

# FROG: Fairness, Community and Participation

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## ABSTRACT

The principles of FROG<sup>1</sup>

- **Fairness**
- **Community**
- **Participation**

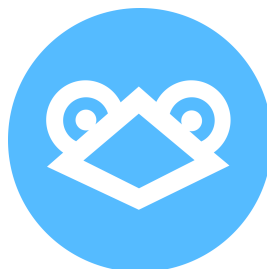
FROG is intended to be more than a "*dividend-token*". FROG is going to be a symbol of fair gaming and gambling with a maximum of gaming experience.

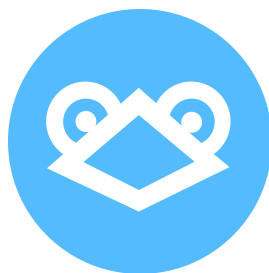
Players and users will benefit from the success of the FROG-token since very first interaction. By staking FROG users can claim dividends from every DApp in the CatchTheFrog-space. In case of gambling-DApps the staker get 50% of house profits every day. All CatchTheFrog-DApps will daily send profits to the basic FROGDIVIDEND-contract and users can claim dividends.

The EOS platform provides zero-fee realtime transactions on a high scalable platform. The FROG-team is convinced to participate from the big advantages of the most used blockchain platform of the planet.

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<sup>1</sup>FROG - Fair Rewards Of Gaming.





<b>Symbol</b>	FROG
<b>Contract</b>	frogfrogcoin
<b>Max Supply</b>	1,000,000,000
<b>Circulating Supply</b>	1,000,000,000
<b>Platform</b>	EOS (Mainnet)
<b>DApp and dividend status</b>	live
<b>Website</b>	<a href="https://www.catchthefrog.com">https://www.catchthefrog.com</a> <sup>[1]</sup>
<b>Genesis / Creation</b>	Nov-12-2018
<b>Mining/Distribution</b>	<i>Proof of Game</i> with halving
<b>Associated Contracts</b>	frogdividend catchthefrog
<b>Logo</b>	<a href="https://www.catchthefrog.com/img/eosfrogbackground.svg">https://www.catchthefrog.com/img/eosfrogbackground.svg</a> <a href="https://www.catchthefrog.com/img/eosfrog.svg">https://www.catchthefrog.com/img/eosfrog.svg</a>
<b>Telegram Group</b>	<a href="https://t.me/catchthefrog">https://t.me/catchthefrog</a>

## 1 Short Abstract

The FROG token is the token to benefit users for playing CatchTheFrog and other DApps in the CatchTheFrog.com - space. During the period of distribution every single game will result in an instant payout of FROG. Users can stake FROG in order to benefit from 50% of the house profit.

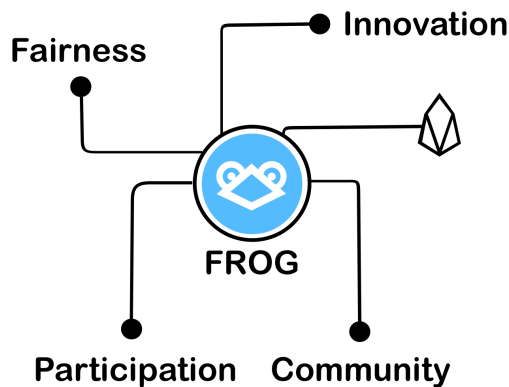


Figure 1. Principles of FROG

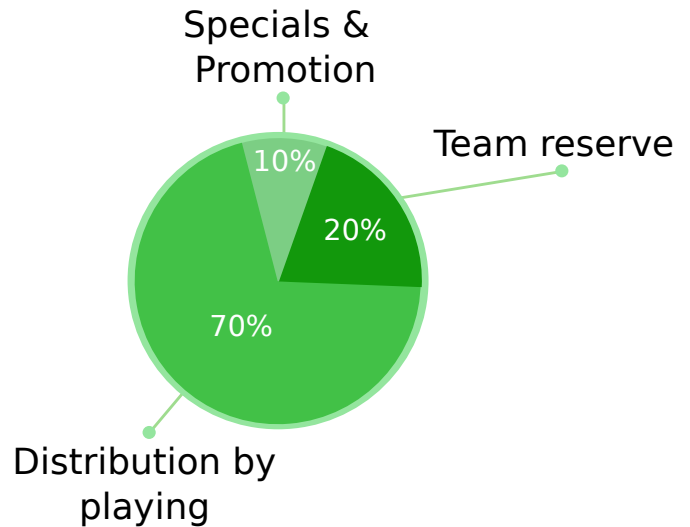


Figure 2. Initial distribution of FROG-Token

## 2 Introduction

The success of a token depends from the long-term expectations of the community and investors. A player becomes FROG-tokenholder from the first second of interaction with our DApps. So every single player is also a partner and shareholder.

We are convinced that only a fair and transparent platform and a close connection to the community can master this task.

Our guiding motto: *"Keep it fair, keep it simple!"*.

Since Satoshi Nakamoto introduced the blockchain as first stable solution for the double spending problem, the world become freer, fairer and more independent for each individual. *"Money"* is only one of many other blockchain use cases. In the future tokenized assets will be the backbone of a free economic. FROG is one of the first of this kind of new assets.

## 3 Distribution

The usual procedure to distribute a token on EOS is the airdrop (or airgrab). 2016 / 2017 Ethereum-based projects initiated an initial coin offering (ICO) in order to raise money. Investors has to trust at first and a lot of teams have broken promices and turned out as scams.

On EOS this procedure is different and the most investors participate from airdrops. The teams distribute the token to all EOS tokenholders without collecting money. The value and the price of the token depends from the real activities and successful finalised products. In this way teams has to do the first step, good projects will be listed on decentralized exchanges (DEX) and the market determines the fair value of the token.

The first way to distribute and mine FROG -Token is to play a game of the catchthefrog space. Only players who interact with a contract, get in touch with the project, participate first of all from the distribution. They can stake FROG at first and earn dividends as early adopter.

Another way to get FROG is to receive Tokens through an Airdrop. 10% of FROG are reserved for Airdrops, gifts and bonus projects (specials and promotion)

As first step FROG will create a value and early adopter will get benefits at first. In time the FROG token will be tradable on DEX platforms and a valuation and a price in EOS will arise. The CatchTheFrog-team will keep a reserve of 20% of FROG for development and marketing. The amount of 10% of FROG is reserved for special activities like prices, lottery, extraordinary airdrops and referral projects. The remaining 60% of token will be distributet to every active player as a reward. A bet of 1 EOS will result, regardless if win or loss, in a payout of 100 FROG. Later, there will be other DApps that act in the same way. When 50% of the public token supply (and 30% of the total supply) is distributet, the distribution rate will halve and the rate will only be an amount of 50 FROG per EOS. The distribution rate will fall extremly decrease in the last days and finally ends.

## 4 Why EOS?

Currently the popular DApp listing website <https://dappradar.com><sup>[3]</sup> list 1327 DApps on Ethereum and just 241 EOS-DApps (catchthefrog.com is listet). Furthermore we discover 71 DApps on Tron.

Etherum was the first platform providing smartcontracts and this was an amazing improvement for the whole blockchain space. Today Ethereum is able to handle only 15 transactions per second. Transaction cost the users a significant amount of gas and currently the network has

reached 100% blockchain capacity <sup>[4]</sup>.

Current Ethereum based smartcontracts cannot be changed or updated - this is impossible, unwanted and against the ethereum ideology "code is law" . Once a smartcontract is deployed, the existing code will run on blockchain and there is no possibility to change the DApp-behaviour. For a very small number of application this philosophie makes sense, but fortunately the smartcontract code running on the EOSIO-blockchain can be updated, errors can be fixed and algorithm can be changed without disturbing the user. In the past many smartcontracts contains unfixable bugs and a unwanted behaviour. The philosophy *code is law* causes more security problems and issues than it prevents.

Tron also is a remarkable platform, but in the moment it cannot reach the capacity of EOS. Maybe it will be a good idea to integrate Tron (and Ethereum) in future. In the hastily process of development in blockchain space the conditions can change just in a few days. For the moment EOS is the only solid platform we can recognize in crypto space which meets the high requirements of FROG. Currently the EOS mainnet is just online a few months. It is one of the fastest growing networks and can handle much more users and transaction. IBC (interblockchain communication) will also increase the capacity to nearly unlimited utilization. Let's take a quick look on the basic advantages of the EOS platform:

Features of EOS:

- **Up to 4000 transactions per second**
- **650.000 active EOS-account**<sup>[5]</sup>
- **Zero transaction fees**
- **Contracts updatable**
- **Embedded governance**
- **In the future: Sidechains, IBC**

On blocktivity.info <sup>[4]</sup> we learn today EOS handles 80% (!) of transaction volume of the most active Blockchains. EOS nearly has more transactions than all other blockchains together in history.

If we consider the transaction volume of EOS we can say, FROG based on EOS, the most advanced blockchain platform of all.

## 5 Principles of FROG

A great project needs a great vision, a great vision needs strong principles. The principles of FROG are *Fairness*, *Community* and *Participation*. Let's take a look and understand why this 3 principles are the most important ones for this project that can be.

### 5.1 FROG Fairness

Online gambling suffer from this issues:

- 1) Incorrect payouts.
- 2) Manipulated randomness.

- 3) Unsafe customer data.
- 4) Withheld from gains.
- 5) Insufficient customer support.

Users are cheated of their legitimate profits. The transparent nature of a blockchain makes it nearly impossible for a DApp to manipulate. Everyone can generate a statistical proof if bet distribution depends on the laws of probability. Payouts are controlled by the code of smart contract and gains will be paid in the same second directly to the wallet of the player. There is no need for transmitting more data than the account name. Decentralisation and blockchain is the best possible platform for games with instant payouts.

Of course, despite blockchain, a dapp may contain built-in manipulations that are not detected in the beginning. This can still result in unexpected fraud in short term. *Fairness* is the most important principle, a DApp ecosystem for gambling games can have.

### 5.2 FROG Community

Blockchain technologie is fast moving and developing. Up from today many other gambling and game DApps will rise in order to use the advantages EOS as scalable platform. Only the projects with a strong and loyal community will have strong and efficient network effects. We know this network effects are crucial for the success of FROG.

We will do our best for a close relationship to community and discuss new features, games and issues with them. Single users should have the possibility to take part of the development, bring in suggestions and improvements.

### 5.3 FROG Participation

Every DApp in the catchthefrog-space shares profits with the user by sending gains to the FROGDIVIDEND - contract. Users in the FROG - space are shareholders, investors and potential marketer, not just players and users.

Every user and player should participate in the best possible way from the FROG space. This participation includes gains in EOS, FROG and other Token, knowledge, fun and development. *Participation* takes place simultaneously on several levels. We will support *all* this levels in the best possible way.

## 6 Timeline and milestones

Currently CatchTheFrog starts with a variant of *Dice*. Dice is one of the simplest and most popular gambling DApps. This is the first step of a series of following EOS based DApps where users can win EOS and other token.

New games and development is important to reach new users and to increase the usage and value of the FROG ecosystems. It is just as important to keep the code of frontend and smartcontracts clean and secure <sup>[7]</sup>.

The team is currently working on new DApps based on the EOSIO platform. More complex games with more degrees of freedom currently are in development. Our focus will lay on the support of mobile wallets, responsive user interfaces and devices.

FROG will increase the adoption of new users and make use of network effects. New partnerships with other EOS projects and developers are important for evolution, innovation and new independent impressions.

All projects of the FROG ecosystems will implement the PoP-algorithm *proof-of-principles: Fairness, Community and Participation*.

### 7 Why “FROG“ as token name?

A “frog“ is a well known beings of both, the aquatic and terrestrial world. This being is the main character of many fairy tales, a bewitched prince or just an intelligent talking animal. The mystical frog fires the imagination of many cultures. Because of its relation to the water and rain, the frog is a symbol of rich harvest, abundance, fertility. In the ancient egyptian culture people worshiped *Heket*, the frog headed goddess for the life-giving Nile flood. In Asia the three-legged frog is a symbol of prosperity, wealth and luck. Other cultures use the hallucinogenic secretions of some frog species for healing, a higher consciousness and lucid dreams.

FROG as tokenname is easy to remember, pleasant and likable. FROG is just nice. If someone finds an amount of FROG credited to his EOS-Wallet, he probably will not miss.

### 8 Final remarks

The basic intention of this whitepaper is to point out, the FROG - principles *Fairness, Community and Participation*. We are pioneers in a great new technological space, one of the first 200 DApps on EOS, the fastest and most scalable platform the world has seen.

We believe that we are also pioneers of a great movement of gaming and gambling. In this early stage of crypto space we will take part on this movement and some of our ideas will become a new standard for gambling. We believe that even stock markets will base on blockchain platforms in the future. More and more markets will be dominated by artificial intelligence and highly specialized data mining systems<sup>[8]</sup>. Only blockchain based and crypto-assets are interchangeable. They make trustless, unbounded and free trading and markets possible, no other technology can do so. Every project in cryptospace takes the risk to elect the wrong technical platform and nobody knows today, what kind of blockchain the future will dominate. EOS is the best

choice for us with a great vision, a great team and the first blockchain ready for mass adoption.

FROG and FROG-holders will enjoy the benefits of this great movement.

*“Simplicity is the ultimate sophistication” - Leonardo da Vinci*

### References

- [1] Website: <https://www.catchthefrog.com>.
- [2] Block.one, Daniel Larimer (bytemaster) et al. *EOS.IO Technical White Paper v2*. <https://github.com/EOSIO/Documentation/blob/master/TechnicalWhitePaper.md>. March 16, 2018.
- [3] <https://dappradar.com/>.
- [4] <https://blocktivity.info>.
- [5] <https://eospark.com/>.
- [6] Nakamoto. *Bitcoin: A Peer-to-Peer Electronic Cash System*. 2008.
- [7] Martin, Robert C.. *Clean-Code: refactoring, Patterns*. Heidelberg, 2009.
- [8] Stuart J. Russell and Peter Norvig. *Artificial intelligence : a modern approach*. 1995.