

WHITEPAPER

DECENTRALIZED FINANCE BASE ON TRON BLOCKCHAIN
WWW.HELIOSTOKEN.IO



HELI

A Cross-Chain Compatible

Decentralized Delta-One Asset Protocol with Unlimited Liquidity

WHAT IS DeFi

DeFi stands for **Decentralized Finance**. It enables a global, open alternative to every financial service you use today—savings, loans, trading, insurance and more—accessible to anyone in the world with a smartphone and internet connection. The world's financial system needs upgrading. In an age of increasing globalization, money transfers still rely on outdated legacy systems. Payment solutions and financial services require numerous intermediaries and are often siloed. Most forms of currency are issued and controlled by centralized governments

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BITCOIN VS TRADITIONAL FINANCE

Ten years ago **Bitcoin** emerged as an alternative global payment system. Its value proposition is fairly simple: instead of the traditional reliance on centralized banks and third-parties, Bitcoin provides a decentralized, open, and peer-to-peer payment system. Since its creation in 2008, Bitcoin's evolution as an asset class has two distinct phases :

1. Discovery Phase - lasted until around 2014 with the emergence of more exchanges and custodians, which coincided with better security and liquidity
2. Structuring Phase – this current phase has ushered in a broad range of complementary technologies and services alongside Bitcoin's growing adoption

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THE GROWTH OF DECENTRALIZED FINANCE (DeFi)

We foresee an emerging third phase, the Institutional Phase, where **Bitcoin** is increasingly held as an asset by financial institutions such as banks, hedge funds, pension funds, sovereign wealth funds, endowment funds, and others. Why would they hold Bitcoin? It's a hedging instrument against the risks inherent in centralized fiat currencies, debt instruments, and equities. This Institutional Phase should eventually see even governments' central banks use Bitcoin as a reserve asset alongside gold, fiat currencies, debt instruments, etc. The expansion of the Bitcoin ecosystem over time has translated into a tremendous increase in adoption and value. However, with everchanging transaction fees, high volatility, long confirmation times, and a deflationary economic model, Bitcoin remains a better store of value than a currency for daily use.

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THE GROWTH OF DECENTRALIZED FINANCE (DeFi)

Helios Token is a non-custodial, cross-chain compatible, delta-one asset protocol, long term **DeFi** vision is to increase inclusiveness and democratize access to investment assets (*digital and traditional*). Tremendous value exists in the ability for investors to easily and quickly invest, save fees, and secure assets at fair market value. Helios Token combines substantial technical experience from numerous crypto projects with extensive financial experience in exotic and structured assets from traditional global asset management firms to bring to market one of the first **DeFi** projects built upon **TRON** with cross-chain compatibility. The Heliostoken will adopt an inflationary model to enhance staking incentives and will have liquidity mining programs to encourage usage of the exchange and stability of the pool. Synthetization of assets will focus on cryptocurrencies, commodities and, more importantly, traditional assets such as market indices and thematic theme exposures.

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HELIOS STAKING & INFLATIONARY REWARD

Staking Rewards 600.000 Helios will be distributed to those staking Helios and validating transactions on the network. The APR generated through staking will vary depending on the staking year and the total % of staked **HELIOS**.

HELIOSTOKEN adopts an inflationary tokenomics with a decreasing rate until a terminal floor is reached. We share the same vision as TRON in the sense that the imminent inflation reward is important for the explosive growth of the platform while the long term terminal rate should help stabilizing the total Helios supply in circulation. Currently the starting inflation is set as 75% (of the tokens designated for staking) which decreases weekly at a decay of 1.5% with respect to the inflation rate. Stakers will obtain such reward weekly on a pro-rata basis given that their P ratio is above the threshold

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YIELD FARMING CAMPAIGN

Given the current **DeFi** environment and yield farming trend, we realize the importance of appealing to yield farmers upon the launch of the project in order to help bootstrap the debt pool and have users experience the usability and ease of our protocol. As such, we view this as a cost of user acquisition and upon the launch of Linear, in addition to the proposed token distributions, which will be front loaded in the first two years, users who fully utilize the exchange will have token bonuses, allowing them to yield a larger portion of the reward pool. Whilst our **HELIOS**, Liquids are EVM compatible and hence, they can all be deposited by users in third party pools such JUSTSWAP to facilitate yield stacking. In addition, we will also be leveraging the use of token rewards to also incentivize users to help stabilize the debt pool in certain instances. When the debt pool becomes unbalanced in exposures e.g. if a large number of users create Liquids against gold (Long), we will provide users who counterbalance this trade by creating a Liquid short against gold with additional token rewards, ultimately reducing the volatility and increasing the safety of the debt pool.

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dApp PLATFORM

HELIOS TOKEN hosts carefully selected decentralized applications (**dApps**). Our protocol is designed to accommodate high performance software solutions, which in return will contribute to the platform's economy. dApps will generate revenues in the form of fees collected for transactions processed by Helios CHAIN 80% of all transaction fees go to the Helios Chain Node Operators (those processing transactions and securing the network) and 20% are retained by the dApps. This 20% for **dApps** is a novel economic model that creates a huge incentive for developers to build on Helios Chain, because they'll get Helios for every on-chain transaction their dApp generates. Thanks to its unique properties and performance level, Helios Chain can support applications that would be unimaginable on existing blockchain infrastructures. The following sections will cover some of the use cases that this type of technology is most suited to support.

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MARKET OPPORTUNITIES

Cryptocurrency Lending Market

The cryptocurrency lending industry has enjoyed tremendous growth over the past few years. Over \$5 Billion in funds have been loaned out to-date. Overall the amount of cryptocurrency deposits has seen 1,000%+ growth over the period of 2018-2019. Currently, over \$1 Billion of digital assets are locked up in the **DeFi** ecosystem. With Bitcoin's next halving occurring this year, mining rewards will drop from 12.5 BTC per block to 6.25. In light of this, many experts in the space believe there will be a massive increase in the Bitcoin price. People are looking to accumulate more Bitcoin now before the halving event occurs

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REMITTANCES AND CROSS BORDER PAYMENTS

Additionally, cross-border transactions have recently experienced annual growth rates around 9% and are expected to increase to \$2.9 Trillion in revenue annually by 2022. Helios products and services like HeliosPay will tap into this growing revenue stream



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TOKEN SPESIFICATION

Total Supply 7.777.777

Token Name HELIOS

Symbol HELI

Decimal 6

Contract Address

TLNoT7fRFe5kEG2iwayjEKKRagucnYeJkQ