



Ternion

**Bridging the gap
between traditional
and decentralized
finances**

LIGHTPAPER 2.0

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Attention

Residents of the People's Republic of China and the Republic of Singapore, as well as residents of the United States of America who are not accredited investors, are prohibited from purchasing, selling or performing any other kind of transactions with Ternion tokens. Upon taking part in any such transaction, residents of the above countries will bear full responsibility for any consequences, and they indemnify Ternion OÜ from any damage, claim and responsibility.

What is Ternion

Ternion is a regulated cryptocurrency exchange based in Estonia offering first class fiat-to-crypto and crypto-to-crypto exchange and payment processing solutions. Holding a cryptocurrency license that will provide a platform for institutions to interact with the Blockchain, Ternion OÜ will launch a fully functioning exchange platform during 2018. The Ternion ecosystem is made up of three pillars: Ternion Exchange, Ternion Payments and Ternion Liquidity Fund. Ternion blends the security of traditional financial platforms within the framework of a cryptocurrency exchange. Ternion offers contributors seamless transition between the old world of fiat currencies and the new world of Cryptocurrencies. As liquidity on

the centralized exchange increases, Ternion Exchange will incorporate a decentralized exchange (DEX) platform.

The Ternion Ecosystem provides a real solution for all legal financial institutions that are understandably nervous to utilize the growing cryptocurrency exchanges, by operating under a license [FVR000209]. This license will allow institutions to safely operate with cryptocurrencies. The Ternion Exchange provides a simple, secure and diverse offering with full customer support. The payment processor will enable Ternion's customers and merchant partners to seamlessly integrate cryptocurrencies into their day-to-day lives.

Introducing Ternion: A regulated, secure platform to accelerate cryptocurrency adoption

Ternion is a multi-faceted exchange platform with the overarching goal of increasing accessibility to crypto currency markets. The Ternion ecosystem (where "Ternion" means a group of three) will consist of three pillars; The Ternion Exchange, The Liquidity Fund and Ternion Payments, all overseen by a singular parent entity Ternion OÜ.

Having obtained a cryptocurrency license [FVR000209] that will allow institutions to efficiently operate with cryptocurrencies, Ternion will begin by launching the Ternion Exchange during 2018. From 2Q'19 Ternion will offer payment processor solutions to both merchants and individuals.



Ternion Exchange

- › Supports Ternion Payments
- › First-class User Experience & Usability
- › 24/7 Support, Security & Transparency



Ternion Liquidity Fund

- › Provides Ecosystem Capital Risk Hedging
- › Sustains Ternion Exchange Trading Pool
- › Manages Ternion Payments Liquidity



Ternion Payments

- › Accept Cryptocurrency, Receive Fiat
- › Regulated Financial Institution
- › Simple API Integration

The Ternion Ecosystem: Focused on a sustainable and operationally efficient business model



The three pillars of the Ternion ecosystem fall within the remit of the Ternion OÜ parent company. Our system is designed in such a way that each element contributes to the on-going efficiency of the Ternion Ecosystem.

The Ternion Token Ecosystem

Ternion's ecosystem will be supported by the TRN Utility Token. The TRN Token is an ERC-20 compliant token to be issued on the Ethereum blockchain. The TRN token will be the core payment mechanism for all goods and services exchanged through the Ternion Ecosystem.

Overview of the Ternion Ecosystem

Overview of the Ternion Ecosystem

Within the Ternion Ecosystem, all internal revenue-generating mechanisms are geared towards upholding the Ternion Liquidity Fund. Just as the Ternion Financial Model relies on natural market forces to support Ternion liquidity, so too does the utility functionality of the Ternion token. The TRN token is exceptionally well integrated into the Ternion Ecosystem, serving as a method of exchange for fees incurred through the Ternion Exchange and the Ternion Payments business. This utility mechanism may result in higher demand for TRN token, which is then channelled back into the ecosystem, creating a contained cycle of supply and demand.

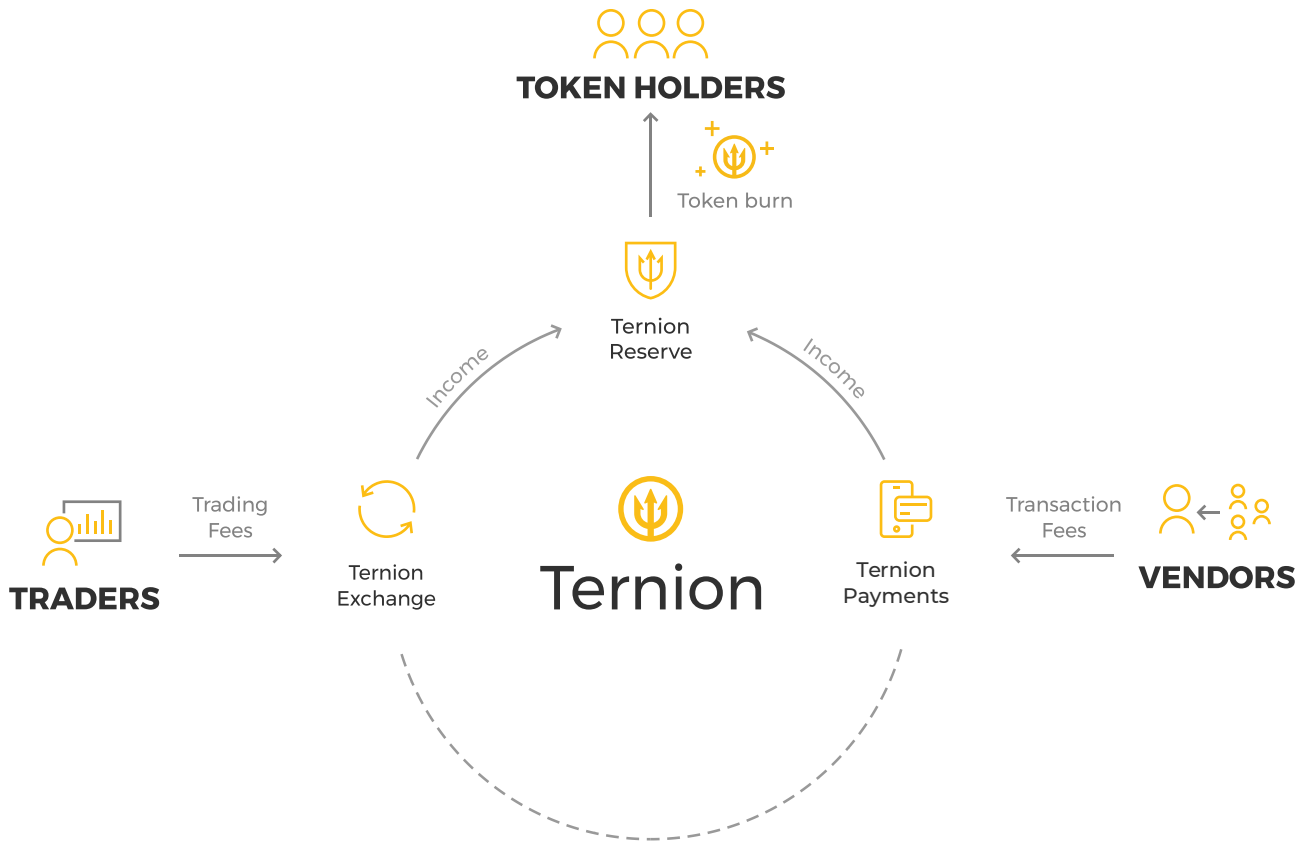
The Token Utility Features: Liquidity Support

The TRN is a utility token positioned to grant users access to a variety of benefits within the Ternion Ecosystem. TRN utility functions include to pay for:

Ternion Exchange	Ternion Payments	Ternion Liquidity Fund
<p>Access to additional plugins on the Ternion Exchange:</p> <ul style="list-style-type: none"> • Technical indicators, trading signals, latest news, online reports • A fixed fee of \$2.5K for the plugins is to be paid in TRN Tokens 	<p>Merchant Fees</p>	<p>Fees for cross exchange liquidity purchases</p> <ul style="list-style-type: none"> • Available to high volume traders • Source liquidity from alternate exchanges for arbitrage ops
<p>Coin and Token Listings on the Ternion Exchange</p>		
<p>Trading Fees</p>		
<p>Advertising with the Ternion Exchange</p>		

Financial Model: Asset Price via Token Burn

In order to facilitate reliable liquidity, Ternion operates around a financial model built on market forces. The Ternion financial model and the ecosystem that supports it ensure the Ternion token remains relevant. The Ternion token (TRN) is an intrinsic part of the Ecosystem and serves as the native currency for Ternion's three fundamental pillars: The Exchange, Ternion Payments and The Liquidity Reserve.



Step 1: Revenue Generation

- The Ternion Exchange operates based on a progressive commission (from 0.25% down to 0.1% based on monthly traded asset volume).
- Ternion Payments charges a 0.85% - 1.5% commission per transaction, dependent on the purchasing currency.

Step 2: Token Buyback

- Ternion uses 25% of accumulated funds to perform token buyback. Ternion stores 25% of accumulated funds in the Liquidity Fund to always have available liquidity towards the expansion of Ternion globally.

Step 3: Token Burn

- Ternion then burns the token, reducing total Ternion circulating supply.

Ternion Initial Coin Offering

The Ternion Token (TRN) will be used as the method of exchange across the entire Ternion Ecosystem. This includes trading fees, merchant fees and listing fees. TRN will only be created during a single event commencing during the private pre-sale. Further, no tokens will be created once the final round of the ICO is complete. Any unsold tokens will be destroyed.

What the TRN Tokens are not:

- ✓ Ternion Tokens are not offered as a security.
- ✓ Ternion Tokens do not pay any dividend, commissions, shares or provide equity based on their acquisition.

What TRN Tokens are:

- ✓ TRN Tokens are an Ethereum based ERC20 Cryptocurrency.
- ✓ TRN Tokens are the method of exchange used across the Ternion Ecosystem.
- ✓ TRN Tokens only have value in the Ternion Ecosystem.
- ✓ TRN Tokens are available to hold in your compatible ERC20 wallet.
- ✓ TRN Tokens are Exchangeable on Cryptocurrency Exchanges
- ✓ TRN Tokens have 4 decimal places.

Token Structure

Maximum total supply:	95 000 000 TRN
Available in pre-sale:	22 500 000 TRN
Available in public sale (Plus any unsold presale tokens)	53 500 000 TRN

SOFT CAP : \$5 000 000
HARD CAP : \$30 000 000

Minimum Contributions:

- Round A, minimum transaction: \$125,000 (Individual cases may be considered)
- Public token sale, minimum transaction: 0.1 ETH

The following discounts depend on the amount contributed during the:

- **Round A:**
1 TRN = \$ 2.261.
Up to 50 000 **discount 30%**
1 TRN = \$ 1.615
From 50 000 till 125 000 **discount 50%**
1 TRN = \$ 0.646
Above 125 000\$ **discount 80%**
- **Round B:** discount up to 35%
- **Round C:** no discount

Token Sale

Token Sale Dates

The Ternion token sale is split into Pre A, A, B, C rounds. Presale and a Public Token Sale.

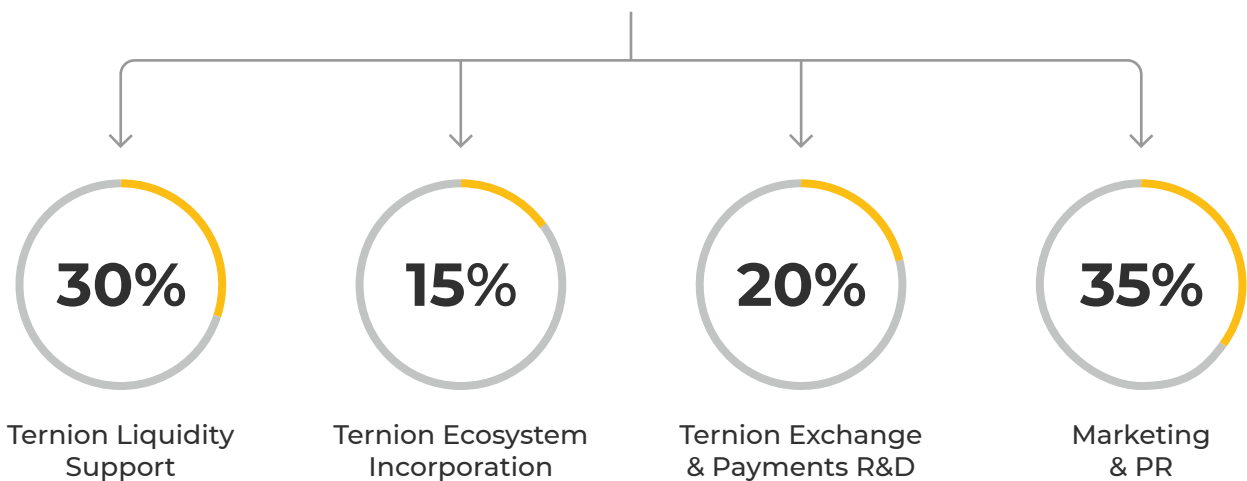
Token Presale (Pre-A round)

The Presale will run until: **June 28th 2018.**

The pre-sale will allow Ternion to raise the necessary funds to begin building the exchange, having a Minimum Viable Product (MVP) available during the Public Token Sale. The pre-sale will also help us acquire valuable feedback early on in the build, contributing to the efficiency of the exchange development process.

The funds raised during the public pre-sale will be used primarily for development and growth efforts, though a fraction will still go towards laying the foundation of the Ternion Liquidity Fund.

TERNION PRE-ICO FUNDS DISTRIBUTION



Public token sale

Once the Pre-sale is concluded and Ternion has developed an MVP Cryptocurrency exchange then the project will be open to a Public Token Sale. The Public Token Sale will go through 3 rounds, with a lower discount rate for each subsequent round.

ROUND A

June 29 - September 29

During the A Round Sale
22 500 000 TRN
tokens shall be sold at:
0.65 USD per TRN

The Discount will be - 80%

ROUND B

September 30 - November 30

During the B Round Sale
41 500 000 TRN
tokens shall be sold at:
2.10 USD per TRN

The Discount will be - 35%

ROUND C

December 1 - December 30

During the C Round Sale
12 000 000 TRN
tokens shall be sold if
necessary by Ternion
at a Price of 3.23\$

Token Sale Discount Rates

Earlier contributors will be rewarded for their commitment to the Ternion Ecosystem by receiving higher discounts.

Unsold Ternion Tokens

Any unsold Tokens will be destroyed by the Ethereum smart contract on December 31st. The PHP codes relating to this burn are available publicly on Github for review.

The issuing of tokens

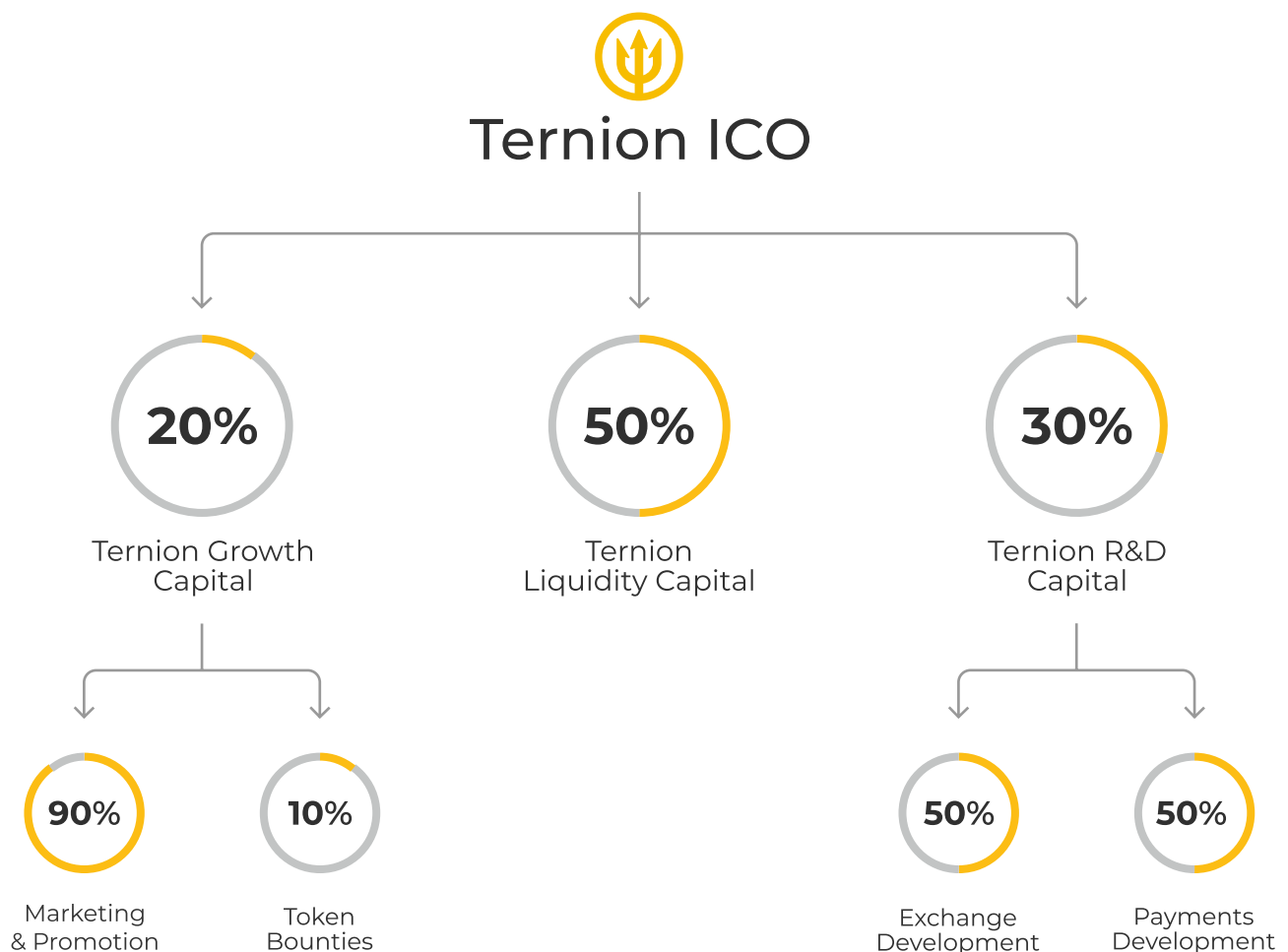
TRN Tokens will be issued to contributors within one month of the conclusion of the final round.

Refund Policy

If the Ternion ICO does not reach a soft cap of \$5,000,000, then all the money contributed, excluding the charges, will be returned to the respective beneficiaries to the same wallets that were used for the initial transactions.

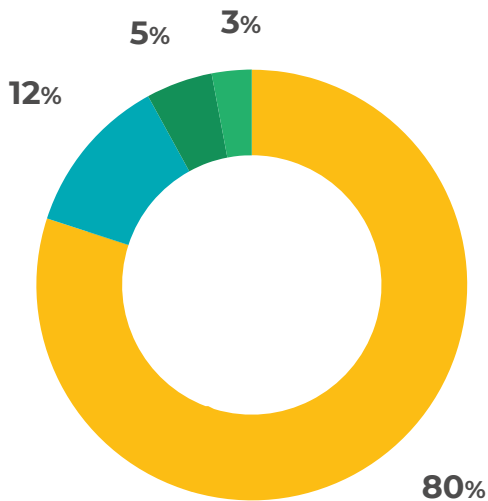
Allocation of Public Token Sale Funds

To fully capitalize the Ternion Liquidity Fund and complete the development of the pillars that make up the Ternion Ecosystem, the public sale will be the final leg of the Ternion ICO. Funds raised through the public sale will be distributed as follows:



Token Distribution

The Ternion Initial Coin Offering follows the baseline principle of non-minable, Ethereum based token distribution, in that all Ternion tokens are generated and distributed as part of the public sale process.



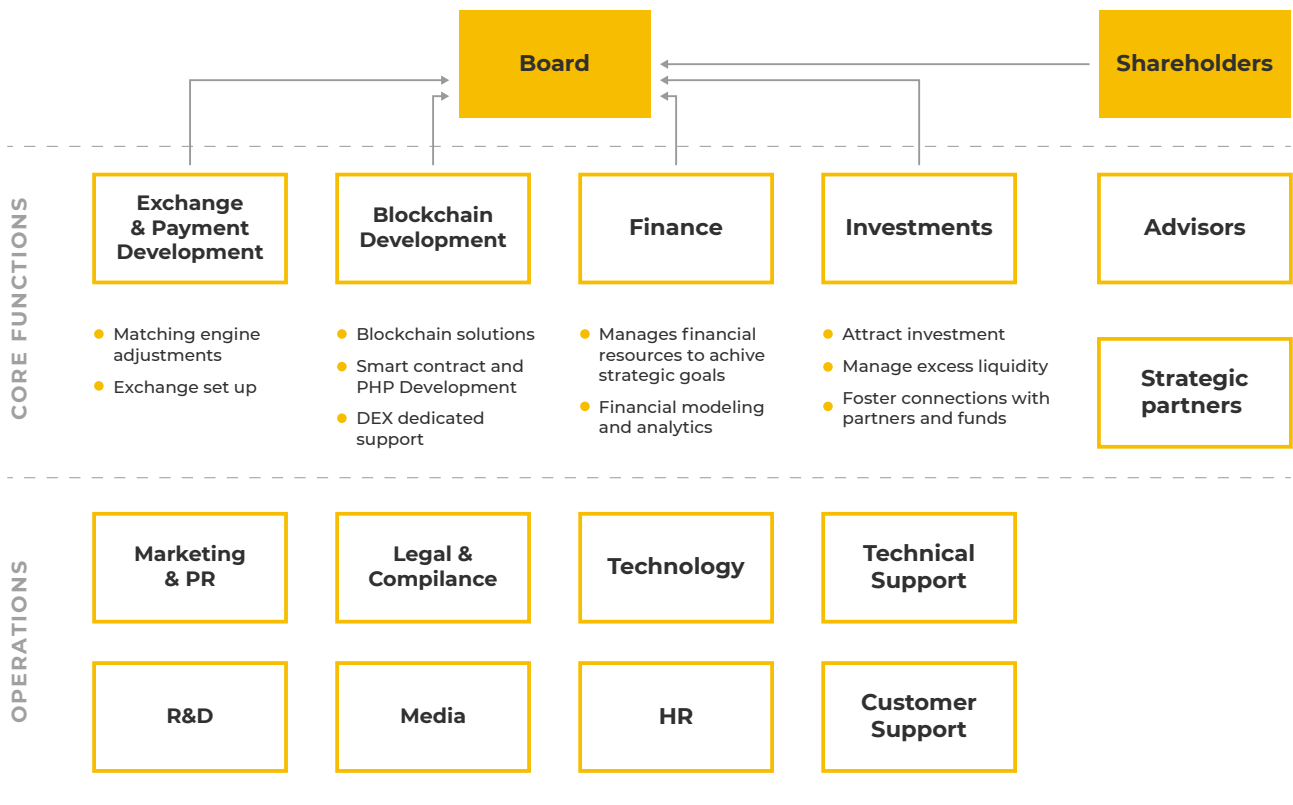
Ternion tokens will be distributed as follows:

- Will be available for purchase to the public during the Ternion Initial Coin Offering
- Will be distributed between the Ternion team with a five-year vesting period
- Will be distributed among the Ternion advisory board
- Will reward Ternion bug bounty program participants

Governance & Corporate Structure

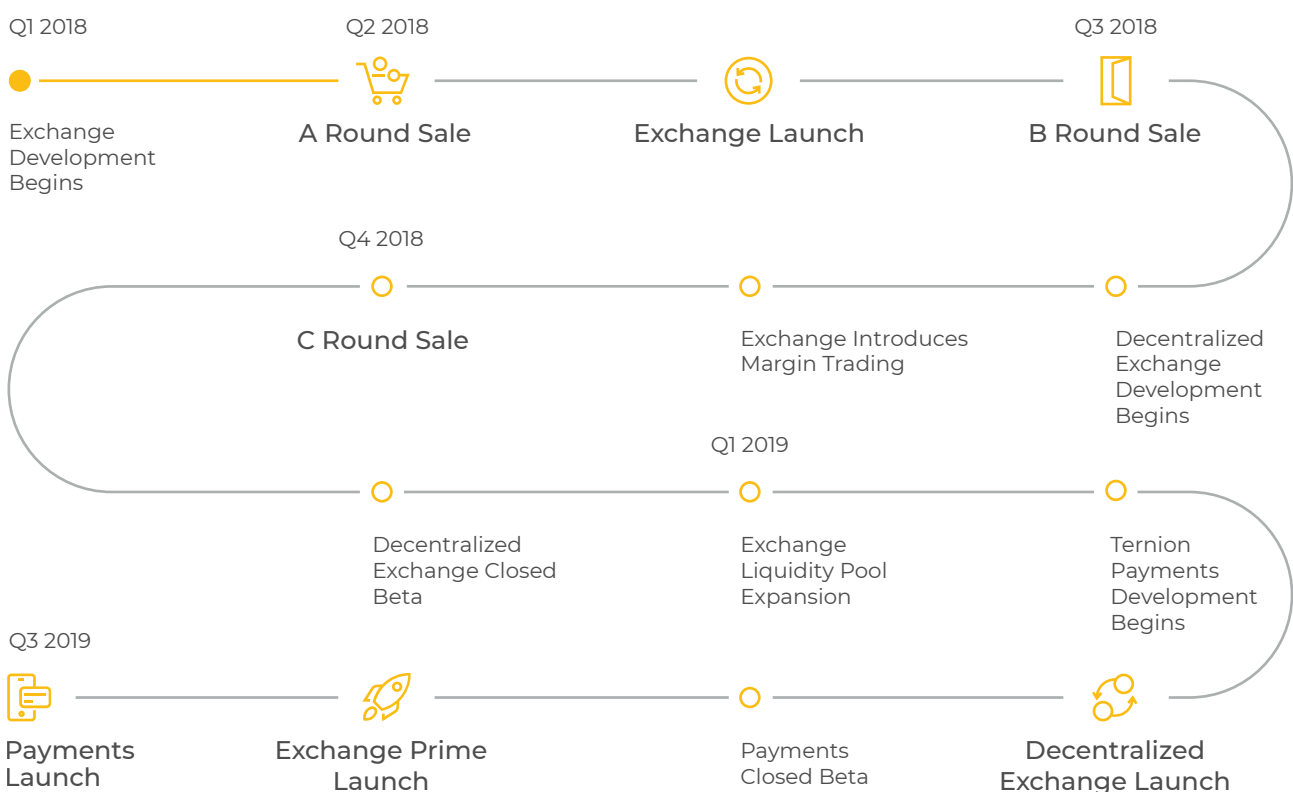
Ternion OÜ will be structured to have a clear division of roles and responsibilities while maintaining standard management structure with the unique objective of a reliable performance. The main target is growing the Ternion Ecosystem and promoting the Ternion brand. The Ternion team already consists of 15 full time employees dedicated to building a high-performance cryptocurrency exchange.





Roadmap

Working on the Ternion Ecosystem, our primary objective is to reduce the amount of time lost between major milestones and give contributors access to the Ternion Ecosystem immediately following the public sale. This will give us a decisive edge against competitors who tend to be mired in lengthy delivery times post-ICO. The following roadmap includes all the major steps in the development of the Ternion Ecosystem.



The Customer comes First

Our approach is simple. The customer experience is key. The frontend must have high usability, the backend must support that usability. Both the end user experience and our system architecture will support this goal to create a seamless trading experience for even the most demanding user.

Security is Paramount

A number of Cryptocurrency exchanges have failed due to weak security procedures. We, along with the crypto community, believe most prior breaches could have been prevented by taking simple precautions to protect customer and business resources. Our team has developed the Ternion ecosystem with security as a foremost concern.

The competition is fierce amongst cryptocurrency exchanges, however, many of those competitors remain unregulated. With a license granted by an EU authority and an exceptional team of technical experts, Ternion will help bring cryptocurrencies to the masses.

If security, customer experience, accountability and regulation are important to you, please join our ICO.