

Improvements and Innovations

ReactorFusion, built on a solid codebase, introduces innovative enhancements to the traditional lending and borrowing market. These enhancements are carefully designed to deliver immediate value to users without increasing the risk of the protocol.

Improvement: Automated Reward Distribution

Instead of simply forking Sonne Finance or Mare Finance, which provide dual yields through bribing in combination with the veDEX, ReactorFusion uses a verified codebase based on Compound Finance that allows for a more sophisticated integration with the veDEX. For example, Sonne and Mare protocols rely on manual claims and distributing emissions off-chain at regular intervals. This approach carries centralization risks and limits the activity of all protocols to the one-week processing period, as emissions must be manually processed. In contrast, ReactorFusion automates all of these processes through smart contracts, and rewards are reflected in liquidity in real-time.

Improvement: Per-second Compound Interest

Compared to Compound Finance, the method of applying interest has been modified from linear approximation calculations to per-second compounding. This optimization results in a reduction of gas fees by calculating the return only when necessary, and increases predictability as the interest rates are not affected by the calculation interval. [Protocol - Previous ReactorFusion Loyalty Program \(RLP\) Next - Protocol Collateral and Reserve Factor](#) Last modified 3mo ago

On this page Improvement: Automated Reward Distribution Improvement: Per-second Compound Interest