Bithashex

BITHASHEX OÜ IS CUTTING EDGE FINTECH COMPANY THAT EXPERTLY COMBINES PEER-TO-PEER AND OTC EXCHANGE FOR TRADING, EXCHANGE AND EDUCATION ON A ROBUST PCI DSS COMPLAINT DECENTRALIZED PLATFORM.

BITHASHEX IS A PANACEA TO TACKLE THE CURRENT GLOBAL REMITTANCE PROBLEMS. IT OFFERS UNPARALLELED, ALL-INCLUSIVE PLATFORM FOR SEASONED INVESTORS, TRADERS AND NOVICES ALIKE, TO GAIN FROM THE LATEST TECHNOLOGICAL WONDER.

CONTENTS

DISCLAIMER

Cryptographic tokens may be subjected to expropriation and/or theft; hackers or other malicious groups or organizations may attempt to interfere with our system/network in various ways, including malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing which may result in the loss of your cryptographic tokens, the loss of your ability to access or control your cryptographic tokens. In such the event, there may be no remedy, and holders of cryptographic tokens are not guaranteed any remedy, refund, or compensation. No promises of future performance or value are or will be made with respect to Tokens, including no promise of inherent value, no promise of continuing payments, and no guarantee that BithashEx Tokens will hold any particular value. Unless prospective participants fully understand and accept the nature of BITHASHEX OÜ's proposed business and the potential risks inherent in BithashEx Tokens, they should not participate in the Bithashex OÜ Token Sale.

BithashEx Tokens are not being structured or sold as securities. BithashEx Tokens are sold with an intended future functionality on the platform to be developed by Bithashex OÜ and all proceeds received during the Token Sale may be spent as desired necessary by Bithashex OÜ on the development of its business and platform. This Whitepaper does not constitute a prospectus or offering document and is not an offer to sell, nor the solicitation of an offer to buy any investment or financial instrument in any jurisdiction. BithashEx Tokens should not be acquired for speculative or investment purposes with the expectation of making an investment return. No regulatory authority has examined or approved any of the information set out in this Whitepaper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The publication, distribution or dissemination of this Whitepaper does not imply that applicable laws, regulatory requirements or rules have been complied with.

BithashEx Tokens could be impacted by regulatory action, including potential restrictions on the ownership, use, or possession of such tokens. Regulators or other competent authorities may demand that Bithashex OÜ revise the mechanics and functionality of BithashEx Tokens to comply with regulatory requirements or other governmental or business obligations. Nevertheless, Bithashex OÜ believe they have taken commercially reasonable steps to ensure that its planned mechanics are proper and in compliance with currently considered regulations. Bithashex OÜ is in the process of undertaking further legal and regulatory analysis of the intended functionality and mechanics of BithashEx Tokens. Following the conclusion of this analysis, we may be required to amend the intended functionality of BithashEx Tokens in order to ensure compliance with any legal or regulatory obligations that apply to us. We shall update this Whitepaper and publish a notice on our website in the event that any changes are made to the BithashEx Token functionality.

1 EXECUTIVE SUMMARY

Bithashex

EXECUTIVE SUMMARY

1.1 SUMMARY

BithashEx OÜ is a radical product that aims to change the game of Global Crypto Remittance Services. A renowned Estonia registered Fin-tech organization- Bithashex OÜ along with it's experienced charis-matic Founder – Jafar Safari, have a long-standing specialization in provision of full flock Financial Services for the adoption of technologi-cally enhanced Digital Assets by users from all-spheres of life. Bithashex OÜ aspires to 'Bank the Unbanked' via the emerging revolu-tionary Blockchain Technology deemed to be the driving force behind the Forth Industrial Revolution, alongside Artificial Intelligence.

Backed by nearly Two-Decades of inviolable expertise in the Global Fiscal Remittance and Monetary Exchanges, patrons of Bithashex OÜ – have come up with a unique proffer of a One-stop destination for Fiat and Crypto Trading, Listing, Funding and Training for global remittance services. Developed with keeping simplicity, functionality, and security in mind, Bithashex OÜ aims to provide a well-protected, risk-free entry for novices and experienced traders into the Digital Asset Markets for accessing value-added services through the use of BithashEx token and platform.

Risk warning: However, please note that trading or exchange of the cryptocurrency on margin carries a high level of risk and may not be suitable for all. There is a possibility that you may sustain a loss equal to or greater than your entire inserts. Therefore, you should not risk money that you cannot afford to lose. Before using Bithashex OÜ ser-vices, please acknowledge all of the risks associated with trading or exchange.

The content of this website must not be construed as personal advice. We recommend that you seek advice from an independent advisor before You start using our platform.

BithashEx business model does not require authorization from the FSA supervision due to it is operated as a crowdfunding platform. Consid-ering the rapid growth of the crowdfunding industry, the establishment of some kind of regulation and licensing is highly probable.

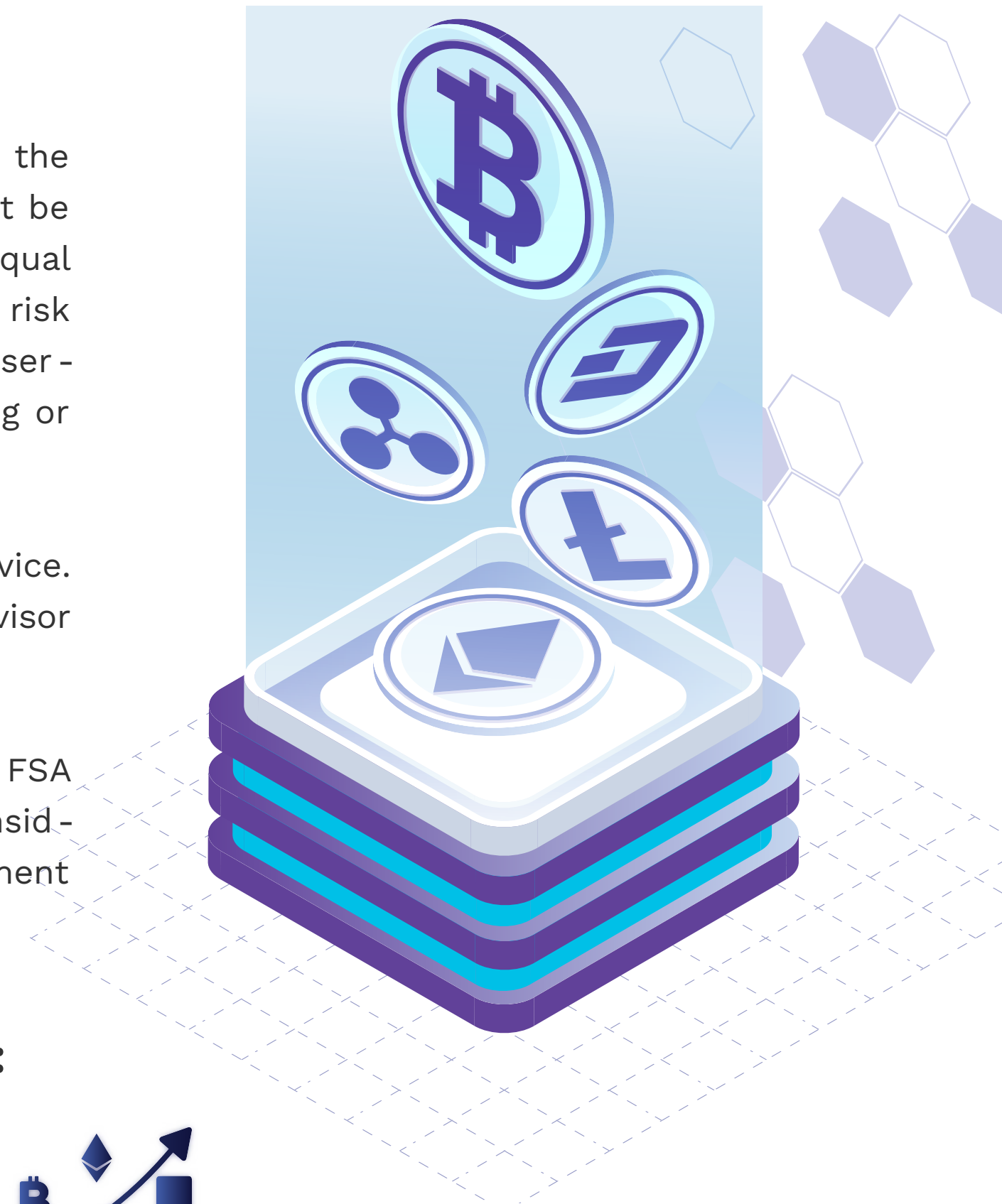## Bithashex platform offers following services:

Trade multiple cryptocurrency and fiat pairs from a single platform.

Store and exchange crypto or tokenized assets in one central wallet.

Access a knowledge base of trading materials, trend and currency analysis.

Bithashex

1.2 BUSINESS OVERVIEW

Description

We are an esteemed Fintech Company extending cutting-edge provisions on Blockchain Platform.

Website

www.bithashex.com

Formation Year

2019

Financial Objectives

•Financial Growth: To exceed USD One Billion in the next 10 years.

•Financial Growth: To increase revenue by 35% annually.

•Financial Efficiency: To increase net profit by 20% annually

Key Services

| Trading Module | KYC/AML | Exchange Platform | Liquidity Solution |

Legal Structure

Estonia

Target

Target Segments : Consumers with Financial portfolios
Target Market : Global

Strategic Objectives

• Our aim is to minimize the hassle and unnecessary limitations of bureaucracy and build an easy-to-use, user-centric platform for mass adoption.

• To provide new and prospective projects and their communities with a reliable platform and multiple pairings.

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CURRENT SCENARIOS AND CHALLENGES

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CURRENT SCENARIOS AND CHALLENGES

2.1 CURRENT SCENARIO – CRYPTO TRADING TRENDS

2019 The total market cap of cryptocurrencies as asset class reached $370 billion

JAN 2019 The cryptocurrency market was $60 million

NOV 2019 The cryptocurrency market has grown more than $10 billion

2020 There are nearly 1600+ cryptocurrencies that could be exchanged and traded for crypto and fiat currencies based on data from CoinMarketCap.

2025 It is projected that the total capitalization of digital assets is going to exceed $5 trillion as crypto wallet penetration exceeds 5% of the world's population.

Decentralized exchanges have emerged as an alternative to traditional ones to allow users to trade without giving up control over their funds. Under these systems, trades are executed by smart contracts on a blockchain, removing the need for a centralized third-party to control user accounts. At the same time, chatbots, robo-advisors and mobile apps are becoming more popular in the cryptocurrency trading field and the financial sector as a whole. Over a period of several months, Citigroup asserts a 170% growth of the chatbot economy - more than the app economy.

2.2 CURRENT SCENARIO – P2P LENDING

Traditional financial system has low penetration of banking systems around the world. Based on data from recent studies of McKinsey & Company, about 2.5 billion people all over the world do not have access to banks and microfinance institutions. However according to the International Telecommunication Union, 47% of the world's population, or 3.4 billion people have internet access. Hence, online cryptocurrency transactions become the best tool to be involved in the global market.

Previously in 2018, the global Peer to Peer (P2P) Lending market was estimated to be USD 231.09 billion and is expected to surpass $ 820.70 Billion by 2025 with a CAGR of 50.2%. After the financial crisis of 2008, financial and banking institutions hav been making conscious efforts to deleverage the traditional markets and market losses by dipping into alternative lending platforms, such as: crowdfunding, Peer to Peer (P2P) Lending etc. This has resulted in decreased loan finances for small and medium-sized businesses and individual borrowers as they are deemed to be volatile vectors owing to high risk factors associated with their unpredictable creditworthiness.

The global Peer to Peer (P2P) Lending market is driven by some remarkable key factors such as :improved limpidity for investment, lesser operating cost and associative low market risks, and diminished rates of interest to consumers. Moreover, the peer-to-peer industry has conquered a long required need for an alternative lending platform in addition to the traditional banking system.

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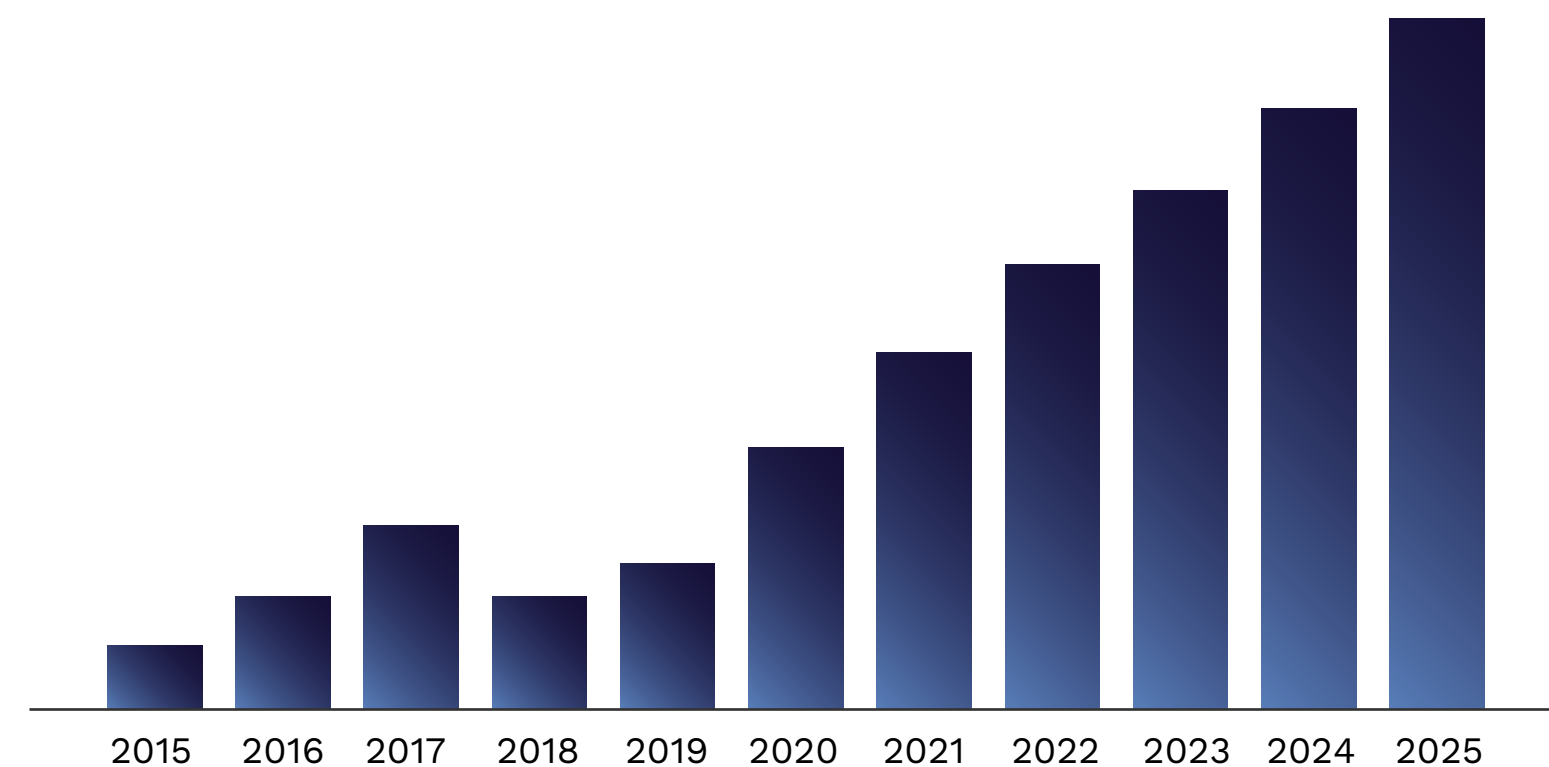
2.3 CHALLENGES

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The total capitalization of Digital Assets is expected to exceed $5 trillion by 2025 per the findings concluded by CryptoCentral and Nasdaq. Blockchain Technology allied with Artificial Intelligence is projected to take the world by storm in the coming decade, progressively outmatching the traditional exchanges in terms of total margin and turnover. There's an enormous growth prospect for those willing to catch up to this rapidly raising Virtual Revolution by tapping into the significant opportunities by quickly engaging as Value pools are being distributed.

Recently, several Exchange Platforms have been devised to gain from the fortified Crypto uprising. While both abundantly used Centralized Exchanges have been pivotal in jumpstarting the transaction or exchange of value in the Crypto Ecosystem, they do come with their fair share of shortcomings. Centralized Exchanges, though they provide high liquidity, margin trading, institutional trading tools and increased trade volumes, they are subjected to high risks of Hacker attacks, Govt shut downs and low levels of Privacy.

Complicated Interface

Poor Technical Architecture

Security

CHALLENGES

High Trading Fees

Improper Crypto Noesis

2.3 CHALLENGES

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Most present day Exchange platforms aren't user-friendly and have a non-interactive user interface. In the rush of accumulating State-of-the-art features, the designs get very complex as a result of which Users especially Novice Traders find navigation around the exchange a cumbersome process. Alongside this, in the race to get the Exchange up and running quickly, majority of the features are developed keeping short-term functionalities in mind. As the traffic grows, the Platform becomes incapable of handling the increased load, which leads to System failures and crashes. Then there's the concern of -Security. Even the most famous Exchanges aren't immune to the atrocities of Hacking, Phishing and malicious Cyber intent. Even though one of the lauded features of Crypto Exchanges is their diminished transactions fees, they too don't come with their share of Hidden costs baggage like: Spreads, Network Transaction Fees, Out-of-Wallet Fees, Cryptocurrency Storage Fees etc.

Based on data from recent studies of McKinsey& Company, about 2.5 billion people all over the world do not have access to Banking facilities or Micro-financial institutions. However, according to the International Telecommunication Union, 47% of the world's population i.e 3.4 billion people have internet access.

This makes the online Cryptocurrency Ecosystems the best tool to be involved for fostering global remittances. But despite the demand and supply, factions of people opting for Crypto-Exchange Platforms to acquire funds or yield in Digital Asset trading are far less. This is owing to the lack of proper instructional material, know-how, training module and information using which; crypto enthusiasts or rookies could enter into the game and reap the benefits this Digitally Dynamic Platform has to offer.

Bithashex

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BITHASHEX - A UNIQUE PROPOSITION

BITHASHEX - A
UNIQUE PROPOSITION

In order to resolve the issues of current Exchanges, Bithashex OÜ has devised a Panacea-product: BithashEx. BithashEx is a combied **Decentralized Exchange** with highly secure P2P architecture for seamless trading of Digital Assets for a wide gamut of financial spectators. The BithashEx platform will make services, products, solutions and guidance more accessible and affordable for users by implementing an amalgamation of Blockchain technologies into Traditional Investment Infrastructures through Tokenization, which is governed by Smart Contract to enhance privacy and risk hedging-whether financial or technical.

As a **P2P Lending Platform**, BithashEx will allow borrowers to list their loan proposals and lenders to explore investment opportunities, thus creating a new layer of transparency in the whole process by elimination of intermediaries. This is additionally executed by both the borrowers and the lenders on the platform entering into a **Smart Contract** with one another to help shield each other from the contingent risk factors.
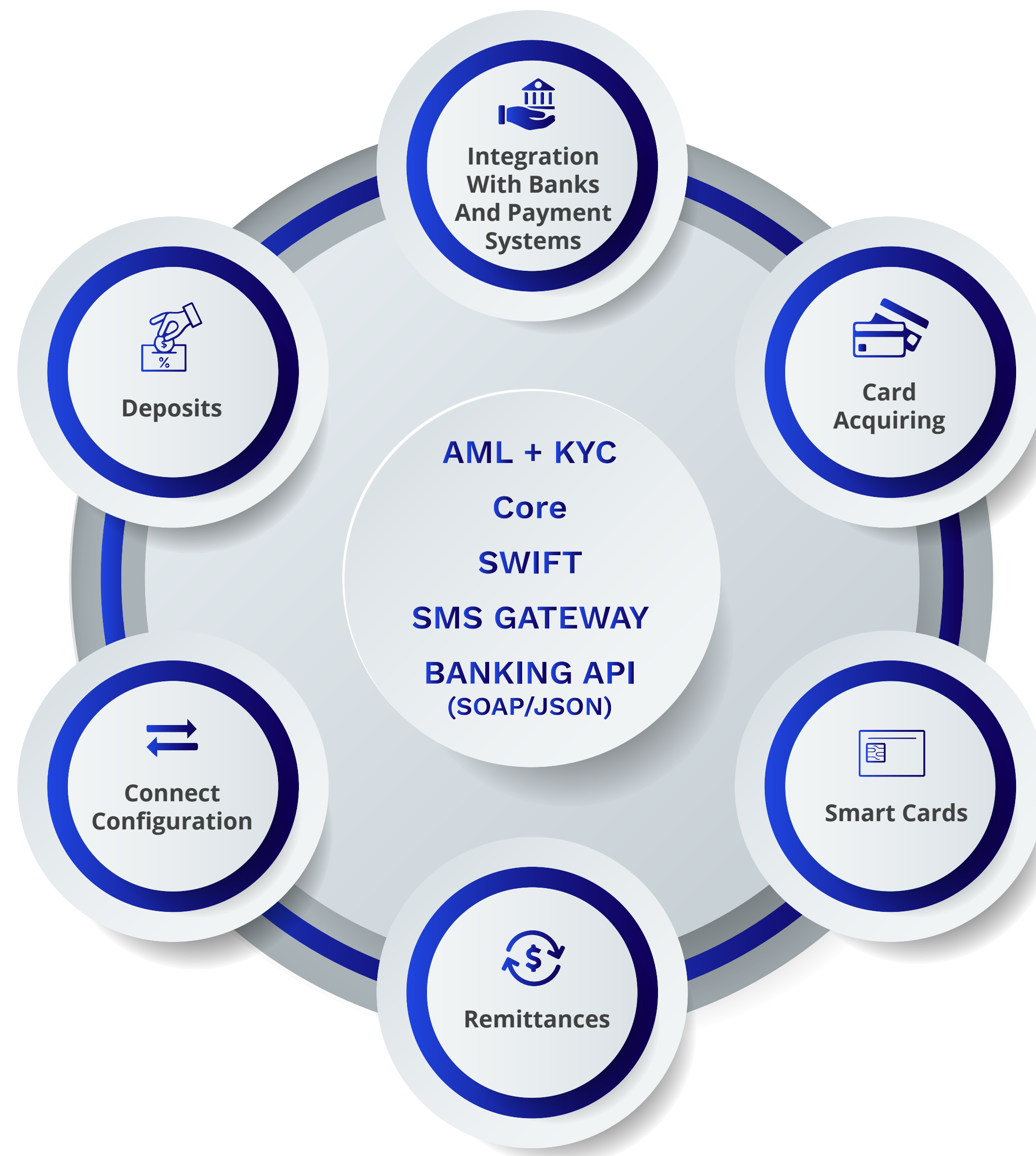
For the transfer of funds, borrowers and investors bypass traditional banks and allied financial institutions as funds are directly transferred in the eWallets of the parties looking for loans. Avoiding the restrictions of Fiat Currencies and Standard lending channels and their cumbersome costly Wire Transfer procedures that sually aren't easy to set up, BithashEx allows approved P2P Borrowers to receive funds almost instantly, wherever they may live across the globe via the Blockchain platform.

As a decentralised exchange- BithashEX aims to aid the P2P Lending by providing a platform that eradicates the role of centralised pool funding. It allows Users to employ their wallet addresses to sign in to BHAX platform, where they can submit their buy or sell request. This automatically activates self-executing Smart Contacts after review and acceptance and implements safer transfer of digital assets directly from each others' wallets rather than from Cryptocurrency exchange wallets, like it's provisioned in Centralized Exchanges, resulting in lesser chances of phishing, hacking or other cyber malice. BithashEx Token is another integral part of BHAX Ecosystem and that helps in financing and facilitating the Peer-to-Peer payments, fee derfrayals; and additional discounted entitlements that are not otherwise applicable on other cryptocurrencies.
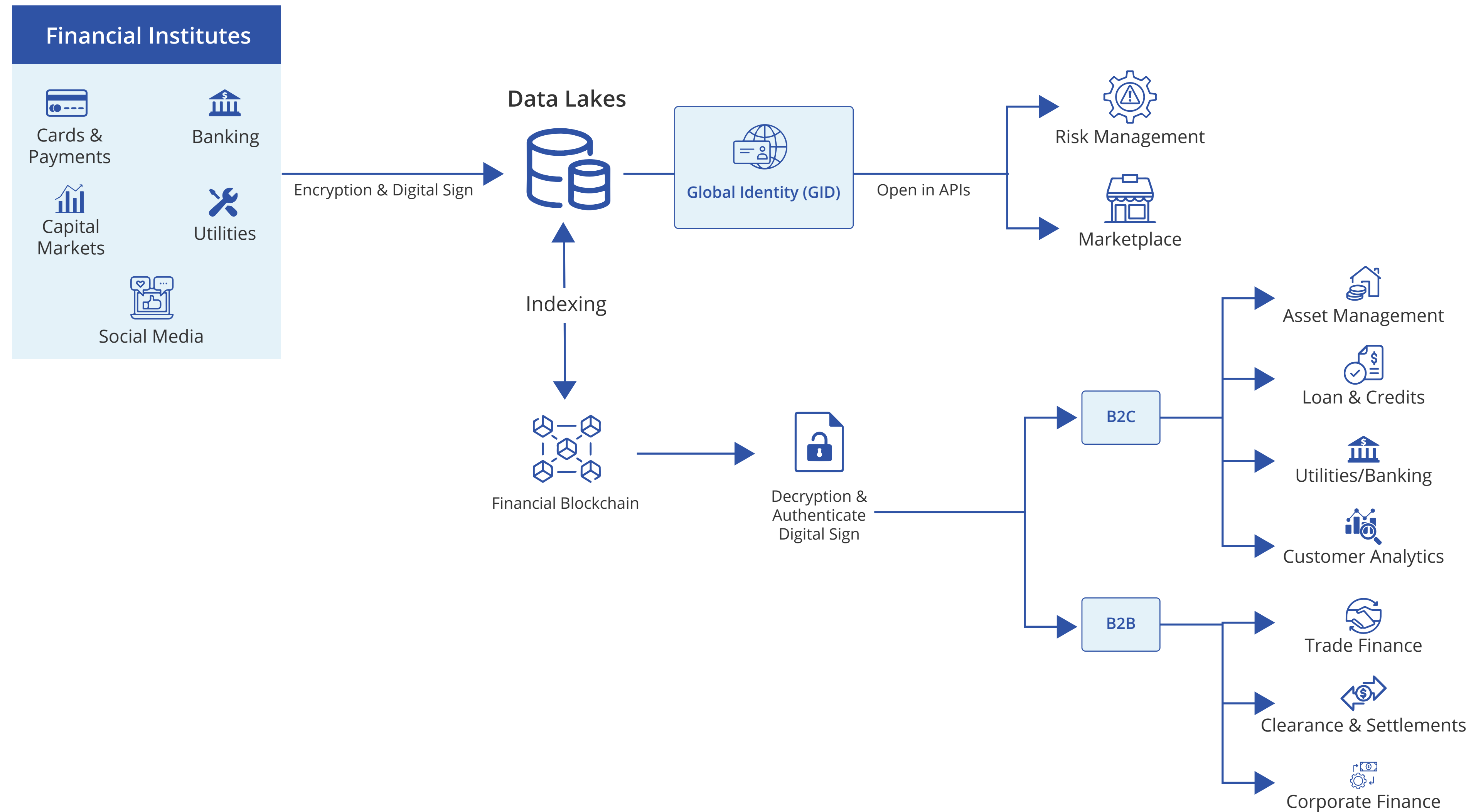
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THE MODULAR ARCHITECTURE OF
BITHASHEX SUPPORTS REMITTANCE
MODULE , KYC ID VERIFICATION,
ALONG WITH THE UP-TRENDING
CRYPTO EXCHANGE PLATFORM

Integration With Banks And Payment Systems

Deposits

Card Acquiring

AML + KYC
Core
SWIFT
SMS GATEWAY
BANKING API
(SOAP/JSON)

Connect Configuration

Smart Cards

Remittances

Bithashex

SCHEMATIC DESIGN OF SYSTEM

BITHASHEX MATRIX - THE NEW STANDARD OF SECURITY

Bithashex Matrix is a revolutionary new technology that provides an automated algorithm to provide a universal ID for an individual or business institution without considering their geographic location.

Once approved by our KYC algorithms, the data goes into a single, decentralized block-chain. This account acts as an "e-vault" where all personal Identifications can be stored in a secured format. We will be encrypting the data in the zero-knowledge protocol. Even we do not have any access to the user profiles.

Our platform would ensure that there is no possibility of identity theft or hack in any manner. The GID such generated would be usable across the world in partnering financial institutions, banks, insurance providers and any other organizations, where you are required to submit your identification documents. The core philosophy behind Bithashex Matrix is to give control of documentation to the owner and ensure that their documents are not accessible by unauthorized personnel or entity.

The Bithashex Matrix would be complete when institutions start adopting this module to the specific API level. Entities and regulatory bodies can access the data with individuals' permission.

The Bithashex Matrix would help fill in the gaps and make the world secure. The whole ecosystem would benefit from faster transactions, ease of usability, interoperability, and help break geographical boundaries and This platform will eliminate money laundering and other related financial frauds.

Bithashex

INTRODUCTION TO GID

A unique Global ID will be generated for each customer which would be a combination of customer's demographics and photograph. This 16 digit unique global ID will act as a primary identifier throughout all the systems. Customers will be authenticated through OTP sent to their registered email address or mobile number.
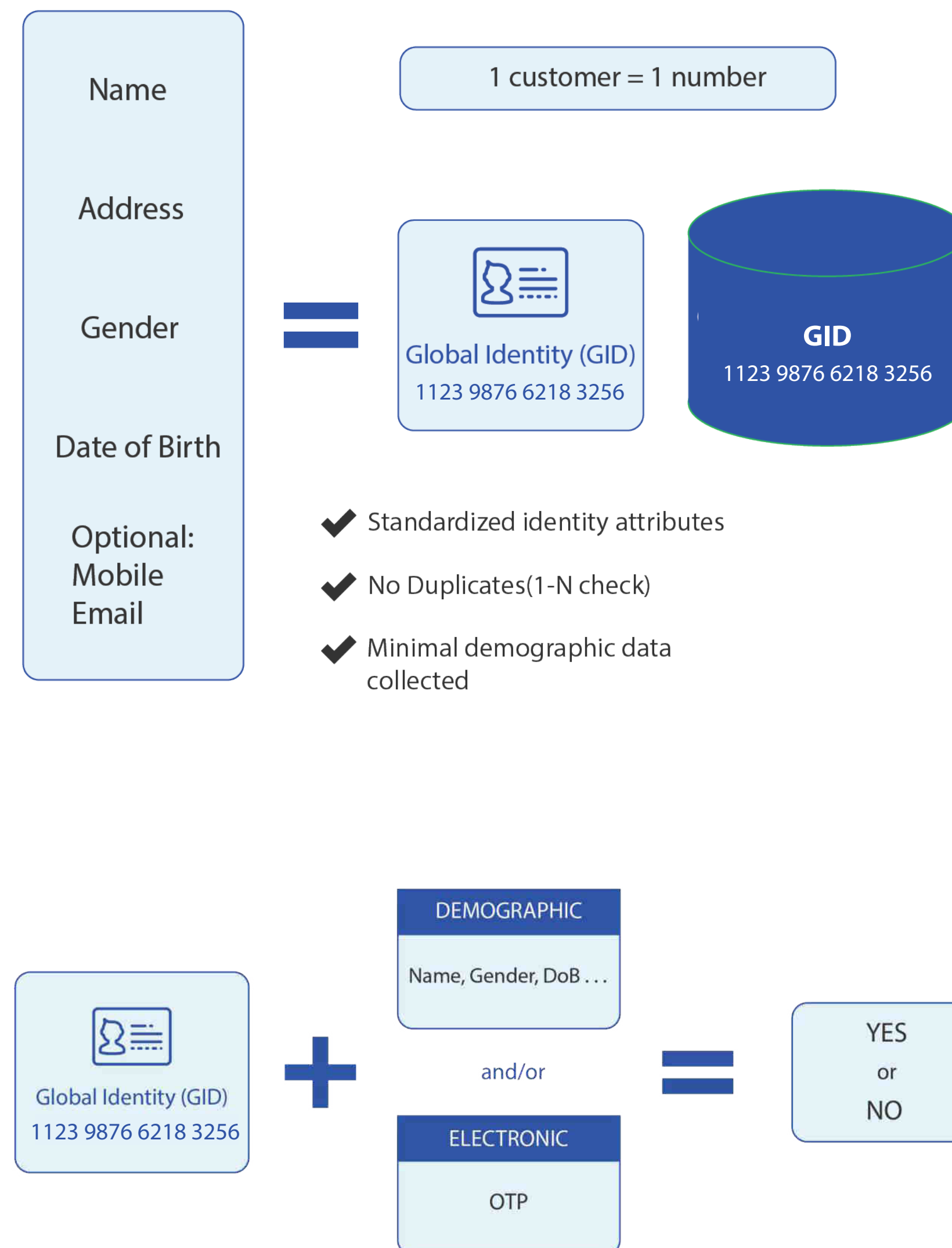
FEATURES OF GID

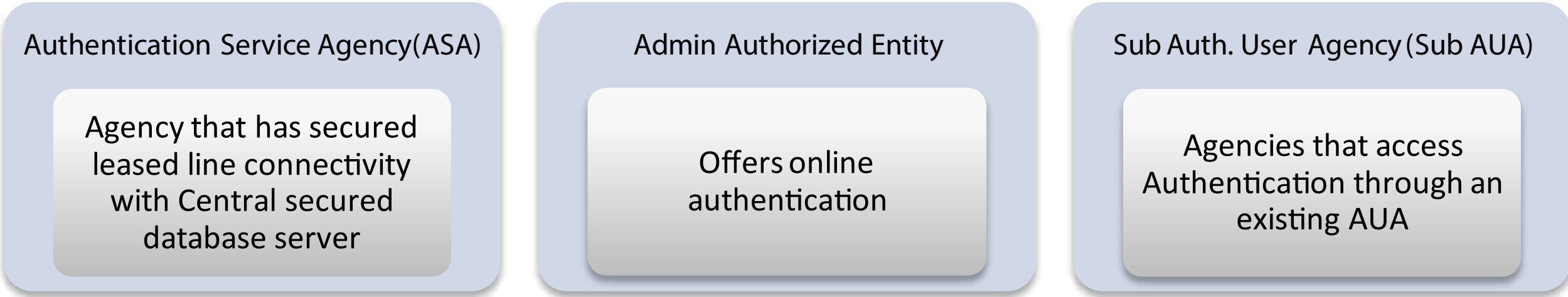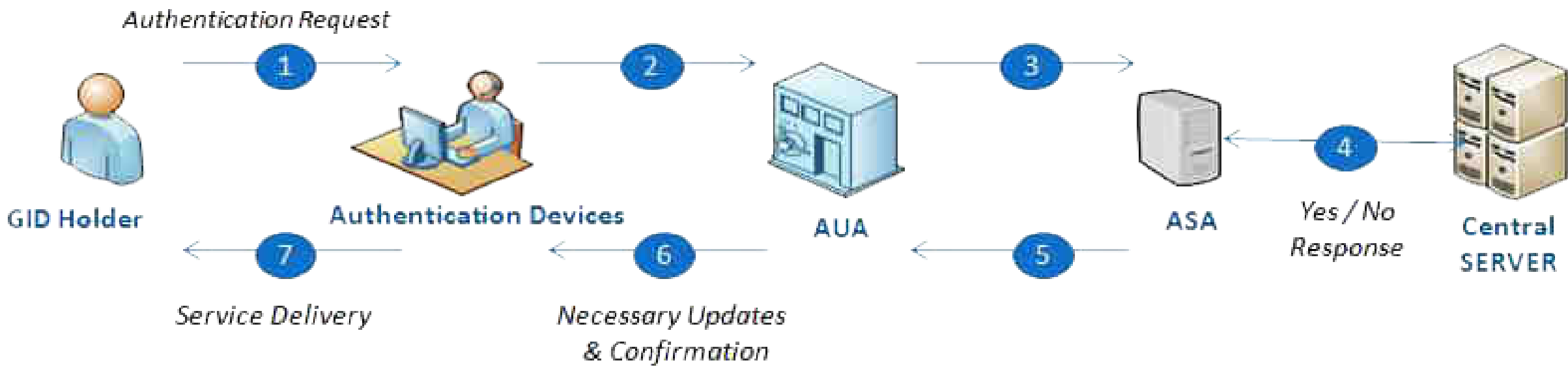Random 16-digit Number – No Intelligence, No Profiling

1. Only a Number – No Smart Cards
2. All Customers – Including both the systems finance and healthcare
3. Uniqueness – Ensured through demographics attributes
4. Security and Privacy of Information Collected

ADVANTAGES OF GID

Both the systems can interact with each other in real time

1. Anywhere, Anytime when the key is invoked, user can be notified
2. Enhanced security system, as the data is stored by cryptographic encryption
3. Enables us to generate Analytics by masking the user profiles

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Name
Address
Gender
Date of Birth
Optional: Mobile Email

=

Global Identity (GID)
1123 9876 6218 3256

1 customer = 1 number

GID
1123 9876 6218 3256

✔ Standardized identity attributes
✔ No Duplicates(1-N check)
✔ Minimal demographic data collected

Global Identity (GID)
1123 9876 6218 3256

+

DEMOGRAPHIC
Name, Gender, DoB . . .

and/or

ELECTRONIC
OTP

=

YES or NO

GID Holders	Authentication Devices	Authentication User Agency (AUA)
Customers who have obtained their GID number	Point of initiation of GID authentication transaction Ex : User android app	Institutes that use customer authentication enable its services

Authentication Service Agency(ASA)	Admin Authorized Entity	Sub Auth. User Agency (Sub AUA)
Agency that has secured leased line connectivity with Central secured database server	Offers online authentication	Agencies that access Authentication through an existing AUA

OVERVIEW OF FINANCIAL MODULE

A Customer has interactions with multiple banks and might well be using several product divisions of the banks, like Insurance, Mutual Funds, credit cards, Debit cards etc. In the current scenario, divisions of banks are separate entities having separate set of ledgers and database. Similarly, customers can buy or sell assets like stocks, debt, and commodities and access the records through one GID in real time. In the current system to buy or sell any asset, there is a large chain of brokers, exchanges, central security depositories, clearinghouses, and custodian banks involved. These different parties maintain their own version of the truth in a separate ledger. Such a complex chain of events is costly, time consuming and error prone, as that order is relayed through a whole bunch of third parties before ownership is transferred.

OUR PROPOSED SYSTEM

Our proposed system would congregate data emanating from multiple banks and divisions by creating a switch which can standardize the data points and store a version into a data lake in real time. Such data lake will then will be highly secured, as the approach that will be used for storing and accessing the financial data from banks or other financial institutions will be stored in a distributed storage layer in an encrypted form. This system will extract or pull the customers financial data (how much they are spending from credit/debit cards, utility bills and other services) using Application programming interface to offer analytics and valuable real time data to different B2C organizations so that they can take better business decisions. Customers will have full control on their spending and can choose the organizations that get the access to their data and for a particular timeframe. A mobile app will be developed for customers so that they can easily provide permission to providers for their records or data.

FRAMEWORK THAT PULLS DATA FROM FINANCIAL INSTITUTES

Our system will centralize data from different financial organizations based on a unique customer ID.
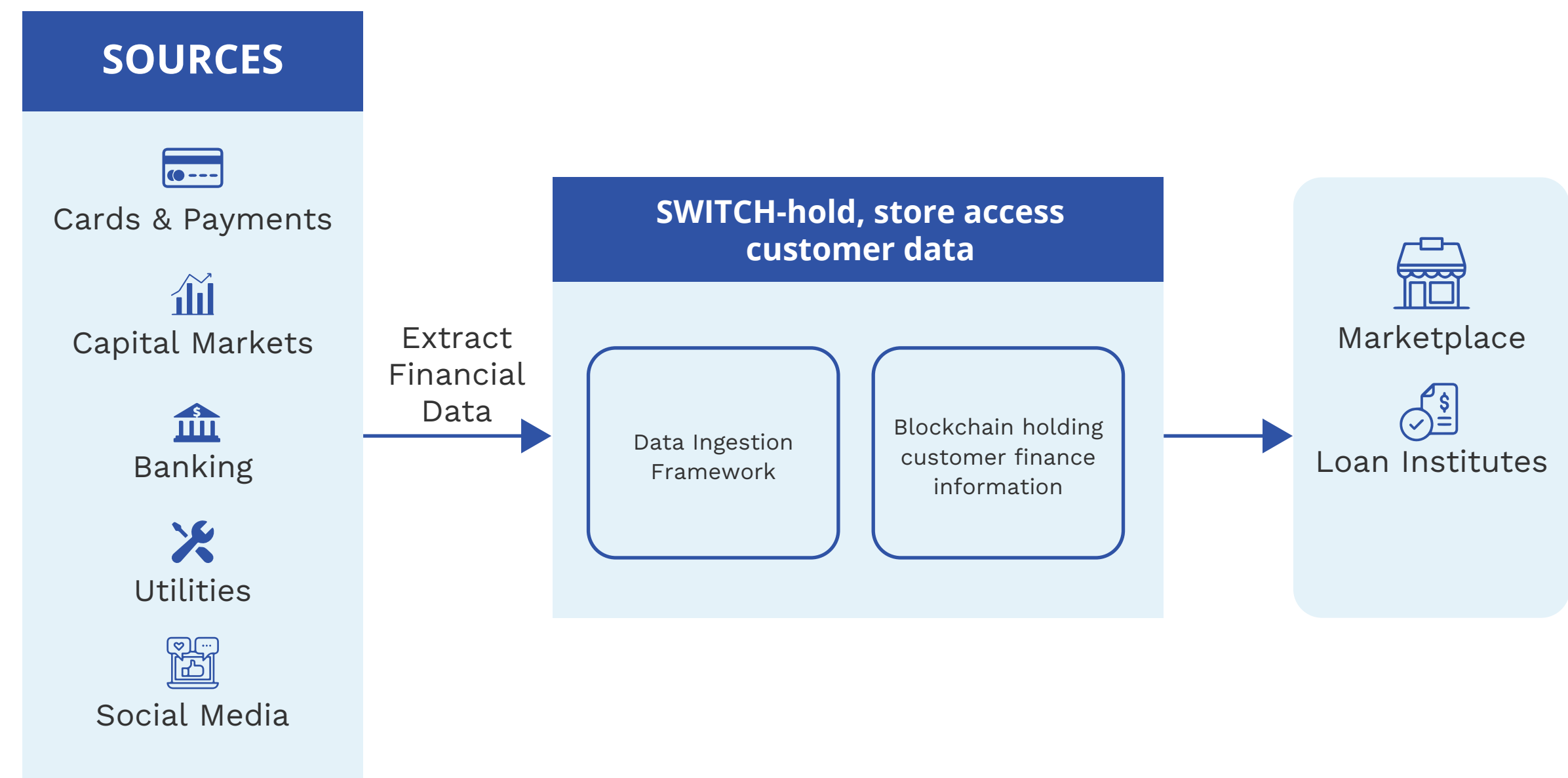
Here are some of the highlights of the system –
1. Extract data from all financial institutes in central data repository making it easier to apply analytics and get insights to solve business challenges.

2. Unified view of customer data from different institutes so that clients have complete view of data at one place.

KEY FEATURES

The increase in data flow and data channels will not affect the processing and storage of the system.
1. Data security along with compliance architecture.
2. Faster decision making with interactive analytics
3. Unified view of data will led to uniformity in decision making.

SOURCES

Cards & Payments

Capital Markets

Banking

Utilities

Social Media

Extract Financial Data

SWITCH-hold, store access customer data

Data Ingestion Framework

Blockchain holding customer finance information

Marketplace

Loan Institutes

BHAX SMART CARDS

As a supplemental precautionary measure, BithashEx plans on implementing a hardware technology function that acts as a portable, Secure Storage for user's Private Keys and Coins, supporting multiple-security features via **BHAX Smart Cards.** BHAX Smart Cards consist of Multi-factor Authentication methods such as: Two-factor Authentication (2FA) , will be used to secure network access, protect financial accounts, Digitally Sign transactions, and offer High Levels of Security to protect against hacking attacks.
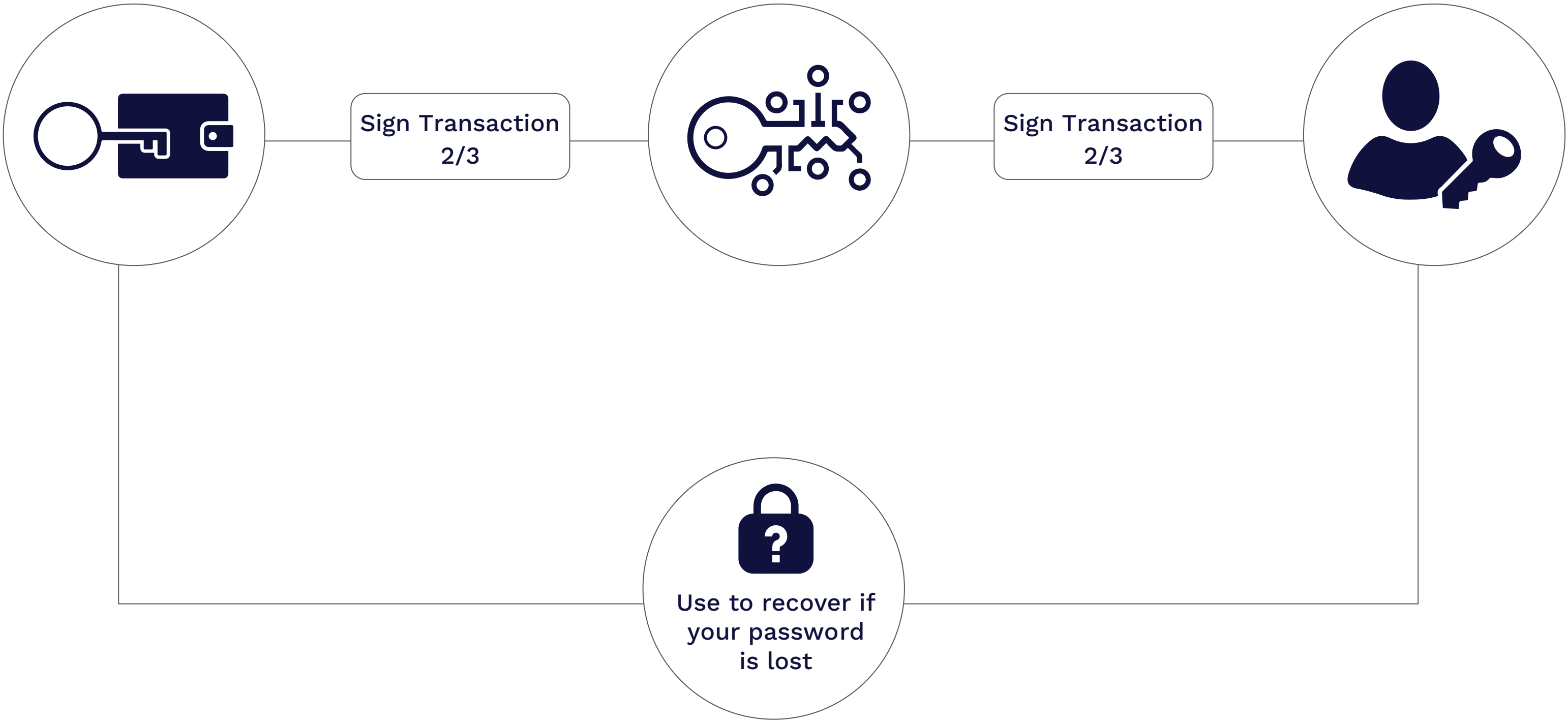
BITHASHEX KEY

Enables you to sign transactions from your BithashEx account.

SHARED KEY

Encrypted with your password

USER KEY

Stored by you and can be used to sign transactions

Sign Transaction 2/3

Sign Transaction 2/3

Use to recover if your password is lost

Along with this, One-button Authenticator will also be implemented that supports strong authentication with one-time passwords (OTPs) that expires every few minute. This will be used for logging into the BithashEx Platform, as well as to Authenticate withdrawals. Transaction Data Signing Authenticator is another mechanism that's implemented on BithashEx Ecosystem. It is a short piece of information used to authenticate a message.

It works by creating a transaction data signature unique to each transaction. Data signatures will be based on information including Account numbers, Transaction amount and Time stamp. This preserves data integrity and ensures authenticity and any changes made after transaction has been electronically signed will be invalid.
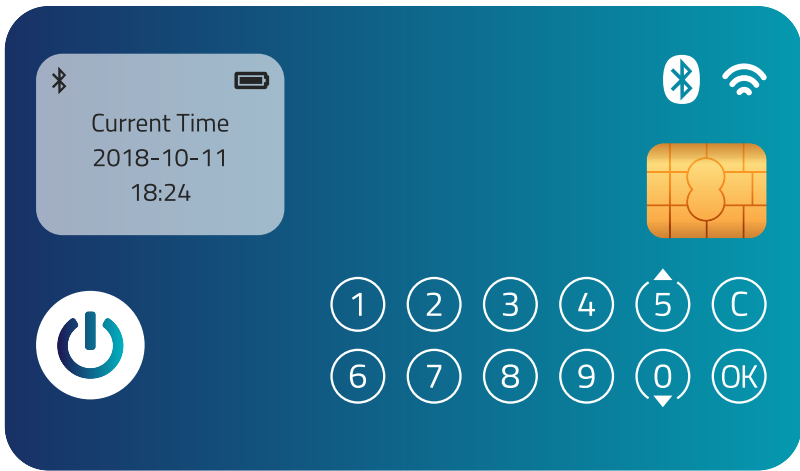
Blue

No Minimum Trading Volume

- 0.1% Trading Fees
- 0.05 Payout Factor
- 50% Referral Fees
- No Limit on Daily withdrawal
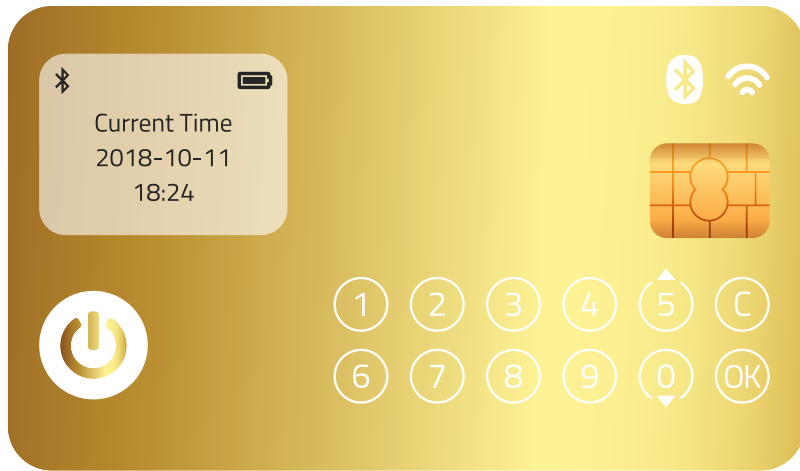
Gold

Minimum Trading Volume 50 BTC Annually

- 0.09% Trading Fees
- 0.065 Payout Factor
- 50% Referral Fees
- No Limit on Daily withdrawal
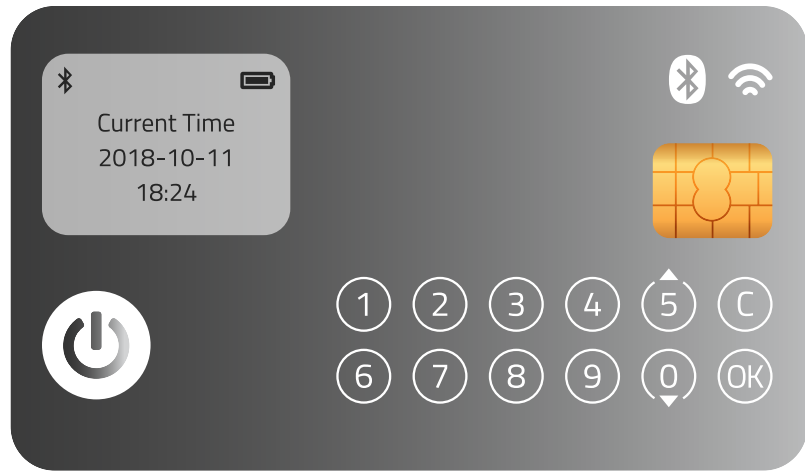
Platinum

Minimum Trading Volume 100 BTC Annually

- 0.08% Trading Fees
- 0.075 Payout Factor
- 50% Referral Fees
- No Limit on Daily withdrawal

BHAX Smartcard is proposed to be composed of an E-Paper Display (EPD) along with an EMV chip backed by Power and Option buttons to facilitate inputs or make selections. Through the EPD, users will be able to view account balances and employ QR codes for blockchain wallet addresses for enhancing Peer-2-Peer transactions. Option buttons will facilitate input of PIN codes and addresses for verifications and transfers.

3.1 TOKEN FILTER

Another tool BithashEX plans on extending to it's users for the ease of navigation is the meticulously filtered list(s) of tokens based on projects, sectors or businesses they are driven by. For example, if person A sees the potential of investment in Crypto-projects based on Artificial Intelligence (AI) then he can explore the comprehensive list of AI based Projects, along with their relevant rates and details at a single location for weighing investment opportunities.

3.3 REAL TIME TRADE DATA

BithashEx aggregator bot will automatically identify relevant and important Crypto-trading information for the community via real-time data feed that uses fast, accurate and reliable engines for data-vending. Data-vending in real time shows the number of participants in the market who are interested in buying or selling selection of Crypto assets.

3.2 AI ALGORITHMS ASSESSING PRICE MOVEMENTS

BithashEx aims to employ advanced AI algorithms and Machine Learning tools, along with competitive 'bot-techologies' to automatize the Exchange feed and analyse/detect unusual movements of token prices on the Exchange. This will not only simplify and streamline user experience but become a driving force behind the adoption of BithashEx.

For instance : implementation of Sentiment-Analysis bot for examination of the Social Networking Sites for recording the sentiments of masses towards various tokens listed on the exchange and providing a concise non-advisory account of such trends or price movements to other Users so they can make informed decisions while trading on the BithashEx platform. Users can then take advantage of Stop Loss setting where traders can set multiple-points of Stop Loss and choose the percentage of tokens they wish to sell at each point.
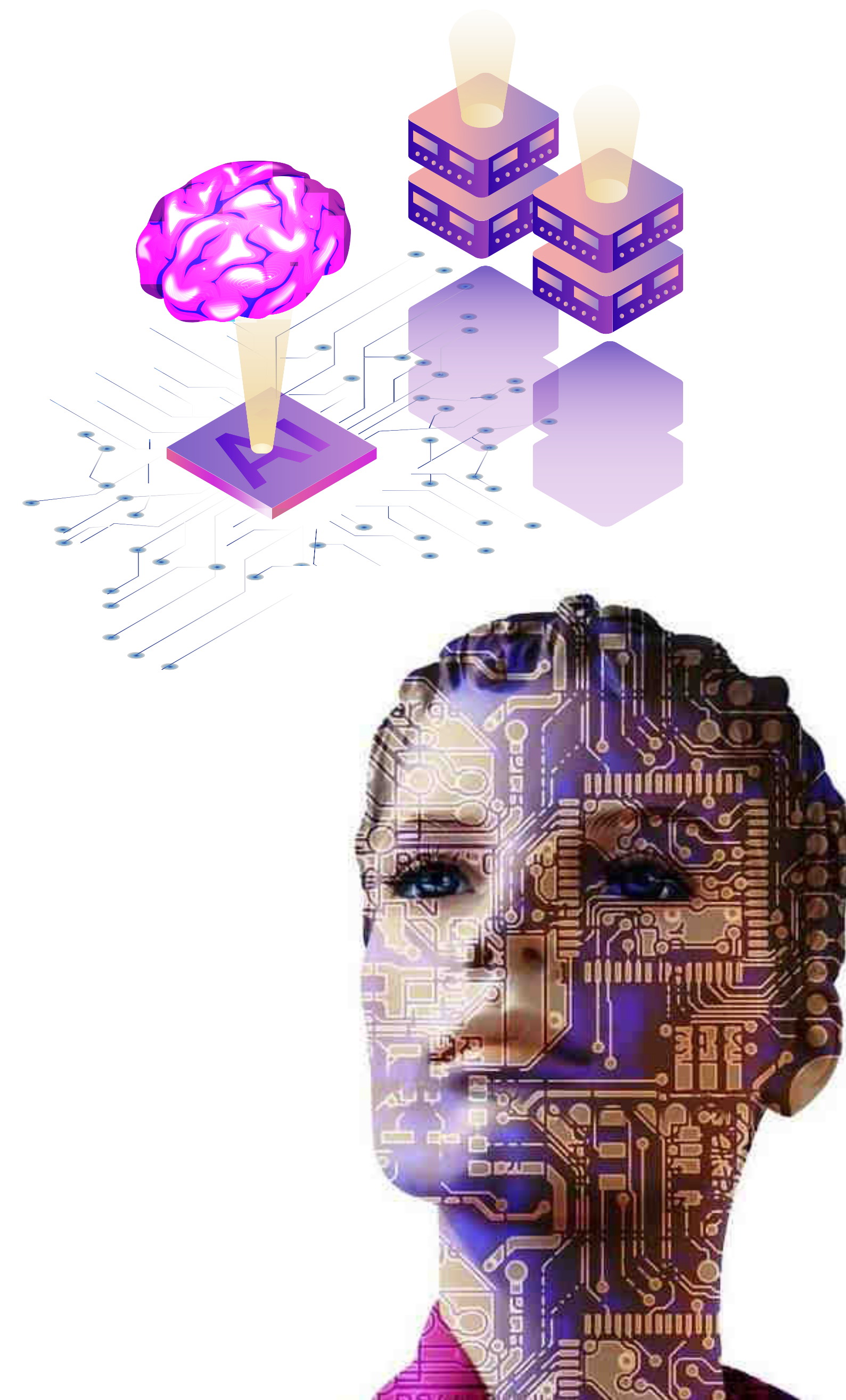
3.4 LIQIUDITY CONTROL FOR ENHANCED RETURNS

Crypto tokens are often unable to be immediately traded in exchanges post-ICO. A low liquidity of tokens means the Spread is large and reduces the token's value, along side the ROI for the investors. No wonder this has caused sever skepticism amongst the Investing organizations with context to putting their funds into ICO ventures. This issue can be resolved by ensuring Liquidity of Tokens.

BithasEx targets to execute the following mechanisms to ensure Liquidity of Tokens :

Price appreciation

Buybacks

Incentive

3.5 UNIVERSAL COLD WALLET

BithashEx's Universal Cold wallet aka cold storage is a digital offline hardware wallet that stores sensitive data (private keys) and financial values on a platform which isn't connected to the internet, as a result of which, the wallet is protected from unauthorized access, phishing, hacking and other cyber vulnerabilities conducted via in-ternet. It's the easiest way to securely store tokens, es-tablish backup options and reduce marginal errors.

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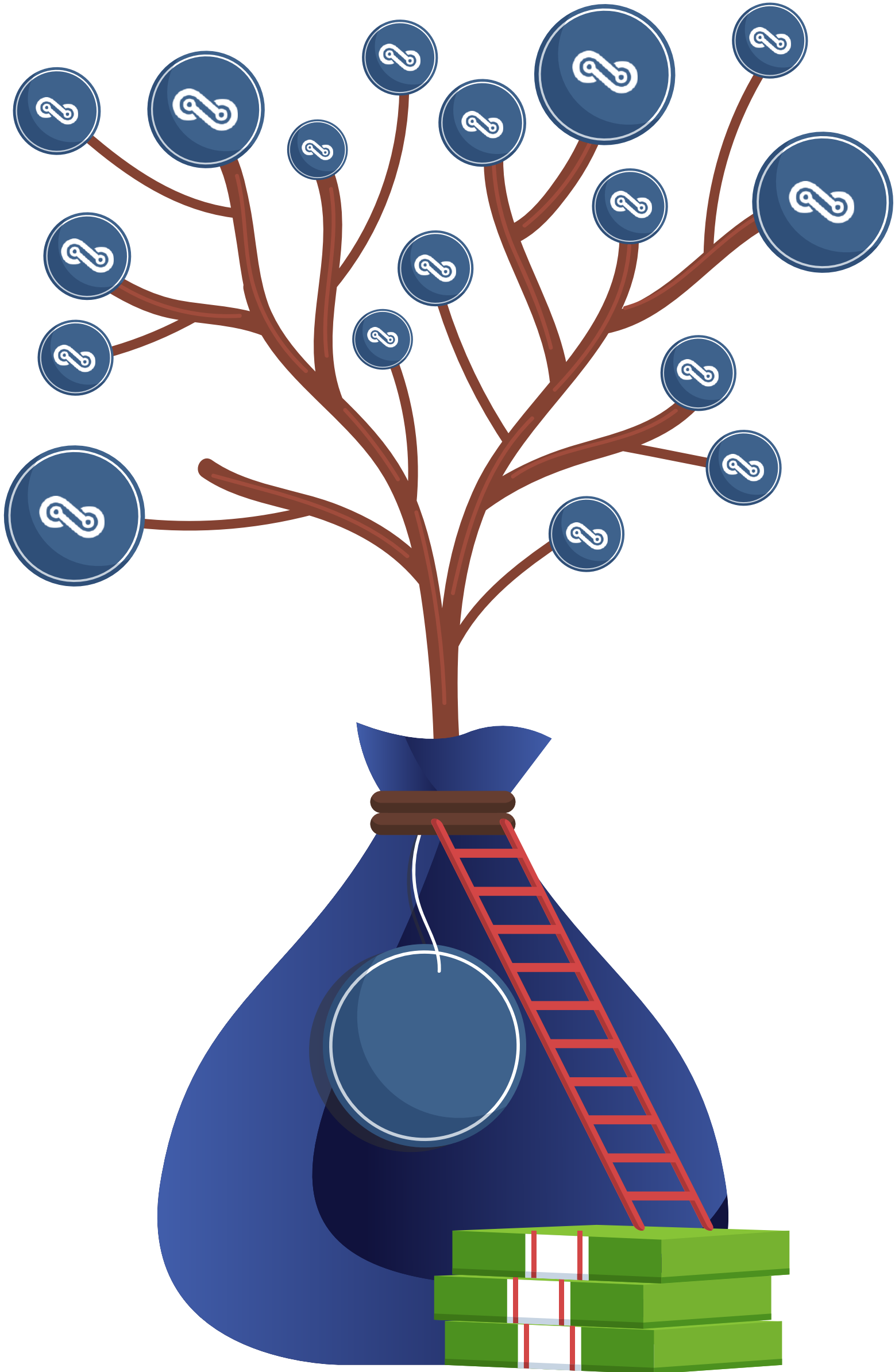
3.6 TRADING MATERIAL ON FOREX AND CRYPTO

According to Goldman Sachs, ICOs and Crypto-token Sales are outperforming conventional venture fundings. There has been an explosion in the growth of Crypto-based start-ups and fund-raisings via ICOs (Initial Coin Offerings) or ITOs (Initial Token Offerings). There is no shortage of investors into these initiativs. Close to $6 billion was raised in 2017, with a record $1.2 billion in December alone. These makeup for the most attractive modes of rasising capital since roadblocks to entry for these types of fundraising are very low. But only a marginal section of the population has explored these ventures. The major reason for this, is the lack of informed directives for the Crypto-trading mechanisms.

BithashEx plans on encouraging large-scale implementation of trade in Digital Assets across the world for creation of one Big Global Crypto Community via provision and easy deployment of crypto-training tools, prototypes, mentorships and other curated instructional instruments to coach the novices or rookie traders into testing the waters of the digital currency exchanges and assets.

BITHASHEX - DASHBOARD PREVIEW

Bithashex

4

REVENUE MODEL

REVENUE MODEL

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4.1 EXCHANGE FEE

Our primary revenue stream will be a nominal trading fees collected from the buyers and sellers registered on the platform. A Maker is a trader who creates a new order on the exchange that does not match an existing order. A Taker is a trader that matches against Makers. To increase liquidity on the exchange, Makers will be incentivized further according to the trade they wish to create. Initially we plan to charge a minimum fee of 0.05% to attract users with an early bird offer and would later use reducing method of fees to charge as below (based on a weekly transaction volumes).

Below is the fee structure for ten of the top crypto exchanges, most of these exchanges charge fees between 0.10% to 0.25% of the transaction value. However, to compete with these exchanges our fees are minimal.

Fees Type/Exchange	Makers' Fee	Takers' Fee
Binance	0.10%	0.10%
OKEX	0.10%	0.15%
Huobi	0.20%	0.20%
Bithumb	0.15%	0.15%
Bitfinex	0.10%	0.20%
HitBTC	0.01% Rebate	0.10%
ZB.com	0.20%	0.20%
Bibox	0.10%	0.10%
LBank	0.10%	0.10%

4.2 MARKET MAKING & LIQUIDITY FEE

Exchanges Working Differently On Maker Fees	
HITBTC	Paying Rebate of 0.01% for makers instead of charging them fees, this creates liquidity
BITFINEX	Reducing method for maker fees
COINBASEPRO	Charge 0.25% as taker fees & 0% fees for makers

Our market-making algorithms are designed keeping in mind the liquidity hedging aspects. Liquidity is important as investors and traders want to see their trade executed in an acceptable time frame.

Our system intelligently monitors the whole order book and listed trading pairs in real-time, with notifications on pairs, which are facing any liquidity concerns. In addition, we use high-frequency trading techniques to envisage emerging trends and create automatic bid-ask spreads to ensure that we have an edge over the market at any given point. The algorithm also compares rates of trading pairs available at other crypto exchanges and match them to ensure that our users always get competitive rates and our analytical team can devise strategies to gain from arbitrage.

Amount ($)	Fees (%)
Below 25K	0.12%
Between 25k to 50k	0.10%
Above 50k	0.08%

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4.3 DISCOUNT ON TRADING FEES

There will be a discount structure in place to incentivize users to increase their holdings of BithashEx tokens and thus fuel the ecosystem's economy.

Tier 1: Users with 25k USD worth of tokens will get their trading fee reduced to 0.1%.

Tier 2: Users with 25k to 50k USD worth of tokens will get their trading fee reduced to 0.08%.

Tier 3: Users with more than 50k USD worth of tokens will get their trading fee reduced to 0.06%.

-0.1%

-0.08%

-0.06%

1.

2.

3.

Users with more than **25k** USD worth of tokens

Users with more than **25k - 50k** USD worth of tokens

Users with more than **50k** USD worth of tokens

4.4 LISTING FEES

To cater to needs of various crypto enthusiasts, it is imperative that we have a large number of currency pairs tradable digital assets listed on the exchange. We will work closely to onboard promising projects and tokens on the exchange. Anyone, either proj - ect owners or community members are free to submit a proposal to list their tokens. After due diligence and monitoring the token response on other exchanges, BithashEX will list tokens.

The listing fee may vary depending upon:
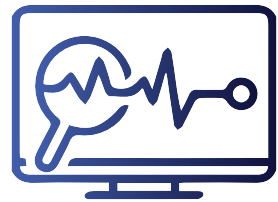
Monitoring trading volume on other exchanges
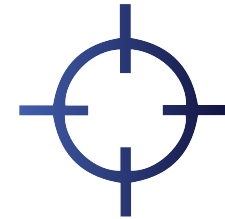
Scope of project

Communtiy
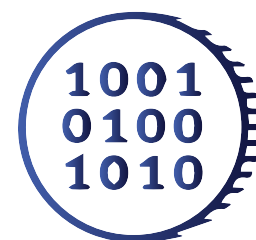
Token Value & Type

Listing fees collected include a token code audit by our team of engineers to ensure that no malicious codes or backdoors are injected into the token script by project owners, to protect our users. Should the tokens use private or customised blockchain, there will be additional fees for wallet integrations. Tokens that are based on Bitcoin Protocol such as Omni Layer or blockchain platforms such as Ethereum and Stellar will be supported by default once launched.
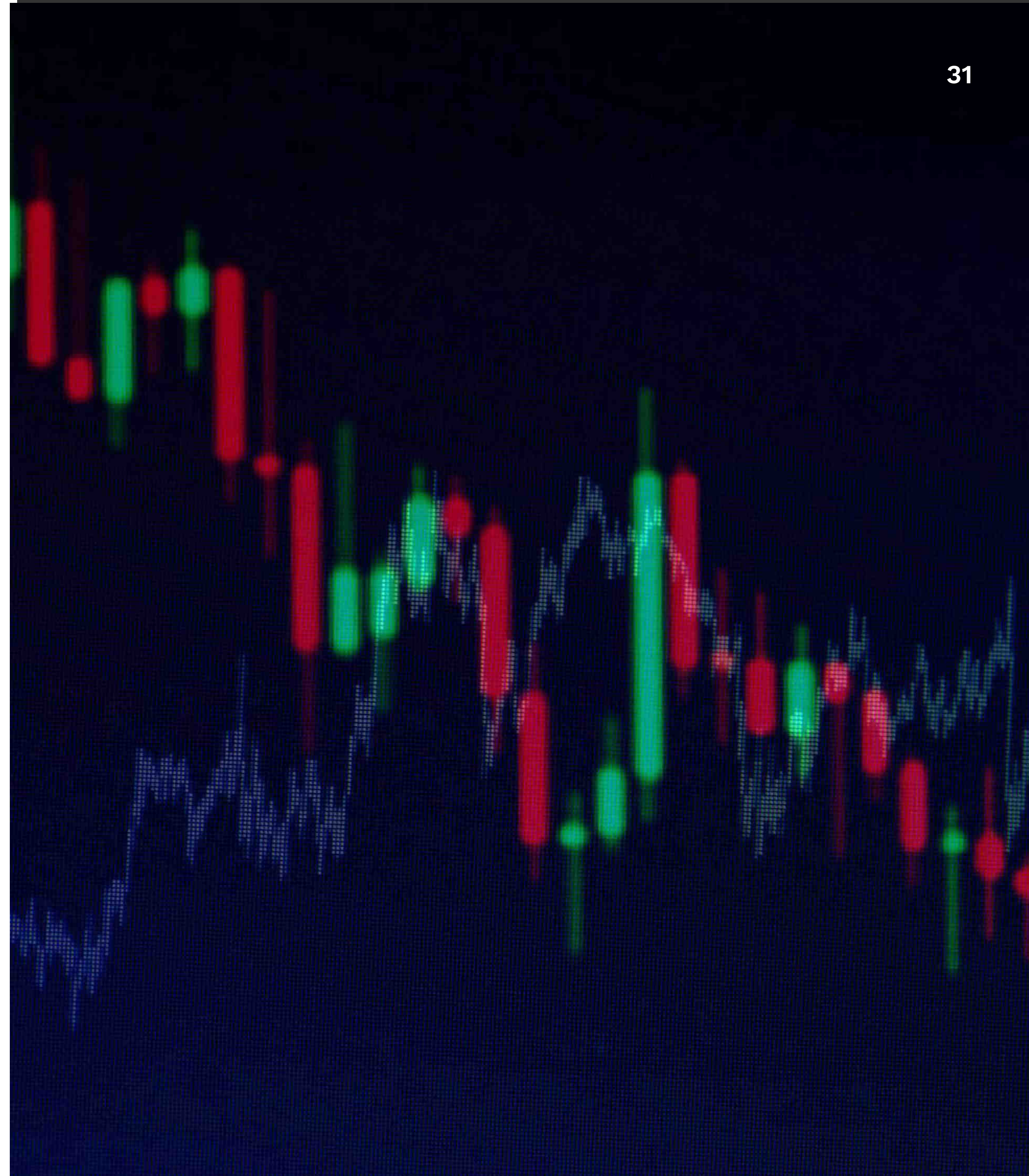
4.5 P2P LENDING

As a P2P Lending platform, BithashEx will allow borrowers to list their loan proposals and investors to explore investment opportunities, thus creating a new layer of transparency in the whole process. Additionally, the borrowers and the lenders on the platform enter a smart contract with one another to minimize the risk.

For the transfer of funds, borrowers and investors bypass traditional banks as funds are deposited in the eWallets of the parties looking for loans. Bypassing the restrictions of fiat currencies and standard lending channels allows any individual in the world to receive a loan via the blockchain platform. Given that traditional wire transfers are costly and not always easy to set up, blockchain technology allows approved P2P borrowers to receive funds almost instantly, wherever they may live and whether or not they have a bank account.

All obligations towards its member are defined in the Terms and Conditions and agreement between the Platform and Customer. BithashEx OÜ makes every effort to ensure the information on each published opportunity would be accurate, specific and adequate for making a proficient decision.

Deposits the cryptocurrency

Deposits fiat funds

Gets a loan at once, up to 70% of the market value.

This process can be easily automated.

Repayment of the loan

Borrower

Lender

Gets the crypto-collateral back in full

Gets the money back, including the interest

Bithashex
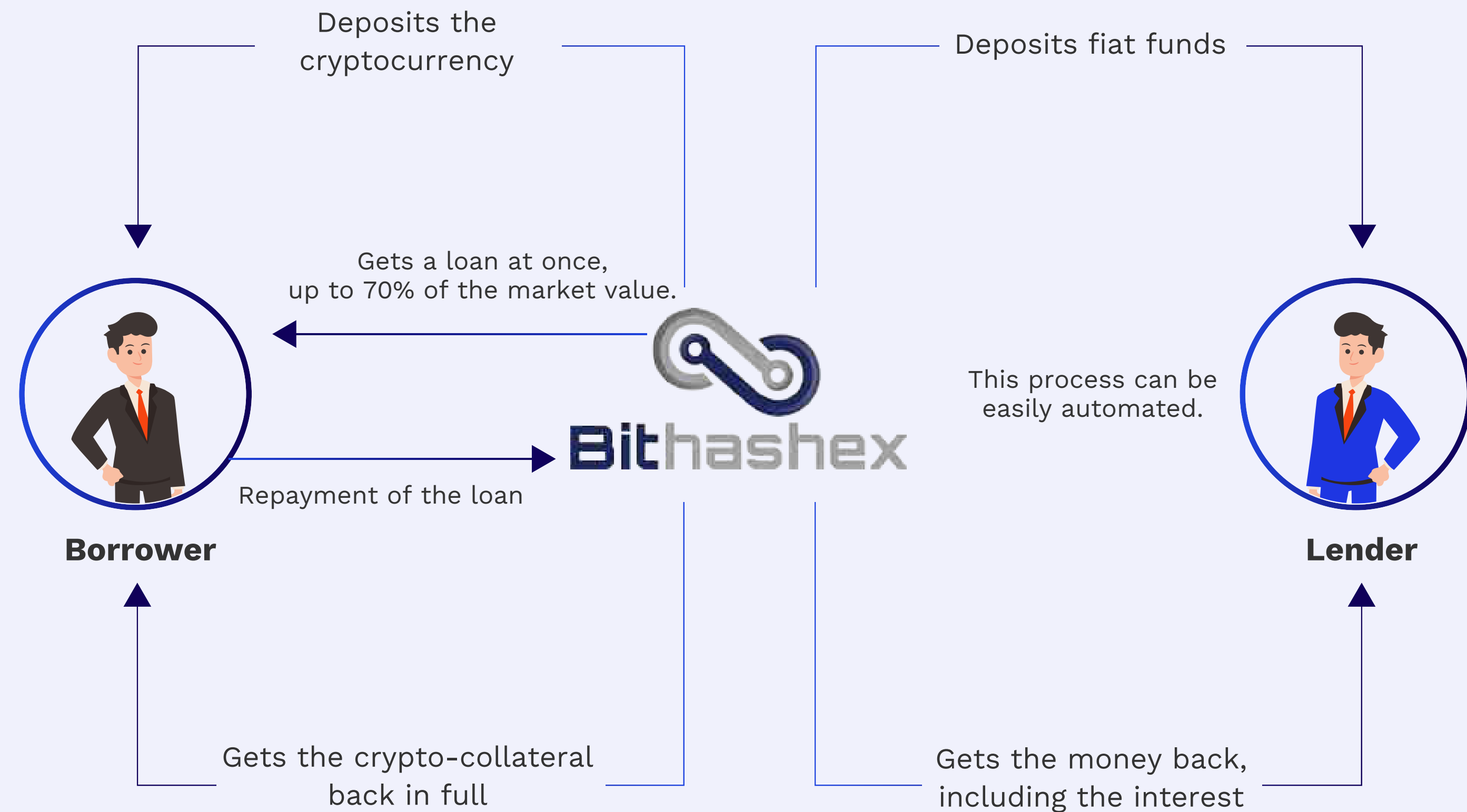
5 TOKEN DISTRIBUTION

Bithashex

TOKEN OFFERING

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BHAX is a utility token, approved and regulated by the laws of Estonia. Our tokens can be used to trade in cryptocurrencies as an internal currency. The total number of tokens available would be 5 billion, with an initial token price of USD 0.05. The price of tokens will be based on demand and supply.

Soft Cap -- $20 million
Hard Cap -- $50 million
Total tokens -- 5,000 million tokens

Token Offering phases:

1. **Private sales: pre-launch phase**

2. **Public sales: Open market sales, along with Airdrops**

3. **Exchange Listing for enhanced liquidity**

Bithashex
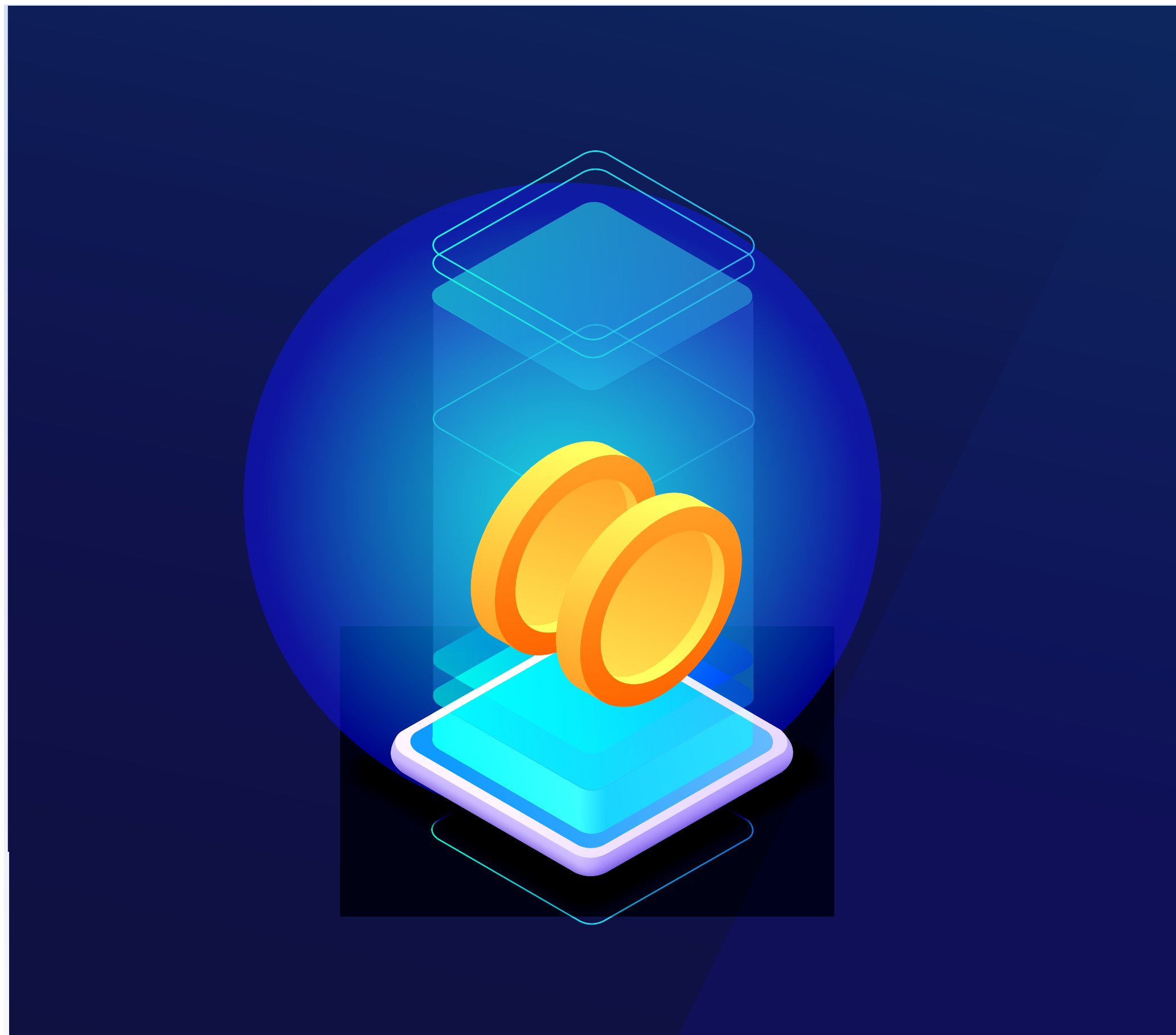
TOKEN DISTRIBUTION

BHAX utility token is based on Binance Smart Chain's BEP 20 standard with interchain transfer abilities. We have a total BHAX token supply of 5 billion and such tokens will not be mintable. Furthermore, the coins would be burned every quarter to reduce the tokens in circulation and maintain consistency of upward trend in the price.

We have chosen Binance Smart Chain as its an independent but complementary system to the existing Binance Chain. Dual chain architecture is used, which enables users to seamlessly transfer assets from one blockchain to another and eases the interoperability for users who often want to trade their assets from one blockchain to another.

20.00%
Presale ICO & Public Sale

6.00%
Community

17.80%
Founders & Stakeholders

5.00%
Team & Advisors

20%
Staking & Bounty Three Years

15.00%
DEV & Marketing

16.20%
Escrow & Reserve

6

MARKETING

MARKETING

Below mentioned marketing schemes are for reference purposes only and can be changed as per the market dynamics. We will update any such changes and detailed rules for every activity on our official website, applications and social media channels form time to time.

6.1 PRE-LAUNCH OFFERS

Invest now and get an instant 50% less than the Listing price of $10. This ensures that early investors in our project get **high RoI** as soon as token is listed on public exchanges.

6.2 REFERRAL SCHEMES

To build an active community and sharing some of our profits with the community, we will be running refer and earn schemes. In the first phase, all verified users will get a referral code and link which they can share with friends. Both the referral creator and referred friend would get a signup bonus and different payouts, as per the transactions made, in form of our free tokens.

REFER A FRIEND

6.3 AIRDROPS AND BOUNTY CAMPAIGNS

—————

Apart from the above mentioned activities, from time to time we will be announcing airdrop and bounty campaigns to promote our tokens and platform for community building. Such airdrops & bounties would be time bound and there will be predefined number of tokens allocated to such campaigns. Bounties and airdrops would give an enormous bonus apart from the price discounting. For example, during the airdrop campaigns, we may offer a bonus of 200% tokens instantly.

6.4 SOCIAL MEDIA CAMPAIGNS

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We will use all leading social media platforms to spread our reach and build strong, active community and run various offers, key platforms:

Twitter

Telegram

Facebook

Whatsapp

Instagram

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ROADMAP

Bithashex

Phase 1

Jan
2021

- Website Launch
- Account Creation
- Enabling Deposits
- First Airdrop Launch
- Building community
- Referral system

Phase 2

May
2021

- Launch of BHAX Tokens
- Security testing
- KYC & AML
- Finalizing Admin Panel

Phase 3

July
2021

- IEO launch
- Listing on Exchange
- Cold wallets implementation
- Withdrawal process
- Account history
- Cross-chain capability

Phase 4

Phase
4

- Android & iOS - 3 months
- Increase No. of transactions to 1Mil per sec - 1 month
- Bank Accounts for fiat - 1.5 month
- BOT Trading Module - 1.5 month
- Support Desk - 2 weeks
- ICO Fund Raising - 8 month approx.

Phase 5

Phase
5

- AI&ML Trade recommendation and risk engine Deep Learning
- Remittance Module
- Lending Module

Phase 6

Phase
6

- Launch of Smart Card
- BHAX Matrix

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OUR TEAM

Bithashex

OUR KEY TEAM MEMBERS

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Jafar Safari
CEO & Founder

Jafar Safari, is the CEO and Founder of Bithashex OÜ and Money Globe Financial Group and has nearly two-decades of ripe expertise and dexterity in managing Global remittances. Jafar, with the main aim of streamlining the processing and trading of Digital Assets on Exchanges, have devised the BithashEx Platform to provide a sustainable environment for crypto-aspirants cohesively. An esteemed member of – National Crwodfunding and Fintech Association (NCFA) and Association of Fiancial Professionals (AFP) Vancouver, Jafar has ceaselessly worked towards improving the user experience and enhancing the financial portfolios offered to clients.

Mohit Sirohi
Technical Director

Mohit Sirohi is the Tech Director of Bithashex OÜ and CEO and Founder of Vegavid. An alumni from elite technical institute of Indian Institute of Technology (IIT Bombay), Mohit has rich expertise in development of innovative user centric solutions entailing latest technological enhancements.

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OUR KEY TEAM MEMBERS

Carmen Celeste

Cyber Security And Threat Hunter

Carmen Celeste, a connoisseur in Information and Cyber Security has unrivaled experience of 25 years in development and improvisation of information security policies and standards based on ISO 27000 NIST, COBIT and ITIL. Carmen has contributed significantly towards defending IT infrastructure, networks and data; and preventing data breaches and malicious intrusions by setting up customized Disaster recovery plans. Cameron has assisted enterprises across the Globe in monitoring identity and access management systems, keeping close surveillance of issues associated with network and application performance and periodic on-premises as well as in-cloud comprehensive vulnerability assessments.

Ali Jafari

Accounting Manager

Over half a decade of robust experience, Ali has rendered invaluable services to numerous Indigenous and Multi-national organizations and helped them undertake informed decisions to achieve amped up financial growth over the years. Proficient in Full cycle AP/AR accounting, Banking, SAP FI module, QuickBooks, Sage Accounting and MS office, Ali owing to his persistent determination and unque nchable work drive, has received several accolades for his countless efforts. HUAWEI Technologies Co. Ltd (Middle East) has recent ly acknowledged his contributions for being one of the most valuable assets of the division.

Bithashex

OUR KEY TEAM MEMBERS

Faizan Khan

CSR and Web Support

An adept Computer Engineer, Faizan has assisted many organizations with sound analytical judgements and assisted them in scaling of their digital products internationally, with special context to RFID and Internet of Things. He also has remarkable experience in provision of customized commercial solutions to organizations across the globe for efficient realization of their P&L, Growth, Sales, and Distribution Policies.

Akshay Arun Bapat

Technical Consultant

Akshay Arun is an accomplished Technical Consultant working in the field of Computer Science with core focus on targeted Big Data and Machine Learning applications.

An alumni of elite Indian Technical Institution- IIT (Bombay), Arun believes in continuously enhancing one's aptitude. Currently, he is pursuing Ph.D. in Computer Science from the University of Toronto.

OUR KEY TEAM MEMBERS

Dhananjana Joshi (DJ)

International Marketing Manager

Dhananjana has a degree in MBA with core specialization in International Business from one of the Top Management Universities in India. She has remarkable experience in working with Clientele across all major Global Markets, including- USA, UK, Canada, Australia, Russia, GCC etc. She has developed synergistic Marketing plans for companies from IT, Pharmaceuticals, FMCG and Healthcare Sectors and contributed significantly towards attainment of their cost and profit optimization goals. Staying au courant with the tide of global technical evolution, DJ has benefacted innumerous enterprises with macro adaptation of Blockchain Technologies in order to enhance their international competitive advantage.

Nauman Abuzar

International AML Auditor

Nauman is a compliance, audit and accounts professional with more than 12 years of global experience across the Remittance, Cross-Border Payments, Money Services Business (MSB), Foreign Exchange, Cryptocurrencies, FinTech, Non-Profit Organizations & Financial Service Sector.

He is holding an ACCA certification as well as a Graduated Master's and Bachelor's Degree and have held leadership positions in different companies specializing in compliance, auditing, and accounts as a Chief Compliance Officer, Head of Compliance, Regional Compliance Officer, Manager Internal Auditor & Controls, Senior Auditor, Internal Auditor, and Accountant.

His broad background includes regulatory compliance, operational compliance, AML/CTF/KYC compliance, design and implementation of the compliance process, oversight programs, policy developments, enhancement of operations, training programs, internal audit projects, accounting, and internal controls review.
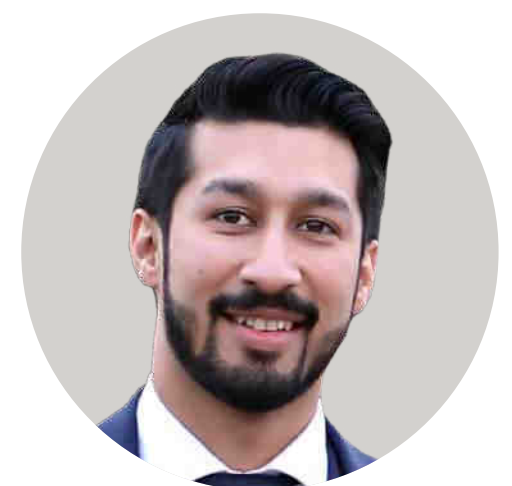
OUR KEY TEAM MEMBERS

Adrien Marchand

Director

Adrien Marchand is the director of Bithashex OU. After gaining expertise in the Legal and banking sector in Crédit Mutuel Arkea in Paris, now, Adrien is managing and directing the AML and personal data compliance division of Bithashex. Adrien ensures that compliance is duly applied and that the team is up to date with all the evolutions in regulation. He has been a part of the team of several cryptocurrency projects in Europe, before eventually fulfilling an ambition by raising up to Bithashex's management chair.

Bithashex

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LEGAL AND FORWARD-LOOKING STATEMENTS

8.1 GENERAL INFORMATION

The BHAX token for sale does not have the legal qualification of a security, since it does not give any rights to dividends or interests. The sale of such tokens is final and non-refundable under any circumstances whatsoever. Such tokens are not shares and do not give any right to participate to the general meeting.

BHAX Tokens cannot have a performance or a particular value outside our network, hence these tokens are not to be used or purchased for speculative or investment purposes. The purchaser of tokens is aware that national securities laws, which ensure that investors are sold investments that include all the proper disclosures and are subject to regulatory scrutiny for the investors' protection, are not applicable. Anyone purchasing our token expressly acknowledges and represents that she/he has carefully reviewed this whitepaper and fully understands the risks, costs and benefits associated with the purchase of the token.

8.2 GENERAL KNOWLEDGE

The purchaser of BHAX Token undertakes that she/he understands and has significant experience of cryptocurrencies, blockchain systems and services, and that

she/he fully understands the risks associated with the crowdsale as well as the mechanism related to the use of cryptocurrencies (incl. storage) in their respective geographies. Bithashex OÜ shall not be responsible for any loss of tokens or situations making it impossible to access their tokens, like loss of passwords or any other actions which may result from any actions or omissions of the user or any person undertaking to acquire such tokens, as well as in case of hacker attacks.

Identification of our users is related to the new anti-money laundering regulations. Our company managed to keep our sign-up processes short and simple, and we have based our current user identification process on the information provided by the user himself as well as on the data collected during funds transfer transactions. We kindly ask You to read the Privacy Policy and accept the Conditions of use. After that in verification environment (in Your account) You will have to take a picture of Yourself and the front back of the document (and if necessary, a picture of You holding the document)" While such platform us Bithashex has been around for a while, it is still somewhat unregulated area in most EU countries and the future rules are still work in progress. Some of our services in the future may fall under the jurisdiction of the current European Payment Services Directive

(PSD2), which means the crowdfunding platform's payment services should be licensed by the Financial Supervision Authority. Different countries are interpreting its contents differently. For instance, Estonia has is considering the operations of the "client account" to fall under the exemptions of the PSD2 directive and therefore not being subject to payment institution license.

8.3 RISKS

Acquiring BHAX Tokens and storing them involves various risks, in particular the risk that Bithashex OÜ may not be able to launch its operations and develop its blockchain and provide the services promised. Therefore, and prior to acquiring tokens, any user should carefully consider the risks, costs and benefits of acquiring such tokens in the context of the crowdsale and, if necessary, obtain any independent advice in this regard. Any interested person who is not in the position to accept or to understand the risks associated with the activity (incl. the risks related to the non-development of our platform, or licenses to operate) or any other risks as indicated in the Terms & Conditions of the crowdsale should NOT acquire our tokens.

8.4 DISCLAIMER

Bithashex OÜ is not to be considered as advisor in any legal, tax or financial matters. Any information in the whitepaper is given for general information purpose only and Bithashex OÜ does not provide with any warranty as to the accuracy and completeness of this information. Given the lack of crypto-token qualifications in most countries, each buyer is strongly advised to carry out a legal and tax analysis concerning the purchase and ownership of our tokens, according to their nationality and place of residence.

Bithashex OÜ today is not a financial intermediary according to Estonia Law and is not required to obtain any authorization for Anti-Money Laundering purpose. This qualification may change in case Bithashex OÜ will offer services which are to be considered as qualifying a financial intermediation activity. In this case, the use of Bithashex OÜ services may require the positive conclusion of an AML/KYC identification process.

BHAX Tokens confer no direct or indirect right to BITHASHEX OÜ's capital or income, nor does it confer any governance right within Bithashex OÜ; a BHAX Token is not proof of ownership or a right of control over Bithashex OÜ and does not grant the controlling individual any asset or share in Bithashex OÜ, or in the Bithashex OÜ network. A token does not grant any right to participate in control over BITHASHEX OÜ's management or decision-making set-up, or over the Bithashex OÜ network and governance to the purchasers. Regulatory authorities are carefully scrutinizing businesses and operations associated with cryptocurrencies in the world. In that respect, regulatory measures, investigations or actions may impact BITHASHEX OÜ's business and even limit or prevent it from developing its operations in the future. Any person undertaking to acquire our tokens must be aware of the Bithashex OÜ business model, the whitepaper or Terms & Conditions may change or need to be modified because of new regulatory and compliance requirements from any applicable laws in any jurisdictions.

8.5 REPRESENTATION AND WARRANTIES

By participating in the crowdsale, the purchaser agrees to the above and in particular, they represent and warrant that they:

• Have read carefully the Terms & Conditions attached to the whitepaper; agree to their full contents and accept to be legally bound by them;

• Are authorized and have full power to purchase BHAX Tokens, according to the laws that apply in their jurisdiction of domicile;

• Are not a citizen, resident or entity operating in a country that does not allow cryptocurrency nor are they purchasing Bithashex OÜ tokens or signing on behalf of a such a person /entity, including but not limited to USA, India, South Korea.

• Live in a jurisdiction which allows Bithashex OÜ to sell BHAX Tokens through a crowdsale without requiring any local authorization and are in compliance with the local, state, and national laws and regulations when purchasing, selling and/or using such tokens;

• Are familiar with all related regulations in the specific jurisdiction in which they are based and that purchasing cryptographic tokens in that jurisdiction is not prohibited, restricted or subject to additional conditions of any kind;

• Will not use the crowdsale for any illegal activity, including but not limited to money laundering and the financing of terrorism;

• Have sufficient knowledge about the nature of the cryptographic tokens and have significant experience with, and functional understanding of, the usage and intricacies of dealing with cryptographic tokens and currencies and blockchain-based systems and services;

• Are not purchasing BHAX Token for the purpose of speculative investment or usage.

LEGAL AND FORWARD-LOOKING STATEMENTS

This updated whitepaper is for informational purpose only and does not constitute any legal relationship between viewers and Bithashex OÜ , or its affiliates or products. It is a working document that is subjected to review and changes.

No representations or warranties have been made to the recipients or its advisers as to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this whitepaper or any omission from this document or of any other written or oral information or opinion provided now or in the future to any interested party or their advisers. No representation or warranty is given as to the achievement or reasonableness of any plans, future projections or prospects and nothing in this document is or should be relied upon as a promise or representation as to the future. To the fullest extent possible, all liability for any loss or damage of whatsoever kind (whether foreseeable or not) which may arise from any person acting on any and opinions contained in this whitepaper or any information which is made available in connection with any further enquiries, any negligence, default or lack of care, is disclaimed.

Bithashex OÜ shall bear no liability for damages of any kind arising out of the use, reference to or reliance on the contents of this whitepaper. This whitepaper may contain references to third-party data and industry publications. As far as Bithashex OÜ is aware, the information reproduced in this Whitepaper is accurate and its estimates and assumptions are reasonable. However, there are no assurances as to the accuracy or completeness of those third-party information. Although information and data reproduced in this Whitepaper are believed to have been obtained from reliable sources, haven't independently verified any of the information or data from third party sources referred to in this whitepaper or ascertained the underlying assumptions relied upon by such sources. References in this whitepaper to specific companies, networks and/ or potential use cases are for illustrative purposes only. The use of any company and/or platform names and trademarks does not imply any affiliation with, or endorsement by, any of those parties.

As of the date of publication of this whitepaper, BithashEx Tokens have no known potential uses outside of the Bithashex OÜ Ecosystem and are not permitted to be sold or otherwise traded on third-party exchanges. This whitepaper does not constitute advice nor any recommendation by Bithashex OÜ, its officers, directors, managers, employees, agents, advisors or consultants, or any other person to any recipient of this paper on the merits of participation in the Bithashex OÜ Token Sale. Participation in the Bithashex OÜ Token Sale carries substantial risk that could lead to a loss of all or a substantial portion of funds contributed. This whitepaper must not be taken or transmitted to any jurisdiction where distribution or dissemination of this whitepaper is prohibited or restricted.

BithashEx business model does not require authorization from the FSA supervision due to it is operated as a crowdfunding platform. Considering the rapid growth of the crowdfunding industry, the establishment of some kind of regulation and licensing is highly probable.

LEGAL AND FORWARD-LOOKING STATEMENTS

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This whitepaper contains certain statements that are forward-looking, by their nature, subject to significant risks and uncertainties. Our forward-looking statements are based on information currently available to us about the business that we operate. Forward-looking statements may involve estimates and assumptions and are subjected to risks, uncertainties and other factors beyond our control and prediction. Accordingly, these factors could cause actual results or outcomes that differ materially from those expressed in the forward-looking statements. Any forward-looking statement speaks only as of the date of which such statement is made; we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events.

In addition to these, this whitepaper contains forward-looking statements related to Bithashex OÜ proposed operating model. The model speaks to its objectives only, and is not a forecast, projection or prediction of future results of operations. Forward-looking statements are based on certain assumptions and analysis made by Bithashex OÜ in light of its experience and perception of historical trends, current conditions and expected future developments and other factors it believes are appropriate and are subject to risks and uncertainties. Although the forward-looking statements contained in this whitepaper are based upon what Bithashex OÜ believes are reasonable assumptions, these risks, uncertainties, assumptions, and other factors could cause Bithashex OÜ actual results, performance, achievements, and experience to differ materially from its expectations which are expressed, implied, or perceived in forward-looking statements. Given these, prospective participants in this token sale should not place undue reliance on these forward-looking statements.
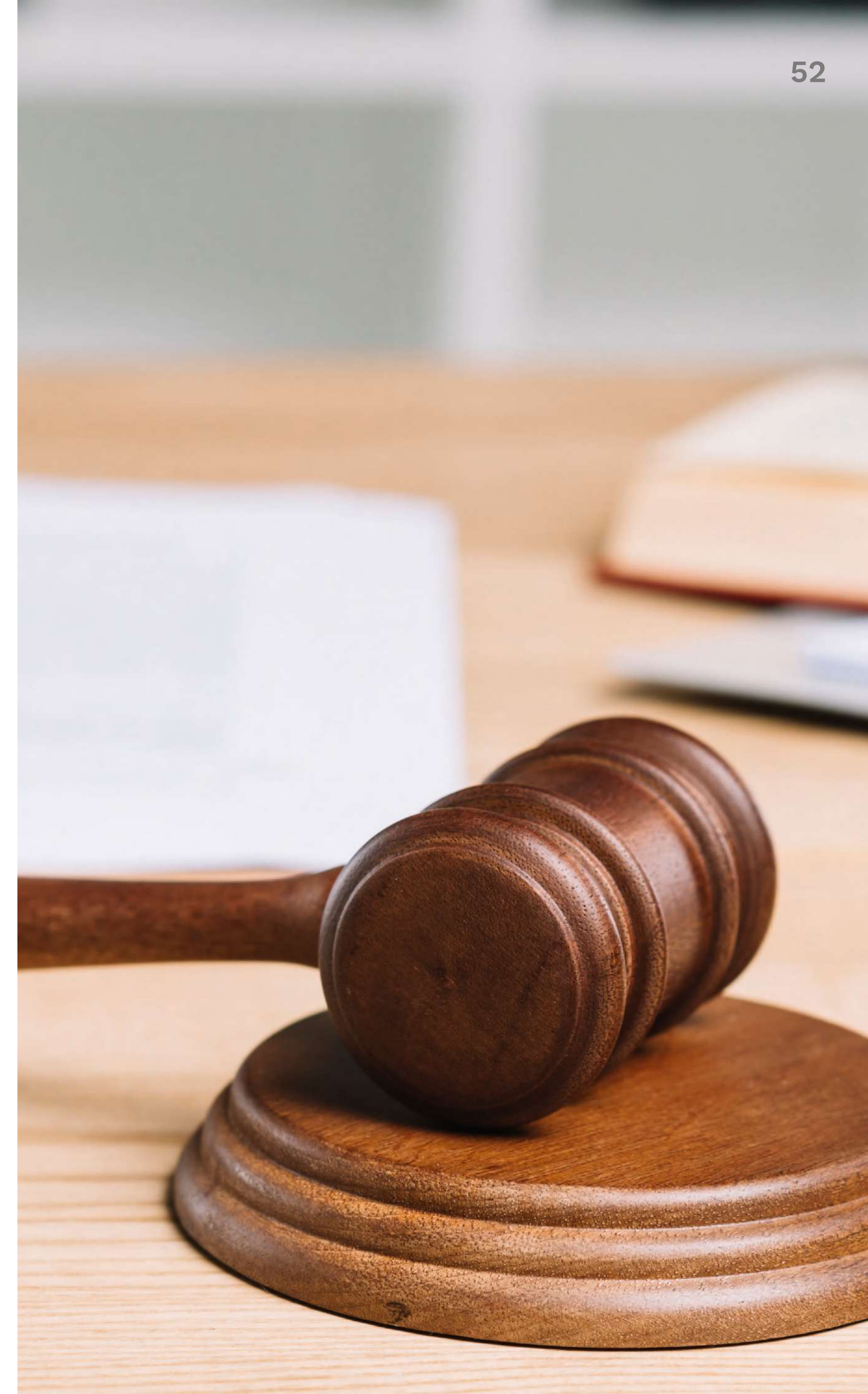
Bithashex

10 CONTACT

CONTACT

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https://t.me/bithashex