



WHITE PAPER OF EXENIUM CRYPTOCURRENCY EXCHANGE



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This is the White Paper of the Exenium multiplatform cryptocurrency exchange. Our platform is a marketplace for the sale and purchase of cryptocurrency with a comprehensive set of tools for managing a multi-currency investor portfolio.

The main goal of our team is to create a service that will meet all the needs of today's cryptocurrency market. The users of the Exenium platform will benefit from:

- An intuitive interface
- Listing and support of highly liquid assets
- Personal and financial data security

Exenium is a fully functional, ready to use product implemented as a chatbot (@exenium_bot). Our platform is adapted to the most widespread instant messengers in the world, including Telegram, WhatsApp, Facebook Messenger and Discord. Exenium Exchange is rapidly growing and constantly attracts users through the most efficient advertising channels.

Through the ITO (Initial Token Offering) it is possible to acquire the exchange's promotional token, XNT. One of the particular features of the token, is that its liquidity is guaranteed through a planned buy-back program with a 10% premium on its market price, with subsequent removal from circulation.

Introduction

The appearance of Bitcoin in 2009 generated demand for platforms where it would be possible to exchange cryptocurrencies. As it's commonly known, demand generates supply. Many successful projects such as OKCoin, Poloniex, Bittrex, Bitfinex, BTC China, Kraken, BTC-E, and Mt. Gox, are a confirmation of that.

However, many of these projects were forced to close due to low levels of financial and development maturity at the time, as well as the inability to withstand DDoS and hacking attacks. On top of that, they experienced significant legislative and regulatory issues.

The following is the current statistics for the largest exchanges:

Exchange	Volume / 24, BTC	Currency pairs
Bitfinex	52'322	52
Poloniex	49'405	101
OKCoin	14'349	2
Bitstamp	8'248	1
Livecoin	2'844	242

Data as of October 2017, about \$721 million in total after conversion.



In 2017, the largest boom in the cryptocurrency market to this date occurred, leading to the development of an entire blockchain industry ecosystem, and significantly improving the financial position of cryptocurrency exchanges. Currently, it is a sector with an enormous turnover, increasing its share of the financial operations market every month.

Key Issues of the ITO/ICO

Despite the massive hype surrounding ICOs (Initial Coin Offerings), close to 85% of the projects lack a Minimum Viable Product at the crowdsale stage. The figures shown in the projects' roadmaps seldom reflect the real state of affairs, which is why investors are increasingly starting to call ICOs a "bubble".

This means that investors are contributing funding to a regular startup, in a high risk deal. Even blockchain technology does not guarantee the safety of their investment.

Another problem is directly related to the liquidity of the new tokens. Today, cryptocurrencies are so popular that there are new digital coins appearing every week, and their number has long surpassed one thousand. However, during the first week of trading, 99% of all tokens fall in price significantly due to an excessively high supply and low demand.

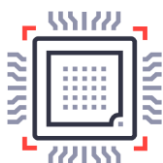
How Exenium solves the issues of the ITO/ICO

Exenium is a multi-platform cryptocurrency exchange, a marketplace to buy and sell cryptocurrencies. Exenium's goal is to provide liquidity to its own token. Token holders will be able to pay for all services of the Exenium platform, with the spent tokens being withdrawn from circulation i.e. "burned". This will provide an intrinsic mechanism for the increase of the token's capitalization, as well as the ability to influence the price of the token throughout the entire period of circulation, with little regard to the behavior of traders.



Problems faced by Cryptocurrency Exchanges

Currently, there many difficulties encountered by the participants of the cryptocurrency market, such as:



DDoS attacks and unstable service;



Hacker attacks and insider leaks;



Steep learning curves for trading platforms and their tools;



Poor quality or complete lack of customer support;



Regulatory policy issues and cryptocurrency exchanges operating outside of a legal framework.

All of these issues repel potential partners and investors in the initial stages of cooperation. However, Exenium has a solution for each and every one of these issues.

How is the Exenium team solving these problems?

1. The Exenium Platform is able to withstand DDoS attacks of any length. It can process up to 10000 order creation requests per second, with an unlimited amount of simultaneously connected users. The core of the platform is hidden behind the messenger interface, meaning that Exenium maintains stability under any kind of load.
2. The platform has successfully passed a rigorous stress testing process for the security of the servers.
3. Exenium has an intuitive and easy to use interface. Users are free to choose the instant messenger of their preference to work with the exchange interface, be it Telegram, Facebook Messenger etc.
4. We provide 24/7 technical support, responding to each customer inquiry directly through the messenger chosen by the user. A successful ITO will enable us to expand our customer support staff and add more languages, so that no clients are left without an answer, and no potential revenue is lost.
5. Exenium is fully compliant with the AML and KYC requirements imposed by exchange regulators. Operations with fiat money are performed through a full license obtained from the relevant entity.



The Exenium Platform and its features

Exenium is not just a platform for buying and selling cryptocurrency, it also contains a full set of tools for fund managers, working with a multi-currency crypto portfolio.

Our main goal is to create a service that meets all the needs of the modern cryptocurrency market, specifically:



User-friendly and familiar platform interface



Listing and support of highly liquid assets



Full protection of personal data and money

Exenium's modern and secure set of features allows it to achieve this goal.

Our platform consists of the following modules:



Wallet Module for holding cryptocurrency and fiat, allowing transfers to users within the exchange, as well as directly to the messenger account.



Trading module providing the ability to create orders and exchange currencies.



Affiliate program, where each user is given access to a personal referral link, with the ability to track partner rewards.



ICO/ITO Module consisting of a set of tools for conducting Initial Token Offerings for our exchange, and various utility tokens of other projects.



IMS-Investment Management System Module providing a toolset for investment funds to manage multi-currency portfolios.



Statistics Module collecting data to keep track of funds in deposit accounts, number of open and closed orders, trading volume for each currency pair, and Top-5 best tickers.

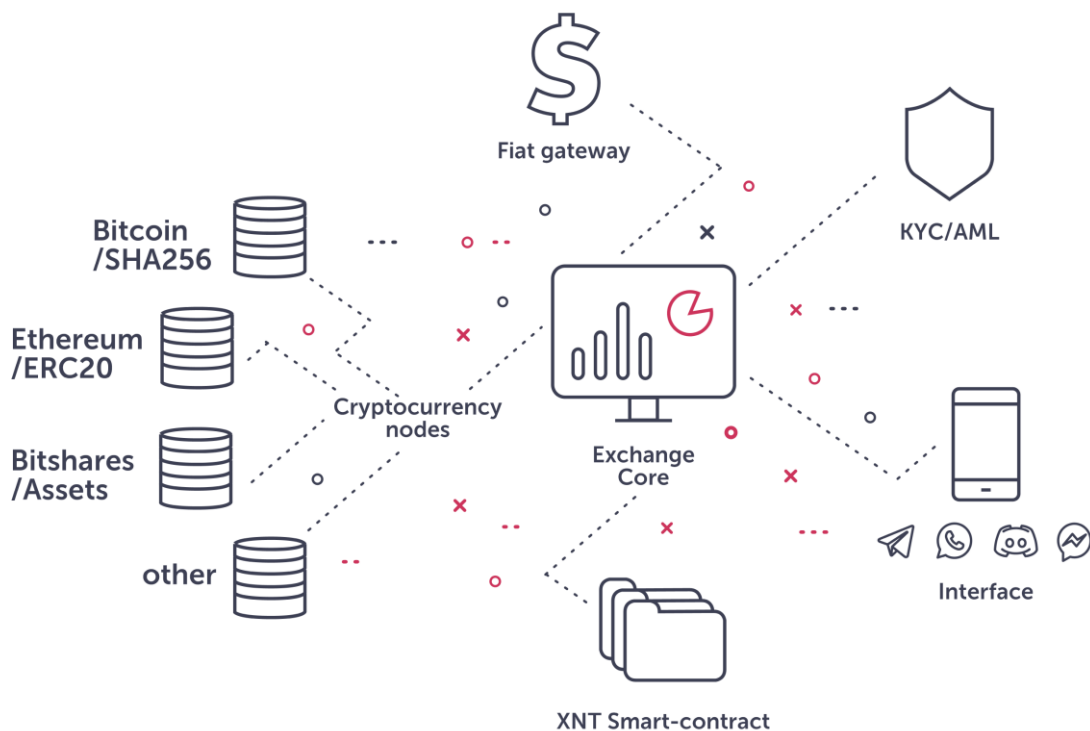


Verification Module for AML and KYC compliance.



Payment System Module for providing fiat gateways

Scheme of the platform architecture:



Our team is constantly at work to support and develop the platform, adding new features and improving already existing ones, as well as attracting new customers through the most effective advertising channels.



How Exenium generates revenue

Our platform has multiple sources of revenue:



Trading Commission fees. The dynamic fee minimum for order closing trades (market-takers) is 0.2%. The exact amount depends on the status and monthly volume for the user.



Deposit and Withdrawal fees. The largest source of profit, the fee amount directly depends on the the commission fees of the payment system.



Token Listing fees. Inclusion of new tokens in the list of tradable assets.



Ticker Placement fees. A token ticker can be placed in the Top-5 statistics on a paid basis.



ITO sale services. We provide token pre-sale services within our platform.



Investment Management service. Payment for the use of tools for portfolio management carried out by investment funds, either in the form of a percentage fee or a fixed monthly payment.



Trader Status fees. By acquiring different trader statuses, each Exenium user can increase the limits on withdrawals, obtain a higher customer support priority, and lower trading fees.



Exenium Token (XNT)

XNT is a digital token created for the purpose of promoting the Exenium Exchange. A legal review conducted by our legal department ensures the full compliance of the Exenium Token to new regulatory requirements on conducting Initial Token Offerings.

Our legal team is fully confident in declaring that XNT tokens are not securities, and are not required to be registered as such.

XNT is a utility token.

How will Exenium guarantee token liquidity?

The XNT Digital Tokens will be accepted by Exenium for the payment of new token listing, ITO campaign conduction, internal exchange services, and trader status acquisition.

Each Exenium Token spent by a user will be removed from circulation, i.e. "burned". Paying with tokens within the system will be advantageous, since the user will receive an additional 10% value to the exchange rate at that moment. The use of XNT to pay for the exchange's services will be more beneficial than any other fiat or crypto currency.

Exenium Exchange will focus on increasing the trade volume, price and market capitalization of its own token. For this purpose, we will increase the amount of XNT trading tools. When listing new tokens, the XNT/NewToken currency pair will benefit from preferential treatment. Considering the projected growth of trading operations, this approach guarantees the increase in demand for the XNT digital token.



Exchange growth forecast

Revenue source	6th month	9th month	12th month	15th month
I/O FEE	10'000'000	+5'500'000	+6'000'000	+10'000'000
Order FEE	7'000'0000	+4'000'000	+5'000'000	+7'000'000
Listing	-	-	3'600'000	+1'200'000
TOP10	-	-	1'000'000	+500'000
TOOLS	-	-	1'000'000	+2'000'000
ITO	-	-	3'000'000	+5'000'000

Technical Specifications of the XNT token

The XNT digital token will be released on the Ethereum platform, according to the ERC20 standard.

The token contract will be released after the ITO, when the emission quantity will be established.

XNTB

XNTB is a bonus token to be credited to users of the exchange and ITO participants, through specific mechanisms. XNTB will not be released as a contract, it will only be valid inside the scope of the exchange. 1XNTB=1XNT.

Users will not be able to sell their XNTB before the end of the ITO campaign.



Exenium Token Emission

Overall emission amount is to be determined after the end of the ITO campaign. The amount of tokens released will be depend on the needs of the users of the Exenium platform, taking into account bonuses, bounty programs and developer pool. The following formula will be used to calculate the emission:

$$V = (SV + RB + WB) * (1 + (TV + BV + MV) / 100)$$

SV (Sales Volume) – Amount of tokens directly sold during the pre-sale and ITO campaign.

TV (Team Volume) – Share reserved for the team, partner rewards and escrow, amounting to 10% of SV+RB+WB. To be frozen for one year. SV+RB+WB.

RB (Referral Bonus) – XNTB tokens distributed in accordance with the referral/sponsorship program, amounting to 10% of all XNT tokens bought by each sponsored user, to be given to the sponsor.

BV (Bounties Volume) – XNTB Tokens reserved to bounty campaign participants, 3% of SV+RB+WB.

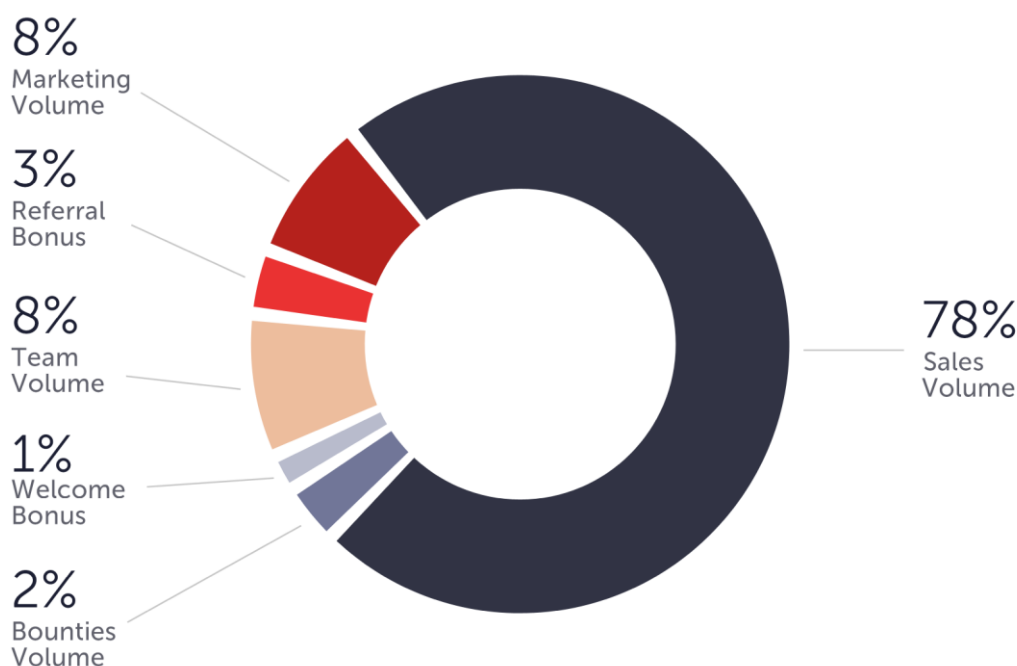
WB (Welcome Bonus) – Welcome bonus of 0.2 XNT and 0.8 XNTB given to every registered ITO participant and Exenium Exchange user.

MV (Marketing Volume) – tokens reserved for the development of the platform and marketing campaigns, such as WB and others. 10% of SV+RB+WB.

For each XNTB token credited, one XNT token will be emitted and put into a separate Bonus Pool. As such, there is 1 XNT token for each XNTB.

For example: 100,000 buyers purchased 10,000,000 XNT, with 300,000 XNTB referral bonus (RB) credited.

The size of the emission will be: $(10,000,000 + 100,000 + 300,000) * (1 + (312,000 + 104,000 + 104,000) / 100) = 12,792,000$ XNT





XNT/XNTB exchange

After the end of the ITO campaign, when the bounty pool will be determined and the XNTB will be distributed among all participants, the ERC20 contract will be released with a calculated amount of XNT emitted.

From this moment, the XNTB/XNT trading pair will be launched. Each week, starting from the first day of trading, 10% of the bonus pool of XNT is withdrawn to buy XNTB at market price, or 1 to 1 with XNT. In this way, the entire pool will be spent in exactly ten weeks. All XNTB bought by the exchange will be burned. Unsold XNTB may be used for the payment of transactions and other services.

Exenium Exchange ITO campaign

By launching the ITO campaign, Exenium is pursuing two main goals:

1. To draw users on the exchange to increase the trading liquidity.
2. To raise the funds necessary for the comprehensive development of the platform.

The project will be deemed successful with any amount of investment, as it has no Soft Cap. It is possible to contribute to the Exenium ITO with Ethereum and Bitcoin. This is the first ITO to be held directly in the Telegram messenger.

The pre-sale and private token sale will be held from November 15 to February 14, 2018 on the exenium.io website.

The ITO starts on February 14, 2018, and finishes on March 25, 2018. During the course of 40 days, it will be possible to buy the Exenium Token, set at a price of 1 XNT=0.05 ETH.

At each stage of the ITO, the users of our platform will receive bonus tokens (XNTB) in addition to the purchased ones.



Bonuses

Name	Size	other
Ethereum week Bonus	+75%	14 - 20 FEB
Early birds stage Bonus	+50%	21 - 23 FEB
2 stage Bonus	+35%	24 FEB - 2 MAR
3 stage Bonus	+30%	3 - 11 MAR
4 stage Bonus	+25%	12 - 18 MAR
Last stage Bonus	+20%	19 - 25 MAR
Welcome Bonus for the registration	0.2XNT и 0.8XNTB	
Referral Bonus	10% в XNTB	

XNT sale scheme

All exchange users can participate in the ITO. To purchase XNT, a personal deposit address is generated, to which the user then sends BTC or ETH. After the confirmation of the deposit, the user then selects the desired amount of XNT to be purchased. All the BTC and ETH spent is then transferred to an escrow wallet, or escrow smart contract in case Ethereum is being used. The XNT tokens are credited on the user's internal account, together with all applicable bonuses. After the end of the ITO campaign, the users will be able to withdraw XNT to their ETH wallets. In order to do so, the investor must specify a valid ETH address in the ITO section.

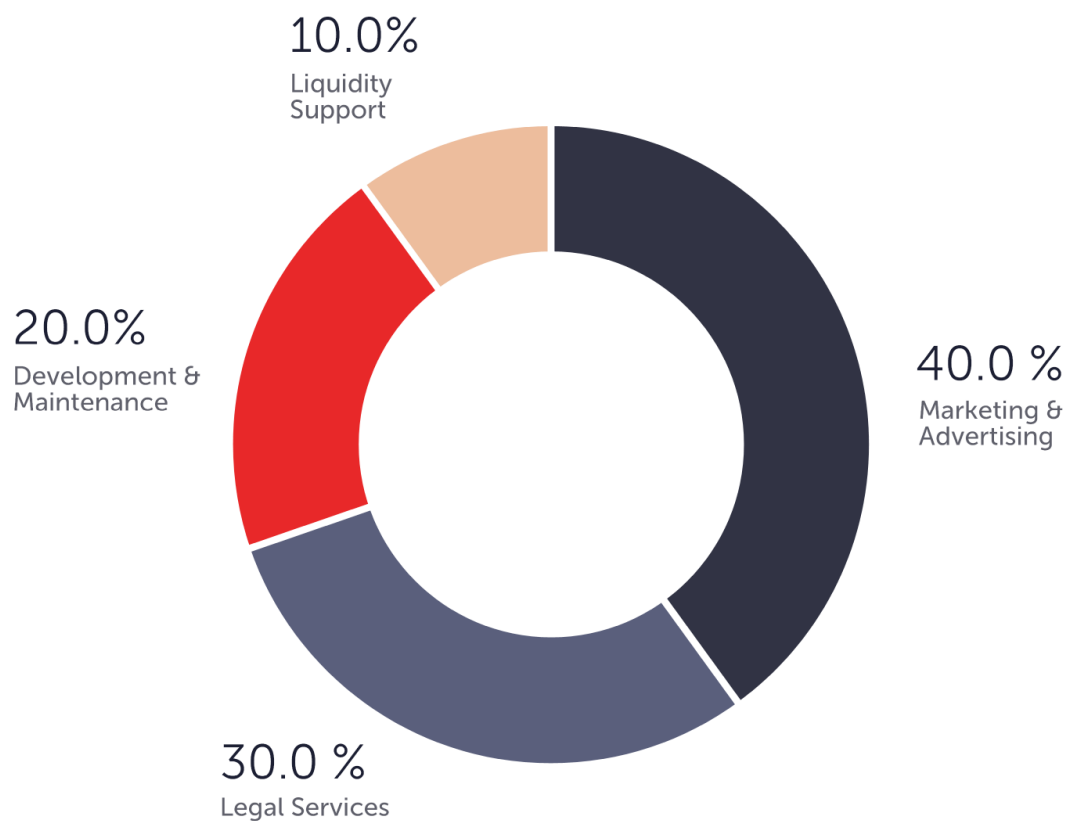
Escrow

All the funding received during the ITO is sent to a secure BTC multi-sig wallet with a 3 of 4 scheme, or alternatively to an ETH multi-sig contract with the same scheme. Escrow provides a guarantee that all funds will be used properly, according to the project's roadmap. The funds are released in stages, after the completion of each milestone.



ITO funding allocation

After the Exenium ITO, all of the funding received will be distributed as follows:





Project Roadmap

In the previous months of development, our team has already accomplished most of the tasks required. We are constantly improving the platform, and our actions speak louder than words. At this time, our roadmap is as follows:





Exenium team



Lee Willson

Advisor
Association of Chartered Certified
Accountants (ACCA) President of
World Blockchain Foundation



Muhammed Arafath

Advisor
Business Development Advisor for
Middle East, India and Africa regions



Mike Zevakin

CEO
A cryptocurrency evangelist
Blockchain Strategist



Igor Podzigun

Business Development Advisor
A cryptocurrency evangelist since
2014. Blockchain Strategist



Alexander Korzhanov

Marketing Director
Global Marketing Lead, ICO
development expert Riga, Latvia



Andrey Sundukov

Tech lead
Architect, Developer
Moscow, Russia



Dr Yves Zinsou Djoyi

Advisor
studied International Law in Russia
and was graduated PhD in
Jurisprudence (International Law)



Denis Sevastyanov

Marketing Advisor



Terms and Conditions of the project

This White Paper is intended exclusively for the familiarization with our product and is not a commercial offer. We are not appealing for the sale of stocks, cryptocurrencies and other securities on the Exenium Platform, or other marketplaces related to the company.

XNT tokens are not securities

The User acknowledges and agrees that XNT tokens are not securities, and are not registered as securities for use as collateral in any public institution, and they should not be regarded as such. The User acknowledges and agrees that ownership rights to XNT tokens do not provide the User with the right to receive profit, income or other payments or revenues attributable to the acquisition, holding, management, disposal or redemption. The User acknowledges and agrees that any right, interest, ownership or privileges on Exenium platform or any other property on Exenium can expire in whole or in part.

No guarantees of income or profits

There is no guarantee that XNT will rise in price. If that were to happen, there is no assurance that due to unforeseen circumstances or events that are beyond the control of the developers, or due to force majeure, the price of the XNT tokens will not decrease, possibly very significantly.

Risks associated with Ethereum

XNT tokens are issued on the Ethereum blockchain. In this regard, any failure or incorrect operation of the Ethereum Protocol may disrupt the XNT transaction network in unexpected ways.

Regulatory uncertainty

Technologies related to blockchain networks are the subject of supervision and control by various regulatory bodies across the globe. XNT tokens may become subject to their regulation policy, including restrictions on the use or ownership of digital tokens like XNT, and hence slow or limit the functionality or XNT redemption possibilities in the future.

XNT tokens are not an investment

XNT tokens are not an official or legally binding investment of any kind. Due to unforeseen circumstances, the objectives outlined in this document, may be altered. Despite the fact that



we intend to implement all the points outlined in this document, all persons and parties involved in the purchase of XNT tokens do so at their own risk.

Quantum computers

Technical innovations such as quantum computers could pose risks to cryptocurrencies, including XNT tokens.

Integration

This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof. All previous agreements, discussions, presentations, warranties and conditions are merged herein. There are no warranties, representations, conditions or agreements Express or implied between the parties except those expressly specified in this Agreement. This Agreement may be modified only by a written document duly executed by the parties.

Conclusion

The cryptocurrency market today is rapidly evolving, and there are quite a lot of good spots left. The Exenium Platform, focused on instant messenger users, occupies a profitable niche, since as of October 2017 there are nearly 1.8 billion users who take advantage of these applications for the exchange of information.

Easy-to-use and intuitive interface, high speed and reliability of the platform will quickly win the hearts of new users.

The promotional XNT tokens will help investors to receive medium-term profits at an early development stage of Exenium, due to the development of the platform and the growth of its user base. Thanks to the promo-tokens and effective marketing initiatives, the platform will be successful in attracting a large amount of new users.

The interests of investors will be protected, as the Exenium platform ensures XNT liquidity. When buying tokens, platform participants will be able to receive useful bonuses and increase their capital.

Exenium is a cryptocurrency exchange profitable for both investors and ordinary users. Get started right away, and be the first to reap the benefits.



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