EFi V2: Promoting and integrating the development of the entire EOS DeFi ecosystem

Whitepaper v1.0 (20-Sep-2021)

我们是EOS金融V2团队，我们在这里将EOS DeFi提升到新的水平。

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I.   The project

EOS Finance in brief

Welcome to the EOS Finance club, reader! This is a non-elitist but exclusive club where you will be rewarded with the thrills and chills of trading cross-chain decentralized assets and with the safety and assurance that blockchain cryptographic technology brings to the table: accountability, traceability and security.

The project, *EOS Finance* (or **EFi** in short) consists of three inter-linked tokens with unique functionalities: eHUB, DMD and DOP are made available over the EOS Main Net Blockchain and offer our users an easy-to-use gateway to the decentralized finance world.

The three tokens are more than just simple coins, they are brand names and stand-alone projects in their own rights. Together they work to offer our users the complete DeFi experience: Yield Farming, Decentralized Swaps and Cross-Chain technology.

Decentralized Cross-Chain Trading, Staking and Liquidity Providing on the EOS Main Net

EOS is a very highly performant blockchain, far superior in terms of software capabilities, speed and redundancy to other "defi-popular" blockchains, such as Solana or Binance Smart Chain (and obviously, much much better than Ethereum).

So why is it then, that EOS DeFi has not received even a fraction of the attention and love that other Blockchains have? The answer to this question mostly has to do with the public perception about Block.one and the way they ran their ICO and "managed" EOS. It seems that the majority of investors and traders lost most of their trust in EOS and Block.one respectively, because it seemed more and more clear that they didn't have the blockchain's best interest at heart. The incarnation of these demons means that EOS has been lacking some of the things that other blockchains like Solana, BSC or ETH already have, such as a foundation that provides funding and other types of support for developers that want to build on that blockchain.

No wonder then, that so many projects that have started out rather optimistically on EOS have since either closed down or moved to a different blockchain. It's not easy to develop on EOS because so far, there has been a lack of users and monetary inflow and funding. It's a vicious cycle, a downward spiral.

To put it simply - there was never enough room for that many projects to thrive together on EOS. Until now.

Introducing the EOS Foundation

At long last, three years after its birth, EOS will now have a foundation that is going to do all of the things that should have been done a long time ago.

Yves la Rose, the former CEO of EOS Nation – the number 1 Block Producer on the EOS Main Net, has taken it upon himself, after resigning from the helm of EOS Nation, to make the dream of an EOS Foundation become a reality. He has successfully united the EOS clans under one flag. His set of expertise, his connections inside the EOS community and his unique position of being an engaged member of the community from day one, make him, in our opinion, the best possible candidate to be running the EOS Foundation

What does the future hold?

We envision a future where EOS DeFi is thriving, a future where new DeFi protocols are born frequently and where all these projects have the motivation and the funding that they need to be successful, in an ecosystem that is flourishing once again.

Join us in this journey and together we will be heading towards a future where EOS DeFi Dapps have the room they need to grow together and productively compete with each other to provide the best user experience possible on the most performant blockchain in the world: EOS.

The stars are aligning for the first time in EOS' short history: The four year market cycle is almost over, the EOS Foundation is about to enter into play and at the same time Bitcoin is going to new all-time highs and the biggest crypto exchange in the world is about to launch: Bullish.com - which will leverage the EOS Blockchain and show the world its outstanding capabilities in terms of speed, reliability, redundancy and user-experience.

Whoever is building on EOS today, is exceptionally well-positioned to take advantage of all these developments in the very near future.

II.   The core of EFi

eHUB (HUB) - The first native EOS project that provides a cross-chain gateway for pegging assets

Sure, one could make the argument that there are so many bridges and cross-chain gateways out there – so why would we possibly ever need another one?

Even more important than the technology itself (the software that makes cross-chain decentralized swaps possible) is the brand name and the marketing that goes on to promote such a decentralized cross-chain gateway. After all, a project can have all the best technology, but people can still choose to use other, less efficient protocols and abandon the better one - this is exactly what is happening with EOS and ETH at the moment.

HUB has the advantage of being one of the first movers on EOS in the cross-chain space. eHUB works together with our custom ratio swap (Dolphin) and our yield farming aggregator (Diamond) to further increase the utilization and potential of each one of these tokens.

Diamond (DMD) – The first Yield Farm on EOS

At present, in its current state, the concept of DMD is fairly simple: It's an aggregator of farms for the entire EFi ecosystem.

We are going to switch things around a bit when we move to EFi V2 and further improve DMD. We will centralize everything into one website where users can easily access the multiple DAPPS at the click of a button and utilize the services that we offer. Diamond will still have the function of being our farms-aggregator – providing liquidity rewards in the form of Diamond (DMD) tokens to people who support the expansion efforts of our project's vision. Once our first cross-chain eHUB bridge is opened, DMD will leverage cross-chain farms as well and seek to partner up with other DeFi projects both from the EOS Main Net as well as other blockchains.

# DolphinSwap (DOP) – The first Custom Ratio, 'Balancer-like' AMM on EOS

50:50 only ratio swaps are costly. Especially when it comes to impermanent loss as well as when it comes to the amount of the base asset that users want to deposit (i.e. when depositing LP for an EOS token paired with EOS itself, EOS representing the base asset in this case).

DolphinSwap solves this problem by providing customizable LP ratios and not just 50:50.

The following chart shows the impermanent loss a user would have if he deposited LP for a period of time relative to price change, for three different DolphinSwap pools: 50:50, 80:20 and 95:5.

- The X-axis represents the relative price change between the two assets in the pool (1 represents no change)

- The Y-axis represents the change in the value of the pool compared to holding (1 means the pool is worth the same as holding)
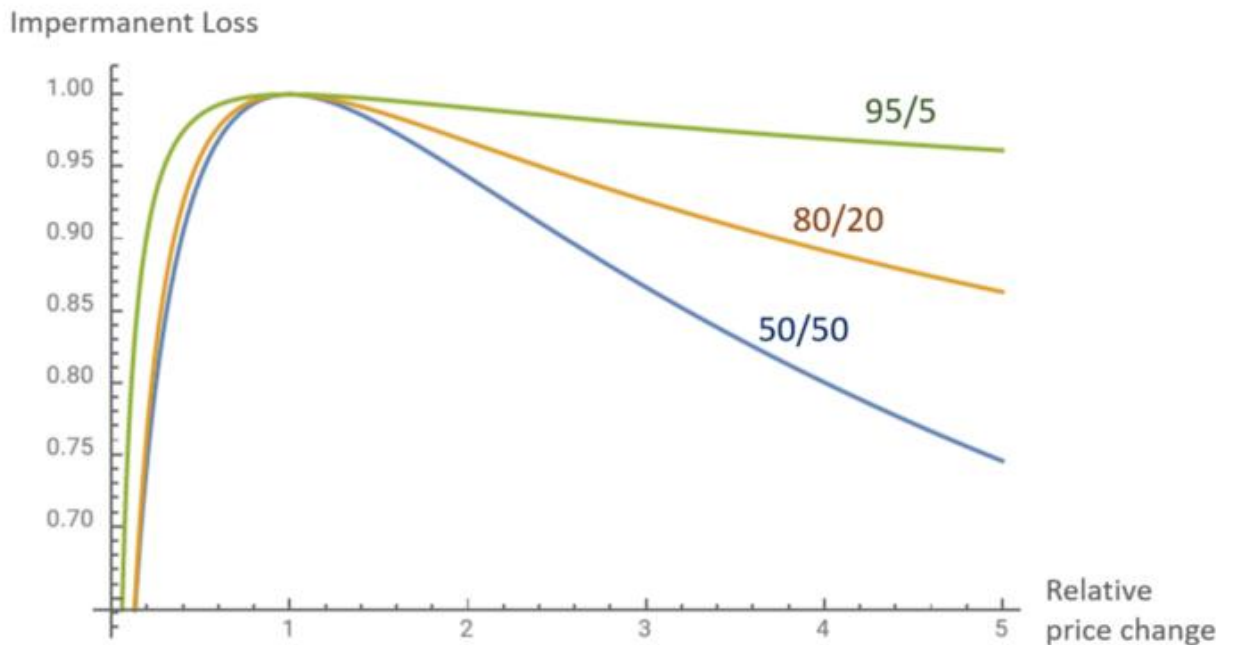
With a +500% change in price, the impermanent loss for a standard 50:50 pool would be **25.4%** whereas in a 95:5 pool it would be only **3.88%**, over 6.5 times smaller.

The impermanent loss for an 80:20 pool sits in the middle between the two, at roughly **14-15%**.

Impermanent loss is one of the biggest deterrents for new investors when they start providing liquidity. DolphinSwap addresses this crucial issue by offering users the ability to create any LP ratio they desire, including but not limited to *50:50*, *80:20* and *95:5* ratios.

III.   More Decentralized Finance applications on the EOS Blockchain

The Telos Cross-Chain eHUB Gateway

With the first major release planned for EFi V2, we are going to create an interface for a decentralized gateway that will allow us to peg assets from EOS to TELOS and vice-versa. The gateway works by using oracles that are going to be operated by a number of well-known BPs to provide redundancy, decentralization and add a very important layer of trust to the bridge.

Telos is the biggest EOSIO sister chain at this moment in time. There's a long history of comradery and rivalry alike between Telos and EOS. We believe that we should work together to make the EOSIO blockchain technology known to the world for its ultra-high performance.

Initially, we plan on taking our native tokens: HUB, DMD and DOP over to Telos and listing them on tSwaps (the Telos Swaps) and start LP mining events and other types of promotions to encourage liquidity and grow our user base. We also plan to use Alcor Exchange for these purposes. Taking the coins cross-chain like this will also open the door to cross-chain arbitrage bots. Any cross-chain transaction that uses the eHUB gateway will pay a small fee to the BPs that are operating the oracles that make the bridge possible and another small fee to the eHUB Network. This eHUB Network fee will be used to buy back and burn HUB tokens from the market, reducing the supply and increasing the value.

The more cross-chain volume that we get, the more HUB will be burned.

The WAX Cross-Chain eHUB Gateway

WAX (the Worldwide Asset Exchange) is another big EOSIO sister chain. However, unlike Telos, they have specialized their blockchain to deal mostly with NFTs (Non-Fungible-Tokens), video games and collectables.

The WAX eHUB Gateway is the second big release planned for EFi V2. We are going to create an interface for a decentralized gateway that is going to allow anyone to move their NFTs from EOS to WAX and vice-versa. Our gateway will be integrated with all the major NFT hubs and will take a small fee for the service that we provide. As usual, the integral part of the fees that we process will be used to buy back and burn HUB tokens from the market, reducing the supply and increasing the value.

The more cross-chain volume that we get, the more HUB will be burned.

IV. Detailed Issuance Description

Key dates and Information

The Coin Swap

The EFi V2 Coin Swap is set to begin in October 2021.

The Coin Swap's initial phase is set to last 30 days. This phase will be fully automatic and users will instantly receive their brand new V2 tokens along with their bonuses when they send their old tokens to the swap contract. You will be able to log in to our main website with either Scatter, TokenPocket or Wombat and from there, you will see all the necessary information about your account and your swapped tokens and bonuses.

After the initial 30 days, users will still be able to swap, but the process will not be automatic anymore and there will be no more swap bonuses. All the users that can do it, are strongly encouraged to swap during the first 30 days. If however, you find yourself in the situation where you still have some tokens staked for any amount of time and you can't unlock them in a timely manner, then don't worry, you will still be able to get your V2 tokens, just a little bit slower and without the bonuses.

Nothing will go to waste - the old tokens will be used to provide further value to the new ones.

All of the Coin Swap details, along with a very concise starting date and instructions will be given out on our social media channels: [Twitter](), [Telegram]() and [Medium](), as well as on our website: [eosv2.finance]().

The tokens, the mining and the distribution

HUB

As of the time of writing this whitepaper, the current circulating supply is 1,251,000 HUB and the maximum supply is set to 4,000,000 HUB.

We will reduce the maximum supply to 2,000,000 HUB, as a gift to the community.

DMD

As of the time of writing this whitepaper, the current circulating supply is 81,000 DMD and the maximum supply is set to 90,000 DMD.

The maximum supply of DMD has been increased to be used in the new V2 DMD Farms: [https://diamond.gl]()

DOP

As of the time of writing this whitepaper, the current circulating supply is 2,512,540 DOP and the maximum supply is set to 6,000,000 DOP.

We will reduce the maximum supply to 3,500,000 DOP, as a gift to the community.

V. Roadmap

2021.08

EFi V2 launches

2021.Q3

The Coin Swap from V1 begins

2021.Q3

Liquidity mining begins

2022.Q1

eHUB WAX cross-chain bridge goes on-line

2021.Q3

The EFi V2 Whitepaper is released

2021.Q3

Automatic Staking & LP Vampire Contracts go on-line

2022.Q1

eHUB Telos cross-chain bridge goes on-line

2022

Completely take over the smart contracts

1). EFi V2 launches

We have initiated take-over procedures for the entire project in August. Since then we have made very swift progress and are advancing on schedule with our new and improved Roadmap.

2). The EFi V2 Whitepaper is released

The second part of the roadmap was officially achieved with the release of version **1.0** of the Whitepaper.

3). The Coin Swap from V1 begins

The Coin Swap is scheduled to happen after the Whitepaper release. This is the first vital step in taking back control of the coins: HUB & DMD & DOP.

Without doing a Coin Swap we would have no control over the Smart Contracts, hence, no ability to modify any features or fix some current issues and it would be impossible to develop new functionalities and new Decentralized Applications (DAPPS).

The Coin Swap will empower EFi token holders. Everyone who participates in the swap will have a wide range of benefits:

- **security of assets**

    All of the new V2 tokens will have multi-signature permissions, unlike the old tokens, from which only DMD is *multi-sigged*. This means that, without notice or warning, the old EFi team theoretically can issue an infinite amount of new coins for HUB and DOP by just updating the token system contract code and tables. Applying *multi-sig* permissions for all three coins in V2, means that this will not be a worry anymore.

- **bonus tokens**

    Only the users that swap during the first 30 days will receive bonus tokens on their swapped coins. Make sure to check our website first before swapping to know how much of a bonus you are going to get on a certain day, because the bonuses change every day.

- **the ability to participate in V2 Staking Promotions and LP Promotions**

    Staking and LP farming for all three coins: DMD, HUB and DOP. Only possible with V2 coins.

4). Automatic Staking & LP Vampire Contracts go on-line

Our initial plan with this part was to have users swap their old tokens for the new ones and provide a "Vampire" interface that would connect to the old (EFi V1) Smart Contracts either via the Staking interfaces or LP pools. We then wanted to accumulate these (V1) staking rewards and give them to the users that swapped to V2, free of charge, without them requiring to lock their tokens.

However, as we dived deeper into the issue it quickly became apparent to us that this is not a very efficient way of managing funds and resources. Simply put: It would require a complex software architecture for very little gains.

We have decided to improve on this section of the roadmap with a new vision for how we would empower the Coin Swap: the staking contracts and LP pools will be much better than what we originally had in mind. We decided to focus all of our attention on EFi V2

5). Liquidity Mining Begins

Before we launch our eHUB Telos and WAX Cross-Chain Bridges, we will start the liquidity mining phase, in order to facilitate the promotion and adoption of our first decentralized, trademarked cross-chain bridge.

6). eHUB Telos Cross-Chain Bridge goes on-line

Leveraging the latest cross-chain technology available, involving top BPs from both chains, the eHUB Telos Cross-Chain Bridge will be fully decentralized and secure. It will allow users to peg assets from EOS to Telos and vice-versa. This will further empower V2 coins and allow us to have a wider community outreach and a bigger market share. More information on the bridge can be found in Chapter III of the Whitepaper.

7). eHUB Wax Cross-Chain Bridge goes on-line

Leveraging the latest cross-chain technology available, involving top BPs from both chains, the eHUB WAX Cross-Chain Bridge will be fully decentralized and secure. It will allow users to have a medium for transferring NFTs, video game items and collectables from EOS to WAX and vice-versa. More information on the bridge can be found in Chapter III of the Whitepaper.

8). Completely take over the Smart Contracts

This is the final phase of the first part of our V2 Roadmap. Here we will completely rewrite the DolphinSwap contract to be able to improve the design and add new functionalities with the swap. Until then, we will integrate the existing DolphinSwap contracts into our V2 website front-end user interface to be able to add new functionalities in that way.

A short history of EOS Finance

EOS Finance (EFi) was born on the 4th of September 2020 with the launch of Diamond (DMD), the first Yield Farm on EOS.

Afterwards, EFi started two new projects: DOP (DolphinSwap, a better Swap on EOS) and HUB (a decentralized cross-chain bridge).

Unfortunately, due to unknown tragic circumstances, the original EFi team is currently missing and nobody can confirm their location.

Once the community noticed they were inactive, we gave the original team an ultimatum: Three months. If they wouldn't come back and continue the project within that timeframe, we were going to take over. Their time expired in August of 2021, when EFi V2 initiated take-over procedures for the entire project, and the community stood behind us and showed us their support.

We can say with great confidence, at this point, with the release of the Whitepaper, that we have successfully initiated the first stages of taking over and are en-course for doing a full recovery.

Even though they are no more, things are looking bright. The original EFi team left us with usable tools that will not go to waste. The Diamond contracts and the DolphinSwap contracts all have multi-signature key permissions and have also undergone a SlowMist audit. This means that they do not

have control over the Smart Contracts anymore and so we can safely integrate new contracts with their old contracts without having to re-write most of the code: We can just pick up from where they left.

EOS DeFi and the value proposition

If one thinks about it logically, it seems only a matter of time until the best technology wins in a system. It has happened time and time again throughout the world's history. For a long time, Nokia was the world leader in cellphone technology and sales, but they have since fallen out of place, replaced by companies that provide a much better user experience and more advanced features, such as Apple or Samsung.

It would make no logical sense for the current trend to continue in the DeFi space for too long. Any good marketer knows that user experience and satisfaction is key to the long-term prosperity of any company or entity (in our case: Blockchains) in any market.

We believe that it's only a matter of time before sub-par blockchains like Ethereum, Solana or BSC crumble under the mighty force of the sleeping giant that is EOS. Make no mistake, EOS is light years ahead in terms of technology, redundancy and decentralization than any of these other DeFi-popular blockchains.

You only have to look at the monumental discrepancy between the correlation of technological performance and the market caps of these Blockchains (and also the tokens on those blockchains) to realize that at some point in time, the less performant blockchains with huge market caps will be outpaced by the more advanced ones, with lower market caps. It also wouldn't be foolish to assume that EOS DeFi protocols will be much more valuable, market-cap wise, than their ETH, Solana or BSC counterparts.

VI. Disclaimer

The Tokens under the brand name EOS Finance or EOS Finance V2 (specifically HUB, DMD, DOP, referred hereinafter as "The Tokens") are not securities and should not be considered an investment. The Tokens have no rights, uses, purpose, attributes, functionalities or features, express or implied, including, without limitation, any uses, purpose, attributes, functionalities or features outside of the proprietary software developed by the EOS Finance V2 team. EOS Finance does not make any promises, expressed or implied about the future value of The Tokens.

Even though The Tokens are only intended to be used vis-à-vis our developed software framework, you should still be aware of your own countries' laws regarding futures and securities, even though we clearly do not intend The Tokens to be used/sold/marketed as securities or futures, bonds, stocks etc., we can't possibly know every Countries' internal regulation and as such, buyers are responsible for their own countries' laws regarding futures and securities.