ELAMACHAIN WHITE PAPER

ELAMACHAIN'S WHITEPAPER
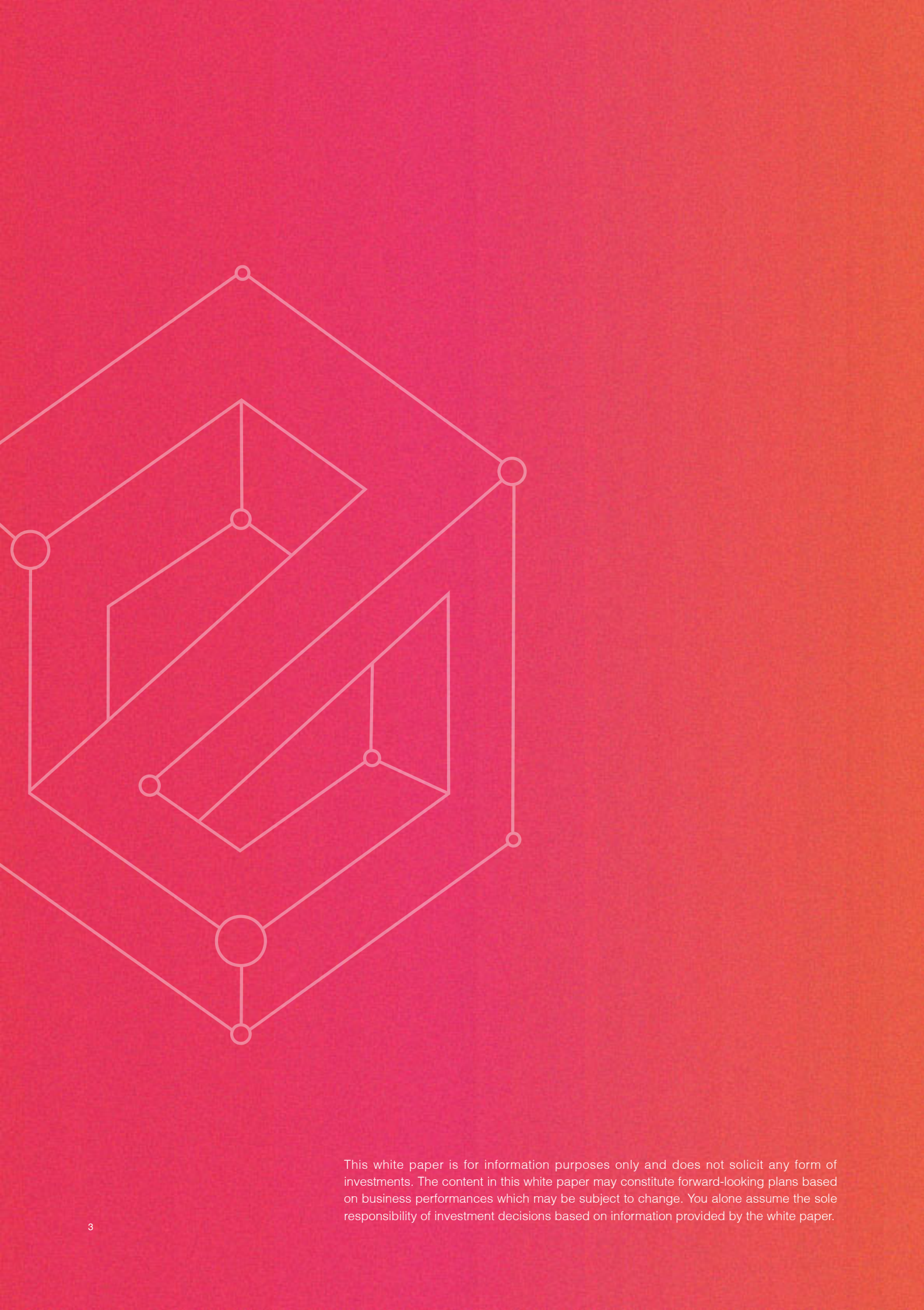
Introduction

"The birth and everything of the new cosmetics that all new humanity of the metaverse will have"

Elamachain is a virtual beauty platform that allows users to produce virtual cosmetics directly and issue a non-fungible token (NFT) and convert them into assets to be traded. Applications related to these virtual cosmetic assets include Ticker, an all-round online beauty life app. The ticker is published by Tachyon B&T, the leading partner of Elamachain and is available both in Android and iOS app stores. Just within a month and a half after its release, it ranked 1st place in Google Play store for eight straight weeks with 500,000 downloads. Ticker is the world's first all-round beauty platform that allows anyone to experience luxury cosmetics and virtual plastic surgeries using an AR-based beauty camera that allows AR beauty video calls. Elamachain is leveraging a strategic partnership with Tachyon B&T to revitalize the global cosmetic market that took a heavy toll from COVID-19 Via a new genre that merges digital cosmetics and NFTs.

Disclaimer

A. ELAMACHAIN Foundation (hereinafter referred to as "Foundation") shall in no event nor for any reasons whatsoever be liable, even if the Foundation has been advised of the possibility of such damages, losses or expenses, for any damages, losses or expenses including direct, indirect, special or consequential damage, or economic loss, arising from or in connection with:

(i) any exchange in markets where ELAMA (hereinafter referred to as "Token") is listed, not listed or any other exchange of coins;
(ii) any system, server or connection failure, error, omission, interruption, delay in transmission, computer virus or other malicious, destructive or corrupting code, agent program or macros; or
(iii) any images, services, products, information, data or other materials made available by the Foundation.

B. Without prejudice to the generality of the foregoing, you will not hold the Foundation or its related corporations and their officers, employees or agents responsible or liable, in contract, tort (including negligence or breach of statutory duty), equity or otherwise, for any damages, losses, expenses or costs (whether direct or indirect, or whether foreseeable or not) suffered or incurred by you arising out of or in connection with

(i) the purchase or your use of the Token or other third parties;
(ii) the Elamachain or your use thereof or any third-party uses of the Elamachain

C. By purchasing, holding and using the Token, purchasers, holders or users of the Token expressly acknowledge and assume the risks below. If any of these risks, or other additional risks presently regarded to be immaterial materialize, the commercial viability of the Elamachain may be materially and adversely affected and could result in the failure of the Token Sale, the destruction of the Token and/or the termination of the development or operation of the Elamachain. The Foundation is not liable to the risks that they take by purchasing, holding or using the Token. Details of each risk are explained in the Terms & Conditions of the Token.

1. The risk associated with the development and operation of the Elamachain
2. Risks arising from no governance right
3. Risk of failure, abandonment or delay of the Elamachain
4. Risks associated with the ETH blockchain
5. Regulatory risks
6. Risks associated with other applications
7. Risk of loss of private key
8. Risk of Hacking and security vulnerabilities
9. Risks associated with taxation
10. Risks associated with the volatility of cryptocurrency
11. Technology risks.

Table of Contents

1. Elamachain Platform

1.1 A new beauty cosmetics ecosystem without factories

a. Virtual Beauty Life Platform (Connected Service)

Ticker is a new concept of life platform specialized in beauty powered by Augmented Reality (AR) technology that allows the virtual experience of beauty cosmetics through its AR beauty camera that provides the world's first AR-based beauty camera during video calls of multiple users, which allows users to enjoy various makeups online.
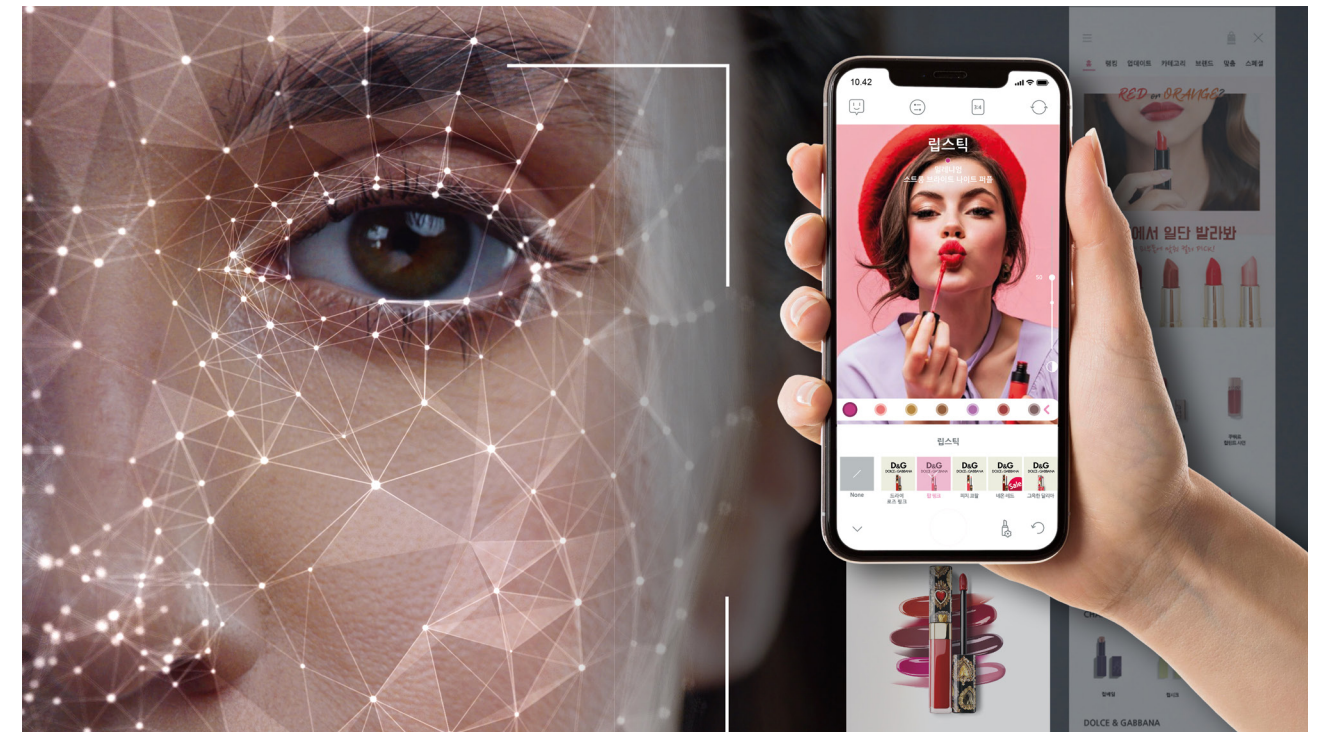
Powered by Open Computer Vision (CV), Ticker leverages an advanced AR beauty engine based on AI machine learning technology. The AR beauty engine recognizes whether or not the face on the camera is a human or an animal and if it is a man or a woman based on a pre-set library using AI learning machine. It also evenly spreads dots to start the trace to recognize 120 unique points as markers using smartphone cameras and multi-channel gyro-sensors embedded in smartphones. It tracks down the very details of the user's face with a high speed of 60 fps, which enables the High Performed-Face Morphing, a 'technology to merge virtual cosmetics to be applied on the user's face.' By merging further with AR beauty engine, video codec technology and real-time video call technology, it developed Tachyon Streaming Engine (TSE), the world's first AR beauty streaming engine and built TSE's own server infrastructure.

AR Beauty Engine → Virtual Cosmetics → Tachyon Streaming Engine → TSE-only Server Infrastructure
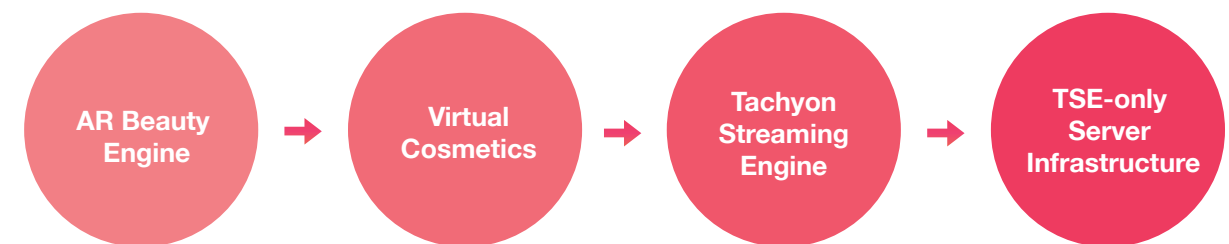
b. Virtual Cosmetics Maker (Producer/NFT Issued)

Virtual Cosmetics Maker supports detailed and specific modeling of cosmetic contents that the user wishes to . The user can freely use various features such as the absolute value of RGB, texture (matt, silky, glossy), shape, gradation and pattern.

The user's modeling results can be issued as NFT via Elamachain's NFT issue feature. At the same time, it'll undergo a copyright approval process to be recognized as the final NFT.
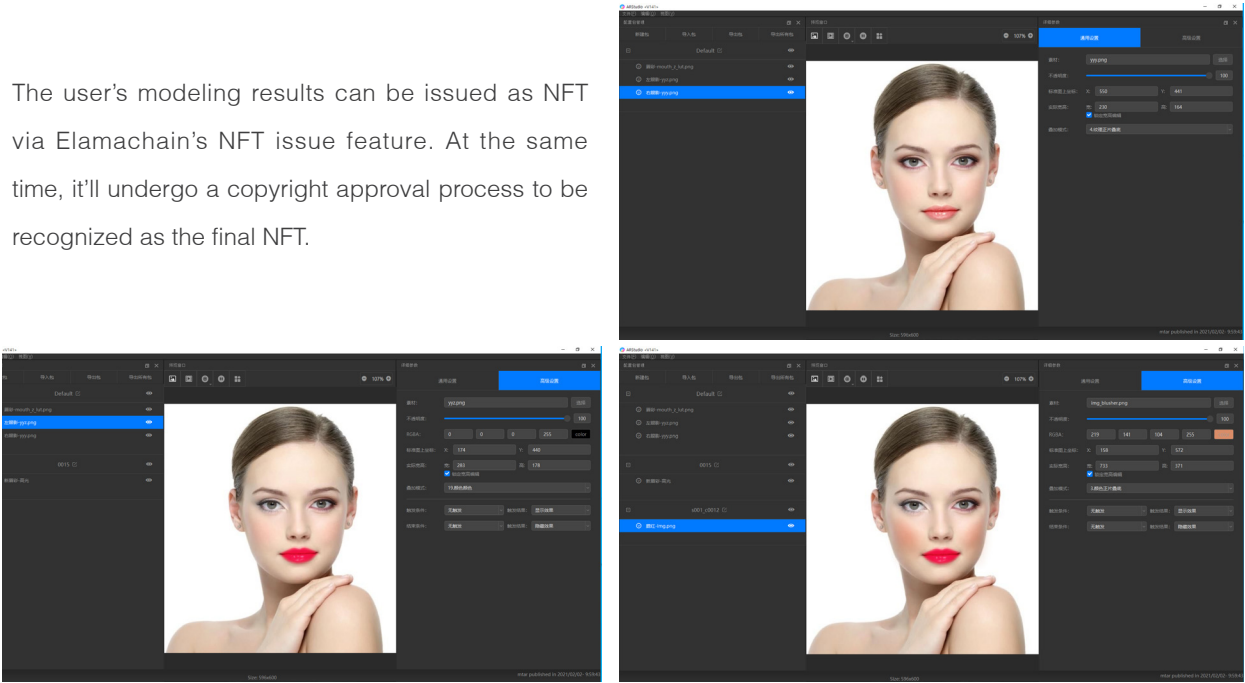
The copyright approval process will be a hurdle to prevent the user from infringing other company's copyrights for the names of their NFT cosmetics.

Color

Texture

Transparency

Pattern

Shape

Gradation

Virtual Cosmetics Manufacturing

NFT Issued

Copyright Approval Process

NFT Issue Complete
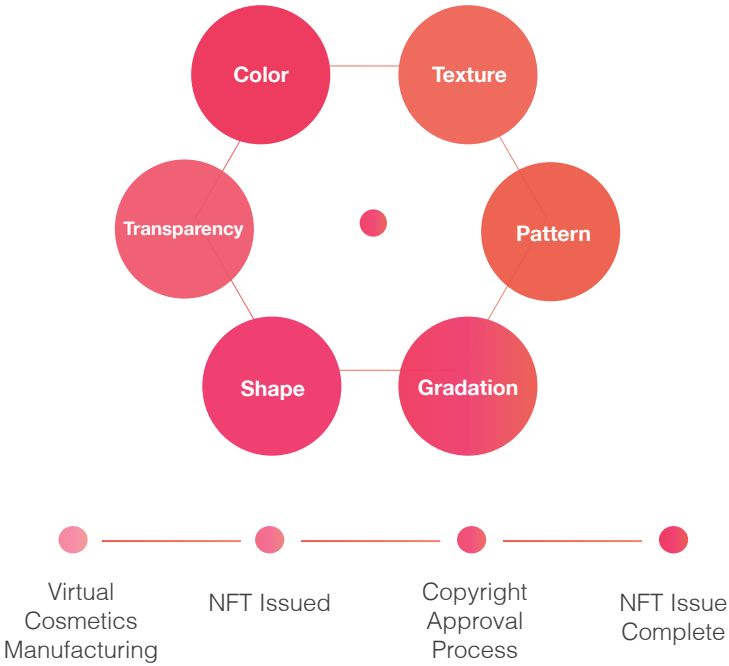
c. Virtual Cosmetics Market (Ownership/Licenses)
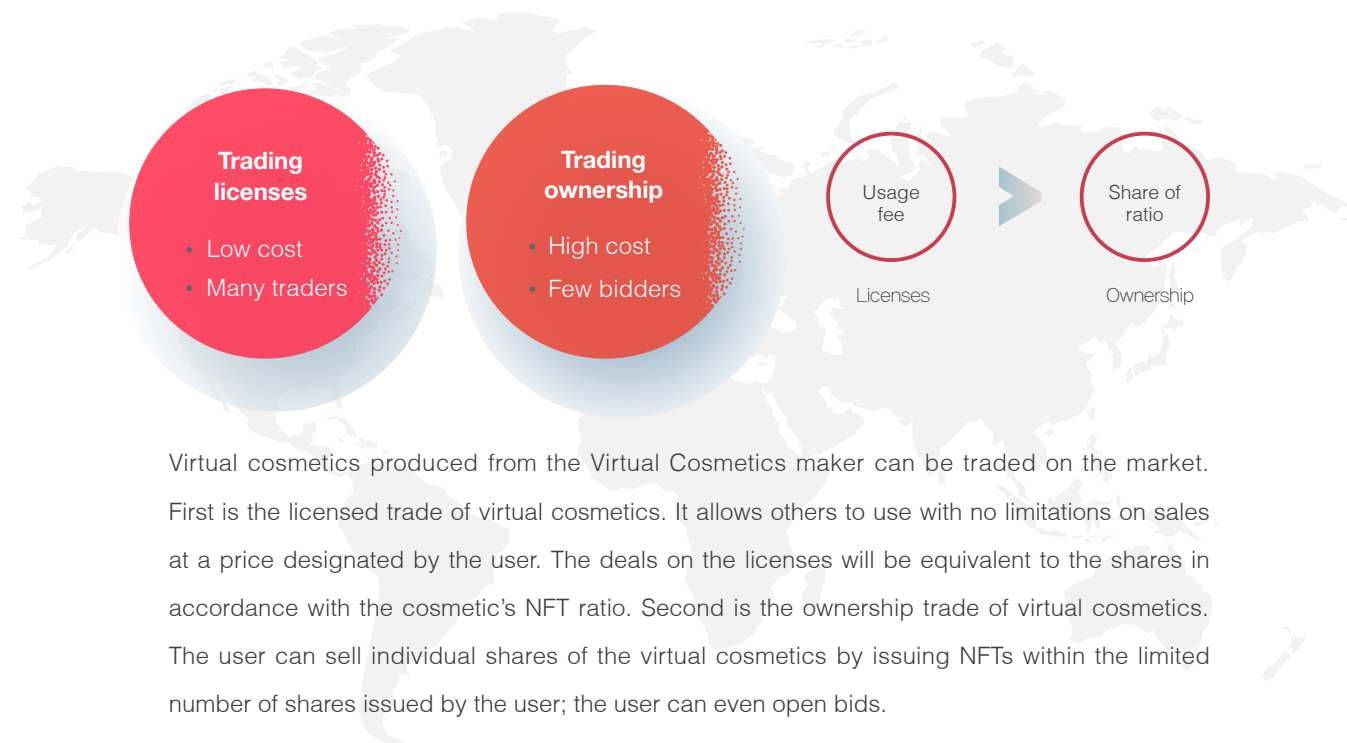
Virtual cosmetics produced from the Virtual Cosmetics maker can be traded on the market. First is the licensed trade of virtual cosmetics. It allows others to use with no limitations on sales at a price designated by the user. The deals on the licenses will be equivalent to the shares in accordance with the cosmetic's NFT ratio. Second is the ownership trade of virtual cosmetics. The user can sell individual shares of the virtual cosmetics by issuing NFTs within the limited number of shares issued by the user; the user can even open bids.
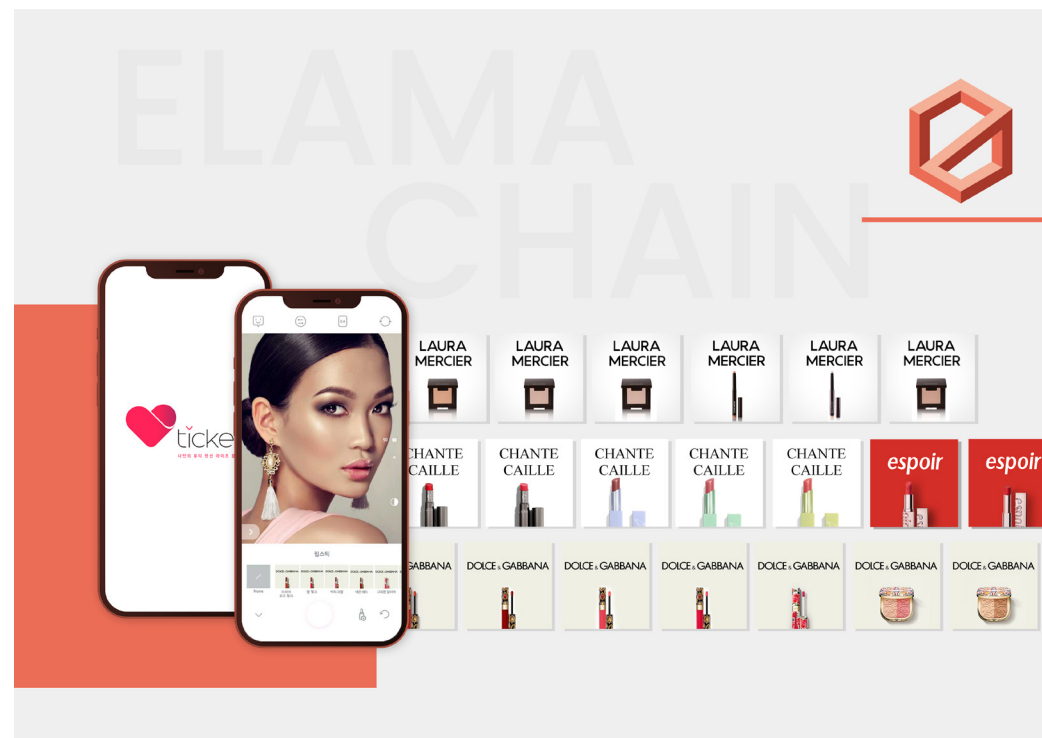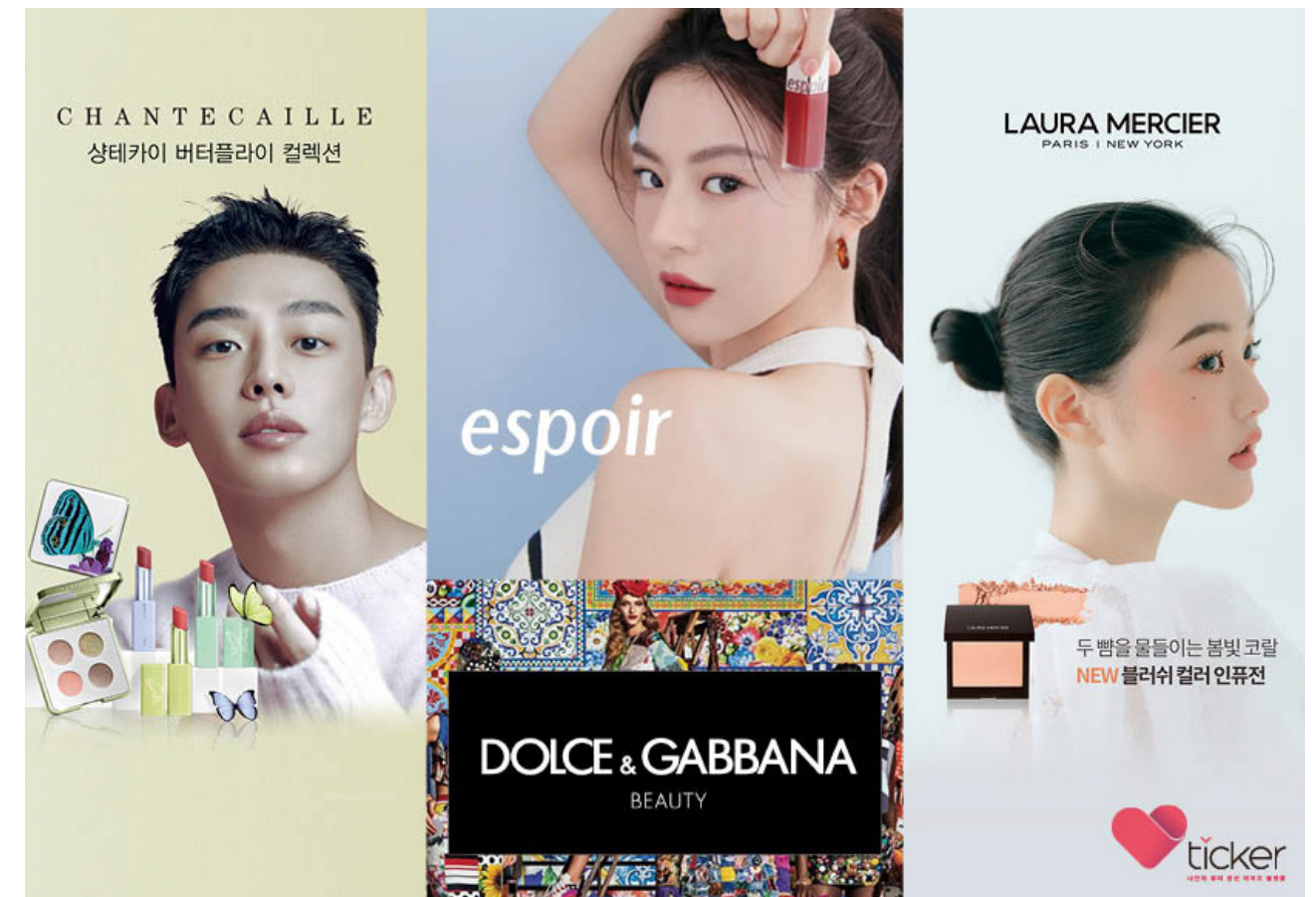

The table above is an example of virtual cosmetics content on Ticker app. It will be applied to the virtual cosmetics market on the ELAMACHAIN platform and is designed to show the future plan where the virtual content users will be able to trade via ELAMA.

d. Global Brands: Design General Products and Special Products

Ticker already has many global cosmetic partners where users can experience various cosmetic content of numerous luxury brands. In addition, content for limited edition cosmetics designed for each season or event are traded at a higher rank due to its scarcity.

e. Own Brands: Design General Products and Special Products

By launching online special cosmetic brands, cosmetics of rare colors, patterns and designs will be released every week. It will allow various fusions by collaborating with other brands across different industries beyond art or beauty companies.

1.2 A blockchain-based virtual cosmetics

a. ERC-721/ERC-1155

ERC20

ERC721

ERC1155
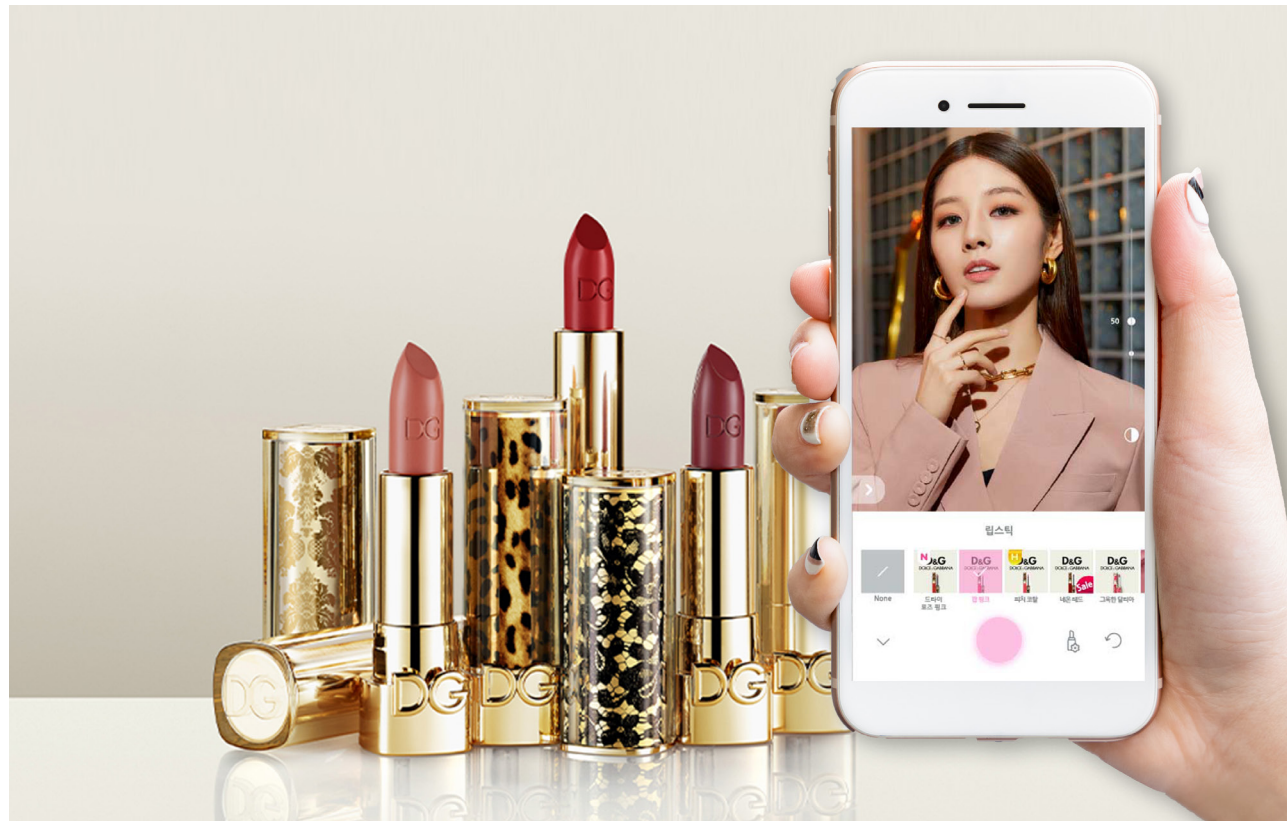
The Ethereum network is the most popular blockchain network in the blockchain industry. Thanks to its popularity, countless developers have debugged and undergone troubleshooting the Ethereum network for many years; as a result, it has emerged as the most advanced blockchain network. Its blockchain network stability, optimization, advanced technology, scalability, and troubleshooting were all enough for us to choose the Ethereum network.

Amid many Ethereum algorithms, we chose ERC-721 and ERC -1155, known for their irreplaceable characteristics. ERC-721 is now accepted as the standard of NFT, and many services (i.e., Cryptokitties and OpenSea) have chosen this irreplaceable characteristic to be applied in virtual assets. For compatibility with other platforms, Elamachain supports the ERC-721-based features (issue and trade). The ERC-1155 realized by Enjin allows mixed trade with ERC-20 and ERC-721 and also supports multi-transmission. It means that as the newest standard for NFT, ERC-1155 resolved the downsides of ERC-721, namely high transaction inefficiency and high gas cost, to allow large virtual content to be stored in a database, just like this platform.

Users will be able to choose the virtual cosmetics and issue tokens via ERC-721 or ERC-1155 through the Virtual Cosmetics Maker. The names of these virtual cosmetics will be able to become assets to be traded only when it undergoes the copyright approval process that examines if the names trespass other existing cosmetic licenses.

b. Licenses Trade

it is usually traded based on a fixed sales price. It does not pose a limit to the number of sales. There is a limit to the highest price; the buyers can only use the product. For example, it is similar to purchasing a set of emoticons for chat apps or buying clothes for an avatar.

c.Ownership Trade

the shares of virtual cosmetics with high returns are traded via bidding. The owner can limit the number of sales and period that aligns with the number of tokens issued for NFT. There is no limit to the highest price, but the seller can set a bidding price before sales. The seller can receive the return arising from the sales of ownership on the platform.
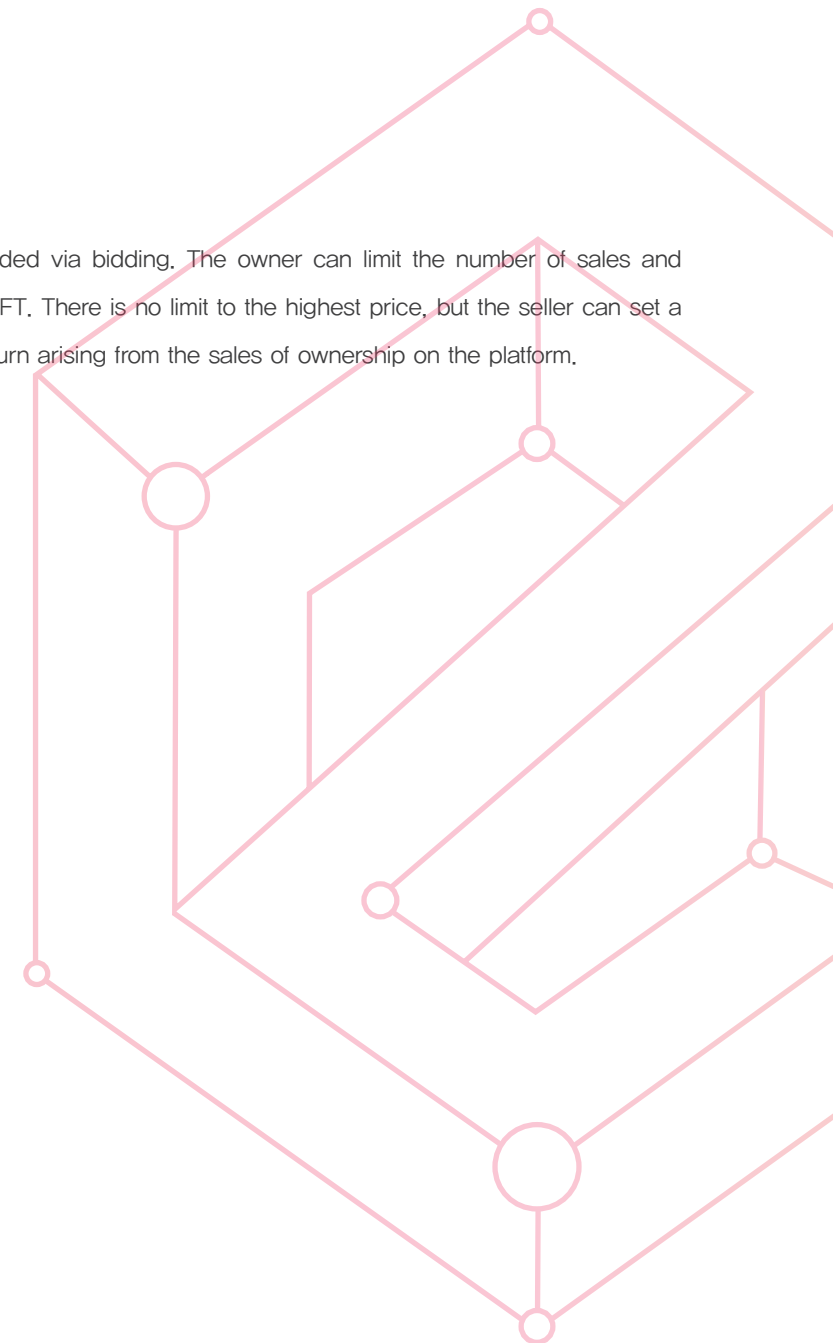
2. ELAMA

2.1 ELAMA Overview

a. Origin of ELAMA

*M.C Escher：(Waterfall，1961)

ELAMA means "life" in Finnish. It reflects how different worldviews such as the real world, virtual world, and metaverse are indistinguishable and are just one life. We have dreamed of creating a service that produces and trades the largest volume of cosmetics in the world without factories.

The symbol of ELAMA was inspired by Maurits Cornelis Escher's works. Maurits Cornelis Escher (1898-1972) is one of the world's most famous graphic artists known for his unique line of works that focuses on the "Strange Loop," which describes the transcendence beyond different worlds or the destruction of three worlds.

---

b. Token Issue and Audit

Token Issue and Burning

ELAMA is based on the smart contract of ERC-20. At first, a total of 10 billion tokens were issued, but 9 billion were burned for scarcity value. Currently, there's a total of 1 billion tokens.

Legal Audit

BWB Attorney in Switzerland conducted a legal review on March 2020 and it concluded that ELAMA has no issues to be traded as utility tokens.

Elamachain Foundation Ltd.
10 Anson Road
23-14E International Plaza
Singapore 079903

Vaduz, 12th March 2020 RW/MBü/wf

ELA Coin (ELAMA)

Dear Madam or Sir

You have asked for our legal advice with respect to the question whether the Elamachain (ELA Coin; ELAMA) (hereafter the "TOKEN") qualifies as a financial instrument pursuant to the Liechtenstein Banking Act dated 21st October 1992 (hereafter "BA") resp. the Directive 2014/65/EU of 14th May 2014 (hereafter "MiFID II"), or as electronic money pursuant to the Liechtenstein E-Money Act dated 17th March 2011 (hereafter "EMA") resp. the Directive 2009/110/EC of 16th September 2009 (hereafter "E-Money Directive").

1. Documents

For the purpose of this Legal Opinion we have examined the Whitepaper V1.52 (hereafter "WHITEPAPER") of Elamachain Foundation Ltd. (hereafter the "ISSUER"). The WHITEPAPER is duly annexed to this Legal Opinion and marked as Appendix I. Furthermore, we have examined the TOKENS Purchase & Sale Agreement (hereafter "PSA") and the ELA Coin Smart Contract Audit Report (hereafter "REPORT") as duly annexed to this Legal Opinion and marked as Appendix II and III.

funds, which can be used for payment purposes as third persons accept it as a payment. Moreover, recital (8) requests a clear definition of E-Money in order to make it technically neutral to avoid hampering technological innovation and to cover not only all the E-Money products available today in the market but also those products, which could be developed in the future.[53] Hence, electronically (and magnetically) storage shall be interpreted in a widely sense.

5.3.2. Monetary value

Pursuant to recitals (5) and (6) of the E-Money Directive, it should not apply to monetary value stored on specific pre-paid instruments, that can be used only in a limited way. Moreover, the E-Money Directive should not apply to monetary value that is used to purchase digital goods or services, where, by virtue of the nature of the good or service, the operator adds intrinsic value to it (e.g. in the form of access, search or distribution facilities). Further, according to the opinion of the European Economic and Social Committee on the proposed E-Money Directive, E-Money should constitute an electronic substitute for cash used in business-to-consumer transactions. Consequently, E-Money shall only have a payment function. E-Money shows the amount of the claim value to which the customer is entitled against the issuer and is therefore simply proof of the existence of a claim against the issuer.[54]

For this reason, we are of the opinion that monetary value is to be understood as a means of exchange and storage of value, hence, as money in the traditional sense. Therefore, E-Money defines as a digital alternative to cash, which allows its users to pay cashless with money stored over the internet.

5.3.3. Claim on the issuer

Further, art. 3 (1) (b) EMA requires that E-Money represents a monetary claim on the issuer. Neither the EMA, nor the E-Money Directive further describes this legal definition or the terms and conditions on which this claim exists. However, recital (18) of E-Money Directive requires that E-Money needs to be redeemable to preserve the confidence of its holder. In this context, the redemption should be possible at any

[53] cf. European Banking Authority (EBA) Report with advice for the European Commission on crypto-assets, 09 January 2019, p. 13.
[54] GERHARTINGER, Die Zivilrechtliche Beurteilung von E-Geld, in: VONKILCH (Hrsg.), E-Geldgesetz 2010, p. 11, 28.

As mentioned, we cannot conclusively assess if the FMA would qualify the TOKEN as a means of payment. Moreover, we cannot state if third parties accept the TOKEN as means of payment in the sense of the E-Money Directive.

Irrespective of these uncertainties, we are, however, of the opinion that the TOKEN does not qualify as E-Money since not all requirements according to art. 3 (1) (b) EMA resp. art. 2 (2) E-Money Directive are fulfilled.

Excursus: PSD2

The PSD2[60] applies in principle to all payment services provided within the European Union. Crypto-assets are not banknotes, coins or scriptural money. For this reason, crypto-assets do not fall within the definition of funds set out in art. 4 (25) of the PSD2 unless they qualify as E-Money for the purposes of the E-Money Directive. Should a firm propose to carry out, using distributed ledger technology (DLT), a payment service as listed in Annex I to the PSD2 (such as the execution of payment transactions, including issuing payment instruments and/or acquiring payment transactions and money remittance) with a crypto-asset that qualifies as E-Money such activity would fall within the scope of the PSD2 by virtue of being funds.[61]

The topic "E-Money" has already been discussed in the previous chapter and has been negated there. PSD2 is therefore not applicable and there is no need for further examination.

6. Conclusion

Based on the information provided, we are of the opinion that the TOKEN does neither qualify as a financial instrument pursuant to the BA and the MiFID II respectively, nor as E-Money pursuant to the EMA and the E-Money Directive respectively.

[60] Directive (EU) 2015/2366 on payment services in the international market.
[61] European Banking Authority (EBA) Report with advice for the European Commission on crypto-assets, 09 January 2019, p. 13.2019, p. 14.

7. Reservations

This advice is addressed to the above mentioned addressee and its advisers and may not be relied upon by any other person without our prior written consent. This opinion may be disclosed to the addressee's affiliates without our consent, but the affiliates are not permitted to rely on this advice.

We are based in Liechtenstein and do not purport to be expert on the laws of any other jurisdiction and we therefore express no opinion as to the laws of any jurisdiction other than Liechtenstein law. This advice is based upon the laws of Liechtenstein in effect at the date hereof and known to us. Therefore, you are advised that the opinion expressed in this Legal Opinion shall not cover any future changes, amendments and any additional supplementary legislation that may be enacted.

Our liability for any loss, damage or costs suffered or incurred, directly or indirectly in connection with our services shall be limited to CHF 100'000.00 and shall be limited to gross negligence or intent.

We hope this Legal Opinion is of assistance. In case of any questions, please do not hesitate to contact us.

Yours faithfully

Dr. Ralph Wanger   Matthias Bühler

Attachments:
- Whitepaper V1.54 (Appendix I)
- Purchase & Sale Agreement (Appendix II)
- ELA Coin Smart Contract Audit Report (Appendix III)

Technological Audit

Celtic Lab conducted an audit on the Foundation's smart contract. It concluded that ELAMA's codes are very organized, with no issues found for the perpetual transaction and trades on the exchange.

Celtic lab

ELA COIN SMART CONTRACT AUDIT REPORT

Elamachain has built, over time, development basis, business connections, and supporting community to fulfill that goal. ELAMACHAIN platform would be a spearhead of devloping open-source AI in Hyperledger project for all individuals and business to freely share and enjoy the ideas and fruits of the project.

For more information, visit website

About ELAMA Token

ElamaChain platform will be powered with ELA Coin

ELA Coin is ERC-20 compatible token

The amount of ELA Coin tokens is limited to 10,000,000,000

Tokens that are left in the sale will be burned

```
Token Name    : ELA Coin
Token Symbol  : ELAMA
Token Decimals : 18
Total Supply  : 10,000,000,000
```

Performed Tests

Performed the following tests on the given smart contract

➢Crowdsale is properly initialized with given parameters in the code

➢Tested onlyOwner modifier requirement

➢freeze and unfreeze functionality

Introduction

This is a technical audit report for ElamaChain token (ELAMA) smart contract. This audit is purely technical and is not any investment advise.

Only thing it will tell is, Elamachain smart contract is safe to make transactions.

Smart Contract Audit goals

Consensys ethereum smart contract security best practices

- Whether the code is written in a simple, readable and security mindset
- Checked the code whether its able to protect against all smart contract known attacks like re-entrancy, race conditions, time stamp dependence, underflow and overflow, DoS attacks like unexpected revert, block gas limit etc
- Checked against gas optimization
- OpenZepplin safeMath library
- Analyze smart contract with various Consensys recommended tools like Mythril, Securify, Smartcheck to name a few. Also used some proprietary developed tools

Primary architecture review

- In depth architecture review
- Code correctness
- Documentation
- Code analysis for syntax errors

➢isFrozen functionality

➢releaseLock, lock and unlock functionality

➢transferWithLock and transferWithLockAfter functionality

➢dropToken functionality

➢mint and burn functionality

➢pause and unpause functionality

➢ELAMA token satisfies ERC-20 interface as this is required for crypto exchange listing

➢ERC-20 compatible transfer() is available

➢Tokens can be transferred with ECR-20 allowance approval

➢One cannot transfers more than approved allowance

➢transferOwnership and renounceOwnership functionality

➢increaseAllowance and decreaseAllowance functionality

Limitations

Security auditing can't bare all existing vulnerabilities, and even an audit in which no vulnerabilities are found is not a guarantee for a secure smart contract.

However, auditing is there to find out vulnerabilities that are not seen during development and areas where additional security measures are necessary.

c. ELAMA Explorer

https://etherscan.io/token/0xfb444c1f2b718ddfc385cb8fd9f2d1d776b24668

d. Distribution and Logistics
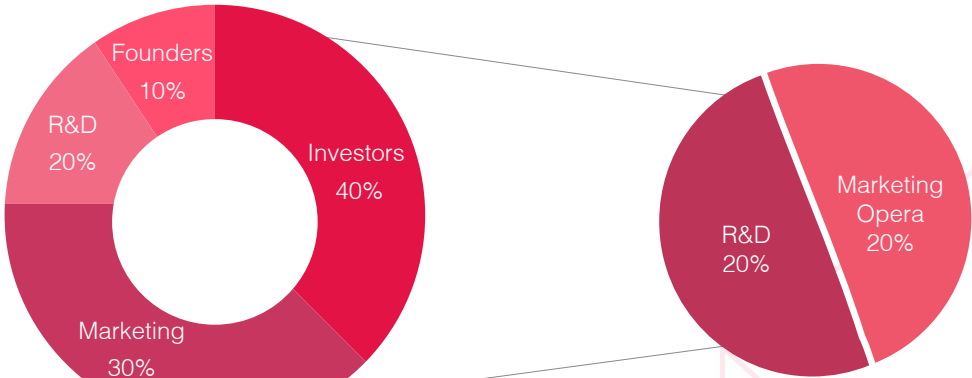
Token Distribution

Groups	Investors	Marketing	R&D	Founders
Ratios	40%	30%	20%	10%

Distribution of Investor Sales

Use	R&D	Marketing/Listing	Operations
Usage Rate	50%	40%	10%

https://etherscan.io/token/0xfb444c1f2b718ddfc385cb8fd9f2d1d776b24668#balances

Withdrawal of ELAMA by an Private Investor
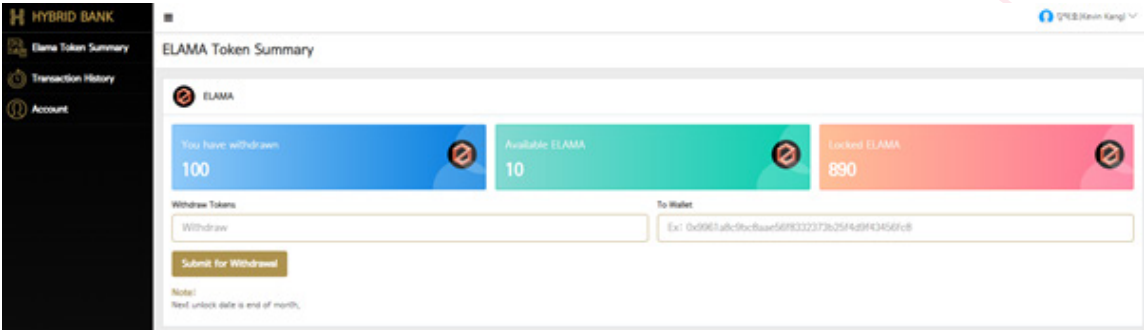
To prevent ELAMA from being traded at no discretion in exchange, ELAMA will be deposited to Hybridbank to be allocated to individuals at a fixed percentage every month. To prevent any losses for some investors due to some selfish transactions of a few investors with an advantage, we will do our best to promote fair and sustainable market transactions for ELAMA.
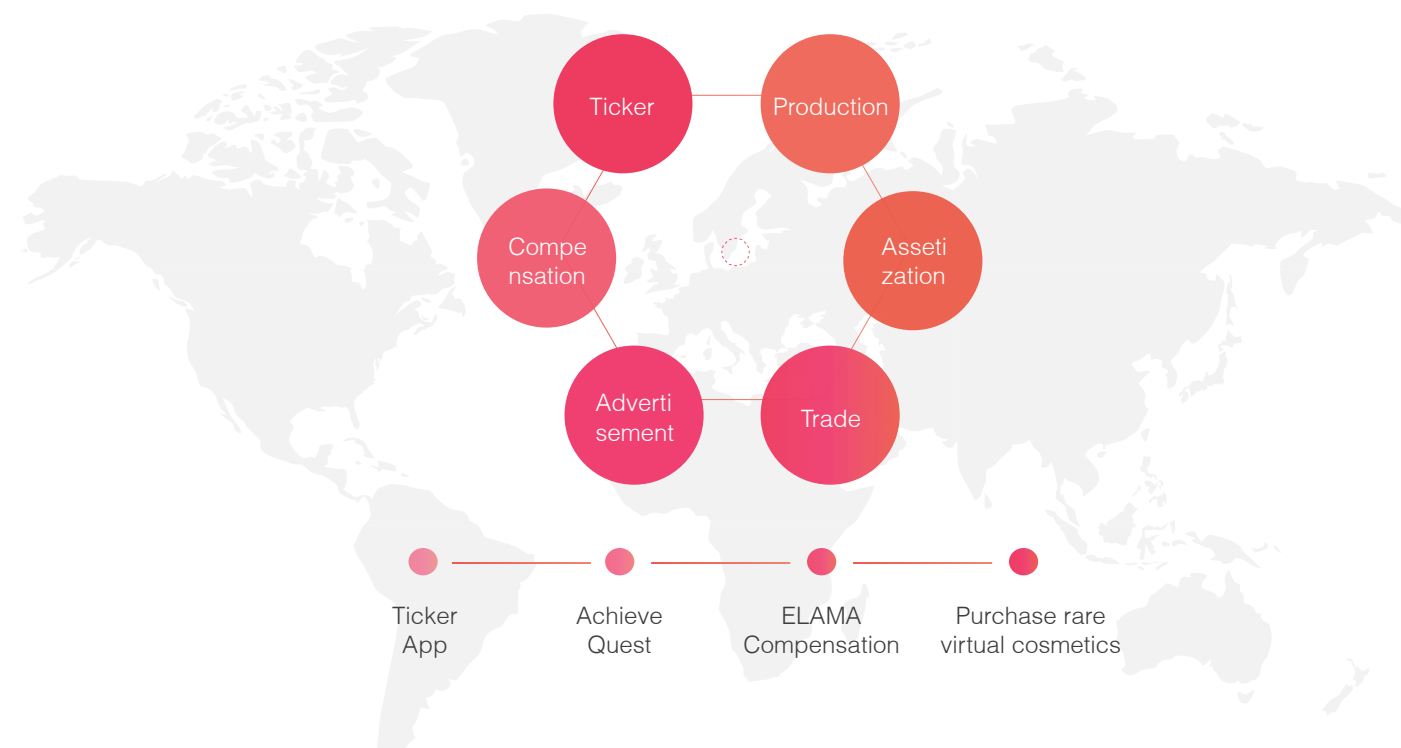
*Hybridbank: http://hybridbank.io

e. Exchange

Overview(Recent 3M)

Elamachain Chart

| Price | Market Cap | TradingView | | 1D | 7D | 1M | 3M | 1Y | YTD | ALL | | LOG |

Name	KRW	USDT	BTC	ETH	GO
Bittrex			O		https://global.bittrex.com/Market/Index?MarketName=BTC-ELAMA
Bithumb Global		O			https://www.bithumb.pro/en-us/spot/trade?q=ELAMA-USDT
Foblgate	O				https://www.foblgate.com/trade?pairName=ELAMA/KRW
LBank		O			https://www.lbank.info/exchange/elama/usdt
Hotbit		O	O	O	https://www.hotbit.io/exchange?symbol=ELAMA_BTC
Bitforex		O	O		https://www.bitforex.com/en/spot/elama_btc
Digifinex		O	O		https://www.digifinex.com/ko-kr/trade/BTC/ELAMA
Bilaxy		O	O	O	https://bilaxy.com/trade/ELAMA_BTC

*Coinmarketcap : https://coinmarketcap.com/currencies/elamachain/markets/
*Coingecko : https://www.coingecko.com/ko/%EC%BD%94%EC%9D%B8/elamachain#markets

2.2 ELAMA Token Ecosystem

Use on the Connected Platform

Users can use ELAMA when they purchase premium-level virtual cosmetics on the Ticker platform. Users can acquire ELAMA when they complete a specific event or a request on the platform. Users can trade goods or any means of value with ELAMA within the platform.

Means of Transaction

Trade of virtual cosmetics (C2C/B2C/B2B)
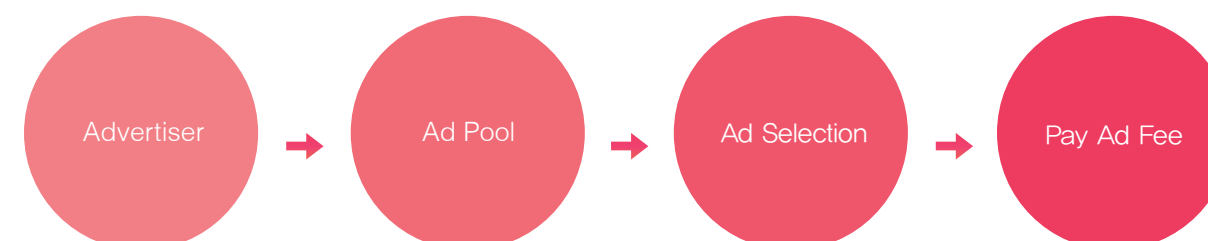
Advertisement Fee

Advertiser (Corporation/User) > Ad pool > Ad selection > Pay ad fee

Compensation

Users will be compensated if they promote in accordance with the method designated by the ad pool.
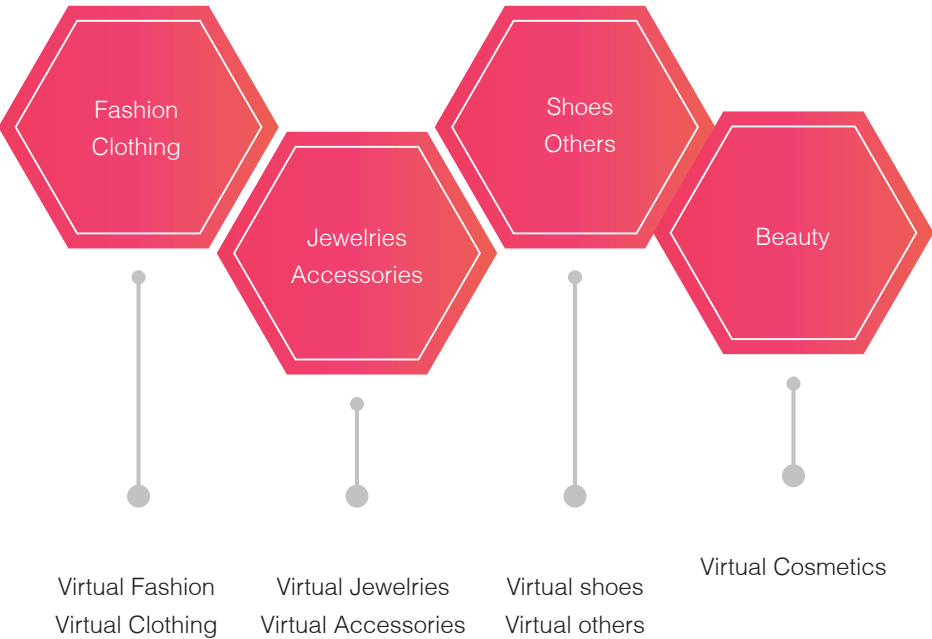
General fee

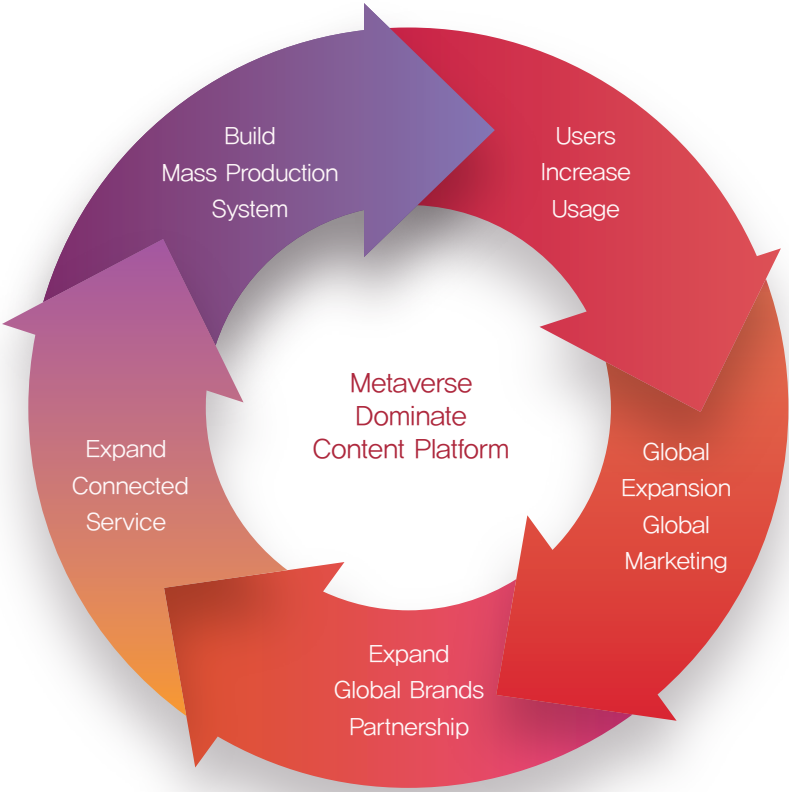production fee, promotion fee, transaction fee and transmission fee

3. Platform Scalability

3.1 Business Expansion

Fashion
Clothing

Jewelries
Accessories

Shoes
Others

Beauty

Virtual Fashion
Virtual Clothing

Virtual Jewelries
Virtual Accessories

Virtual shoes
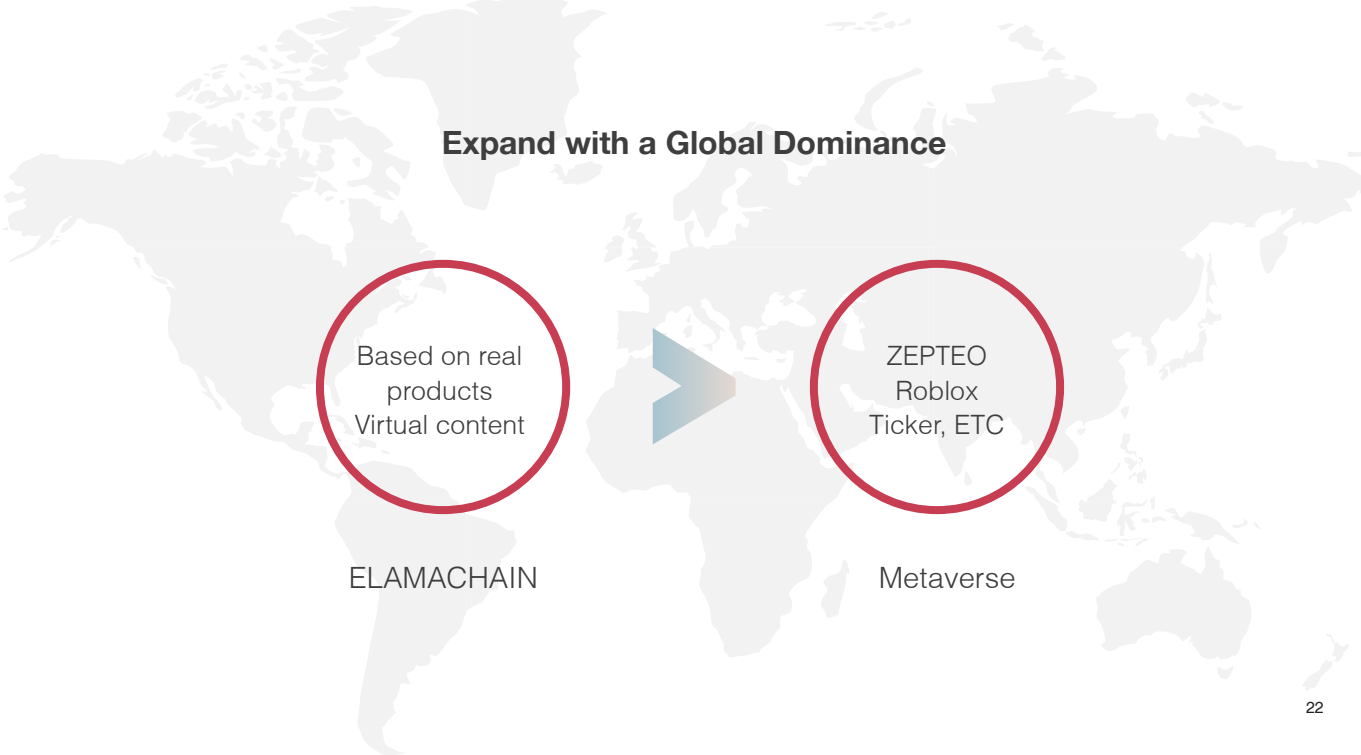Virtual others

Virtual Cosmetics

Once the platform is more advanced and optimized, it can expand to other scopes beyond the virtual beauty platform. The plan is to design virtual contents for shoes, jewelries, fashion, clothes, and other accessories to be assetized and traded.

3.2 Future Vision

Build
Mass Production
System

Users
Increase
Usage

Metaverse
Dominate
Content Platform

Global
Expansion
Global
Marketing

Expand
Connected
Service

Expand
Global Brands
Partnership

The next step is to build a mass content production system, increase user usage rate, global market expansion, global business partnership expansion and connected service expansion to emerging as a total virtual content platform through building metaverse content, assetization and exchange. To this end, ELAMACHAIN will plan to gain dominance in the market to provide real-product-based virtual content to a global metaverse platform.

Expand with a Global Dominance

Based on real
products
Virtual content

ZEPTEO
Roblox
Ticker, ETC

ELAMACHAIN

Metaverse

4. Partnership

Bithumb Global

Bittrex

LBank

Hotbit

Digifinex

BitForex

FoblGate

CoinGecko

Coin Market Cap

ICO bench

Ticker

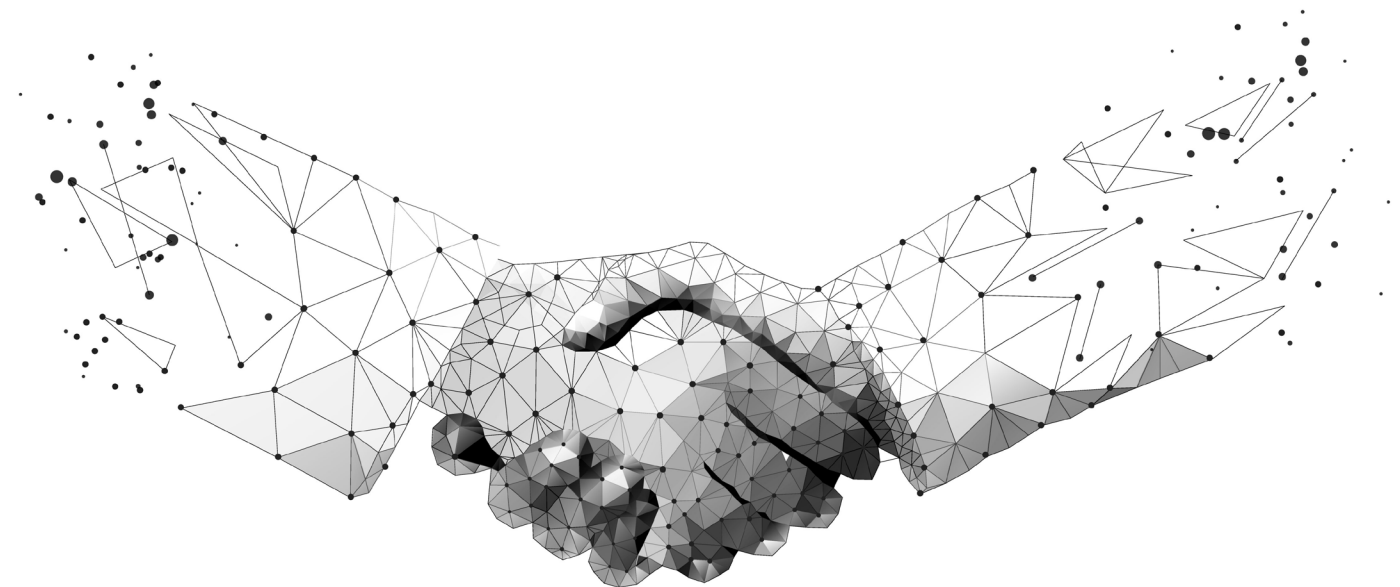Tachyon B&T

Celtic Lab

Hybrid bank

BWB Law firm
(Switzerland)

5. Business and Business Partners

5.1 Company

Company Name	ELAMACHAIN FOUNDATION LTD
CEO	Kang Deok Ho
Incorporated Date	September 5, 2018
Main Office	Singapore
Registered Office	10 ANSON ROAD #23-14E INTERNATIONAL PLAZA SINGAPORE (079903)
Scope of Business	DEVELOPMENT OF OTHER SOFTWARE AND PROGRAMMING ACTIVITIES
Service	Blockchain related service and other blockchain-based assets
	Blockchain-based virtual beauty platform (virtual beauty production/NFT
Email Address	assetization/NFT trade)
	elamachain.io
	info@elamachain.ios
SNS	Telegram https://t.me/elamachain
	Twitter https://twitter.com/elamachain?s=20

*ELAMACHAIN Foundation and Tachyon B&T are partners and are also independent corporations

5.2 Partners

Company Name	Tachyon B&T
CEO	Kang Deok Ho
Incorporated Date	15/05/2018
Main Office	Republic of Korea
Registered Office	Teheran–ro, Gangnam–gu, Seoul, Republic of Korea
Scope of Business	IT Service / Cosmetics Sales
Service	Ticker (Online Beauty Life App) AOS version, iOS version
Service Address	http://Tickercorp.com
Products	Joson (High Concentrate Membrane Free Stem Cell Cosmetics)
Product Address	http://thejosun.com
IP	Granted 1 technology patent (Blockchain–based commerce)
	Published 14 technology patents (9 related to AR, 2 related to platform, and 3 related to commerce)
	Published 18 technology patents (Ticker, Joson, Tachyon, etc.)
Website	http://tachyonbnt.com
Email	info@tachyonbnt.com
SNS	Youtube https://youtube.com/channel/UC5DEBB9neTw1GDtYdO1W36g
	Instagram https://www.instagram.com/ticker_kr/
	Facebook https://www.facebook.com/tickerappkr/
App Download	Android Google Play iOS Available on the App Store

6. Team ELAMACHAIN

6.1 ELAMACHAIN Leadership

NAVER People | Kang Deok Ho | 검색

Kang Deok Ho

31 years old

Birth Year	1990
Company	Tachyon B&T (CEO)
Website	YouTube, Website

Career	Awards

	CEO of Tachyon B&T
2018	CEO of Tachyon Holdings
2013 ~ 2017	CEO of Enable

Career	**Awards**

2020	Grand Award of Korea CSR Foundation Awards
2016	Awarded by Seoul Metropolitan Major
2014	Grand Award of Social Bench Competition for Entrepreneurs

Works

other 2 works

Other 2 works

Patent 2017 Airless tires
Patent 2016 4-wheel mobility with suspension

6.2 Core Developers

Names	Development Area	Background	Profile
Aravinda Babu	Blockchain	TATA – Technical Lead IBM – Software Engineer	https://www.linkedin.com /in/linuxchip/
Jae-hyuk Park	Technical Architect	Line Games- Technical Lead Inno age(Line Games)-CTO	https://www.linkedin.com /in/%EC%A0%9C%ED %98%81-%EB%B0%95- 4588371b0/
Gwan-yong Kim	Infra Structure	Kalua – CEO GF Vision - CTO	-
Gi-Hwan Jin	Back-end	NC Soft – Engineer Smile Gate – Senior Engineer	-
Tae-il Son	Client	Info Bank- Engineer Vogo play – Technical Lead	https://www.linkedin.com /in/%ED%83%9C%EC%9D% BC-%EC%86%90-b6b9901b8/