WHITE PAPER

Rocket Protocol

Based on the DeFi platform
to create several decentralized products and
incentive programs to achieve a good economic model.

VERSION 01.06.2020

Rocket Protocol

DeFi Platform

Several Incentive Programs

Several Decentralized Products

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Disclaimer

Everything discussed in this whitepaper is just the information about the Rocket Protocol project, so that readers can understand more clearly what the Rocket Protocol project is. In this whitepaper there is also no investment consulting, benefit consulting or anything else related to improving your economy. There is no compulsion from the Rocket Protocol for you to buy ROCK tokens when our Token Sales have been launched later.

In addition, in this whitepaper we provide some information about the overview of the Rocket protocol, ROCK tokens, the incentive programs we have and the decentralized products that we will create and develop in the future. We ask you to read this whitepaper more carefully in detail and clearly, so that there will be no misunderstanding either in terms of fundamentals, finances or regulations that apply to the Rocket Protocol project. And we also present some advantages of the Rocket Protocol to you, all decisions to participate in the development of the Rocket Protocol project are yours.

We do not know clearly the laws that apply in your country, so we urge you to comply with the laws in each country regarding crypto and blockchain, so there is no problems for you because our party is not responsible if you break the existing laws in your country.

The ROCK Token is a token that can be used in various products and incentive programs created by Rocket Protocol Team. Once again we emphasize that, the team does not force you to purchase the ROCK token. Therefore, before you do the investment, please consider carefully and consult your plan to some advisors if needed. You need to know well about the meaning of an investment, all of them are not always in a good condition, there must be flux and reflux. If you have purchased the token, it means that you understand well the investment and its risk, so that there is no demands that harm Rocket Protocol team if someday you have unwanted experiences during the investment on our platform. Rocket Protocol team does not really recommend United States citizens and other countries that do not allow the cryptocurrency development to buy the ROCK tokens, because our team cannot ensure to obey the rules of that country. The team sincerely hopes that you can comply with the existing rules in your country.

Introduction

From time to time, blockchain-based projects keep growing rapidly. Various platforms have emerged, but currently the project with the DeFi platform is the best one. Because the profit that investors get is very clear, the more investors who interested in the DeFi project, the better profit will be got by the investors from the project.

In 2020, DeFi project is demanded by many investors, there are also many new Defi projects that have sprung up, they provide various services, such as multichain delivery, savings and loans, trading, and others.

Overview

What is the business?

We from ROCKET PROTOCOL are here to complete the competition for the DeFi project. With our mission and vision to build several decentralized products and incentive programs in order to have a good economic model for us and our investors. We try to be more transparent, focused and detailed with what we build and the data we present to our members and investors, this aims to help them easily calculate and predict how much profit they will get from the results of the ROCKET PROTOCOL project.
We provide various incentive programs based on the characteristics and abilities of each investor, so that the programs created can be right on the target in distributing the rewards to each investor.

Apart from creating several incentive programs, we will also create a wallet and decentralized exchanges to complete the Rocket Protocol business wheel. The wallet that we will create serves as a storage, instant exchange or staking. While the decentralized exchange that we will create has its uniqueness when compared to other DEXs, we will combine the CEX display with the DEX system, but we do not use a custodian login system, all members only log in by connecting their wallet on our exchange, all are anonymous so members' personal data are very well maintained, and our security system is very safe because the log in system uses the web3 system. We also provide a bartering system on our decentralized exchange.

Why did we create the Rocket Protocol?

1. Character of the investors, here there are various kinds of investors' characters, some of them want to get rewards with a short period of time and the others want to get rewards on an ongoing basis by HOLDing the tokens they have.
2. The financial capabilities of the investors, here the abilities of each investor are different so that the ownership of their tokens is different. We provide a normal incentive program that can be followed by all investors, and we also provide a VIP Staking program for them who have a lot of ROCK tokens with different rewards, they are bigger than the normal staking program.
3. More desire, there are some investors who want to get additional rewards every month, therefore we provide a Leveling of Stake program. The investors will get higher rewards at each level in the Leveling of Stake program.

There are also several reasons why we create several decentralized products, including:

1. Make it easier for the members to store ROCK tokens.
2. Make it easier for the members to exchange ROCK tokens.
3. Make it easier for the members to stake in their own wallets.
4. The security of members' personal data is well maintained.
5. Easiness of trading.

Rocket Protocol Economic Model
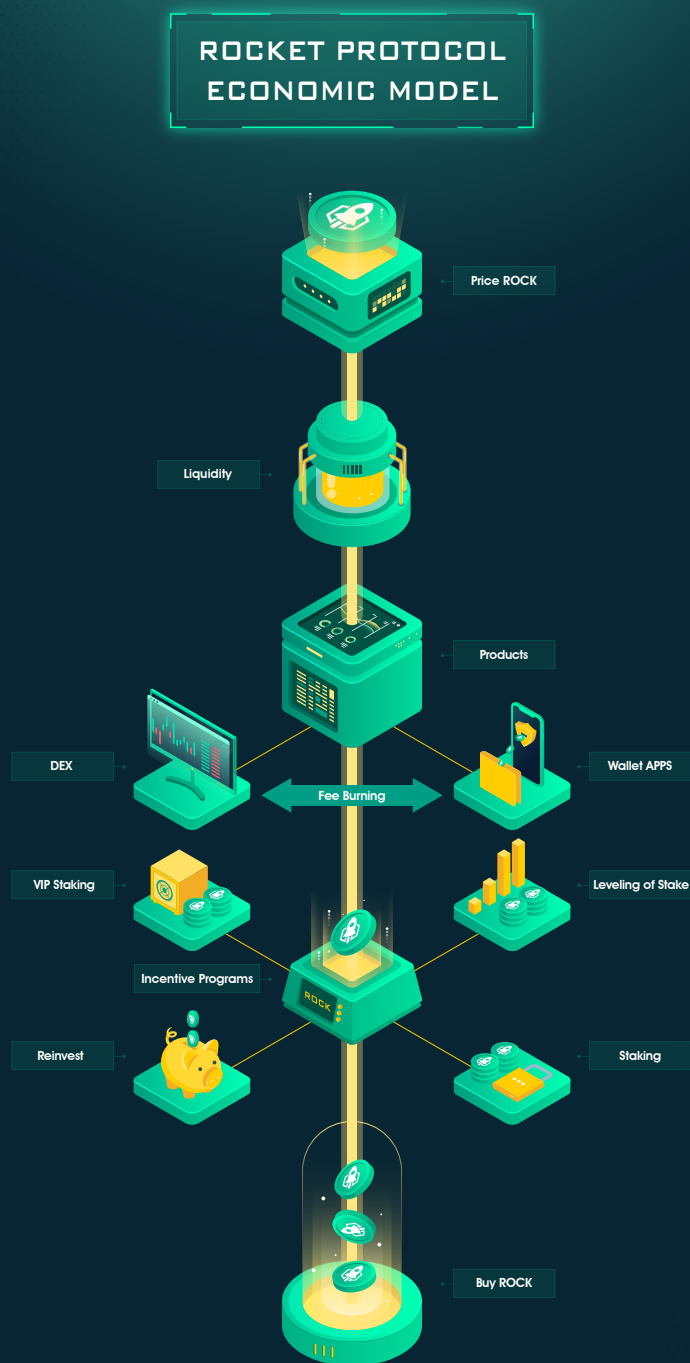
The Rocket Protocol provides a mutually supportive economic model. We have various incentive programs such as Staking, Reinvest, VIP Staking and Leveling of Stake to complement investors' needs in getting rewards according to their interests and financial capabilities. Because each incentive program has its own advantages that we adjust to the conditions of the investors.

In addition to the incentive programs, we will also create several decentralized products such as Wallet Applications and Decentralized Exchanges after all incentive programs have been launched, with the aim of making it easier for the investors to exchange transactions and store their ROCK tokens. All fees in the form of ROCK tokens on our decentralized products will be burned to reduce the circulation of ROCK tokens in the public and to maintain the stability of the ROCK price. For details about our decentralized product, it will be updated in the next version of the whitepaper because in the early stage we want to focus on the incentive programs that we will create. And to complete the Rocket Protocol economic model, we plan to provide liquidity ROCK tokens on UNISWAP, this is very useful for HOLDERS to get rewards in the form of ETH.

So we provide various benefits for the investors, not only on one side, but also from various sides so that the investors are loyal to the Rocket Protocol platform.

About ROCK Tokens

ERC20-based ROCK tokens, later ROCK tokens will be used throughout the rocket protocol ecosystem, all transactions will be recorded in the ETH network, there is nothing to hide, all transactions will be made transparent so that they can be seen by everyone. We will continue to develop ROCK tokens with the hope to create a new network later (Mainnet) so that transactions can be faster and cheaper.

Function
The ROCK token has several functions on the Rocket Protocol platform and becomes the main digital currency on our platform. We also provide several incentive programs that have different systems, functions, rules and rewards, so that the members can choose according to their interests.

Incentive Programs
We created several incentive programs for ROCK token holders so that they get rewards for their stakes. Have different systems, functions, rules and percentages of rewards in which members will get in each incentive program provided.

Burning Process
We will burn 50% of the ROCK tokens which are owned by the Rocket Protocol Team if we are able to hit the hardcap target. And for fees in the form of ROCK tokens for every transaction in some of the products that we create, we will burn there cost to reduce the total supply of ROCK tokens in the hope of increasing the price of ROCK tokens.
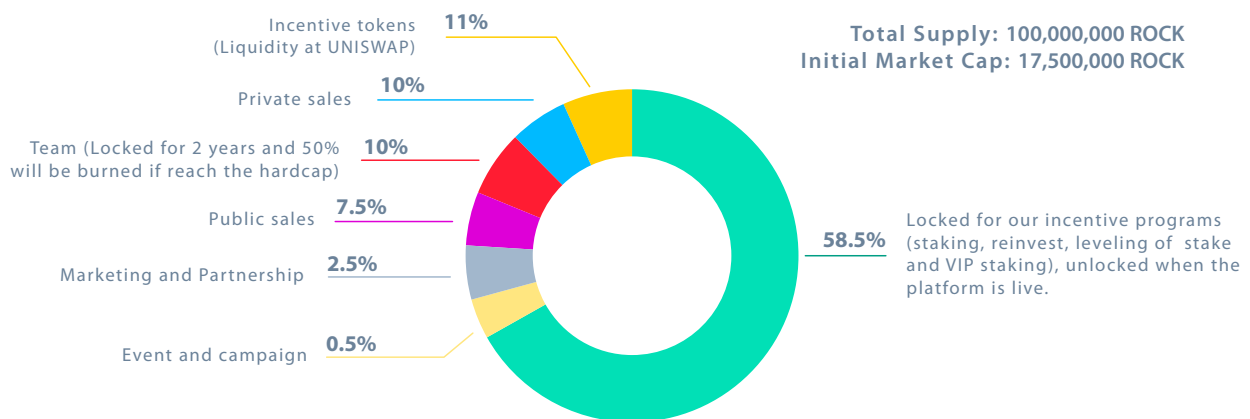
Solidity
All ROCK token activities on the Rocket Protocol platform use the existing system on the smart-contract, so all processes are carried out automatically and verified on Etherscan. All members can check directly on Etherscan, everything is more transparent and there is no manipulation of activity on our platform.

ROCK Tokens Profile

Category		Details
Token Type	:	ERC20
Token Ticker	:	ROCK
Decimal	:	18
Total Supply	:	100,000,000 ROCK
Currencies Accepted	:	ETH, USDT (ERC20)
Contract Address	:	0xfb2c3f07ffbf55395517af2e75762edc978724fd

ROCK Tokenomic

Incentive tokens (Liquidity at UNISWAP) **11%**
Private sales **10%**
Team (Locked for 2 years and 50% will be burned if reach the hardcap) **10%**
Public sales **7.5%**
Marketing and Partnership **2.5%**
Event and campaign **0.5%**

58.5%

Total Supply: 100,000,000 ROCK
Initial Market Cap: 17,500,000 ROCK

Locked for our incentive programs (staking, reinvest, leveling of stake and VIP staking), unlocked when the platform is live.

From the total supply of ROCK tokens, we only sell 17.5% or 17,500,000 ROCK tokens to the investors, and the rests are used for rewards in our incentive programs, incentives on liquidities, teams, marketing & promotions and several events & campaigns. Why do we only sell 15.5% of the total supply? We do that to reduce the number of ROCK tokens circulating in the public so that it can balance the ROCK tokens price. We will also lock the ROCK tokens owned by the Rocket Protocol team for a year and will burn 50% ROCK tokens of the allotment for the Team if we reach the hardcap target. Then we provide 58.5% of ROCK tokens for rewards in the incentive programs that we create.

Rocket Protocol Fund

We divide some portions of the funds obtained from the sale of ROCK tokens so that their use can be right on target, especially for liquidity, we provide 50% funds of the total funds obtained from the sale of ROCK tokens with the intention that liquidity continues in the long term and availability of ROCK-ETH funds exchange is even greater. Then the other portions of funding are used for Rocket Protocol Development in creating several products, listings and others in the amount of 30%. The portion of funding for the team is 10% and for marketing & promotion is 10%. The percentages of fund distribution are as follows:

Liquidity Pool (locked for 1 year) : **50%**
Rocket Protocol Development : **30%**
Team : **10%**
Marketing and Promotions : **10%**

ROCK Token Sale Distribution

We will immediately distribute the ROCK tokens in the Private Sales and Public Sales stages after our Public Sales are finished.

Supply for Private Sales : **10,000,000 ROCK**

Supply for Public Sales : **7,500,000 ROCK**

Rocket Protocol Incentive Programs

INCENTIVE PROGRAMS
Have different systems, functions, rules, and percentages of rewards

1. Staking

The staking feature is the main feature of the rocket protocol, the investors can hold ROCK tokens and get rewards. There is no minimum staking balance, so anyone can join our staking program. The investors will get a reward around 4% for 30 days from the number of tokens staked, and to maintain price stability, we will give penalty by cutting 7% of the number of tokens staked if someone cancels the staking before 30 days

We will also display a leaderboard for the staking program that is visible to all.

Example of calculating rewards in the Staking program:

If the staker stakes 1000 ROCK in 30 days.

Reward: 1000 ROCK x 4% = 40 ROCK

Total Balance after Staking: 1000 ROCK + 40 ROCK = **1040 ROCK**

Example of Unstake calculation:

If the staker has staked 15 days with an initial balance of 1000 ROCK, but wants to Unstake.

Initial balance (X): 1000 ROCK

Reward (Y): 1000 ROCK x 2% (only 15 days stake) = 20 ROCK

Penalty (Z): 1000 ROCK x 7% = 70 ROCK

Total balance received: X + Y – Z

1000 ROCK + 20 ROCK - 70 ROCK = **950 ROCK**

Note: Reward withdrawals can be claimed after 7 days from the start of the stake, and can be claimed again in the next 7 days.

2. Reinvest

We provide this feature for the stakers who are loyal to our staking program. In addition to the stakers getting 4% reward in the next stage, the stakers will get 1% bonus at the next staking stage for taking a part in the staking program again. The conditions are quite easy, namely the staker is not allowed to unstake in the previous stage and add at least 10% balance from the initial balance when staking the previous stage. However, the staker can withdraw.

Example of calculating rewards in the Reinvest program:
Stakers deposit 1000 ROCK in the initial staking stage (Staking in the first 30 days)
Reward: 1000 ROCK x 4% = 40 ROCK
Total Balance: 1000 ROCK + 40 ROCK = 1040 ROCK

Then the staker does Reinvest (Staking in the next stage for the next 30 days) by adding a balance at least 10% of the initial balance when doing the stake.

Staking at the following stage:
Initial Balance + 10% of Initial Balance
1000 ROCK + 100 ROCK = 1100 ROCK (Total balance staked)
Bonus: 1100 ROCK + (1000 ROCK x 1%) = 1110 ROCK
Reward: 1110 ROCK x 4% = 44.4 ROCK
Total Balance after staking: 1110 ROCK + 44.4 ROCK = *1154.4 ROCK*

3. VIP staking

Unlike the normal staking feature, this feature can get more rewards, but there is a minimum number of tokens that must be stored and locked for 30 days. This feature is intended for investors who have quite a lot of ROCK tokens. The minimum balance that can be stake in VIP Staking is $ 10,000 ROCK. The reward will be around 7% for 30 days from the number of tokens staked.

Example of calculating rewards in the VIP Staking program:
If the investor stakes 100,000 ROCK in 30 days.
Reward: 100,000 x 7% = 7000 ROCK
Total Balance after staking: 100,000 ROCK + 7000 ROCK = *107,000 ROCK*

Note: Balance and Rewards will be locked for 30 days.

4. Leveling of Stake

In the Leveling of Stake feature, we have 3 levels, each level has 30 days, has a minimum difference in balance, and has different rewards. So, the level is higher. At the first level the reward is 4%, the 2nd level the reward is 5% and the 3rd level the reward is 6%.

For additional balance in the Leveling of Stake program, there is a minimum balance, a minimum addition of balance at each level are as follows:

1. The first level is $1000 ROCK (4% rewards)
2. The second level is $2000 ROCK (5% rewards)
3. The third level is $4000 ROCK (6% rewards)

For stakers who take part in this program, their balance will be locked for 3 levels, and each level the stakers must add to the minimum balance listed above. Then the rewards from the stakers can only be withdrawn after each level has been completed.

Example of staking calculation in the Leveling of Stake program:

On the first level

Stakers deposit $1000 ROCK, for example 10,000 ROCK.

First level reward: 10,000 ROCK x 4% = 400 ROCK

Total balance after the first level finished: 10,000 ROCK + 400 ROCK = **10,400 ROCK**

Stakers can withdraw rewards at the first level after the staking process at the first level is completed.

On the second level

The stakers increase the deposit by $ 2000 ROCK, for example 20,000 ROCK

Staked balance: 10,000 ROCK + 20,000 ROCK = 30,000 ROCK

Second level reward: 30,000 ROCK x 5% = 1500 ROCK

Total balance after the second level finished: 30,000 ROCK + 1500 ROCK = **31,500 ROCK**

Stakers can withdraw Rewards at the second level after the staking process at the second level is completed.

On the third level

The stakers increase the deposit by $ 4000 ROCK, for example 40,000 ROCK.

Staked balance: 30,000 ROCK + 40,000 ROCK = 70,000 ROCK

Reward at the third level: 70,000 ROCK x 6% = 4200 ROCK

Total balance after level 3 finish: 70,000 ROCK + 4200 ROCK = **74,200 ROCK**

Stakers can withdraw rewards at the third level and all the balance after the staking process at the third level is completed.

Rocket Protocol Products

1. Wallet application

To make it easier for users, we have also created a desktop and mobile-based wallet application, so users can monitor their assets and profits wherever and whenever, in the future we will also add other coins/tokens in the wallet rocket protocol application, members can also stake other coins through this application.

2. Decentralize exchange

We will also add a decentralize exchange feature in the protocol rocket platform, making it easier for members to do transactions with other users safely and comfortably. And also we added a barter system on our platform, this can be a solution for users who like to do OTC without fear of being scamed, because transactions are very clear and transparent for both parties.

3. Community requests

We will continue to accommodate suggestions or input from the community, we will create new features according to community requests, so that everyone can get what they need on the rocket protocol platform.

Roadmap

For now, Rocket Protocol has been running for 3 months, starting with the initiation stage until now we have made a smart contract for staking and reinvesting, then we will launch it as soon as our Token Sales is complete.

Next, we develop some of our incentive programs such as VIP Staking and Leveling of Stake. After all the incentive programs have been created, then we can develop decentralized products such as wallets, decentralized exchanges and some other decentralized products to complement Rocket Protocol project development.

The roadmap of the Rocket Protocol is as follows:

- **Q3 2020 :** Marketing, Promotions, Token Sales, launch of the Staking Program, launch of The Top 50 Stakers Leaderboard.
- **Q4 2020 :** Rock token listing and launch of the VIP Staking.
- **Q2 2021 :** Create Rock Wallet App V.1 and Collaborate with several crypto projects.
- **Q3 2021 :** Launch of the ROCK Wallet App V.2 and Instalation Staking Program
- **Q1 2022 :** Launch of Rocket Decentralized Exchanges, development of all product and start to create new decentralized products.

Problem Solving

There are several problems in DeFi project, but it is not about the investors problems. For instance, an investor buys a DeFi token, but only to trade in the market without holding the token longer by joining the incentive program provided, because the reward generated is not as desired, the staking time is quite long, the staking fee and the others.

From the investors' complaints that have been mentioned above, therefore, we provide several incentive programs with appropriate rewards, without cost discount and short enough time, so that they always follow some of the incentive programs that we provide. So that investors keep holding ROCK tokens and always join our incentive programs. Moreover, it will greatly affect the price of ROCK tokens if the investors are enthusiastic about the incentive programs that are in the Rocket Protocol.
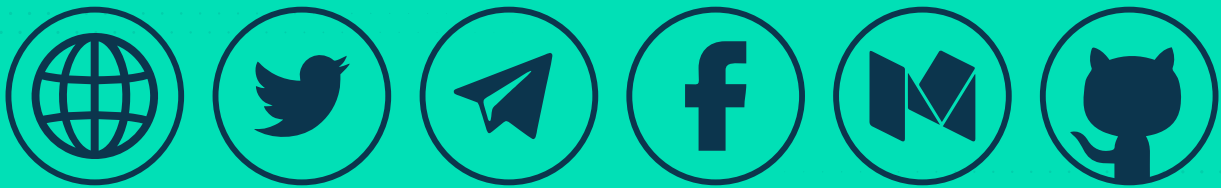
Competitors

Commonly, our competitors who have a stake program only have 2 types, namely staking and reinvesting. However, we have several types of staking, namely staking, reinvesting, leveling of stake and VIP staking. Each type has various differences with different reward amounts, so that the investors can choose which type of staking they are interested in and according to their finances.

Conclusion

Rocket Protocol is designed to meet the investors' needs in getting more rewards from the various incentive programs that we provide. They are free to choose any incentive program according to their interests and financial capabilities. And we are trying to complement all of them by providing wallets and decentralized exchanges to keep the investors using the Rocket Protocol platform for their daily life in the crypto world.

In the Rocket Protocol platform, all economic activities use ROCK tokens, from program incentives to fees in our wallets and decentralized exchanges.

Rocket Protocol is the first initiator to create a project that has various incentive programs.