About Clover

Clover is building a foundation layer for DeFi applications to seamlessly operate. We aim to reduce the development threshold for upper-layer applications, facilitate a gasless transaction layer to simplify user experience for non-crypto users, and provide a wide range of developer tools from identity-based scripting capabilities to built-in cross-chain interoperability.

Clover will put together a large user base and different projects into a one-stop open and integrated financial service platform on Polkadot, using the Substrate framework. We will compete to join as a parachain for Polkadot to achieve a high level of interoperability, and to become a digital finance portal and DeFi service provider on Polkadot.

Apart from the foundational layer itself, Clover is building various cross-chain wallet implementations from desktop to mobile, allowing users to interact with DeFi applications from various front ends.
Clover’s competitive edge

Clover provides a perfect gateway to DeFi for everyone including those who are completely new to DeFi, especially those with no prior exposure to cryptocurrencies. We reinvented feeconomics to simplify user experience for participating in DeFi applications which is currently a major hurdle in user onboarding for dApps since people with no associated ETH are unable to send transactions directly on the Ethereum network due to their lack of ability to pay for gas, which forces them to purchase ether before they can start interacting with the network.

On the other hand, Clover has introduced an identity-based user classification module for developers to customize their contract flows respective to their own set of specifications. Identifying network participants ensures long term user engagement across a wide range of DeFi applications that are deployed and operating on Clover.
Clover’s innovation

Clover has built an EVM compatible infrastructure to easily migrate existing dApps. Utilizing our SPV chain simulation technology enabling trustless two-way pegs across PoW and PoS networks, Clover seamlessly bridges Ethereum and Polkadot ecosystems in one unified place.

In addition to building an interoperable environment for various assets to trustlessly operate. Clover has redesigned the networking layer to allow relayers to act on behalf of senders where relayers can cover gas price in the base currency, and receive compensation in the denominated asset. This is so that end-users can seamlessly transact their tokens by covering fees with the same token from the amount they transact, without depending on the base currency, which we believe makes the overall UX better at a significant margin. Simplifying user experience can create the potential for a very exciting future in which Clover can grow and compete, and can reach its goal of becoming the best possible DeFi platform for all.
We re-parameterized the gas distribution model to direct fees to both network maintainers and dApp builders. Clover will distribute CLV rewards from the community pool where community members can vote on what dApps to reward via the governance module. Incentivizing third party developers and commons, boosts external dApp development which ultimately enlarges the Clover and Polkadot DeFi ecosystems altogether. This is consistent with Clover’s properties of being a decentralized operating system which does not touch the inflation schedule or alter the scarcity of CLV, but effectively increases the security of smart contracts against bugs and software vulnerabilities by enabling external development to be properly funded.

Clover is powered by the native CLV utility token which serves as gas on the platform, similar to ETH. In our gasless transactions, the ERC tokens which are used for gas will be liquidated into CLV on the market.

The Clover EVM is created to attract developers who will further drive adoption and platform fees.

CLV will also serve as a governance token of the platform, to participate in governance activities for a predetermined set of parameters.
Platform Review

Clover cross-chain wallet extension
Platform Review

Clover cross-chain blockchain explorer

Cloverscan

Transaction details

Clover (CLV)
Platform Review

Clover cross-chain bridge

YouTube
Platform Review

Clover cross-chain mobile wallet
Instructions for running a private testnet can be found here:

This guide outlines steps for connecting MetaMask to a self-contained Clover standalone node, to send tokens between accounts:

This guide walks through the process of creating and deploying a Solidity-based smart contracts on a local Clover node using the Remix IDE:
We are collaborating closely with the Web3 Foundation through their Bootcamp and with many of the Polkadot parachain projects. We plan to jointly hold/support hackathons with Polkadot, the Web3 foundation and their ecosystem projects as soon as the developer kits are ready in Q1 or Q2 2021.

We are currently live on public Testnet, with +20 uptime-running nodes across 4 continents. Our public testnet is currently capable of processing over 500 TPS. Transactions are well-distributed and validated in less than 10 seconds.