

1. Disclaimer

This paper is only informative, rather than giving advice on transactions pertaining to equity in Turing Derivatives Exchange ('TDEX') or its securities. Any proposals or inquiries of a similar nature will be made under credible terms and permitted by applicable securities legislation and other relevant rules. Moreover, the information and analyses below do not constitute a suggested course of action for investment decisions.

This paper does not constitute any investment advice about any securities form, investment intention, or instigation of investment.

This paper neither constitutes nor is understood as an offer of any transaction, any behaviour to invite any transactions for securities in any form, or any contract or commitment in any form.

TDEX makes it clear that relevant interested users have clearly understood the risks of TDEX and that, once participants get involved in the project, it means that they are aware of and have accepted the associated risks of the project and are thus willing to experience any and all corresponding results or consequences.

TDEX expressly disclaims any liability whatsoever for any direct or indirect losses arising from the participation in the project of TDEX, which includes:

- Economic losses caused due to users' transactions;
- Any error, negligence or inaccurate information due to individual understandings;
- Losses resulting from individuals' transactions of various blockchain assets and any resulting behaviours.

Turing Derivatives Exchange token, or TDEX, is an encrypted token used on the TDEX platform.

TDEX is not to be considered as an investment. We cannot guarantee that TDEX will rise in value and, in some cases, its value might decrease. A person not using TDEX correctly may forfeit the right to use such tokens and even lose them. TDEX is not a kind of ownership or control right.

Controlling TDEX tokens does not represent taking ownership of TDEX or TDEX applications, and TDEX does not grant any individual the right to control TDEX or TDEX applications.

2. Abstract

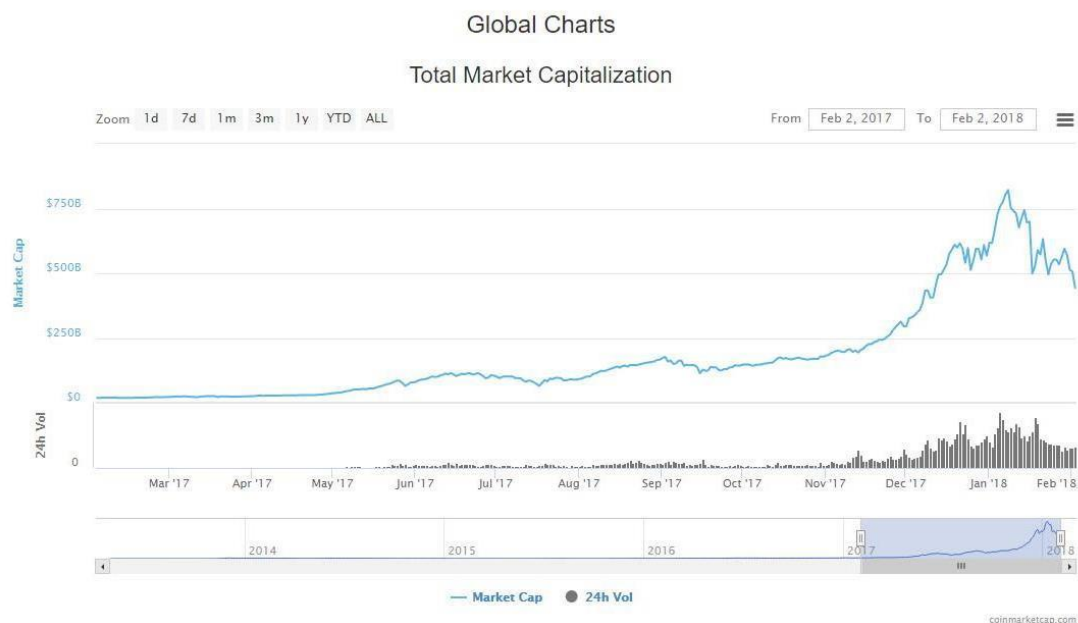
The blockchain industry is maturing after undergoing a sudden boom. Traders participating in blockchain-based digital assets market are gaining insights into this industry. Given the problems of existing digital exchanges such as monotonous investment models, simple platform interface and limited trading options, traders are in need of a more professional digital exchange, which is a challenge and opportunity as well for us. TDEX will deliver an industry-leading framework that combines traditional markets and digital assets with various investment models and brings

exceptional user experience in trading digital assets. Redefining the way users participate in digital assets trading, TDEX will offer more regulated and highly efficient blockchain exchange service.

3. Market Analyses

3.1 Blockchain-based Digital Assets Market

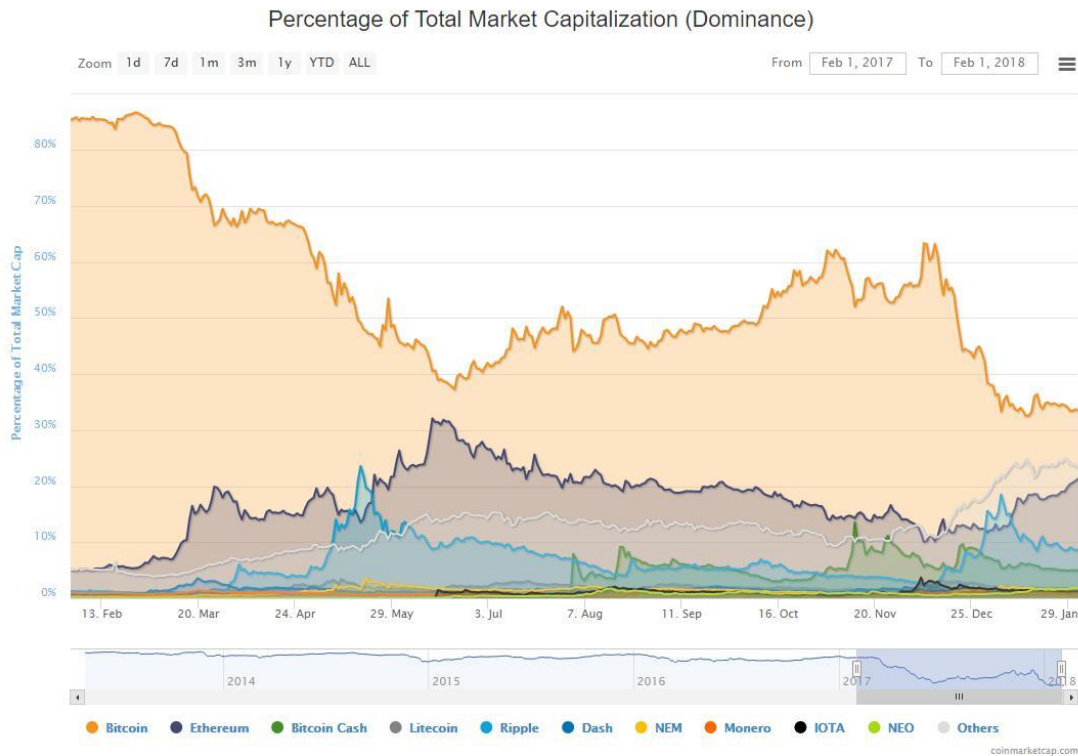
The market price of Bitcoin soared in 2017, leading to continually growing interest of individual or institution investors in digital assets market. Everyday there are new players piling into this market. According to CoinMarketCap data, the transaction volume of cryptocurrencies has grown by 2700% from February 2017 to February 2018.



Total Market Capitalization from February 2017 to February 2018 from Coinmarketcap.com

Take Bitfinex, a trading platform for cryptocurrencies, as an example. Its daily average transaction volume reaches 30 billion RMB. If Bitfinex charges 0.1% on transaction fees, then it earns a revenue of 3 million RMB daily. By February 1st 2018, Bitcoin and Ethereum together make up 54.55% of total market cap of all cryptocurrencies. Other digital assets¹ are also grabbing their shares in the market. They experience an escalation from below 10% to 49% of total market cap of cryptocurrencies market from February 2017 to January 2018. New cryptocurrencies are introduced every month, making this market more diversified. To keep up with industry trends, more requirements are put forward for blockchain-based digital exchange platforms.

¹ Other digital assets are all digital assets except Bitcoin and Ethereum.



Percentage of Total Market Capitalization from February 2017 to January 2018 from Coinmarketcap.com

3.2 Current Challenges of Cryptocurrency Exchanges

3.2.1 Interchangeable and Unable to Satisfy Multiple Needs of Users

Existing trading platforms are pretty much the same in their features. Their system designs are monotonous, simply duplicating and mixing existing trading mechanisms. Thus, the close similarity in trading platforms makes it more difficult to attract users in the long run. Players who join the emerging market of blockchain technology tend to embrace novelty, hence they are more likely to put forward demands for uniqueness and innovation in trading platforms.

3.2.2 Simple Functions and Bad User Experience

As a result of lacking industry experience in financial markets, teams of existing trading platforms fail to consider practical function design and trading habits, resulting in bad user experience. Admittedly, convenience in operation is one of the factors for improving user satisfaction. However, a professional digital exchange should also take into consideration different investment needs and even think ahead of users. Therefore, apart from providing basic trading functions, TDEX draws experience from traditional financial trading activities and optimizes investment models.

3.2.3 Insufficient Support for Customers

Customer service is inseparable from a trading platform. In light of the volatility of cryptocurrencies market and money security, users require more support from the trading platform. However, customer service on most existing trading platforms is cumbersome and ineffective, unable to fulfil users' growing expectations.

4. TDEX Platform Overview

4.1 Our Mission

TDEX is a globally accessible blockchain-based digital exchange. We strive to provide cryptocurrency enthusiasts worldwide with a professional, safe and fair trading platform driven by digital technology. We are able to realize this goal by our strong IT development team, advanced trading features, and the user-oriented design of product.

4.2 Our Advantages

4.2.1 Industry-leading Combination of Diversified Trading Mechanisms

TDEX dedicates itself to the sphere of blockchain digital assets. Based on the continuing activity of digital assets in the financial technology space, TDEX seamlessly integrates features of traditional financial trading services with the growing digital asset economy, building a trading platform incorporating multiple investment models for users of all levels with different needs. Unique functions of switching from various trading models allow users greater freedom of participation in trading activities. It's easy for anyone to find a trading style suitable for himself. At the early stage, TDEX offers futures contract trading for several digital assets with adjustable leverage. In the near future, TDEX will support trading pairs with all of the major cryptocurrencies, over-the-counter trading, and trading TDEX token for Bitcoin or other cryptocurrency.

4.2.2 Innovative Professional Interface Design

We believe that positive user experience can help us retain users and improve their trading frequency. After careful study of users trading habits, based on blockchain assets trading, TDEX plans to design an industry-leading professional interface and a fast trading interface employing a forex trading style. We think it likely that this brand new attempt will surprise people willing to discover the world of digital assets.

TDEX allows users to send both standard and non-standard order types, including Market Orders, Limit Orders, Stop Orders, Trailing Stop Orders, Post Only Orders, Hidden Orders and OCO (One Cancels Other) Orders. The system will also allow for several different TIF (Time in Force) options, such as GTC (Good till Canceled), IOC (Immediate or Cancel), and FOK (Fill or Kill).

TDEX is intended to be accessible from both a web browser and via our own TDEX-branded iOS and Android apps. Besides, we also support users in multiple languages. Our multi-platform and language support attempts to satisfy users' needs of trading digital assets in various contexts, bringing users seamless trading experience.

4.2.3 Comprehensive Trading Functions

With insights into trading psychology and user habits, TDEX includes a wide range of functions such as merging or splitting positions, adding or removing assigned margin, adjusting the leverage in an open position, etc. Aligned with user habits, all these function designs bring about more possibilities for beginners and advanced traders, maximizing the convenience and flexibility of trading digital assets.

In TDEX users can have both long and short positions for the same instrument (hedging). TDEX even takes the lead in developing functions of merging or splitting positions. Merging allows users to offset the exposure between several positions for the same instrument without a market transaction, hence avoiding commissions and spread. In other way around, TDEX users are able to split a position into two, which is an opportunity for users to execute different trading strategies.

4.2.4 Promising Official Tokens

TDEX official token is called Turing Derivatives Exchange (TDEX) token, which will be launched simultaneously at release of the TDEX platform on August 1, 2018. We aim to build up a token ecosystem: During the 200-day token release, users participating in transactions in this period will receive TDEXs as rebates (see section 5.3 for further details) and receive payouts for holding our tokens. After 200 days of token release, users can enjoy discounted transaction fees by paying in TDEX. The net worth of TDEX is going to rise with time, because of the fixed supply, the growing users base, and more events it will support in the future, hence bringing significant value to early adopters².

4.2.5 Convenient Transaction Process

In support of anonymous trading, TDEX does not require users to finish real-name registration. All a user needs to start his journey of trading digital assets is to sign up by email.

4.2.6 Highly Efficient Customer Service

² Early adopters: In this whitepaper, it refers to institutional investors during TDEX private pre-sale and TDEX buyers during token sales.

To ensure that users of all levels feel welcome by our platform, TDEX provides multi-channel support for users, including webpage, email, telegram, etc. Users can also find detailed instructions on the official site of TDEX so as to reduce unnecessary communication cost and we can make sure that priority is given to urgent requests.

4.3 Team, Advisors and Investors

TDEX has brought together a team of experts with backgrounds in the payment systems and blockchain specialists.

TDEX team is led by the CEO Terry Li, an expert on blockchain-based fin-tech with more than ten years' management and marketing experience in internet financial instruments. He is the author of 'Explanation on Trading System Lab (TSL)' and 'Intelligent Algorithmic Trading Systems for Beginners'.

Advisors and Investors

Rong Zhu

- Founder and CEO of Yinglian Capital
- Founded 796 Exchange, world's 1st exchange trading crypto future contracts; former CEO of 796 Exchange

5. TDEX Token

5.1 Introduction

TDEX official token is called Turing Derivatives Exchange (TDEX) token. As decentralized blockchain digital assets, TDEX complies with Ethereum ERC-20 standard, transferable and tradable on TDEX. During the token release -- i.e., the first 200 days after its launch, **TDEX users receive TDEX as a rebate for trading and TDEX holders get rewarded for holding TDEXs**. After 200 days of token release, TDEX holders can enjoy discount on transaction fees by paying in TDEX. The max supply of TDEX is 1,000,000,000. TDEX promises that the number of TDEXs is fixed and will never be increased.

5.2 Specification

Token Name	Turing Derivatives Exchange token
Symbol	TDEX
Max Supply	1,000,000,000

Number of Decimal Points	18
Usage	TDEX is transferable, can be traded in the exchange and used to get discount on transaction fees in TDEX, etc.
Start	August 1, 2018
Duration	200 days
Number of Daily Released Tokens	10,000,000

5.3 Token Sale

5.3.1 Token Release

Starting from August 1, 2018 simultaneously at release of the TDEX platform, 10 million TDEXs are released daily for 200 days. There will be 1 billion TDEXs released in total. TDEX offers users rebates for trading in TDEX during the token release. The daily released TDEXs are given to the TDEX users in proportion to their trading volume on the day before. The more a user contributes to TDEX, the more TDEXs he receives.

5.3.2 Token Distribution

During the 200-day token release, tokens will be allocated to the following sectors:

1. Transaction mining rewards accounts for 60% of TDEXs. Users who participate in transaction receive 50% of TDEXs as rebates, and referrers receive 10%. Our team calculate transaction results on TDEX every 4 hours. A user will receive TDEX rebates according to the portion of his transaction volumes to the total transaction volumes of TDEX. The number of TDEXs a referrer receives depends on the portion of his referee's transaction volumes to the total transaction volumes of TDEX.
2. 15% of TDEXs are for subscribers.
3. TDEX team reserves 5% of TDEXs.
4. 10% of TDEXs go to Yinglian Capital, the business incubator of TDEX.
5. 10% of TDEXs are used for promotion. Upon successful registration, a new user will receive 2 TDEXs as reward. Each TDEX account enjoys the benefit of first-time deposit -- buy 1000 TDEXs at a low price. Detailed information on promotion plan will be announced on TDEX official site.

5.3.3 The Burning of TDEX

TDEX will burn 50% of net revenue from transaction fees in the first year after its launch, 40% in the second year, 30% in the third year, 20% in the fourth year, and 10% in the fifth year. As the circulating supply decreases as a result of the burning, there will be appreciation in the value of the remaining TDEXs.

5.4 Use of TDEX

We understand that long term value of tokens starts at utility and their price also relies on supply and demand. In order to help increase circulation and reduce volatility of TDEXs, we have designed an approach as outlined here: During the first 200 days after the launch of TDEX, TDEX holders receive payouts in proportion to his holdings of TDEX. After the first 200 days, TDEX holders are able to use TDEX to get discount on transaction fees.

TDEX perpetual contracts will be launching simultaneously with the issuance of TDEX. Subsequently, the exchange between TDEX and BTC will also be available. We encourage our users to hold and use TDEXs, which will have positive influence on the net worth of TDEX and allow TDEX to circulate. This will contribute to the development of TDEX in return.

5.4.1 TDEX Payouts during Token Release

During the first 200 days after the launch of TDEX, TDEX holders receive payouts for holding TDEX. Every 4 hours, all profits from transaction fees incurred in TDEX will be distributed to all TDEX holders. The number of TDEXs one can receive is proportional to the number of his holdings of TDEXs divided by the total circulating supply of TDEX in the accounting period. TDEX can also pay dividends in other cryptocurrencies, which depends on transaction volumes. TDEX holders will benefit as demand for transactions in TDEX increase. If transactions in TDEX grow, this will also result in more cryptocurrencies to be returned to TDEX holders.

TDEX will conduct accounting every 4 hours to see the number of TDEX holdings in every user's account. TDEX payouts will be put to users' accounts after each accounting period.

For example, if TDEX earns 10 BTC out of transaction fees for trading XBT-USD cryptocurrency during one accounting period, and a user holds 1,000 TDEXs, the payouts will be 1,000 by 5,000,000 (0.02%). Thus this user can receive 0.002 BTC for TDEX payouts. If there will be new cryptocurrency pairs generating transaction fees in TDEX, the calculating method for payouts in other cryptocurrency is like the example of XBT-USD mentioned above.

5.4.2 Discount on Transaction Fees after Token Release

TDEX holders can enjoy deep discount on transaction fee when using TDEX tokens to pay after token release. Whichever cryptocurrency pair a user is trading and whatever cryptocurrency is charged for transaction fees, the system will give the user a 50% discount of deductible fees. The

transaction fees after a discount will be converted to equivalent amount of TDEX at market price. If users hold TDEX and turn on the function of using TDEX to pay transaction fees, the transaction fees will be paid in TDEX automatically.

For example, when a user is charged 0.001 BTC for trading future contracts on BTC, if he pays transaction fees in BTC, then he is not able to get a discount and has to pay exactly 0.001 BTC for transaction fees. If the user holds TDEX and turns on the function of using TDEX to pay transaction fees, he can enjoy a 50% discount, paying an equivalent amount of 0.0005 BTC in TDEX.

Converting logic of TDEX market value: If the transaction fees is charged originally in ETH, we will calculate it by the exchange ratio of ETH to TDEX at the market price, which is based on the market price of ETH / BTC and TDEX / BTC.

Conversion Formula: Exchange ratio of ETH/TDEX = (ETH/BTC) market price / (TDEX/BTC) market price

TDEX update cycle for the market price is 1 second.

When users turn on the function of using TDEX to pay transaction fees, there will be a discount on transaction fees. If users turn it off, TDEX will charge 100% transaction fees.

5.5 TDEX will provide increased value for early adopters

TDEX will release a fixed amount of 1 billion TDEXs. TDEX promises that the number of TDEXs will never be increased.

The only way to enjoy discounted transaction fees is to hold TDEX. Latecomers who want discount on transaction fees will need to buy TDEXs on the exchange at market rate from the early adopters of TDEXs. Compared to latecomers, early adopters get TDEX with a low cost or even without cost, and earn passive income during token release. Users are encouraged to trade on the exchange and pay in TDEX, which will in turn increase the number of TDEX in circulation. As the number of TDEX users grows, so will the price of TDEX, which will lead to more utility and use on the platform. The increased value of TDEX as a result of fixed supply, rising demands and growing users base brings a considerable return-on-investment for early adopters.

5.6 Comparison to official tokens from other blockchain-based digital assets exchanges

The following table compares TDEX with official tokens from other blockchain-based digital assets

exchanges.

Token	Total Supply	Payouts	Discount on Fees	Buyback / Destroy	Get for Free
BIX Token	500 million	×	√	√	×
Binance Coin	200 million	×	√	√	×
KuCoin Shares	200 million	√	√	√	×
BridgeCoin	27 million	√	×	×	×
COSS	200 million	√	×	×	×
CryptopiaFeesShare	6300	√	×	×	×
OKB	1 billion	×	√	×	√
Huobi Token	500 million	×	√	√	×
ZB	21 billion	×	√	√	√
Turing Derivatives Exchange token	1 billion	√	√	√	√

6. Roadmap

2017 August: Concept design and trial

2017 November: TDEX development began

June 25, 2018: Launch of the private pre-sale

2018 July: Launch of TDEX Beta Test

August 1, 2018: Transaction mining starts; 200-day payouts of 100% profits from transaction fees

2018 September: Launch of more cryptocurrency derivatives perpetual contracts

Post 2018 September: Burn revenues from transaction fees in TDEX

7. Conclusion

In this era of cryptocurrency exchange, it took months of painstaking effort for us to build up TDEX, which is well grounded on its professional service and security. We strive to make TDEX the mainstream cryptocurrency derivatives exchange.

³ COSS will give out its unsold tokens to charities.

⁴ 60% (300 million) HTs are given away for free as a benefit for the purchase of 'point cards'. Huobi so far has not yet announced details on rewarding users HTs at the time we draft this whitepaper.