



# WHITEPAPER V1

MEW FINANCE

# Introduction

**Mew Finance** is a decentralized finance (DeFi) platform built on the **Ergo Blockchain**. Our mission is to provide a comprehensive suite of tools and services that empower users to participate in the decentralized economy.

All our **dApps** leverage the security, scalability, and privacy features of the **Ergo Blockchain** to offer a safe and user-friendly environment for various **DeFi** applications

## Decentralization

**Mew Finance** is fully decentralized, ensuring that no single entity controls the platform. This eliminates the risk of censorship and provides greater security.

## Interoperability

Our platform is designed to be interoperable with other DeFi protocols on the **Ergo Blockchain**, allowing users to seamlessly move assets between different applications.

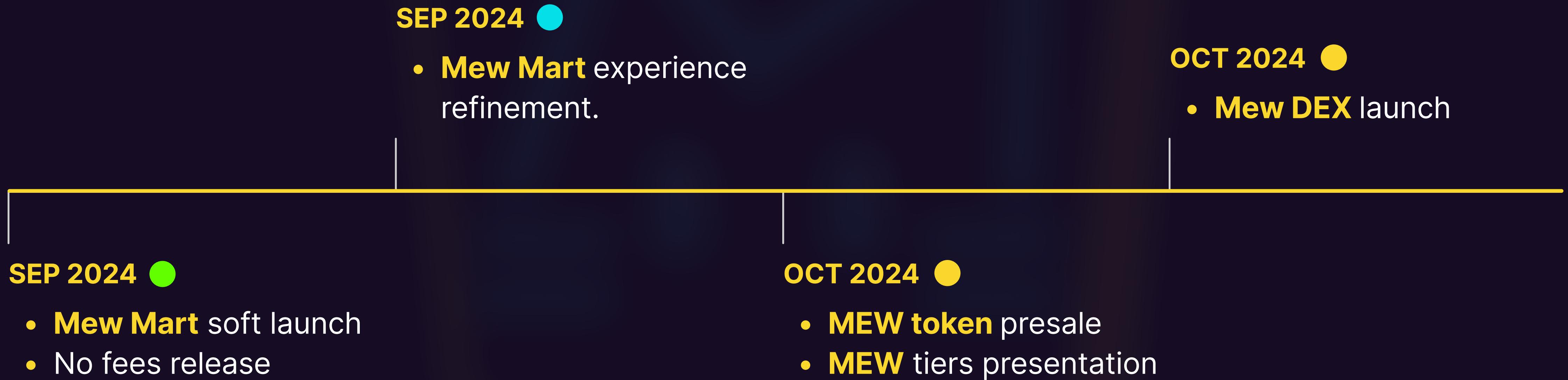
## User-Friendliness

We prioritize user experience and strive to create intuitive interfaces that are accessible to users of all levels.

## Security

**Mew Finance** employs robust security measures to protect user funds and data. We adhere to industry best practices and conduct regular audits to ensure the integrity of our platform.

# Initial Roadmap



# What is the Mew Mart?

**Mew Mart** is a decentralized marketplace where users can buy, sell, and trade various assets on the **Ergo Blockchain**.

This includes tokens, NFTs, and other digital assets.



# Mew Mart Features

## P2P Trading

Users can directly trade with each other, eliminating the need for intermediaries.

## Escrow Service

P2P trading between two known peers. Assets are locked in the smart contract until the other party pays for asking price.

## Token Listing

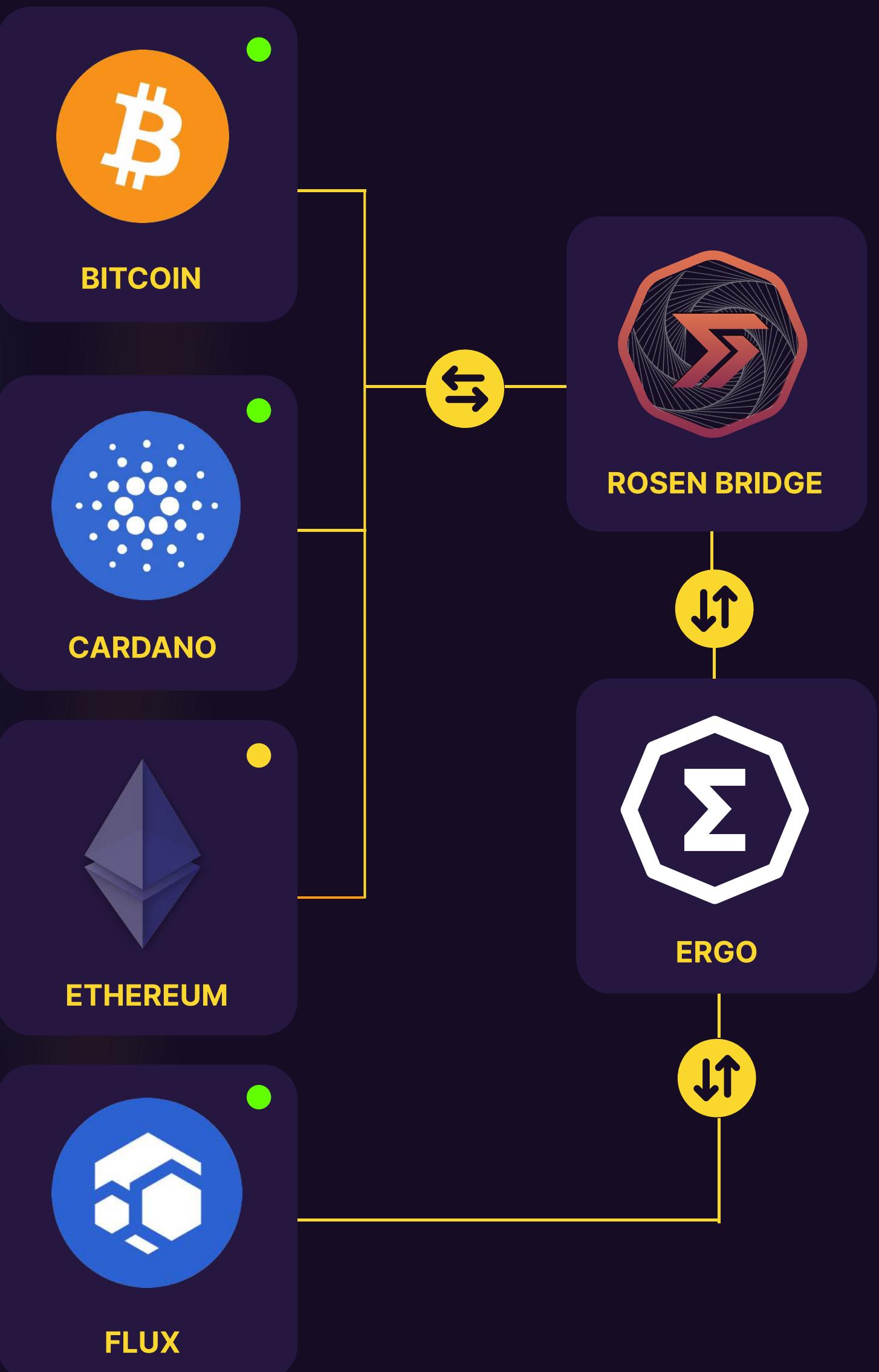
A process for listing new tokens on the **Mew Mart** marketplace.

## NFT Marketplace

A dedicated platform for trading and collecting non-fungible tokens (NFTs).

# Rosen Bridge Wrapped Assets Utility

**Mew Mart** supports wrapped assets from the **Rosen Bridge** to allow trading on a single decentralized trading platform on the **Ergo Blockchain**.



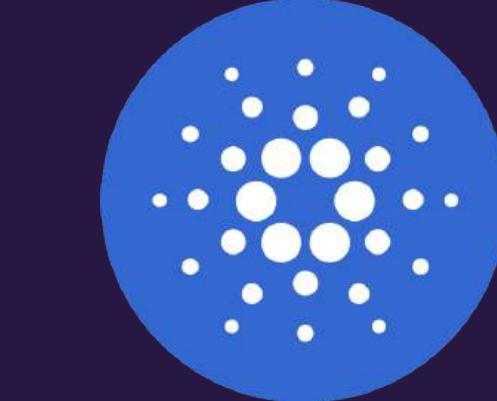
# Supported Rosen Bridge Chains



ERG



rsETH



rsADA



rsBTC



FLUX

**Mew Mart** also supports payments in **FLUX** as a payment asset on the marketplace due to its *Parallel Assets Bridge* to the **Ergo Blockchain**.

# Possible Mew Mart Utility Case

Let's imagine a scenario where **Alice** wants to trade her wrapped assets on a **Mew Mart** on the **Ergo Blockchain** using the **Rosen Bridge**. The platform supports wrapped assets like **rsADA**, **rsBTC**, and soon **rsETH**. It also allows payments in **FLUX**.



Steps	Description
User Initiates Trade	<b>Alice</b> connects their wallet to <b>Mew Mart</b> . They choose to sell <b>1 rsETH</b> and <b>50 rsADA</b> .
Setting Trade Conditions	<b>Alice</b> specifies they want to receive <b>rsBTC</b> for both assets. They set the price as <b>1 rsETH + 50 rsADA</b> for <b>0.2 rsBTC</b> .
Listing on the Platform	<b>Alice</b> lists their assets on the <b>Mew Mart</b> . The platform securely locks their <b>1 rsETH</b> and <b>50 rsADA</b> in a smart contract.
Another User Finds the Listing	<b>Bob</b> , looking to acquire <b>rsETH</b> and <b>rsADA</b> , sees the offer and decides to buy the bundle for <b>0.2 rsBTC</b> .
Trade Execution	<b>Bob</b> confirms the trade and sends <b>0.2 rsBTC</b> to the smart contract. The contract automatically releases <b>1 rsETH</b> and <b>50 rsADA</b> to the buyer, while the seller receives <b>0.2 rsBTC</b> .
Completion	The trade is completed successfully. The platform records the transaction on the <b>Ergo Blockchain</b> for transparency and security.

Assets to sell	Desired payment
<b>1 rsETH</b>	<b>0.2 rsBTC</b>
<b>100 rsADA</b>	

# Summary Of Trade

- **Alice** sold **1 rsETH** and **50 rsADA** for a total of **0.2 rsBTC**.
- **Bob** received **1 rsETH** and **50 rsADA** in exchange for **0.2 rsBTC**.
- The entire process was conducted securely and transparently on **Mew Mart** using the **Rosen Bridge** wrapped assets.

This scenario highlights how users can trade multiple assets and receive payment in a single asset (**rsBTC**), benefiting from the flexibility and security of the **Rosen Bridge** wrapped assets.

*Users can sell multiple assets and receive payment in a single desired asset (**rsADA** in this case) on **Mew Mart**, utilizing the flexibility and security of the **Rosen Bridge** wrapped assets. Important thing to highlight is that **Alice** and **Bob** will be able to trade with their wrapped assets and be part of an all in one global ecosystem assets on the **Mew Mart**, supporting all native ergo tokens, NFTs and all of the **Rosen Bridge** supported chains native tokens too.*

# What is the Mew DEX?

**Mew DEX** is a decentralized exchange that enables users to swap tokens on the **Ergo Blockchain**.

It utilizes the **Spectrum Finance** infrastructure to provide efficient and secure trading experience.



# Mew DEX Features

## Automated Marketmaker

An algorithm that facilitates token swaps without the need for a central order book.

## Liquidity Pools

Users can provide liquidity to the **Mew DEX** and earn fees from trades.

## Token Pairings

A variety of token pairings will be supported to cater to different trading preferences.

## Yield Farming

Users can provide liquidity to as tokens pairs and receive a yield as reward.

# Conclusion

**Mew Finance** is poised to become a leading **DeFi** platform on the **Ergo Blockchain**.

Our commitment to decentralization, interoperability, user-friendliness, and security sets us apart from the others.

By providing a comprehensive suite of tools and services, we aim to empower regular users to participate meaningfully in the decentralized economy.