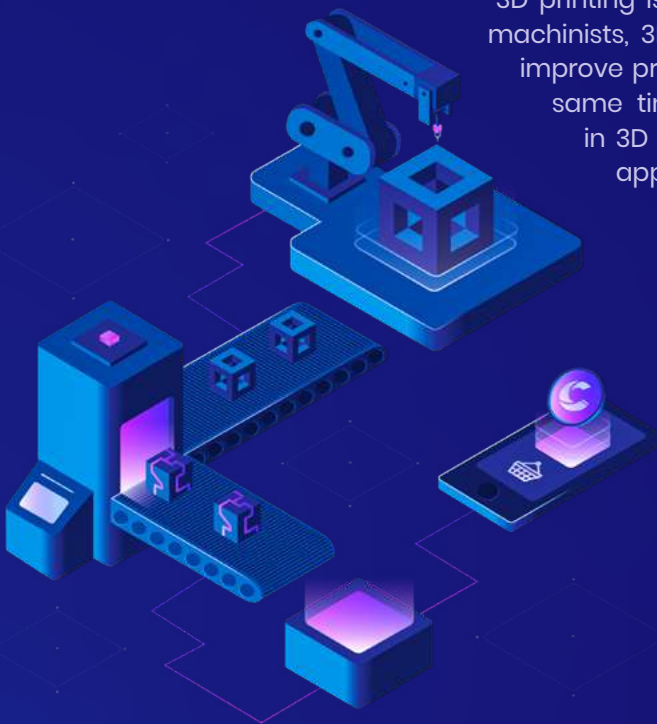
5.2 EXPERIENTIAL MARKETPLACE

Marketplaces are becoming essential for many reasons. One of them being the experiential aspect of these sales materials. Today's consumer is highly informed and wants a simple and convenient shopping experience, whether in-store, online, through a catalog, or even on mobile apps.

Web3, in its beginning stages, aims to create a decentralized internet with value, meaning, interoperability. It has also been discussed as the semantic web. It aims to introduce values from the physical world, such as rarity, uniqueness and ownership into the digital world. Thus, it intends to be a shared internet web where each contributor has control over their data, content, plus their monetization. This marketplace is intended to allow users to experience a real multilevel art gallery and fully immerse themselves in it. The different collections will be presented within what would be similar to an e-commerce website in virtual reality; thus, the products will be presented in 3D.

The social aspect of our interface is a key success factor : it allows anyone to create their digital gallery and allow other users to access it. This method gives users the possibility to review the object they want to own and thus offers a new generation of experience. It is now possible to own a real item while interacting with its dematerialized version. As soon as our ecosystem starts to strongly develop, we can confidently consider importing different items into Play-to-Earn partners' games or metaverses.

Another key success factor to build this ecosystem is growing an organic community of creators and customers invested in SCALABS's value proposition, which includes guaranteed customers' satisfaction. To ensure a progressive growth of the community and its model, we have identified key variables that will be measured and incentivized through marketing, promotional, and communication strategies to ensure ecosystem growth.

We strongly believe that the future of selling on the web is more interactive and less intrusive interfaces.

5.3 DESIGN TO EARN

We aim to update our catalog with high-value products regularly. This will ensure the quick development and growth of SCALABS.

We will introduce design competitions where community members can participate and propose new, innovative and creative items based on themes and specifications set out by us.

Once a dedicated team has sorted the entries to ensure their production reliability, community members will be able to vote for exclusive designer collections to be offered on our marketplace, which collections will be 3D printed. SCALABS will also select collections that will be offered on our platform in addition to the original NFTc collections. A percentage of sales proceeds will be given directly to the creator who participated in the challenge.

01	02	03	04
Sort through entries to ensure the viability of their production	Community vote for exclusive collections	Collections will be 3D printed and offered on our platform	A percentage of sales proceeds will be given to the creator

The objective behind this is to set up a global pool of knowledge and talent that can provide a strong capacity for innovation while having the tools to put their ideas into production.

06. SCALABS MARKETING STRATEGY

SCALABS embraces contemporary marketing methods through digital media to promote the platform, in addition to leveraging audiences and communities from partners and activations from the manufacturing industry. The project will also create an ambassador pool to help drive its adoption.

We will use the service of influencers with large follower bases on social media platforms. We will also employ SEO-based content marketing strategies through platforms like Medium, CoinTelegraph, and other media outlets.

SCALABS will also capitalize on our connections with PR agencies with proven track records of success and take advantage of their expertise and experience to market the platform. Our team also consider competitions and contests on our official channels to stimulate growth and to reward our loyal community.

Overall, we have a dedicated marketing department that will handle every aspect of our marketing and handle it professionally. The realistic Objectives and Key Results (OKR) framework will be outlined to define measurable goals and track their outcomes to help to monitor our results.

MARKETING STRATEGY

COMMUNITY OUTREACH

1. Engage with web3 communities to build brand awareness.
2. Offer to speak at industry events and conferences to share expertise.
3. Collaborate with other web3 companies on collab.
4. Create a customer support program to get the full potential out of our products.

INBOUND MARKETING OPPORTUNITIES

1. Create compelling content that addresses the unique challenges and opportunities of the web3 space.
2. Use targeted advertising and search engine optimization to reach potential customers who are actively looking for web3 solutions.
3. Offer free trials or shows of our product to give potential customers a taste of what we offer.
4. Create a referral program to incentivize current customers to spread the word about our product to their networks.

PHYSICAL & DIGITAL MARKETING

1. Attend industry events and conferences to network and showcase our products.
2. Partner with other web3 companies to cross-promote each other's products and reach a wider audience.
3. Use social media to connect with potential customers and build buzz around our product.
4. Invest in targeted online advertising to reach potential customers who may not be actively looking for web3 solutions.

CONTENT MARKETING

1. Develop a content marketing strategy that aligns with our overall marketing goals and targets the unique needs of web3 customers.
2. Create a variety of different types of content to appeal different audience segments.

07. SCALABS $TOKEN

As mentioned above, $CRAFT is the native token of SCALABS, a deflationary token regulated by burn strategy. We understand that the success of existing protocols depends on the attractiveness of their utility. In other words, $CRAFT is designed to serve as the entry point through which one can access SCALABS' products and services, and its use cases will be constantly expanded over time. Here are some of its functionalities :

Ecosystem governance :
$CRAFT token holders will be able to participate in the governance of the SCALABS platform and make important decisions about its feature development and content portfolio.

Community benefits :
$CRAFT tokens can be used to purchase items, upgrades, and brand placements discounts for their fiat price. Moreover, $CRAFT token holders will be able to participate in special events and will be granted early access to content and rare collectibles.

Create, sell, and buy in-experience items :
SCALABS's marketplace will enable users and content creators to mint unique NFTc based on their design and creation. Then, the resulting products can be bought and sold using $CRAFT tokens.

Partner royalties :
Content creators and product brands may receive $CRAFT tokens as part of user engagement within the SCALABS ecosystem through our transaction fee mechanisms on the leaderboard. We will also make revenue sharing generated from NFTc sales between creators and component suppliers to print the item possible. When necessary, we will ensure that balances can also be settled by burning $CRAFT and paying partners with Fiat currency.

Grant program :
A given percentage of SCALABS's revenue, Fiat purchases, smart contract royalties and so on will be used each month to purchase $CRAFT tokens from the open market and deposit them in the SCALABS treasury to fund the sustainable development of the ecosystem.

Micro Rewards :
Users can get rewarded from the reserve when performing specific actions on scalabs. com.

Burn :
A certain percentage of FIAT / $CRAFT revenues will be used to burn $CRAFT tokens, making it a deflationary token as soon as the resources of the structure allow it.

Stacking :
Token holder can stake their tokens for specific timeframes and get rewarded directly from the reserve.
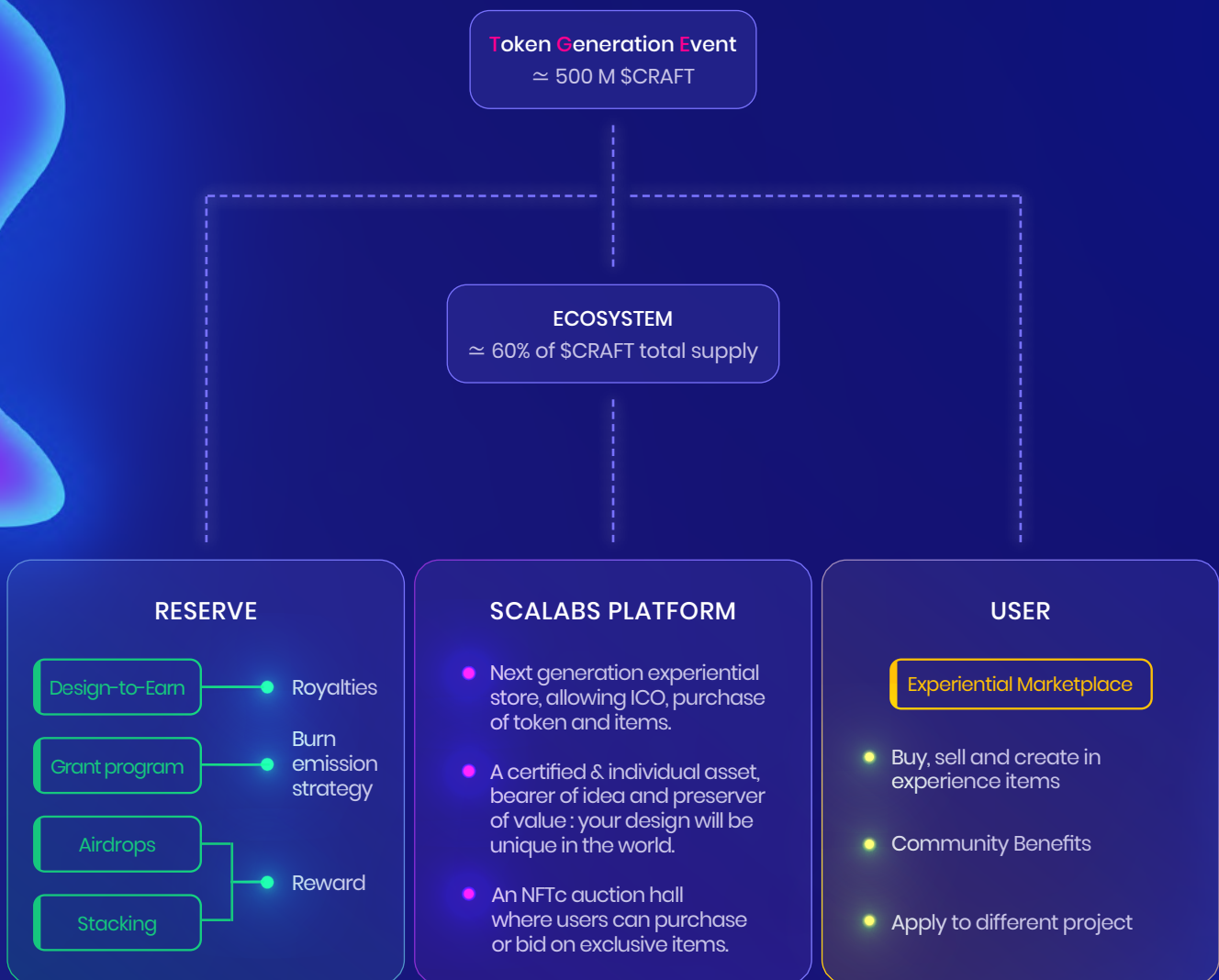
7.1 TOKENOMIC TIMELINE

We present this roadmap to achieve our final objectives, representing the completed and current key stages and future milestones.

Genesis distribution

1

2

Liquidity providing, exchange deposit NFT marketplace implementation

User swap assets on the marketplace and pay a fee

3

4

Stacking / design to earn Incentines / Reward program

7.2 TOKENOMIC MAPPING

Token Generation Event
≃ 500 M $CRAFT

ECOSYSTEM
≃ 60% of $CRAFT total supply

RESERVE

Design-to-Earn ──● Royalties

Grant program ──● Burn emission strategy

Airdrops

Stacking ──● Reward

SCALABS PLATFORM

● Next generation experiential store, allowing ICO, purchase of token and items.

● A certified & individual asset, bearer of idea and preserver of value : your design will be unique in the world.

● An NFTc auction hall where users can purchase or bid on exclusive items.

USER

Experiential Marketplace

● Buy, sell and create in experience items

● Community Benefits

● Apply to different project

7.3 DISTRIBUTION

OVERVIEW

Token Ticker	CRAFT
Token Supply	500,000,000
Hard Cap	$20,500,000
Soft Cap	$50,000

INITIAL MARKET INFORMATION

Initial Marketcap	$27,750,000
Initial Circulation	150,000,000
Initial Price	$0.185
Raised	$20,325,000

Token distribution

- 10.0% Security Reserve
- 4.0% Founders
- 16.0% Team
- 20.0% Partners
- 20.0% Utility Reserve
- 4.0% Private Sale
- 26.0% Public Sale
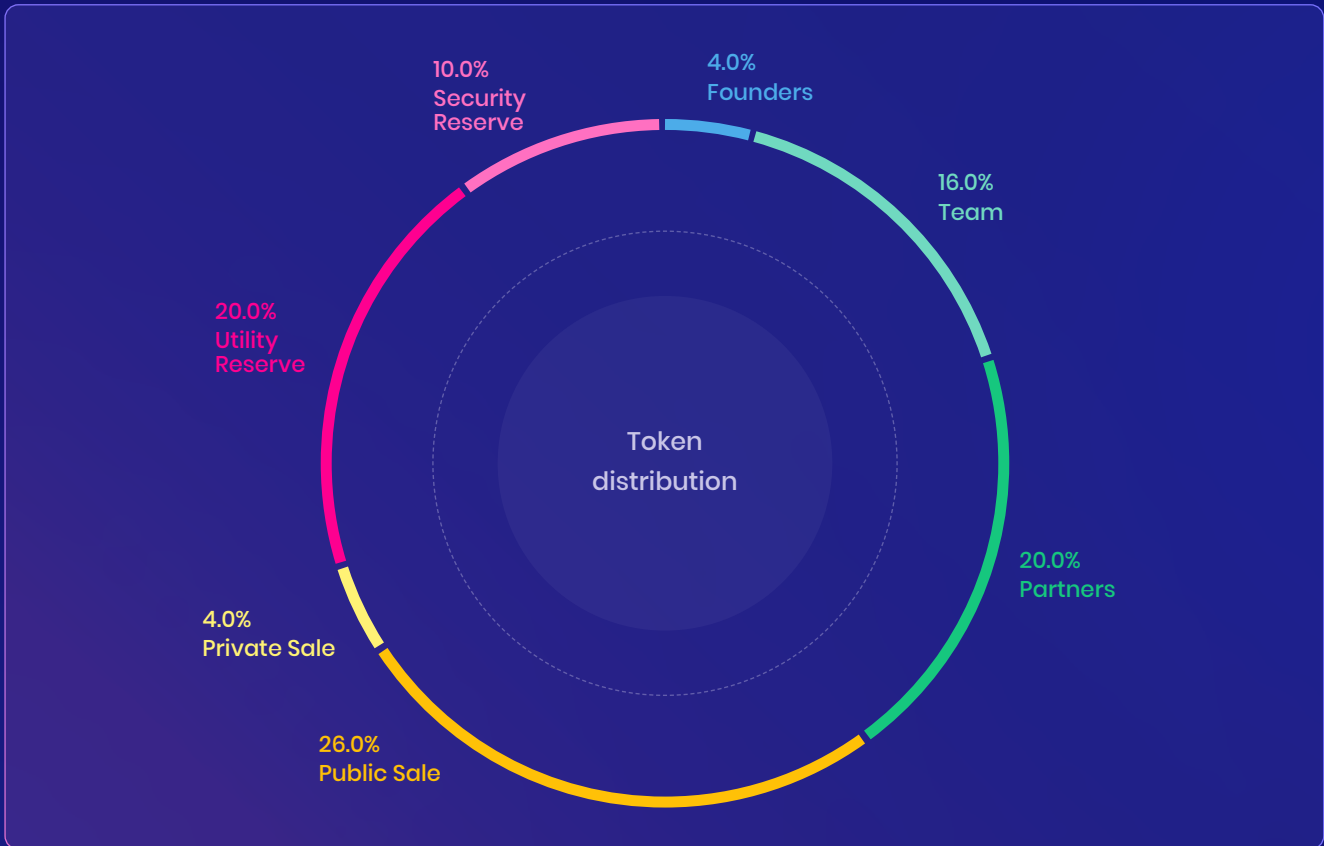
ALLOCATION SUMMARY

| Hubs		Details	% of the Supply
Insiders		Partners	20.00%
	40%	Team	20.00%
Initial Sale		Private Sale	4.00%
	30%	Public Sale	26.00%
Reserve		Utility	20.00%
	30%	Security	10.00%
Total			100.00%

TOKEN EMISSIONS : VESTING AND LOCKING SCHEDULE INPUTS

To ensure that a healthy and circular production and consumption procedure is implemented. This is our corporate culture. The lock periods and vesting schedules reflect long-term commitments and sustainable value creation for all partners involved in SCALABS' ecosystem. The vesting periods ensure aligned network economics and a close alignment with SCALABS' preliminary product launch schedule :

Category	Locked Period (Months)	Vesting Period (Months)	% Allocation	Total # of Tokens	% Unlocked at Genesis (TGE)	% of Tokens at Genesis	Tokens to be Released
Founders	12.0	108.0	4%	20,000,000	10%	2,000,000	18,000,000
Team	12.0	120.0	16%	80,000,000	6.25%	5,000,000	75,000,000
Partners	6.0	24.0	20%	100,000,000	5%	5,000,000	95,000,000
Public Sale	0.0	12.0	26%	130,000,000	25%	32,500,000	97,500,000
Private Sale	6.0	24.0	4%	20,000,000	10%	2,000,000	18,000,000
Utility Reserve	0.0	60.0	20%	100,000,000	10%	10,000,000	90,000,000
Security Reserve	0.0	0.0	10%	50,000,000	100%	50,000,000	–
Total			100%	500,000,000	27.06%	106,500,000	393,500,000

Cumulative Emissions Chart
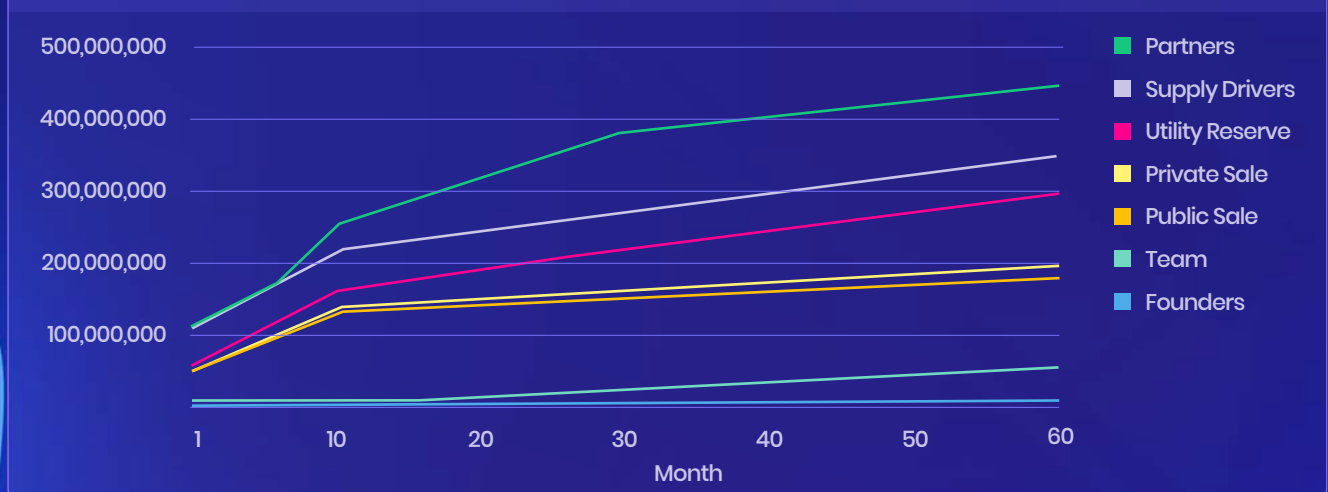
7.4 INITIAL COIN OFFERING (ICO)

The fundraising, based on the sale of 30% of the total supply of the $CRAFT token, breaks down as follows:

- In a Private Sale, SCALABS plans to issue and sell up to 20 million tokens (4% of the max supply) to strategic financial investors, particularly from industrial, media, tech, and blockchain/crypto industries.

- In a Public Sale, which is yet to be approved and scheduled, SCALABS plans to issue and sell an additional 130 million tokens (26%) to its fans, supporters, and believers.

SCALABS aims to raise approximatively USD 20,325,000 on all sales by allocating 30% of the total supply of $CRAFT. After deducting any applicable tax payments, setup costs, and fees, SCALABS envisions that the private and public sale funds will be used within 6-36 months after the Token Generation Event:

- About 60% of the funds will be invested in development and operations (content creation for the SCALABS'environment, team recruiting and development of a new production infrastructure.).

- About 25 % of the funds will be used for content-related marketing activities, including continuous promotion and education of the SCALABS service. It will be used for various activities such as ads, events, promotions, key partnerships to help SCALABS become popular and attract active users to the platform.

- About 15% of the funds will be held in reserve for legal and security audits or to cope with potential unexpected and administrative issues.

INITIAL SALE					
Details		Unit selling price	% of the Supply	Qt. of $CRAFT	Total raised in $
Stakeholders		$0.095	1.0%	5,000,000	$475,000
Private Sale		$0.055	4.0%	20,000,000	$1,100,000
Public Sale	Phase L	$0.095	3.0%	15,000,000	$1,425,000
	Phase A	$0.125	5.0%	25,000,000	$3,125,000
	Phase B	$0.155	7.0%	35,000 000	$5,425,000
	Phase S	$0.185	10.0%	50,000 000	$9,250,000
TOTAL			30.0%	150,000,000	$20,325,000

08. ROADMAP

We present this roadmap to show you how we plan on achieving our objectives. Here is a representation of the completed and current key stages and future milestones.

Phase L

Concept Set Up
2018 - 2021

Achieved

Genesis of the Concept
and
Main Goals
2018

2019

Proof of Concept
and
Research & Development

Ecosystem Design
and
Business Model
2020

2021

Phase A

Public Launch
2021 - 2024

In progress

Core Team Building
and
Tokenomics
2021

2022

Compliance
and
Go to Market Strategy

Community Building
and
Key Partnership
2023

2024

Phase B

Growth
2024 - 2027

Coming soon

Web App Released
and
Token Sales
2024

2025

Design-to-Earn
and
Immersive Marketplace

Product Line Development
and
3D Printed Architecture
2026

2027

Phase S

Expansion
Best is to Come

To be announced

Pending
...

09. TEAM MEMBERS

Our team members have the expertise to carry out our vision!

We believe people can excel and pursue innovation to create a fairer world. SCALABS is a team of high achievers who focus on efficiency, mutual aid and surpassing themselves. Our team members have complementary skills and high-level profiles within different disciplines :

| Blockchain | Web3 & NFT | 3D Printing | Prototyping | Industrial Manufacturing |

9.1 CORE TEAM :

Wahab Oukouchih
Technical Execution

| Operational Management | Mechatronics |
| Development | Industrialization |

With a degree in mechatronics, I have been an R&D project manager and manufacturing manager for 6 years, also president of an association that has been organizing cultural events for 4 years.

Alexandre Girotto
CEO

| Additive Manufacturing | Digital Assets |
| Design | Web3 | Prototyping |

Founder and CEO of SCALABS, a 3D printed company enhanced by the Blockchain Ecosystem. Special interest in prototyping, web3 and entrepreneurship. Previously industrial and professional equipment designer. Master degree in marketing.

Anthony Tordjman
Business Visionary

| Strategy Marketing | Business Developer |
| Communication | Partnership |

With 4 years of experience in business development and marketing strategy for international companies, with large clients. Passionate and involved on web3 and NFT. Double Master Degrees in Business.

Investment done
250 000 €

- 28.0%
- 20.0%
- 34.0%
- 18.0%

- ■ **R&D** : 85 000 €
- ■ **Stakeholders** : 70 000 €
- ■ **Legal and compliance** : 50 000 €
- ■ **Manufacturing** : 45 000 €

TO BE ANNOUNCED...

10. OUTLOOK

SCALABS' output is based on innovative thinking that sits at the nexus of a range of cutting-edge technologies. Our ecosystem can allow users to print any NFTc they care about and ensure this market is no longer solely digital and speculative. Moreover, technological developments may allow NFTc collections to be transported to different metaverse platforms, thus they allow users to interact with blockchain using the digital side of their physical object.

Metaverses and NFT marketplaces will undergo deep changes, potentially increasing their worth by the next decade.

Furthermore, 3D printing is destined to evolve and become widespreaded due to its flexibility and adaptability. We aim to launch a sector dedicated to the 3D printing of buildings, which will represent a major strategic axis and ensure the development of our entire ecosystem.

3D printing is not just an otherwise complex set of technologies. It opens numerous ways to experience industrial, economic, scientific, social, and societal improvements.

These markets are expected to take off as long as the blockchain/cryptocurrency market continues to expand. Combining digital and physical aspects within a single ecosystem will open up an opportunity for major players and define a new era of entertainment but also establish a new kind of production chain.

11. DISCLAIMER

CONTENT AND PURPOSE OF THE WHITEPAPER

This whitepaper does not in any way constitute a prospectus, an offer to sell, an invitation to subscribe, or a solicitation to invest in financial securities. It aims to present the project attached to the SCALABS exchange platform, the services offered, and the advantages granted by the subscription of CRAFT tokens.

The management and professionals of the SCALABS platform work for the operation's success and development but remain subject to the inherent vagaries of the sector. As a result, this whitepaper is in no way a guarantee of the economic and structural model put in place or the launch of operations, among which is planned the opening and commissioning of the SCALABS' platform.

FINANCIAL AND TECHNICAL RISKS ASSOCIATED WITH DIGITAL TOKENS INVESTMENT

This token offer does not fall within the scope of the optional visa procedure described in Article L. 552-4 of the Monetary and Financial Code. SCALABS is not a financial intermediary within the meaning of Article L. 546-1 of the Monetary and Financial Code, nor a provider of services on digital assets within the meaning of Article L. 54-10-2 of the Monetary and Financial Code.

Investment in a token offering, as defined in Article L. 552-3 of the Monetary and Financial Code, involves risks of partial or total loss of the investment. No guarantee is given to the subscriber as to the liquidity of the tokens acquired during the offer, the existence of a secondary market for these tokens, the value of the tokens acquired during the offer, and the equivalent of these tokens in currency.

CRAFT tokens operate in an independent, decentralized, and unregulated market. Unlike traditional financial assets, digital tokens are not tracked by a central bank and therefore, cannot be subject to corrective measures to protect their value. Digital token markets depend solely on supply and demand.

The subscription and custody of CRAFT tokens depend on the system and network of the blockchain. The SCALABS platform is not a guarantee of the proper functioning of this system and, therefore, has no obligation of protection or guarantee in the event of systemic failure or in the event of an error, fault, violation, or omission of the subscriber that would result in the loss of the subscribed tokens.

The terms of subscription of tokens and operation of the SCALABS platform may evolve according to the political, social, economic, financial, competitive, legal, and regulatory conditions of the crypto asset sector in which it is located. A change can also be caused in the event of changes in the commercial strategy, the availability of professionals, and more generally, due to any endogenous or exogenous factor.

In this context, this token offer is not intended for novice users. Still, it is reserved for users with knowledge and skills in the field, which translates into sufficient experience and expertise to determine the costs and benefits of investing in digital tokens. Consequently, the subscriber must be able to decide on the advisability of the subscription based on his exposure and risk aversion.

This whitepaper is not intended to substitute the buyer in the knowledge that is expected to proceed with the subscription of CRAFT tokens.

It does not provide general information regarding blockchain and digital tokens' functionalities and applicable legislation.

It does not provide any information, indication, or recommendation, particularly on a guarantee of project success and/or profitability, which encourages the user to subscribe to the offer of Chips.

The legislation, regulatory framework, and tax regulations applicable to the holding of digital tokens and non-fungible tokens remain embryonic and, as such, particularly evolving. It is up to the subscriber to inform himself according to his personal situation, if necessary, by asking a professional competent in the matter before proceeding or re-enouncing at subscription.

By continuing the subscription operation, the buyer understands, expressly declares to SCALABS that he is fully aware of the risks attached to the mechanism related to the use of the blockchain, crypto assets, and investment in tokens, and declares to accept them without reservation after reading this whitepaper.

In no event shall SCALABS shall not be liable for any loss of invested value, loss of tokens, hacking, or a situation resulting in the buyer being unable to access the CRAFT tokens resulting from his actions and/or omissions in any case.

RIGHTS CONFERRED BY THE CRAFT TOKEN

The CRAFT token created for the operation of the SCALABS platform is a digital token that falls under Article L. 552-2 of the Monetary and Financial Code and the technical subcategory of the «utility token.» It does not confer on its subscriber any financial rights.

Purchasing CRAFT tokens allows the subscriber to access the platform for exchanging non-fungible tokens (NFT) accessible on SCALABS. No other rights or uses are conferred on the user.

The purchase of CRAFT tokens does not materialize a financial investment contract concluded between the issuing company and the subscriber: in no case will the latter be entitled to avail himself of a financial right, such as the payment of a dividend, interest, or any other remuneration in return for the investment made, or a «political» right of access, information and/or participation in the governance of the issuing company.

Consequently, the CRAFT token may not be used on other platforms, particularly for speculative purposes.

DECLARATIONS OF THE SUBSCRIBER

By proceeding with the subscription, the subscriber declares and guarantees to SCALABS:

To have the legal and financial capacity to subscribe to the CRAFT token offer;

- Not to use this subscription for purposes contrary to the applicable legislation on the fight against money laundering and the financing of terrorism, and more generally, for purposes contrary to the legislation in force;

- Not be a novice user and have sufficient skills to evaluate the advisability of the subscription after studying the project, risk analysis, and reading the whitepaper;

- Be aware that SCALABS does not guarantee the success of the proposed transaction;

- Subscribe to purchasing CRAFT tokens only to access the SCALABS platform, excluding any external use, particularly for speculative purposes.

SCALABS

A 3D PRINTED COMPANY

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