

PROOF

a smart betting ecosystem

OF TOSS

S H O R T P A P E R

VERSION
0.2.4

PROOF OF TOSS - THE SMART BETTING ECOSYSTEM

The total gambling market capitalisation today, according to multiple sources is worth an estimate of more than \$400 billion and is showing great potential for growth, embracing new technologies and innovation. The betting sector makes up almost a 6th of the total market cap.

PROOF OF TOSS is a decentralized betting ecosystem that is aimed to modernize and change the betting industry. Our platform allows anyone to create wagers, bet and judge – all for the purpose of winning TOSS tokens. What sets PROOF OF TOSS apart from the rest, is that we also cater to existing Bookmakers and other “players” of the betting industry.

By providing a solution that serves as a gateway to the world of blockchain and cryptocurrencies with all their perks, we aim to enhance the betting experience, while increasing the service provider's profit margins and market coverage.

PROOF OF TOSS is aimed at improving experience for all market “players” by solving the following problems:



Fraudulent activities and lack of trust



Long verification processes



Reliance on centralized systems



Lack of control over personal funds

COMPETITOR ANALYSIS

Our business model is pretty unique since we provide a solution for both the end users and businesses. Competitors include both blockchain peer-to-peer betting solutions such as BetterBetting¹ and prediction markets like AUGUR and STOX² as well as traditional bookmakers that represent a market of licenced and legal companies with a cumulative turnover of around 60 bn USD for the whole industry. The traditional online betting companies however we consider to also be our potential partners / clients / users since we are developing an open source solution for them to easily transition their existing business models to blockchain omitting third party payment solution providers, some scaling issues as well as providing them with a competitive advantage over other traditional online bookmakers by reducing running costs, increasing trust providing the ability to give better odds on wagers and increase profit margins.

Feature	PROOF OF TOSS	Blockchain projects				Traditional bookmakers ¹		
		Better Betting	STOX	Augur	Gnosis	Big players	Medium players	Small players
Transaction speed <i>the project is using a technology that supports high bandwidth (more than 60 transactions per second)</i>	+					+	+	+
Smart contracts <i>bets created and regulated by logics of smart contracts</i>	+	+	+	+	+			
Peer-to-peer platform for betting <i>decentralized solution for Peer-to-peer betting</i>	+	+						
Solution for bookmakers <i>open source solution on blockchain with the ability to integrate it into a traditional online betting company's business model</i>	+		+	+				
Single token economy <i>single token to run all types of activities inside the system</i>	+	+	+					
Different topics for betting <i>possibility to bet on different types of events</i>	+		+	+		+	+	+
Live betting <i>platform can support betting on live events</i>	+					+	+	+
Platform commission free <i>no platform commission</i>	+					+	+	+
No financial intermediaries <i>direct peer-to-peer transactions without financial intermediaries</i>	+	+	+	+	+			
No players blocking <i>it is impossible to block players</i>	+	+	+	+	+			
Instant payouts <i>no withdrawal delays</i>	+	+	+	+	+			

¹ Big players: bookmakers who have international licenses, in countries such as Malta, Gibraltar, Isle of Man etc, traffic more than 10M users per month, e.g. Betfair, Bwin, Bet365, Paddy Power, Coral, Parimatch, etc. Medium players: local companies, working in Canada, Russian Federation, Kazakhstan, Georgia, Australia, Chile with traffic more than 1M users per month, e.g. Pinnacle, Fonbet, Marathon, Vbet, Sportsbet, Polla etc. Small players: small bookmakers, with traffic more than 10K users, e.g. Golpas, Olybet, Betrebels, etc.

² According to our calculations and the market size a project needs to support minimum 60 transactions per second.

MAIN BENEFITS FOR OUR USERS

FULL CONTROL OVER THE FUNDS

IN YOUR WALLET

Users never lose control over their funds. Funds move from Wallet to Smart Contract to Wallet and thus cannot be hijacked, delayed or stolen by a third party.

VERIFIED RESULTS

We are using the wisdom of the crowd in our Judging and all Challenge events. Employing the "prisoner's dilemma" with clear risk and reward for any action taken by the crowd and relying on our random number generator to select Judges we insure that every decision will be right and true.

INSTANT PAYOUTS

All payments and payout logic is defined in smart contracts that are run automatically inside the system by the system.

MULTIPLE ROLES

We provide vast opportunities to win for all our users. A user can either create a Wager, place a Bet or join the Distributed Crowd Judge mechanism as a Judge. Users can only take on one role at a time. However, our token holders are not restricted from having multiple wallets.

NO TERMINATIONS OF SERVICE

The PROOF OF TOSS ecosystem is fully decentralized in terms of funds ownership. Each user retains full control over their wallet and therefore will always retain their right to access and interact with the ecosystem.

IRONCLAD RULES

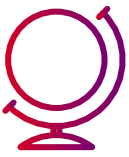
The ecosystem operates in accordance to the rules that are embedded into Smart Contracts, all actions made by the ecosystem are automated and abide those rules.

MAIN BENEFITS FOR BUSINESSES



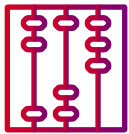
INCREASE PROFIT MARGIN BY ELIMINATING TRANSACTIONAL COSTS

The PROOF OF TOSS ecosystem operates using an internal utility token "TOSS", no intermediaries are required to handle transactions which eliminates some traditional costs.



INCREASE MARKET COVERAGE

The ecosystem for betting is built on blockchain, a technology that is borderless and highly active. Operators may leverage the new buzz to attract new players and increase market share.



HAVE THE ABILITY TO PROVIDE BETTER ODDS

The platform takes no commissions, with less costs, Operators have the opportunity to provide better odds to their players without sacrificing their profit margins and at the same time attracting more Players for their Wagers.



NO CHARGEBACKS

Transactions on the blockchain are irreversible, Operators are safeguarded by blockchain technology from claims and chargebacks.



BETTER LIQUIDITY

Conducting all payments directly to the wallet will increase liquidity by decreasing processing time.



STAY AHEAD OF THEIR COMPETITION

We see new projects entering the scene with solutions for their relative business sectors that Blockchain solves every day. PROOF OF TOSS will provide a free for all, open-source solution that will serve as a gateway to Blockchain tech and the crypto community for bookmakers that join.

MAIN FEATURES

Blockchain

Blockchain technology lies in the foundation of PROOF OF TOSS, it brings decentralization, flexibility, reliability and trust, characteristics that we believe will change the betting industry for the better. For the ecosystem to run smoothly, be scalable and retain all the basic principles of blockchain, we've chosen RSK's open-source smart contracts platform. Being a sidechain of Bitcoin, RSK provides high level of security by merge-mining that prevents the double-spend problem. RSK scales to 400 transactions per second creating blocks at 10 seconds average interval. Thus, the technology we use provides:



Speed



Decentralization



Security

The Wallet

- ⌘ Run authentication and allow access to the PROOF OF TOSS ecosystem
- ⌘ Check current balance of both TOSS tokens and SBTC
- ⌘ Handle TOSS tokens and SBTC transactions
- ⌘ Have one interface to work with both TOSS tokens and SBTC

Distributed Crowd Judging mechanism.



The ecosystem relies on the wisdom of the crowd and utilizes the prisoners dilemma in every judging decision made. Each Wager requires 50 judges to make their ruling, and 90% of them to vote for the same outcome. Wagers for Judges are chosen using the ecosystems random numbers generator.

In order to judge, a user has to make a deposit of TOSS tokens. This deposit is used to calculate each judges earning, at the same time, if a judge makes a ruling against the majority, the deposit is passed to the jackpot fund as a form of punishment.

Read more about the DCJ mechanism in our whitepaper.

³ RSK - <https://www.rsk.co>

TEAM



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Strategist



Ksenija Tocilina

Marketing Manager



Ellina Poponnikova

PR Manager



Iryna Rybalchenko

Digital Media Manager



Alexandra Pogodaeva

Community Manager

TOKEN SALE

~1 000 000 000 TOSS

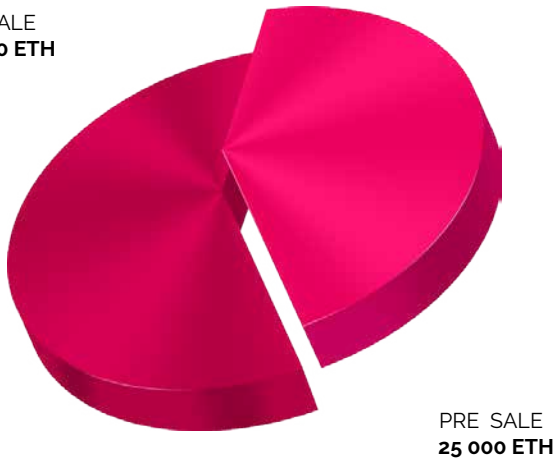
70%

30%

HARD CAP
71 500 ETH

RESERVED*

MAIN SALE
46 500 ETH

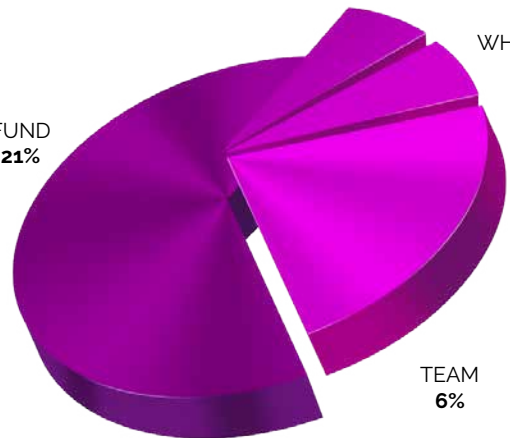


FUND
21%

BOUNTY
2%

WHITE LIST
1%

TEAM
6%



*% shown from total amount of tokens

10 000 TOSS = 1 ETH

MINIMUM PURCHASE QUANTITY - 0.071 ETH

We are accepting ETH during both pre sale and token sale

During the Token sale everybody will be able to purchase TOSS tokens based on ERC20, these tokens are subject to exchange for TOSS tokens released on the RSK blockchain in proportion 1:1. TOSS tokens released on RSK will only be distributed to current TOSS token sale participants.

To participate in the PROOF OF TOSS Token Sale all buyers must go through our KYC procedures. More information can be found in the Legal section of the White Paper.

RESTRICTED AREAS

Citizens, residents (tax or otherwise), or green card holders, of the **United States of America** are ineligible to purchase any TOSS tokens in the TOSS Initial Coin Offering (as referred in this Whitepaper). The same pertains for residents of the **Republic of Singapore** and **Hong Kong**.

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OF TOSS

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YOUR ATTENTION

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