

# Sustainable Growth Token

Technical Whitepaper

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## 1. Introduction

*The Sustainable Growth Token (SUS) is a decentralized digital asset built on the Ethereum layer 2 Base. It embodies a vision for creating a robust ecosystem where participants are incentivized to contribute to the token's growth while mitigating short-term speculation and volatility.*

## 2. Abstract

*SUS introduces a novel approach to tokenomics, aiming to foster long-term stability and sustainable growth within its ecosystem. This technical whitepaper outlines the core concepts, mechanisms, and technical specifications of SUS, elucidating its unique features and underlying principles.*

## 3. Problem Statement

The current token landscape is characterized by high volatility, speculation, and short-term trading behavior, leading to market manipulation and instability. Traditional tokenomics models often fail to incentivize long-term holding and as a result struggle to achieve sustainable token growth.

## 4. Proposed Solutions

### *Locking mechanism*

The locking mechanism is implemented using a dynamic formula to calculate the duration of token locks based on the square root of the acquired amount. This formula ensures proportional and fair locking periods for all participants. Even so user who lock larger quantities of tokens are rewarded by having a relative shorter locking time due to the root formula.

### *Minting reward*

The minting rewards mechanism is triggered automatically after each transfer, where 20% of the transferred amount is minted and distributed to the recipient's address. This incentivizes users to lock their desired token quantity while receiving their yield immediately.

## 5. Long-Term Focus

The long-term focus is centered around creating a sustainable ecosystem where users are incentivized to lock their tokens to generate yield. By transparently displaying the distribution

of liquid and locked tokens, we aim to foster trust and confidence- among our community members. This approach not only mitigates the volatility and manipulation but also lays the foundation for sustainable growth and stability.

## 6. Conclusion

The Sustainable Growth Token (SUS) represents a paradigm shift in tokenomics, combining innovative locking mechanisms, inflationary redistribution, and staking incentives to create a resilient and sustainable ecosystem. By aligning incentives and promoting long-term engagement, SUS aims to foster a community-driven ecosystem built on principles of fairness, stability, and growth.

This technical whitepaper provides an overview of SUS's core features and technical specifications, laying the foundation for its adoption and continued evolution as a leading yield generating asset on the Base chain. For more information visit <https://susbase.com>.