



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.

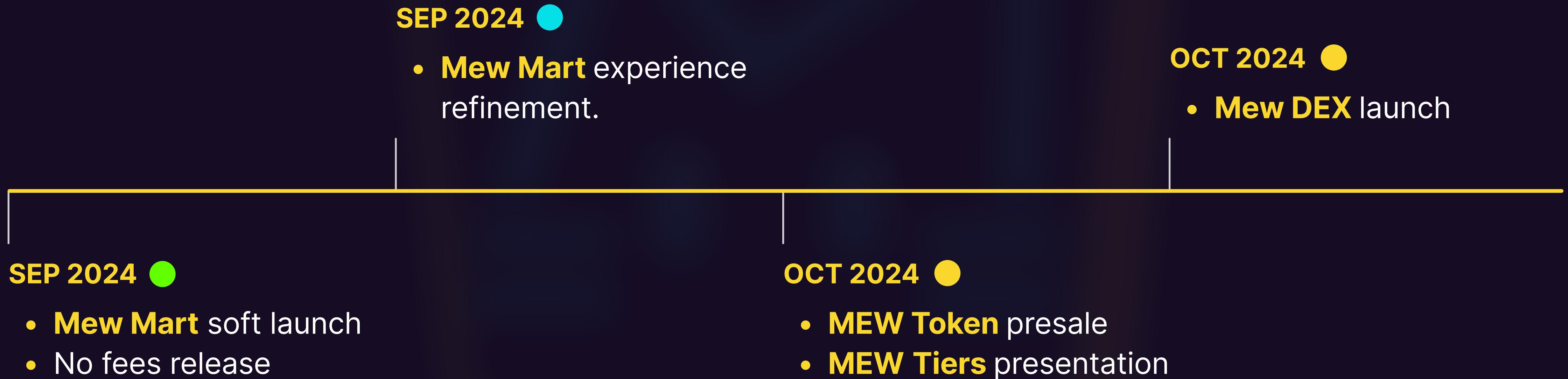
User-Friendliness

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.

Example:

A user, **FluffyPaws**, wants to sell **3 MEW** tokens and **1 KittyCoin** as a bundle on the marketplace. They set the price as **0.5 ERG** for the whole bundle. Another user, **WhiskerLover**, likes the offer and buys the entire bundle by paying **0.5 ERG**. The assets are transferred securely between them, with no 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.

Example:

FluffyPaws and **WhiskerLover** agree to a P2P trade. **FluffyPaws** wants to sell **5 MEW** tokens for **0.3 ERG**. The tokens are locked in a smart contract (escrow), until **WhiskerLover** pays the agreed **0.3 ERG**. Once the payment is made, the **MEW** tokens are released to **WhiskerLover** and the **ERG** goes to **FluffyPaws**.

NFT Marketplace

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

Example:

FluffyPaws lists the rare NFT **GoldenKitten** for sale. **WhiskerLover** buys it for **200 MEW** tokens, transferring ownership recorded on the blockchain. Art royalties are respected and supported.

Token Listing

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

Example:

WhiskerLover creates a new token called **KittyTreat** and decides to list it on the **Mew Mart** marketplace. After following the simple listing process and setting the initial price, **KittyTreat** becomes available for trading by other users on the platform.

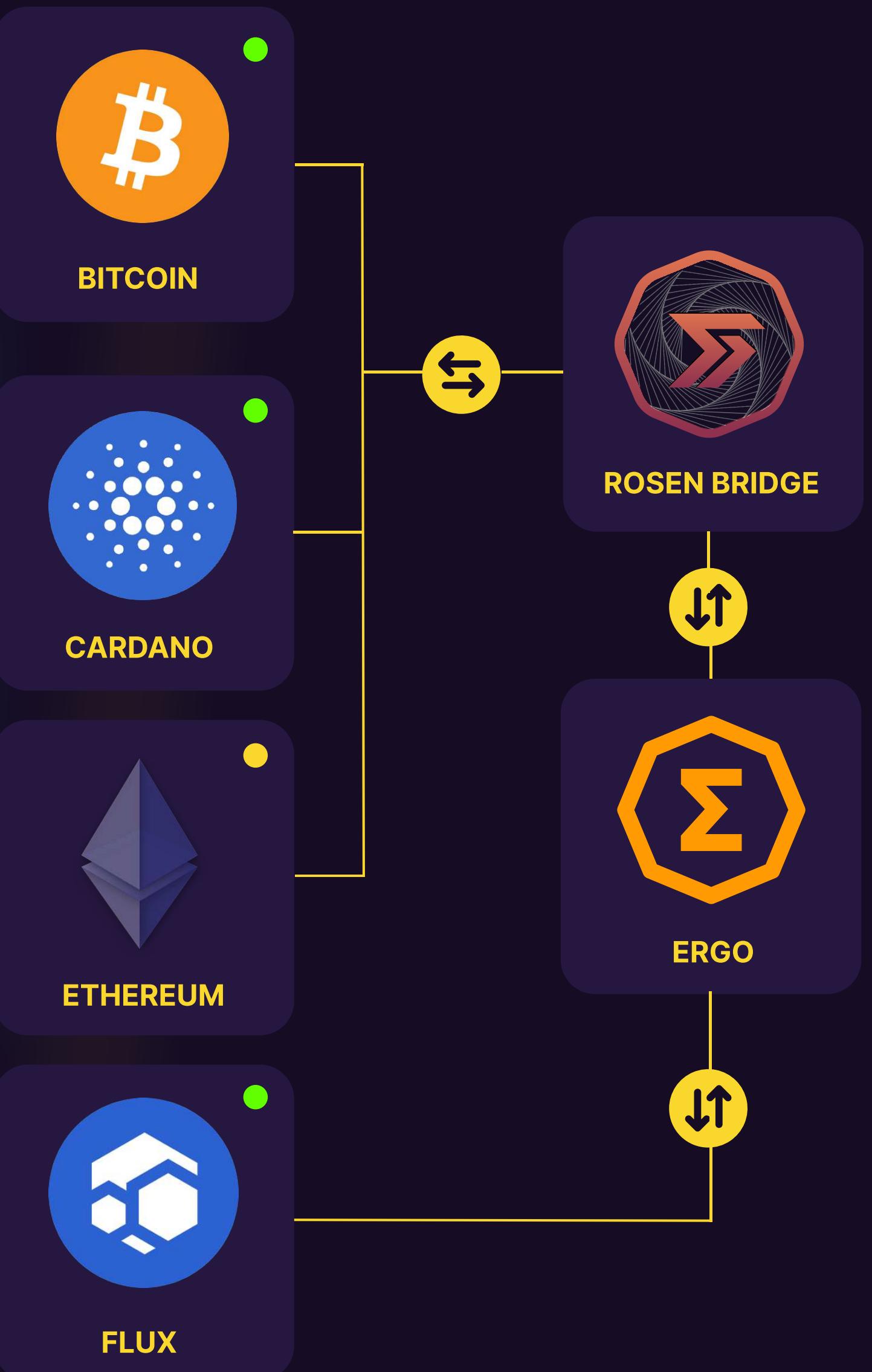
Bundle Sales

List up to 10 unique tokens to sell as a bundle pack and setup a desired price in any of supported payment assets.

FluffyPaws wants to sell a collection of 10 unique tokens: **5 MEW** tokens, **2 KittyCoins**, and **3 CatNip** tokens. They list them as a bundle on the marketplace and set the price to **1 ERG**. Another user, **WhiskerLover**, sees the bundle and purchases it by paying **1 ERG**. All 10 tokens are then securely transferred to **WhiskerLover** in a single transaction.

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**.



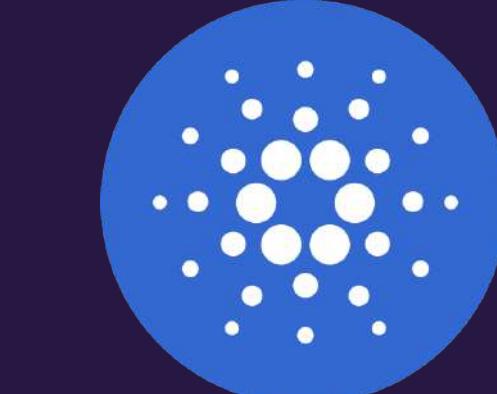
Supported Rosen Bridge Chains



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

Assets to sell	Desired payment
1 rsETH	0.2 rsBTC
100 rsADA	

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 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.