

1.0 Introduction

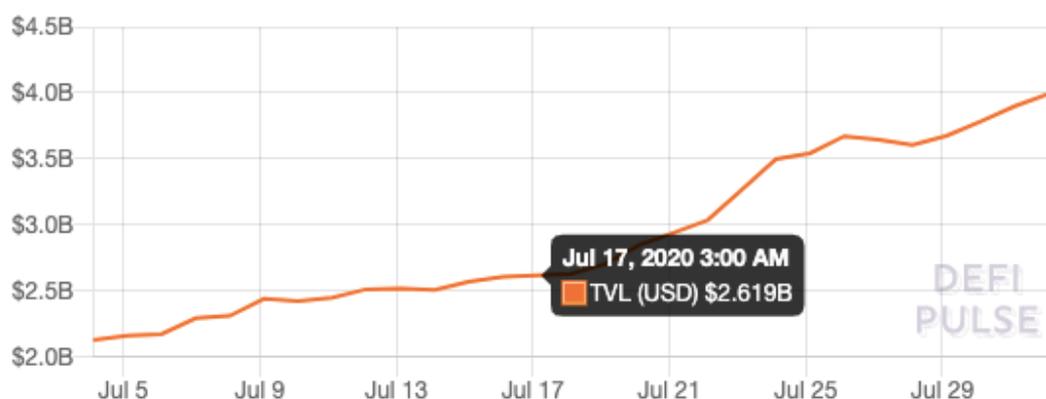
Decentralized Finance - DeFi is the idea that traditional financial service offerings such as banks, markets, and other investment services can be recreated or improved upon using applications created on the blockchain. It is an ecosystem of blockchain-based financial instruments running on smart contracts and designed in a decentralized way with no reliance on centralized authorities and stakeholders. DeFi recreates traditional financial services such as lending/borrowing, trading, payments, and portfolio management - tailored for storing, earning, or transferring digital assets on the blockchain via Decentralized Applications (DApps) or protocols.

The DeFi field is currently experiencing an incredible surge. More than two billion US Dollars (USD) – a value that doubled over the last weeks in June 2020 – have already been deployed (locked-in) across a variety of DeFi applications that offer lending and borrowing services, yield farming, exchange services, monetary banking services (e.g. the issuance of stablecoins), tokenization services, or other financial instruments such as derivatives and prediction markets. In that sense, DeFi is not a specific thing, but more a loosely defined collection of ideas and projects to reshape financial services through blockchain technology, thereby removing the middlemen.

Total Value Locked (USD) in DeFi

[TVL \(USD\)](#) | [ETH](#) | [BTC](#) | [DAI](#)

All | 1 Year | 90 Day | [30 Day](#)



Thanks to the permissionless nature of DeFi, anyone can start using DeFi platforms without the need to disclose personal information and applications for access. All you need is to connect your wallet to the platform and start lending, borrowing, yield farming or trading.

In this paper, we introduce Resonate Finance, an innovative DeFi project that redefines the concept of DeFi yield generation. It is designed to meet the demand for financial innovation and improved yield generation through Defi and blockchain technology.

This whitepaper is written to give you a deep insight and understanding of the Resonate Finance platform and product line built by the company.

2.0 Resonate Finance Overview

Resonate Finance is created without the flaws of existing yield generation approaches and its name is deduced from the fact that fees charged from transactions are SYNCHRONOUSLY shared among token holders via our Rebase Mechanism. This resonates a positive impact on the wallet balance of every token holding platform member. The project is created to enable proper money market to function via effortless yield generation, thus creating a safe positive-yield approach to your wallet. Our unique decentralized ecosystem is like no other in the market and this gives us an edge in these early stages of decentralized finance.

The platform will be governed by Resonate Finance token and since it is designed to allow for community governance as a DAO governed project, token holders will be the ones governing and voting for improvements on the platform.

Resonate Finance operates by charging a fee with variable rate on all transaction activities and platform token holders are paid pro rata in our native governance token. Fee sharing is instant as it is executed by a smart contract that triggers a rebase which causes a resonance in the wallet address of all token holders. As such holders do not need to wait or stake for fees to be remitted.

The fee charged on transaction activities ranges from 0.5%-5% depending on the volume transferred and users that transfer higher volume will be incentivized with lower transaction fee and vice versa. Apart from this, the fee that goes into your wallet is calculated based on the amount of token you hold. As a result of this, a much higher ROI is generated than would be possible using other methods of fee sharing.

As will be explained later in this treatise, the rewards from trading fees are in addition to any built-in revenue streams inherently generated, such as yield farming within a decentralized exchange and/or interest from lending in a money market.

2.1 Unique Value Proposition

Constant Deflation Mechanism

Several cryptocurrency projects achieve deflation by burning some percentage of a token created, buyback and burn, buyback and hold, and many more. However, our method is unique and highly innovative. Resonate Finance projected is created with a constant deflation mechanism referred to as **Blackhole**.

We understand that deflationary projects are not affected by market volatility and therefore do not devalue in price and this is what we aim to achieve with our \$HRFII Token. With this, a certain number of token is designated to an Ethereum blackhole address at the beginning of this project. This will help create a huge deflationary effect which gives the token price a positive impact.

The blackhole address will also receive reward from each transaction fee like the wallet of our token holders. The deflation mechanism will help make our token more attractive since nobody can touch the

token in the blackhole address due to its inaccessible private key. As such, the deflation lasts forever and constantly reduces the amount of token in circulation. This leads to a scarcity in the token and drives up its demand which will lead to an increase in its value.

Dual Return Streams

Our project offers a real economy that fulfills its basic premise of real income. Our model, offers a revenue structure that allows token holders to earn from other streams other than holding our token and sharing transaction fee. This demonstrates the viability and solidity of our redefinition of yield generation in the DeFi space.

As with most DeFi projects, platform users only earn when they stake or leave their token in a smart contract. However, with us, token holders can also add to their yield stream by using their token for yield farming, third party lending and similar DeFi smart contracts. To enable this, our smart contract opens new methods that allow staking contracts to effortlessly work out the fees realized by each token holder whether funds are pooled together or not for any period of time.

As a result, our smart contract is designed to distribute returns through a digitally enforced revenue share mechanism referred to as Resonate mechanism at the beginning of this paper. This is a novel innovation that facilitates direct staking of our token and double yield generation and it gives us an unparalleled competitive advantage that gives us an upper hand in the industry. Our DeFi project strongly follows the promise of blockchain to bring about flexibility, transparency and adaptability at a level unseen in traditional revenue share models.

True DAO Governance

Blockchain came to take power from centralized authorities. With Resonance Finance, no team or central body rewards fees with our token. No interface is required to claim fees from transactional activities and you also don't need to take any action to have fees remitted to your wallet other than hold Resonance Finance Token.

We offer a free market that is devoid of vaults or safe deposits that can be drained, hacked or misappropriated. As a true DAO governed DeFi project, token holders have voting right and power based on the amount of token they hold. With this, they can participate in the governance and management of the growth of the platform.

3.0 Smart Contract

Because we want to have a completely decentralized system, our whole infrastructure is based around a community driven DAO. The DAO will be the owner of the core contracts of the system and will be able to define what the contracts are able to do.

The architecture of our smart contracts allows adding, upgrading or removing functionality. This also allows the Resonate Finance DAO to choose what functionality to be changed and how. If platform members voted that a specific functionality will be disabled from the contract system, it can be executed

by removing the code which specifically describes that functionality. That means that there's no risk of that part of the contract to be re-enabled in the future. Because a specific part of the contract is removed, we remove the bloat from our contract system, making them easily auditable by the community, while having greater flexibility. This will not only be an amazing addition to the tech stack but also would help push forward the Resonate Finance ecosystem.

Our smart contract is also designed with a rebase functionality that activates as soon as any financial transaction activity is noticed. This causes a resonance and ensures that trading fee is shared to the wallet address of all token holders. Our smart contract block fee earning from certain wallet addresses like those from exchanges and Uniswap pool. As a result of this, all the fees generated from transactions on our platform are only shared among our token holders.

4.0 Platform Audit & Simulations

To make sure our platform behaves as we expect it to, we will do multiple internal audits throughout the development cycle. Our team has the capability to write secure code that behaves according to the specifications.

Additionally, to the internal audits, we will do external audit. External reviews are an absolute requirement as the development team is too close to the written code to look at it with fresh, new eyes and be critical of the design choices. An external audit reveals inconsistencies between specifications and implementation, makes sure the documentation is updated, stresses the security model of the smart contract, and creates a better experience for the actors interacting with the contracts.

On top of audits, we will also do agent simulations to model different scenarios and user behaviors, in order to visualize how the system evolves over time. We can model different user strategies that interact with our system and fast forward time to see how the system's properties change.

5.0 Platform Governance

Governance and decisions on Resonate Finance is completely decentralized, and \$HRFII Token will govern it. Our token will also serve as a security and policy management medium. Decentralized, automated governance that incentivizes participants and aims for security, sustainability, and participant welfare is key to a DeFi protocol's success. As such, holders of the token will have voting rights and power based on the amount of tokens they have and can debate, propose, and vote on all changes to Resonate Finance. This will allow the network to be upgradable by anybody with a good idea on how the platform can function better, and they are incentivized to provide good governance.

6.0 Technical Overview

Distributed architecture with DNS Failover

The platforms keep up DNS failover to provide DDOS resilience as well as fast failover. In the case of a server outage, failover time is at 180 seconds (depending on DNS TTL). Geo IP routing incredibly provides rapid access for users across the globe by routing track based on their geo-position.

Architecture built upon the latest technical structures by employing the most up to date software, we can alleviate the threats of leaks based on the immaturity of our smart contract. Our constant updates and technological developments will consistently enhance the overall resilience of the platform.

Automated multi-signature cold storage

The platform's hot wallet has an automated procedure that keep token in multi-signature cold storage according to the pre-decided equation. This ensures that assets are protected in the event of an attempted hack or a brute attack on the platform – a threat that is not even possible.

7. Marketing Strategy

The contemporary methodology of marketing is through the digital medium. However, we will use different marketing strategies to promote the platform and get the word about our project out there. Our methods are aimed at creating a strong community that adds reputation to the brand and communicate their added value.

The goal is to reach a network effect which will lead into a flywheel customer acquisition. Platform members are discovered and acquired via a fully coordinated online marketing and sale strategy comprising of organic/SEO and paid search, content marketing and social media.

We will also be using the service of influencers with massive followers on social media platforms like Twitter and Facebook and we will invest in content marketing strategies using platforms like Medium and Quora.

We understand how far digital PR can go, so we'll be using PR agencies with proven track record of success and leverage their expertise and experience to market the platform to get the word out there.

We will also be providing competitions and information on our Social media platforms such as Twitter, and Telegram.

Below is a summary of our proposed methods of marketing:

- Social media/ Influencer marketing
- SEO(News Portals, PR, listing websites and blogs)
- Content Marketing (YouTube, , Medium, Telegram, Reddit, Hacker noon and other platforms which act as executive tools and medium)
- Referral programs/ Affiliate marketing
- Industry events/ exhibition
- Brand partnerships

8. Resonate Finance Token Features

Resonate Finance Token (\$HRFII) is a token created on the ERC20 Ethereum blockchain and as earlier mentioned it allows for access to the activities on the platform while also providing specific values such as platform governance purposes and revenue sharing to its holders. Its key features include:

- ERC-20 based token used within Resonate Finance Ecosystem
- It will power future Resonate Finance services and products
- Provide access to governance and decision making on the platform
- Quicker payment settlements

8.1 Tokenomics:

Token name: Resonate Finance token

Symbol: \$HRFII

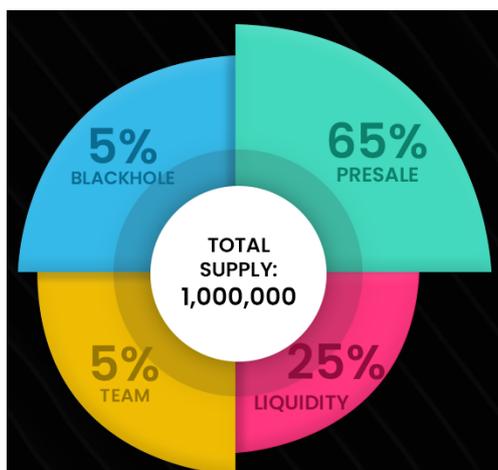
Mineable: No

Maximum tokens created: 1,000,000

8.2 Token Distribution

Resonate Finance is looking to raise investment with a cap of 100 ETH to help build out a next-generation DeFi yield generation project. Below is our token distribution:

- PUBLIC LIQUIDITY:
(25%) 250,000 \$HRFII
- TEAM ALLOCATION:
(5%) 50,000 \$HRFII
- PRESALE:
(65%) 650,000 \$HRFII
- Team
(5%) 50,000 \$HRFII



9.0 Roadmap

2020.Q4

launch HRFI token to make awareness of our "resonate" mechanism

2021.Q1

List HRFI on at least 1 top CEX launch dashboard

2021.Q2

Establish Resonate DAO to give governance function to HRFI and finalize the development of V2 token with link to oracle.

2021.Q3

Vote on choosing index for V2 token rebase

Project hand over to Resonate DAO

2021.Q4

Develop extensional functions

Open cooperation with leading DEFI projects

9.0 Team

We understand that having a strong management team and a proven business strategy in place is fundamental to our project's success. Our portfolio constructs are primarily driven by our focus on the industry as a whole. This is why only the best brains in the industry have come together to achieve this landmark feat.

Our team consists of people from different regions of the world and they include impressive experts in the blockchain and cryptocurrency niche, professionals in the finance industry, and thought leaders in tech.