

# Lingo Token Platform

Lingo is a decentralized platform designed to reward its users through a unique mechanism centered around the Lingo Token. By participating actively and committing their tokens, users can benefit from rewards generated by real-world assets and enjoy other utilities provided by the token.

## 1. The Lingo Token (Lingo.sol contract)

The primary asset within the Lingo ecosystem is the Lingo Token. This ERC20-compliant token not only acts as a medium of exchange within the platform but also as a determinant of user rewards. Additionally, it serves as a utility token, enabling users to directly book vacations on the Lingo platform.

## 2. Locking Mechanism

Users have the option to lock their Lingo Tokens in the Lingo distribution smart contract through the platform. The amount of rewards users can generate is influenced by:

a. **Total Amount Locked:** The rewards a user receives are proportional to the number of Lingo Tokens they lock in the distribution smart contract.

b. **Lock Duration:** The duration for which users lock their tokens also plays a role in determining their rewards. The longer the lock duration, the greater the rewards.

## 3. Reward Calculation (Distribution.sol contract)

The Lingo platform operates on a fixed distribution period to calculate rewards. When a user chooses to lock their Lingo Tokens, the number of tokens locked is multiplied by the remaining time until the end of the distribution period, resulting in a value known as "Forecasted Credits." This metric represents a user's potential reward eligibility based on both the volume of tokens and the duration for which they are locked.

However, if a user decides to withdraw their locked Lingo Tokens before the distribution period concludes, the "Forecasted Credits" are adjusted accordingly. Specifically, the credits tied to the remaining time until the end of the period are subtracted from the user's total "Forecasted Credits." This mechanism ensures that users are still eligible to claim rewards, even if they choose to lock their tokens for only a portion of the distribution period, making the reward system both flexible and fair.

## 3. Monthly Distribution from Real-World Assets

Every month, the Lingo team reintroduces a specific amount of Lingo Tokens into the platform. These tokens, bought back with the yield generated by real-world assets, are set as rewards for users who lock their tokens during the month.

- **Prorata Distribution:** Rewards are distributed on a prorata basis. This ensures that a user's reward is directly proportional to the percentage of the total locked tokens

they contribute. For example, if a user locks 10% of the total tokens during all the distribution period, they'll claim 10% of the monthly reward.

**5. Additional Token Utility - Vacation Bookings:** Beyond the reward system, Lingo Tokens have another significant utility. Users can utilize their Lingo Tokens to directly book vacations through the Lingo platform, offering a tangible real-world application for the token and enhancing its value within the ecosystem.