



# PEPEX

MEME COIN AND DEX ON THE OPBNB NETWORK



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## 2. Summary

PepeX is a peer to peer exchange service provider that connects buyers and sellers of crypto assets. PepeX is non-custodial, meaning users retain personal control when transacting via the DEX platform.

In the absence of a central authority, PepeX uses smart contracts that execute themselves under specified conditions and record every transaction to the blockchain. Transactions without a central authority with a high level of security can represent an increasingly fast segment of the crypto asset market.

Decentralized exchanges are built on a blockchain network that supports smart contracts and where users store their funds, each trade incurs transaction fees along with trading fees. In essence, traders interact with smart contracts on the blockchain to use PepeX DEX.

The first decentralized exchanges used the same type of order book, similar to centralized exchanges.

Automated market maker (AMM) systems that rely on smart contracts were created to solve liquidity problems.

The order book compiles a record of all open orders to buy and sell assets for a particular asset pair.

A buy order indicates a trader is willing to buy or bid an asset at a certain price, while a sell order indicates a trader is ready to sell or ask for a certain price for the asset under consideration.

The spread between these prices determines the depth of the order book and the market price on the exchange.

DEX aggregators use several different protocols and mechanisms to solve problems related to liquidity.

The platform essentially combines liquidity to minimize slippage on large orders, optimize swap costs and token prices, and offer traders the best prices in the shortest possible time.

### 3. Etymology

The name "PepeX" has interesting origins and is closely related to Pepe meme culture as well as the vision of this project. This name consists of two important elements:

Pepe: This is a reference to the character Pepe the Frog, who has become one of the most recognized internet meme icons worldwide. Pepe the Frog first appeared in 2005 and has since been used in various meme contexts.

Xchange (X): The "X" element in the name PepeX stands for "exchange", which describes the essence of this project. PepeX is a decentralized exchange (DEX) platform on the OPBNB network.

The name "PepeX" encapsulates the concept of combining classic elements in Pepe meme culture with a vision of the future of decentralized exchange. This shows that the project brings innovation to the world of crypto trading while staying true to its roots in the famous meme culture.

Through combining these elements, PepeX aims to create a unique experience for its community of Pepe meme fans and coin holders, as well as bridging the world of memes with crypto trading on the OPBNB & Multi-Chain network.

#### 4. What is PepeX?

PepeX is a crypto project that combines Pepe the Frog meme culture with blockchain technology on the OPBNB network. It is a decentralized exchange (DEX) that allows users to exchange various crypto assets directly without the need to go through a third party. PepeX Coin, inspired by the Pepe meme, is an integral part of the PepeX ecosystem. The project aims to provide a safe, fun and innovative trading experience while maintaining the unique Pepe meme values. With PepeX, users can celebrate Pepe memes while engaging in a decentralized crypto ecosystem.

Decentralized exchange (DEX) that allows its users to exchange various crypto assets without third parties and is non-custodial. utilizes Automated Market Makers (AMM) technology to adjust between two parties who want to exchange crypto assets. In AMM, crypto asset exchanges utilize a pool of liquidity pools filled by users. Users who store their crypto assets in liquidity pools will get incentives.

All real time transactions between users and the Platform, PepeX runs using smart-contracts built on several chains that support an Ethereum Virtual Machine (EVM) based network, PepeX is built from DEX base code which allows users to transact in a decentralized manner.

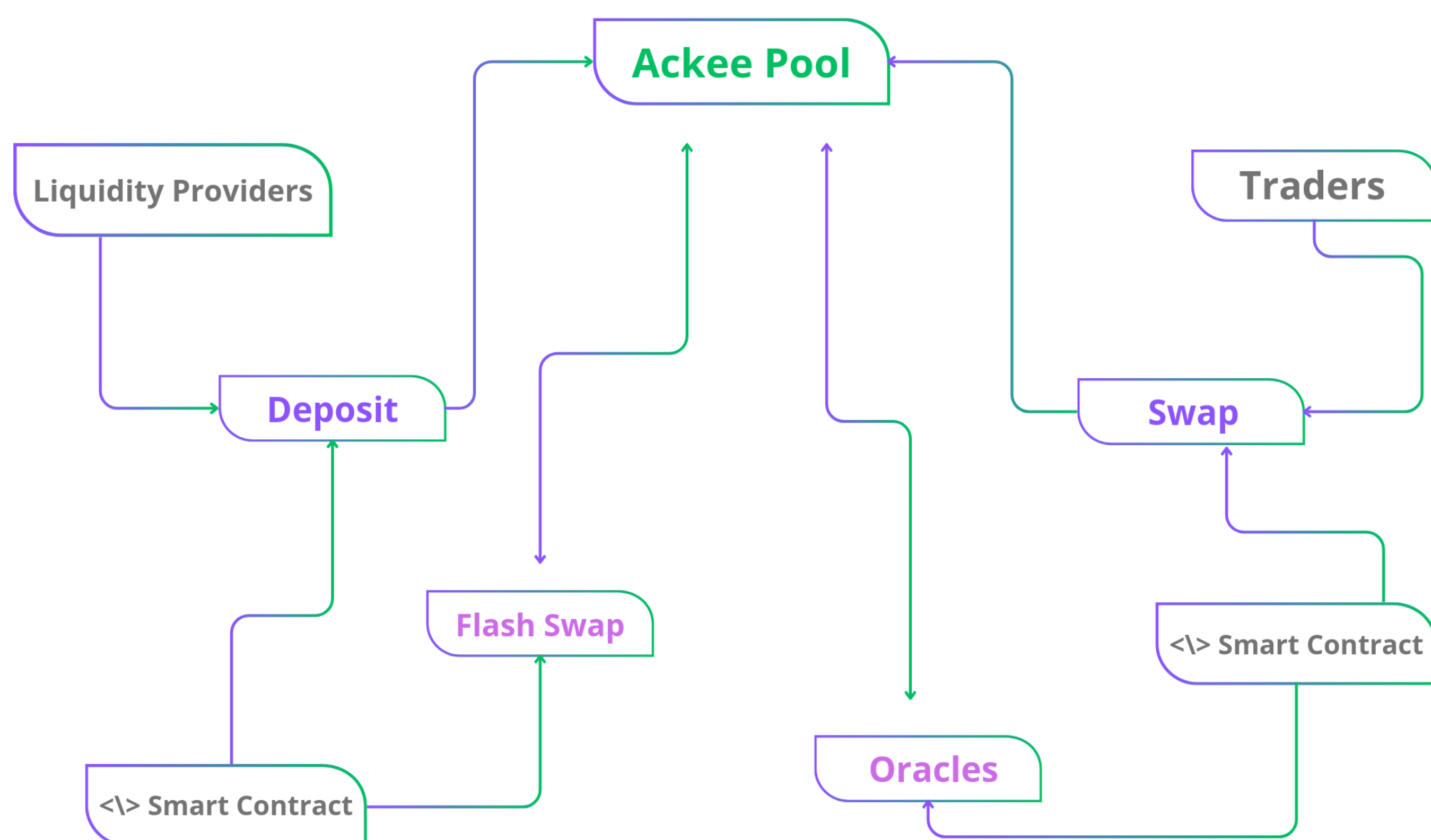
## 5. How Does PepeX Work?

PepeX is a smart-contract built on several networks, the basic PepeX network uses a proof-of-stake (PoS) based blockchain network with Ethereum Virtual Machine (EVM) capabilities which allows applications to be moved from Ethereum easily. Furthermore, because it is based on a PoS network, it can process transactions quickly at fairly low costs. All platform transactions can be carried out quickly without having to worry about network congestion. On the other hand, PepeX supports several other networks, for example OpBNB, Ethereum, Smart Chain, Avalanche, Scroll, Arbitrum, Base, Fantom, ZkEVM, Moonbeam, Aurora, Shibarium, and will continue to develop according to existing market needs. This provides projects with the option to choose native tokens on the network of their choice.

PepeX utilizes automated market makers (AMM) technology to match two parties who want to exchange crypto assets. This AMM system is necessary because a DEX does not use a third party to regulate the exchange of assets between buyers and sellers. In an AMM, a crypto asset exchange utilizes a collection of liquidity pools filled by users. Users who store their crypto assets in liquidity pools will receive incentives from trading fees.

PepeX charges a 0.25% transaction fee on each trade, of which 0.17% is distributed to LP fillers, and 0.03% is sent to the platform treasury as revenue.





This way of working is based on the Automated Market Maker (AMM) model, which replaces the exchange's traditional model of matching buyer and seller orders manually. Here are the general steps on how PepeXchange operates:

- Smart Contracts: Smart contracts facilitate all operations in the system, including asset exchange, price calculation, and fee sharing. Each pool has a smart contract that functions as a liquidity store and price regulator.
- Liquidity Pools: Ackee DEX operates through liquidity pools, which are funds provided by users to facilitate the exchange of assets. Each pool consists of two different crypto assets, such as ETH/USDT.

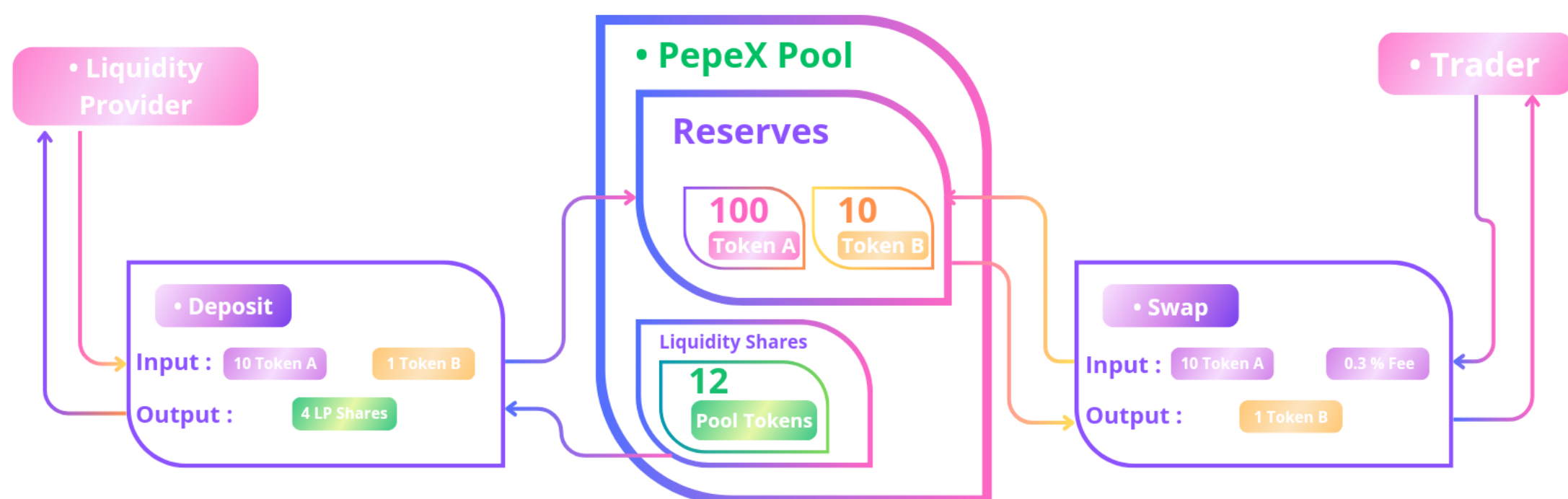
- Pricing: The price of assets in PepeX DEX is determined by the liquidity ratio in the pool. For example, if in an ETH/USDT pool there are 1,000 ETH and 250,000 USDT, then the liquidity ratio is 4:1 (1,000 ETH / 250,000 USDT), and that is what will be used to determine the asset price.

- Swapping Assets: When someone wants to swap an asset, for example swapping ETH to USDT, they send the desired amount of ETH to the appropriate pool. PepeX smart contract automatically calculates the amount of USDT they receive based on the applicable liquidity ratio.

- Market Balancing: Every time there is an exchange of assets, the liquidity ratio in the pool changes. For example, if more people exchange ETH for USDT, the ETH/USDT liquidity ratio will change, affecting the asset price. PepeX DEX adjusts asset prices automatically according to the law of supply and demand.

- Liquidity Provider Rewards: Users who collaborate liquidity to the pool get LP (Liquidity Provider) tokens as rewards. These tokens represent ownership in the pool and entitle them to a portion of the trading fees paid by users who exchange assets.

- Decentralization: PepeX DEX is a decentralized system which means there is no central authority overseeing or controlling its operations. Users have direct control over their assets and their participation in the pool.

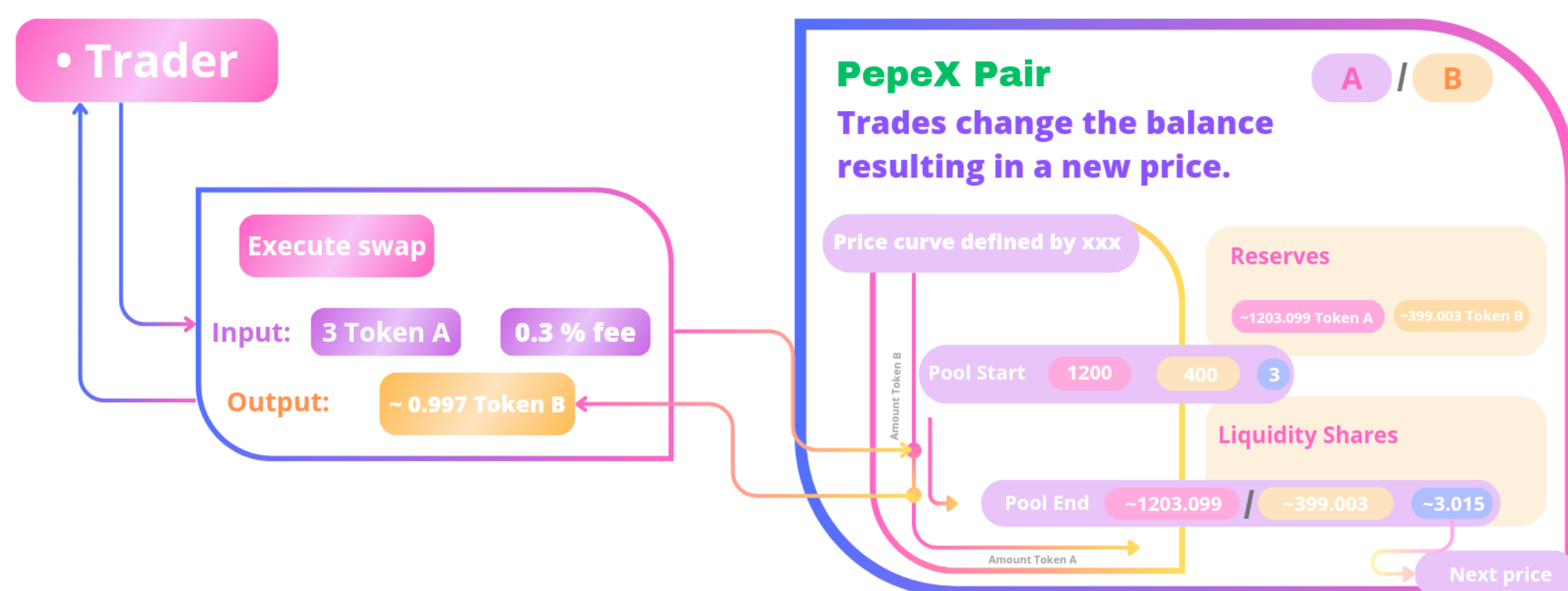


PepeX simplifies the crypto asset trading process in a decentralized and efficient manner. This allows users to easily trade various assets without needing to register or rely on traditional exchanges. However, keep in mind that changes in PepeX DEX pool liquidity can impact asset prices, making liquidity an important factor in this ecosystem.

PepeX is one platform on how blockchain technology and DeFi concepts can change the way digital assets are traded. It allows users to exchange assets in a safe, fast manner and without third party involvement. This system is also the basis for many innovations in the crypto ecosystem.

## 6. Why PepeXchange?

PepeXchange as a decentralized exchange (DEX), provides various benefits to users and the crypto ecosystem in general:



- **Decentralization:** PepeXchange is a decentralized system, which means there is no central authority controlling it. Users have direct control over their assets and do not need to rely on third parties.
- **Wide Access:** PepeXchange allows users to easily trade various crypto assets without the need to register or verify identity. This increases financial accessibility for many people around the world.
- **Liquidity Pools:** PepeXchange facilitates the creation of liquidity pools that provide liquidity in the market. This allows users to exchange assets quickly without having to wait for a suitable buyer or seller.
- **Liquidity Returns:** Users who collaborate assets into liquidity pools get trading

fee returns as a reward. This can generate passive income for liquidity contributors.

- DeFi Innovation: PepeXchange is driving innovation in the DeFi ecosystem by introducing the Automated Market Maker (AMM) model. This sparked the development of many collaborating DEX projects and other DeFi services
- Accessory Availability: PepeX covers many asset pairs, including various ERC-20 tokens. It allows users to easily exchange or trade various digital assets.
- Financial Democratization Driver: PepeXchange democratizes access to financial services, enabling individuals to bypass the barriers and bureaucracy of traditional banking.
- 24/7 Open Market: PepeX operates 24/7, giving users time flexibility to trade assets at any time.
- Full Control: Users have full control over their assets in PepeXchange and can choose to add liquidity to the pool or make swaps whenever they want.
- Transparency: All transactions on PepeX DEX can be viewed on the blockchain, which provides a high level of transparency.

## 7. Business model

- **Liquidity Returns (LP Rewards):** PepeX provides incentives to liquidity providers through returns given in the form of trading fees. Every time there is an exchange of assets in the liquidity pool, the fee is distributed to liquidity owners according to their share in the pool. Users who contribute liquidity to PepeX pools hold Liquidity Provider (LP) tokens that reflect their ownership in the pool and provide rights to those returns.

- **PepeX Token (PEPEX):** PEPEX is the utility token of PepeX. PEPEX's goal is to provide decision-making rights to the PepeX community, which includes protocol updates and other important changes. This is a step towards further decentralization by giving control to users and PEPEX token holders. It is also used to provide incentives and grant ownership rights to assets.

- **Governing Token (PEPEX):** The PEPEX token has a governance function. Users holding PEPEX tokens can decide on changes and updates to the Ackee Finance protocol. This creates a democratization mechanism that allows users to play a role in decision-making regarding protocol development.

- Award: PepeX awards PEPEX tokens periodically to the community and users who have followed from the start, tried the trial network, were early adopters of the mainnet, or have already used the platform. This is done as a form of appreciation for participation in the ecosystem.

- Project Support Mechanism (Grant Programs): PepeX has grant programs that support projects that contribute to the PepeX ecosystem. This includes tool development, research, and ecosystem integration.

- DeFi Ecosystem and Integration: PepeX provides benefits to various DeFi projects integrated with it. This creates synergies between these projects and PepeX, which could expand PepeX's usefulness in the overall DeFi ecosystem.

- Other: PepeX may develop new or additional business models as the protocol develops, so it is important to have the latest updates.

PepeX's business model is based on a liquidity return mechanism, the PEPEX token as a governance and reward asset, and collaboration with other projects in the DeFi ecosystem. This model encourages user participation and promotes liquidity in the market, which plays an important role in the operation of the PepeX ecosystem.

With this business model, PepeX motivates users as liquidity owners into liquidity pools, which in turn provides greater liquidity in the market. Liquidity owners receive returns in the form of trading fees, which can become passive income. Additionally, the PEPEX token gives a voice to the community and provides incentives to users in the form of rewards or decisions within the PepeX ecosystem.

In addition to this business model, PepeX relies on the use of some native coins as transaction fees in the Blockchain network, which also generates income from user activity. This is another way in which PepeX generates income.



## 8. Closing

PepeX is living proof of how blockchain technology has changed the way we view crypto asset exchanges. With its Automated Market Maker (AMM) concept and completely decentralized approach, PepeX has provided access to financial services and greater market liquidity to everyone around the world. This is one of the projects that has been a key driver in the development of the rapidly growing DeFi ecosystem.

In all likelihood, PepeX will continue to play an important role in the future of the decentralized economy. This has changed the paradigm of asset exchange and driven innovation across the crypto industry.

We hope that this explanation has provided useful insight into PepeX and how these changes are impacting the global financial ecosystem. With good understanding and planning, we can utilize this technology wisely and benefit a more inclusive and decentralized financial future.

