



BITTO

ECO-SYSTEM CRYPTOCURRENCY EXCHANGE PLATFORM

FULL-FEATURED SYNERGY



Whitepaper v 2.0

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Since its beginnings with the introduction of Bitcoin in 2009, the world of cryptocurrency has drastically expanded, along with a corresponding ecosystem of supporting services. Cryptocurrency exchanges, allowing people to trade within crypto as well as to and from fiat currencies, are a critical part of this – however due to an explosion in demand they have difficulties keeping up with the sudden market growth.

As a result, many of them have been forced to prioritize maintaining and supporting their own systems rather than the development and innovation. Some have even had to pause their onboarding of new clients, unable to handle the influx, due to their fundamental inability to scale fast enough. In order for the industry to grow, brand-new exchange platforms are demanded by the market.

For this reason, we introduce BITTO – a reliable and easy-to-use exchange platform where anyone can quickly trade, buy, and sell any cryptocurrency through a single convenient interface. Our goal is to help people that believe in the power of cryptocurrency maximize their profits on-the-go, while simultaneously minimizing friction.

At BITTO, users can utilise multiple sources to increase their income, from passive earning to lending, while also having the potential to leverage the expertise of a team of professional traders. This way users who have no trading experience of their own would obtain trading insights, and be given advice on building their own investor portfolio.

Irrespective of the role of a user while interacting with BITTO – whether they are a contributor, trader, lender, borrower, or referrer – our primary concern is making sure they have an enjoyable, safe and profitable experience on the platform.

This whitepaper describes the essence of the BITTO Platform, how it works, and how it will be developed.

Our goal is to provide users a synergetic eco system for all their cryptocurrency operation, and to offer a unique opportunity for investors to acquire a share in the vital infrastructure which underpins this emergent industry: The exchange itself

For investors, the exposure to the potential dramatic gains in the cryptocurrency market remains extremely attractive, however the risks are high. By February 2018, nearly half of the ICOs funded in 2017 had already failed¹. Many visionary projects are being supported by ICO fundraising presently, but they represent varying degrees of risk and certainty, in a completely innovative asset class. Realistically assessing the risks of each is a challenge for any investor.

One thing is certain: each token which succeeds, will need to be traded on an exchange.

Investing in the platform itself, in the infrastructure which underpins this new economy. This is the unique and exciting proposition available to those who invest in Bitto's token sale.

A second certainty in this uncertain space is that, whatever the performance of each of the 1600+ coins currently being traded, overall the volumes are only increasing. From December 2013 to the end of 2017, the number of cryptocurrencies increased from 40 to 1,273² – a 3,083% increase. Global cryptocurrency markets are now averaging the same daily trading volumes as the New York Stock Exchange³.

Owning a part of the exchange infrastructure enables investors to benefit from this holistic growth, without depending upon the fortunes of any individual cryptocurrency:

Therefore our mission is to further develop the BITTO platform following a user-centric approach, and play a part in the raising global awareness regarding the benefits of cryptocurrency. We strive to inspire mass adoption of BITTO tokens, resulting in their everyday usage in society – creating an accessible on-ramp for new users to enter this evolving economy

As well as the expected exchange infrastructure, investment in BITTO offers returns from involvement in a rich ecosystem of projects enabled through the BITTO foundation. This includes support for global projects in developing countries, whether providing funding for local enterprises and NGOs (see below), crowd-supported lending, or through helping to launch ICOs – which will benefit all users of the ecosystem

Our rapidly-expanding global team is distributed across 5 countries, developing the infrastructure for fast and smooth trading with dedicated international support – unified by a shared commitment to make BITTO a truly world-class exchange platform.

¹<https://news.bitcoin.com/46-last-years-icos-failed-already>

²<https://coinmarketcap.com/historical/>

³<http://uk.businessinsider.com/daily-cryptocurrency-volumes-vs-stock-market-volumes-2017-12?IR=T>

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Introduction

Exchanges are one of the first and the most widely-used services to have emerged in the cryptocurrency industry, and remain the largest category in terms of the number of companies and hired employees

Exchanges provide users with services to buy and sell their cryptocurrencies or any other digital assets for the sovereign currency of their choice or other cryptocurrencies. They play an essential role in the economy of the cryptocurrency ecosystem, as a marketplace for trading, liquidity, and price monitoring.

While the potential of the cryptocurrency market has been long been recognized by early adopters, only in 2017 could it be said to have made significant breakthroughs towards mass use. However, even with the huge capitalization and increased interest in this sector, the number of market players remains low, leaving an opening for new all-encompassing and innovative solutions.

New cryptocurrency exchanges are emerging at a rapid pace, with almost 200 being tracked presently on Cryptocoincharts, compared with 70 3 years ago. ⁴However this number disguises a huge variety of trading volumes and services offered, from giant centralized corporations like Binance, to those serving very local needs and markets.

According to the Global Cryptocurrency Benchmarking Study by Cambridge Center for Alternative Finance, 52% of small exchanges have a license issued by their respective government, while this percentage is only 35% among the large ones. 85% of exchanges in the Asia-Pacific region have no license whatsoever, whereas the North American exchanges are licensed – and come with fees and overheads which reflect this.

Exchanges fall into three categories according to the services they offer:

- 1 Order-book exchanges**
- 2 Brokerage services**
- 3 Trading platforms**

72% of small exchanges specialize in a single type of exchange activity (where brokerage services lead), while the same percentage of large exchanges provide multiple exchange activities like order-book exchange, trading, and brokerage. However, there is a shortage of platforms that cover all of the services simultaneously.

Most of the exchanges follow a traditional architecture, carrying out a centralized approach to the handling of users' funds. This requires that users trust their money to third parties, which can be very dangerous, with a risk of possible security breaches and loss of hundreds if not thousands of millions of dollars.

Peer-to-peer (P2P) transaction system help mitigate the risks inherent in centralization. However, platforms that utilize such services usually deal only with trading. Even if the P2P business model does bring users together, it cannot solve other fundamental security issues. Therefore, the best way to avoid these risks is by putting up high commissions and increased currency rates. For this reason we have partnered with BitGO, to ensure a business-class standard of custody and security for all exchange users

We offer users a new opportunity to try the BITTO platform, that utilizes smart contracts to help both parties of any transaction securely transfer their cryptocurrency assets. For additional layers of security we will also be implementing internally:

- **Websocket API and high frequency trading support**
- **OAuth - KYC - 2FA**
- **Cloudflare to prevent DDOS attacks**
- **Multiple Offline and online Backup to files to prevent hacking**
- **Cloud servers and multi tier security implementation**
- **Cold Wallet integration with multi-signature protocol**



Secure. BitGo pioneered multi-signature technology, key recovery solutions, zero confirm transaction services and other safety and usability protocols that have enabled businesses to use digital currencies



BitGo provides a platform and services for payments, processing, treasury management, risk, compliance, logistics, B2B and B2C applications



BitGo makes digital currency usable in a regulated economy,

Empowering businesses to work with digital currency easily at scale alongside its other currencies

⁴<https://cryptocoincharts.info/markets/info>

BITTO Exchange Comparison

	 BITTO	 KUCOIN	 BINANCE	 SALT LENDING	 BITTREX	 HUOBI
ICO PRICE	ICO Price USD 1	USD 0.60	USD 0.10	USD 0.25		USD 1.00
PEAK PRICE	est. USD 20	USD 20	USD 23.5	USD 17.6		USD 6.00
LAUNCHED ICO	AUG 2018	OCT 2017	JULY 2017	OCT 2017		FEB 2018
ICO PROFIT	est. 10x	33x	235x	70x		6x
TOTAL CIRCULATING SUPPLY	12 mil Coins	91 mil Coins	110 mil Coins	54 mil Coins		50 mil Coins
TOTAL SUPPLY	22.3 mil Coins	181 mil Coins	199 mil Coins	120 mil Coins		500 mil Coins
24 HOUR VOLUME	est. USD 30mil	est. USD 60mil	est. USD 2bil		est. USD 624mil	est. USD 110mil
MARGIN TRADING						
TRADING						
LENDING						
STACKING						
REFERRAL						
SIGNAL TRADING						
BORROWING						

Why Choose BITTO

Our team ensures that trades seamless and secure. Users will have access to six core service models:

- **Peer-to-peer lending and borrowing**
- **Increasing liquidity and encouraged financial progress**
- **Referral program**
- **Signals from professional traders**
- **Multiple sources of revenue**

Therefore, the amount of potential profit for users of BITTO is infinite. Even having close-to-zero experience in trades will not affect their trading opportunities. They can be sure to make successful trades with Bitto's team of professional trading experts. Users can observe how the experts trade and learn from their success.

Moreover, the income from referral commissions is also a significant financial benefit. Users may gain up to 35% in commissions, depending on their contribution status.

We also offer support for local businesses through the peer-to-peer lending service. This helps users provide financial support for one another, without jeopardizing the growth of their cryptocurrencies.

We understand the volatility of local currencies relative to cryptocurrencies. Furthermore, costs are high when moving in and out of fiat, and users – accustomed to the rapid confirmations of crypto-to-crypto transactions – are hindered by the legacy clearing times of traditional banking. This is unfeasible for anyone seeking to respond to the fast-moving signals of a trading environment, so we do not encourage users to keep money in any fiat currency for too long. Instead, we invite them to contribute to the growth of the BITTO ecosystem by acquiring Proof-of-Stake (POS) based BITTO tokens. Cryptocurrency has been proven to grow in value at a better rate than fiat currencies, when you consider valuations over meaningful time periods and disregard short term volatilities and fluctuations:

We have opted for the POS consensus mechanism, to address user concerns about the energy resources consumed in the Proof-of-Work (POW) consensus mechanism. We are committed to the long-term sustainability of both our platform and the cryptocurrency industry, as well as to minimizing transaction costs for our users. The POS-based BITTO token enables our users to stabilize their income with passive BITTO earnings, in an environmentally-friendly way.

ERC20 CODE

[https://etherscan.io/
address/0x0cf55facee33ed2827d78ad2d113efe0aa80a92b#code](https://etherscan.io/address/0x0cf55facee33ed2827d78ad2d113efe0aa80a92b#code)

What is BITTO

BITTO token is the official digital asset of BITTO. The BITTO token will serve as the primary value transfer medium for users in the BITTO community.

BITTO is a Proof of Stake token based on the Ethereum token ERC20. It is backed by the Ethereum blockchain to provide for lower transaction costs and benefits from the rise in prices on both ETH and BTC. Contributors can purchase BITTO tokens at the time of TGE, and later enjoy special privileges at the launch of the BITTO exchange.

BITTO plans to distribute a total of 12.3 million BITTO tokens (depending on the number of tokens sold, it may be less). Afterwards, no more BITTO tokens will be produced beyond the total supply of 22.3 million BITTO. To protect the value of the token, all undistributed tokens will be kept in untraded reserve.

This represents an attractive benefit to investors, being an absolute maximum token supply 5 times smaller than average – promoting a strong secondary market value for the BITTO token as the exchange grows and develops.

The price for BITTO token is \$1, with further incentives and tier benefits.

In addition to exchange transactions we will also be offering OTC brokering to our clients. This enables us to provide white-glove bespoke care to high volume traders seeking direct deals from a trusted institution, whilst protecting our mass customers from the pricing volatility which significant purchases can trigger.

What is Proof of Stake?

Proof of Stake (PoS) is a category of consensus algorithms for public blockchains that depends on a validator's economic stake in the network.

The Proof-of-Work-based public blockchains have an algorithm that rewards participants who solve cryptographic puzzles to validate transactions and create new blocks (in a process termed mining). This was the original vision of Satoshi Nakamoto in the famous Bitcoin whitepaper of 2009. However, so much has changed since then, and the size of the network and the geometric reductions in the block reward mean that to mine Bitcoin alone, over 42TWh of energy is expended each year – That's equivalent to CO2 emissions of 20 megatonnes – or roughly 1m transatlantic flights.

In contrast, the PoS-based public blockchains allow a set of validators to take turns in proposing and voting on the next block, and the weight of each validator's vote depends on the size of their deposit (i.e. their stake).

Significant advantages of PoS include a reduced degree of centralization, and greater energy efficiency. For the staker, it is far more convenient to simply commit their tokens, rather than face the maintenance of a mining rig and all associated costs and concerns, including the risks of breakdown and changes to power supply costs.

Anybody who holds the blockchain's base cryptocurrency can become a validator on the network, by sending a special type of transaction that locks up their currency into a deposit. The blockchain tracks these allocations transparently. The process of creating and agreeing to new blocks is then done through a consensus algorithm that all current validators can participate in. Anyone ready to stake their tokens can become a validator, promoting the fundamental value of decentralization

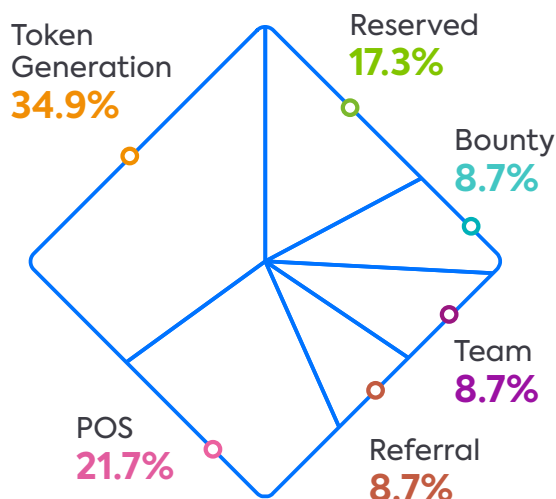
- compared with bitcoin proof-of-work mining for example, where specialist processors and exorbitant energy demand now create significant barriers to entry.

As a result, PoS currencies can be several thousand times more efficient than Proof of Work in costs, which relies on energy usage. It also ensures that the holders of BITTO tokens will support the value of BITTO by reducing the tokens circulating in market supply. Staking validators are fully invested in the network which is secured by their own assets, therefore they have no incentive to attack and devalue it.

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BITTO TGE Details

a. Token Distribution



Volume of token issuance:

22,300,000 Millions Coins

Number of token to be distributed:

12,000,000 Millions Coins
(excluding 5,000,000 BITTO for POS & 6,300,000 BITTO for Team Reserve)

Project protocol: **ERC 20**

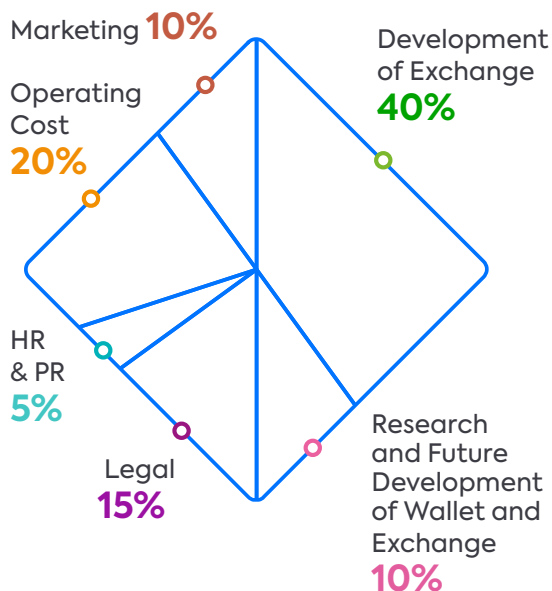
Hard cap:
USD 12,000,000 Millions

Soft cap:
USD 1,000,000 Million

Price 1 BITTO: **USD 1**

Tokensymbol : **BITTO**

b. Token Allocation



Benefits of BITTO

a. User-centric Exchange

Seamless exchange based on an environmentally-friendly proof of stake, containing a lending platform, a dedicated support team, and a progressive organization in one platform.

We are committed to the promotion of mass adoption and on-boarding new users to the cryptocurrency economy, therefore we are creating a user experience which is accessible, engaging and safe – whether for advanced professional traders or complete novices. To recognise and reward the support of our investors, the BITTO team gives back up to 5 million BITTO tokens to our future platform users and our contributors via POS rewards (see above).

Being fully decentralized places all the focus on our users, who are the stakeholders, ambassadors, and ultimate beneficiaries.

b. Global Services

We are an exchange agency that will shape the landscape of the current crypto-exchanges and ensure precision timing of trades to meet the demands of professional investors.

We will deliver the impeccable customer support and security against the DDOS attacks to all our users.

Realistic rewards and profits for our platform users and contributors offer them a one-stop solution for all their needs (see below).

We aim to integrate live usages of BITTO tokens by proactively partnering with local merchants, and raising the value of BITTO tokens.

c. ICO launchpad

ICOs are the fuel for growth in the cryptocurrency landscape, bringing new funds and new ideas into the world, and offering mass investors a chance to own a piece of projects they believe in and wish to support.

By enabling carefully-vetted ICOs to launch on our platform we demonstrate our commitment to the rising tide, and bring a range of innovative projects to the attention of our customers. But it also benefits token-holders directly, because each ICO launched adds value to the platform, and hence to the coin. Everyone knows that when a new token gets listed on an exchange, its value goes up, but it also increases the volume and value for the whole platform.

One of the main benefits of collaborating with ICOs in this way, is that each one is a unique marketing machine, which brings with it its own community of investors, customers and evangelists. Niche projects appeal to specific audiences within their community of interest, who require a solution to a specific problem, but once the ICO is complete that audience is now invested in the cryptocurrency scene (perhaps for the first time), and they need a place in which to:

- Learn more (from our trader signals program, and by being active in a ready-made community)
- Sell and trade their cryptos (on our exchange)
- Safely store their tokens (in our integrated wallet)

As these projects join our platform, their communities of interest (which may be very large, many ICO Telegram groups alone have thousands of users) will strengthen the BITTO community, and increase volumes of trading and interaction on the exchange. Therefore this will also increase the value of the BITTO token itself, as well as providing a strong secondary marketplace for it, amongst these new users of the system – particularly when they realise the value inherent in actively holding and using the BITTO token in order to cost-effectively interact with the attractive services offered within the BITTO ecosystem.

Additional benefits will come to BITTO tokenholders when ICOs launch on the platform, through the provision of airdrops. We shall negotiate this from our ICO partners as a condition of listing, that they provide airdrops to everyone holding 1k BITTO tokens – this will benefit all partners, as their tokens will be released into the hands of active and engaged community members, promoting trading and growth. This additional activity wave occurring around each airdrop will provide further stimulus to the BITTO token value, once the dropped tokens are unlocked to trade and exchange freely.

d. BITTO Buyback

A certain percentage of profits will be allocated for a buyback-and-burn program.

It will be verified and audited using a transparent blockchain-based accounting system, on which all the transactions committed for buybacks will be published to ensure public's confidence in BITTO pricing.

These buybacks and burns will slowly reduce market supply, increasing staking and the value of contributors' BITTO tokens tremendously over time.

e. BITTO Token Estimated Value

In a year we expect the growth of user base up to 1 million. It is considered a very conservative amount as it is less than 0.02% of the current top exchanges, which in turn reflect the early adoption phase of the cryptocurrency industry.

We believe that by integrating an all-in-one platform, our growth rate is going to exceed our expectations to ensure rapid growth and maintain a competitive edge for the future.

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The BITTO Ecosystem

A cryptocurrency exchange does not exist in the vacuum, but forms the hub of a suite of interrelated entities which work synergistically together. BITTO token holders will benefit from this carefully-developed infrastructure, which has been designed to create a user-centric complete environment for all cryptocurrency transactions and interactions.



The exchange and the token are vital elements, but they sit within a wider ecosystem, which also comprises the lending and trading tools presented within this document.

This synergy enables the creation of diverse passive income streams, supported by the BITTO Banking System which is the point of access to and from the fiat economy.

A further fundamental element of the ecosystem supports the values of the BITTO mission overall:

Those of us who function within developed economies so easily forget, that over 2bn adults in the world are 'unbanked' – and this represents some of the hardest-working people in some of the poorest countries of the world.

BITTO is a convenient user-centric platform for comfortable and secure cryptocurrency exchange and trading. We offer our users a set of features developed to make the most out of each crypto-experience:

- Lending and Borrowing
- Staking
- Signal Trading
- Referral Program
- Smart Trading
- ICO discounted rates using BITTO Tokens to purchase
- 0% fees for ICO contributors.
- Local deposits in local currencies to purchase.(Priority set-up given to countries with major users)

a. BITTO Foundation

The blockchain economy offers transformative opportunities to revolutionize life for this segment of society. The BITTO Foundation is a non-profit organization with a mission to ensure our platform benefits these most marginalized of communities worldwide, and will provide:

- Blockchain-based transparency and accountability for donors, to trace the benefits of their generosity
- Empowerment programs for financial literacy and awareness raising in communities of need
- Access to micro-loans and financing, for local enterprises and ideas
- The BITTO Pay platform, enabling registered non-profits to easily accept donations in a range of cryptocurrencies on their own sites
- A 20% share of profits from the signal trading system, to be donated directly to the foundation.

b. Lending and Borrowing



The crypto-token infrastructure enables BITTO to revolutionise the loan industry, creating a new world of decentralized and blockchain-based opportunities for all parties to gain maximum leverage from their assets.

This aspect of the financial industry is long overdue for disruption, as control of lending and borrowing has remained centralized in the hands of monopolistic financial institutions for too long. Prior to the advent of blockchain-based lending this was necessary to protect the interests of lenders, however this led to high fees for all concerned.

Governing lending with smart contracts in this way has benefits for all parties in the form of reduced fees for third party institutions, and greater flexibility regarding the terms and conditions of the loan. Traditional credit checks are rigid and restrictive, delivering lifetime penalties for any entrepreneur who has made mistakes, and precluding the majority of the world from participation in the economy at all, due to lack of credit history. Unlocking the potential of these exchanges of value will drive benefits for the global economy.

A combination of on-chain smart contracts and off-chain contracts and due diligence will enable intelligent contracting and robust protections for all parties, fully compliant with credit brokerage legislation in each jurisdiction.

Initially our Lending and Borrowing platform will be launched within Asian markets, with a scheduled expansion across different regions, as we steadily engage with varying local banking and credit laws. Eventually the service will be truly without borders, offering peer-to-peer transactions across any geographical distance.

i. For Lenders

Every user has an opportunity to make additional income by temporarily lending their cryptocurrency assets to other members of the platform. This is truly a passive income, in on which you can earn repayment to your fiat bank account or crypto wallet every month, without expending any effort.

Holders of BITTO tokens can use their cryptocurrency stake as collateral for lending without liquidating their crypto (at a 1-1 rate, ie you may lend \$10000 if you hold \$10000).

Users are subjected to KYC and AML check by an international 3rd party. To become a Lender, the user has to fill in a form with an appropriate set of terms under which they are willing to lend out and then wait for a member to select their offer, at which time they will be matched within the platform.

Cryptocurrency assets of each member are protected by a smart contract that confirms the terms of the loan, foresees for the timely monthly repayments and guarantees the Lender a return on their investment. This is facilitated by platform-based escrow of the Borrower's assets (see below), and the use of multisignature wallets.

Lenders are protected from the risks of default, because the BITTO platform collateralizes up to 70% of the value. Assets are secured in cold storage multi-signature airgapped wallets, to provide security for safe and regulated lending in high volumes.

ii. For Borrowers

So many people are excluded from traditional sources of funding for personal or business use, because they do not have a credit score acceptable to traditional lending institutions. They are therefore unable to borrow cash to take part in activities such as business ventures, property acquisitions, or simply to deal with personal emergencies.

However, these days people may be “rich” in the new asset class of cryptocurrencies. This creates a dilemma, in that these assets are illiquid in their existing form, and holders generally wish them to stay that way – investing for future gains. When fiat cash is needed urgently for one of life's challenges or opportunities, they are faced with the prospect of cashing out their crypto, at a potentially unfavorable rate.

Blockchain-based lending on the BITTO platform fixes this problem. Users who want to take part in trades without selling their cryptocurrencies have an opportunity to borrow using cryptocurrency assets as collateral to receive loans. They can browse among the offers placed by potential Lenders to choose the one with the most suitable terms and interest rates.

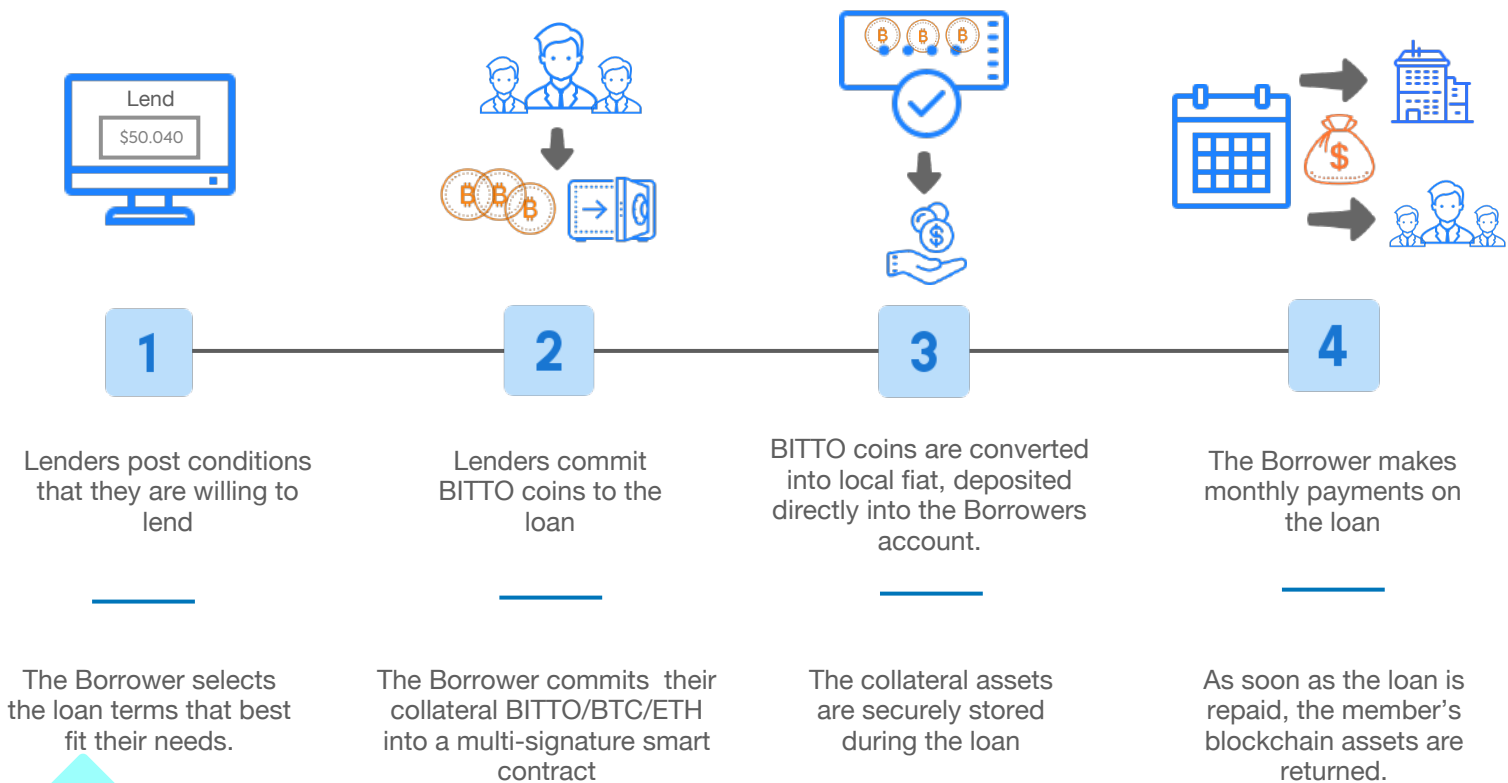
Once they have selected and agreed to the Lender's terms, they sign a smart contract that places the Borrower's cryptocurrency assets under escrow as collateral. In return, the Borrower receives a loan in their local fiat currency directly into their bank account.

As the Borrower makes each payment on time, the BITTO team tracks their credit behavior and awards points that can be used for credit advantages in the future. This enables borrowers to rebuild a damaged credit history in the traditional economy, by creating a new reputation in the economy of tomorrow. These points earned are available for potential lenders to review as part of their decision-making process when selecting a borrowing partner

iii. Extended Lending and Borrowing options

The potential exists within the platform to tokenize alternative assets, for those wishing to access cryptocurrency exposure without liquidating traditional assets, and to enable lending to startups, ICOs or other businesses which represent the potential for significant returns.

We will also offer a platform for investment in the equity of startups, at very low interest rates, via an investment pool on the BITTO platform. A smart contract will secure profits in tokens on a monthly basis, creating another stream of passive income for investors with an appetite for higher risks and returns to back projects which appeal to them





c. Staking

The BITTO team invites users to stake their coins on the BITTO Exchange Platform and begin passively earning BITTO Tokens only 15 days after the contribution has been made. This makes the BITTO Exchange the first exchange to implement an ERC20 Proof of Stake token which can be installed and earn rewards, even on private wallets such as Myetherwallet.

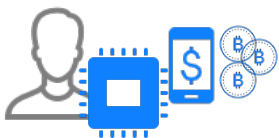
This environmentally-friendly requires only that investors have a computer and a wallet in a staking mode, instead of computationally-intensive hashing that consumes enormous power and specialist processing.

For those new to PoS, tutorials and user support will be provided, to enable the greatest potential decentralization of the network, and wholly in line with our values of accessibility and widening access to the full cryptocurrency ecosystem – and its many potential streams of passive income – to as many people as possible.

Proof of Work



The probability of mining a block is dependant on luck and how much work is done by the miner.



Payout become smaller and smaller for miners as difficulty increases.



Proof of work has a powerful mining community but is not environmental friendly and complicated.

Proof of Stake



Person can stake (mine) depending on how many lots (5000 BITTO) are in the wallet.



Payout depends on how many HODLERS and STAKERS on the network which is FAIR and helps increase coin's value.



Proof of Stake is more decentralised, energy efficient and simple.

d. Signal Trading



BITTO Exchange Platform offers members with little or no experience in trading to learn from and mimic the signals of the carefully selected and approved professional trade managers.

Their trades, analytic skills, and predictions will help users set up their Investor Portfolio from scratch. Future implementation of further customized “Signal Following” will be an option, to allow users to decide themselves on occasion via mobile app notification whether to follow the signal or not. Users could mirror the trades they observe, or they could “paper trade” as part of their self-education, as they gain in confidence and skill in this new marketplace. (“paper trade” Virtual Portfolio mode on eToro) We will be recruiting top signal providers to provide the next alternative V2 BITTO Signal Trading option.



BITTO Signal Platform

To provide a safe and secure Signal environment for our users, we have come up with solutions for several common concerns. These will be continuously improved and altered, to extend and improve the users' confidence in our BITTO Signal platform.

The BITTO Signal platform is a unique educative and trading tool, which operates as a BITTO-token-driven closed system for skills development, which will raise standards and awareness for all users of the service, and provides an additional benefit for holders of the BITTO token. By spending BITTO tokens to follow traders and pay commissions in our Signal platform, our alumni can then apply their learnt skills to trades in other pairs, as their trading abilities continue to develop. Features of the BITTO Signal Platform include:

- **Tier Classification For Signal Traders**

The Signal Pool fund size depends on Period, Volume, % Profit and %Losses of the Signal Provider. Therefore, classification will minimize the risks and mitigate unforeseen circumstances.

- **BITTO Monitoring System**

We monitor traders that are not performing consistently, and alert and provide their followers with this information. We understand followers may not be actively tracking their Signal's Performance all the time, and there is always a chance for ups and downs. That is why our BITTO monitoring system looks out for and protects users' investments.

- **Copy Trades Easily**

Signals are auto-traded. The user's input is limited to the amount they would like to invest, and the amount of commission they are willing to share. (The default percentage is 18%).

- **Limited Amount Of Followers**

Each Signal is given a fixed maximum number of followers, to avoid potential influences on prices for more volatile tokens.

- **Systematic Buy-Ins**

To control volatility and to ensure fair copy-trading, a bot will be implemented to guarantee a fair price of entry for all followers. In the event of a huge buy-in, the system will then prioritize the queue based on who owns the higher amount of BITTO tokens to fill the order – thus rewarding our early investors and stakers with more timely trading benefits.

e. Referral Program



The referral program is based on a highly beneficial three-tier referral system, to give incentives for platform users to encourage others to use BITTO platform. As the platform grows, early investors are rewarded for their confidence, and every user benefits from the knock-on volume increases.

Users can earn up to 35% in commissions for referring their friends, colleagues, acquaintances, to the BITTO Exchange Platform, and thus attracting new users. To take part in BITTO Referral Program it is necessary that the user:

- Become a member of the BITTO Platform
- Receive unique referral link
- Post it on their site, social network feed, etc.
- Wait to receive the % in commission four-weekly

For more info, please view our referral plan below.

f. Smart Trading



BITTO is a global exchange platform that assists users to trade any cryptocurrency through one simple interface. It presents all the necessary information on one screen, to help users raise profits through trading within a peer-to-peer environment.

Currently, the BITTO team is working on attracting and establishing connections with merchants to develop all the above-mentioned platform's features. We are investing extensively in the user experience and functionality, to make sure users can have multiple sources of income by merely using BITTO. Users that decide to contribute to the development of the BITTO will be able to use an offline cryptocurrency wallet storage, gain direct access to high liquidity trade and portfolio management, and receive a "No Trading Fee" privilege which can last up to

12 months.

Semi-automated signal trading will be implemented in the near future, to make use of the telegram signal groups which have thousands of followers, to enable our platform to provide beneficial signals with notifications via mobile app. This signal will then be given to followers to either opt in or out.

9

BITTO Token Usage

- **Lending**

The amount the user can lend depends on the amount and value of BITTO Tokens they hold. (For example, \$1000 worth of BITTO allows borrowing up to \$1000 in fiat currency)

- **Proof of Stake**

BITTO Tokens can be staked to earn more BITTO tokens. It is planned to reward 5 million BITTO Tokens in 2 years.

- **Signal Trading**

BITTO Tokens will be used to pay commissions to Signal Providers, as well as a membership-based method to prioritize fill-orders for Signal Followers. In the event that users want to follow BITTO Signal Providers, they will use BITTO Tokens to purchase this service.

BITTO Tokens can also be used to reduce trading fee commissions, for non-TGE contributors.

10 Risks

a. Security

As with any business, running a cryptocurrency exchange has risks. The BITTO team understands this, but our expertise and experience will help us avoid and overcome them.

Lots of exchanges have encountered difficulties troubleshooting security breaches which originated as a result of poor precautionary measures. We have made robust security absolutely central to each aspect of the design and development of the BITTO token and exchange. We have incorporated the industry's best practices to build a genuinely secure infrastructure, including ISO/IEC 27001:2013 and the CryptoCurrency Security Standard (CCSS), integrating such features as:

- Complete hosting security strengthened by biometrics
- Dedicated cloud-based solutions & physical servers, located in key geolocations in U.S, Europe & Asia
- Robust real-time error-checking of KYC, AML & 2FA
- DDOS attack prevention
- Both Hot & Cold Wallet implementation, providing the highest level of security for staking & medium to long-term funds.
- Providing a decentralized exchange service, using a peer-to-peer system to allow participants to take loans and borrow directly using the platform, without any third party involvement in the process.
- BITGo wallet security provision.

b. Market Competition

The market of exchanges is currently the largest and the most competitive sector in the economy of cryptocurrencies. We understand that, and we are ready to face extreme competition in the process of shaping our exchange platform. We have carefully researched the needs and pain-points of users of current exchanges, and designed our bespoke offering of features and benefits to address these in a way which makes the BITTO exchange and ecosystem a unique one-stop solution to the needs of traders, now and in the future.

We regard this as our due diligence in risk mitigation, and believe in the core values and mission of our platform, combined with the expertise and process driving its development. We invite you to investigate this fully, before you join our Token Generation Event.

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Roadmap

Q3
2017

- Pre-sale: 22nd Dec 2017
- TGE Start: 16th Jan 2018

Q1
2018

- Eidoo Wallet implementation
- BITTO ERC20 Token upgrade to version 2 PoS by the end of March, 2018
- Website UI and landing page redesign and development with clean PHP by the end of March 2018

Q2
2018

- Launch of MVP 2.0
- Website update V2.0
- Further additional team members added
- Contest and 10 Selected coins to be voted in to be listed on the exchange during launch.
First batch of selected users to access and utilise beta version.
- Launch MVP 2.0

Q3
2018

- Launch of Exchange at www.bittoexchange.com / www.bitto.exchange
- Listing of 20 coins including top ICOs , estimated to bringing in 200,000 fresh users of the BITTO Exchange and BITTO Tokens

Q4
2018

- Registration of 10 next.generation ICO projects using the BITTO group, to be launched on BITTO ICO launch program
- Enabling direct fiat \$USD to cryptocurrency and cryptocurrency to fiat
- Introduction of BITTO Tokens used for acceptance on NGO websites as donation gateway

Q1
2019

- Establishing Signal providers that opt in for tracking and observation of their trading patterns and performance for Signal Interface.

Q2
2019

- Expanding further office branches in key financial prime areas.
- Signal Platform Testing Phase
- BITTO ICO Launch Program, with discounts for BITTO token holders
- Establish BITTO Foundation in South East Asia
- Launch of BITTO Personal Secure Exchange Wallet on IOS & Android App

Q3-Q4
2019

- Implement Signal Trading with Auto Shield Merchant and organisation outreach, to expand aid to individuals or charity organisations.
Provide corporate and SME business loans to BITTO P2P Network
- Launch of BITTO Welfare and Foundation for Charity, and individuals on IOS & Android App.

Q1-Q2
2020

- Relaunching and updating of BITTO Token source code and utility to reflect future market needs.
Integrating Signal and Lending platform on BITTO App. Further improvement and research into notification and valuable crypto related information.
- Signal Platform V2 implementing Telegram Groups into Signal Platform
- Establishing small business loan and accelerated funding options for local businesses and organisation

Future Development of BITTO

We are focused on providing future services online and also offline. While the current trend today is to bring all services and support online, we believe in having a traditional approach to customer interaction. By bringing a 'bricks and mortar' solution service to our clients, we believe we can raise interest in the cryptocurrency market and onboard more users to the ecosystem over time.

a. Global Offices

Local support teams will provide support to users, and minimize backlogs and resolution time for any issues which users might face on the platform.

We will hire Global Business Development Managers to promote and increase acceptance and usage of BITTO currency, as a cashless currency among local merchants where this is legally permitted.

We know that the acceptance of bitcoin and other cryptocurrencies in the real-world is expanding rapidly. Thus BITTO aims to be at the forefront of this growth, contributing to a rapid and positive explosion of use, and the mainstreaming of the way crypto will be viewed and accepted in the future.

b. Launch secured BITTO Wallet Application

We plan to launch the first ever token exchange app where users can trade major cryptocurrencies on our exchange and keep it safe and secure in their BITTO Cold Wallet. New users in particular often find using multiple applications confusing, and may be inclined to leave funds on an exchange inadvisedly – by providing wallet functionality fully integrated with the exchange itself, we will be supporting best practice and educating our users, whilst offering them the highest levels of security for their appreciating cryptoassets.

Using the 2-step verification services that implement the Time-based One-time Password Algorithm by Google is another way we are improving our security measures.

c. Blockchain technology that has the benefit of both ETH & BTC

Using the ERC20 Ethereum network as our backbone, we hope to ensure low and quick fee transactions. (Approx. \$0.30 compared to Bitcoin \$10 at peak levels).

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Future Implementation

There are several initiatives we plan to implement in the future:

- **Voting for Signal Providers to show appreciation and raise their rate.**
- **BITTO tokens will be used as an intermediary currency to buy and sell Merchant products on BITTO Exchange.**
- **There will be a mobile wallet BITTO exchange app with online and offline access. (Currently, we are still testing a backup wallet in case if user's mobile phone goes missing, so their tokens are safe.)**
- **Local offices are going to be established to provide further exposure and ease of accessibility to users and Merchants.**

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F.A.Q.

1.0 How are lenders given priority queue?

The precedence is given to the Premium Lenders on a 'first come; first serve' basis via system arrangement. The system queues premium Lenders through FIFO.

2.0 Will there be a limit to the number of Stakers?

The main factor in deciding a limited amount of stakers is going to be the profitability ratio.

3.0 When will BITTO exchange be implemented?

While we understand that many of our investors are eager to see the launch of our exchange, we are proceeding with prudence and diligence to develop the back-end infrastructure of setting up servers, platform, and implementation of our product suite.

The platform is being upgraded and tested to ensure that when we go LIVE in the third quarter of 2018, we will provide a 100% robust and reliable safe, secure, fast and rewarding experience. Your patience will be rewarded with a highly valued BITTO token when we finish the proper groundwork, and launch our exchange platform.

Thank you for seeing this through with us. Our timelines in the roadmap are necessarily conservative – with aggressive investment and development breakthroughs, we may have our mainnet exchange for our first 1000 users to be launched sooner than Q3. However we will only launch when testing is complete, and absolute security and functionality guaranteed.

15 Team



NIC CHIN
Co-Founder
(Cryptocurrency Trader,
Blockchain Developer,
and Mining Enthusiast)



STEPH SIM
Co-Founder,
Investment
and Operation
Development



**ADAM
RADIVOJEVIC**
Marketing and
Social Media
Manager



STEVEN
Exchange Trade Manager
(5 Years Retail Private Forex
Trader with a Portfolio of over
\$1 Million in management)



AKSHAY RAVI
Business
Development
Executive (U.S.A)



A.J LLOYD
Business development
Manager (E.U)



BITTO EXCHANGE ADVISOR

ISMAIL MALIK
Blockchain R&D + TGE Strategist
Editor In Chief for TGE Crowd
[TOP 100 Most Influential Blockchain People](#)

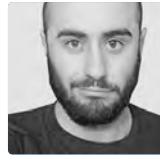
Development team



RUSDY MASYKURI
Programmer and
Security Specialist



SRDJAN ARAMBASIC
Web and Frontend
Developer



MARKO RAJEVIĆ
Frontend
Developer



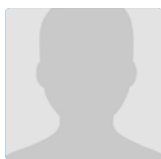
TEDDY ZUGANA
Senior
Web Developer



AJI SAPUTRO
Web Application
Developer



**RULLY
ABDILLAH**
Network and
Security Engineer

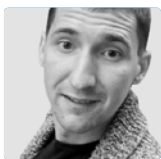


DANIEL
BITTO Backend Exchange
Lead Developer (Previous
Binary.com Senior Developer)

Marketing Support Team



**VIKTOR
KONVALOV**
Marketing Advisor



**ANDREW
KOVALCHUK**
Web Developer



**EUGENE
MEDVEDIEV**
Web and Print
Designer

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Conclusion

The BITTO team has already established a solid basis for sustainable medium-term growth based on the existing products and infrastructure.

We have a long-term business plan for further product development. The current market situation demands a new synergic exchange solution, and BITTO is going to fulfill the role a secure trading provider and offer the much-needed infrastructure to become a market leader with the help of services and reliable network.

We believe that blockchain and cryptocurrencies are the payment method of the future. To make such payments possible for all consumers with maximum convenience, we aim to connect the blockchains in the background and offer an easy-to-use interface to our users.

Our goal is to ensure users enjoy the best the blockchain technology has to provide today.