



State-of-the-Art Decentralized Exchange Protocol

BUILT ON THE CARDANO NETWORK
WHITEPAPER

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01 INTRODUCTION

We are bullish on Cardano. There are good reasons why you should be too.

Even as benchmark cryptocurrencies are tumbling down from their all-time highs -- Cardano continues to demonstrate substantial gains and rapid expansion within the Decentralized Finance (DeFi) landscape. Its broad community of supporters is highly dedicated for a reason -- Cardano's scientific, evidence-based approach to smart contracts promises to redefine the future of DeFi, ushering in a completely new approach to doing business.

The current proof-of-work consensus design of the Ethereum main-net has been a drag on DeFi growth recently. The speed of 15 transactions per second is too slow, while the fees that can skyrocket to hundreds of dollars per transaction are simply too high. Founded by Charles Hoskinson, a co-founder of Ethereum, Cardano will soon launch smart contract support, uprooting this status quo that will send ripples through the entire world of crypto.

When it does, ADAX will be there, providing a suite of Cardano-tailored DeFi solutions. ADAX will become the powerful trading venue within the Cardano ecosystem, introducing a trustless protocol that facilitates token swaps, non-fungible token (NFT) trading, and broader reorientation of the crypto world towards Cardano.

WHAT IS ADAX?

ADAX is an automated liquidity protocol that facilitates trades within the Cardano ecosystem in a completely decentralized and non-custodial way. ADAX has no order book -- we eliminate all intermediaries, complexity, and cumbersome procedures from the equation, offering users untrammelled freedom to trade without censorship or loss of control over their assets. Users can maintain full control of their tokens and are not required to give up their private keys so that their orders can be logged as they are on a centralized exchange. In this way, decentralization is not just about user privacy but also about eliminating the risk of asset loss in an improbable event of exchange security being compromised.

We believe that the ability to adapt to changes in the fast-moving world of crypto is essential. That is why ADAX has expedited its development to coincide with the release of new Cardano functionalities. As soon as Cardano smart contracts launch in 2021 Q3, ADAX will be there facilitating token swaps, staking, ensuring market liquidity, and enabling users to make full use of the network's capabilities. Our unique protocol is designed to be light and fast, providing a decentralized pricing mechanism that smooths out order book depth. ADAX boasts a team with a track record of success in various crypto ventures. By bringing in a wealth of experience, know-how, and best industry practices -- ADAX will amplify the benefits to users within the Cardano network.



02 VISION

The vision of ADAX is nothing less ambitious than becoming the UniSwap - a unicorn of the Cardano network. ADAX seeks to obviate the need for centralized middlemen, paving the way for completely decentralized, censorship-resistant, and secure trading on the Cardano ecosystem. ADAX users will be able to effortlessly execute smart contract-based trades instantly and only at a fraction of the cost of the Ethereum network.

03 WHY CARDANO?

The future of crypto and DeFi projects looks set to be colored in Deep Navy & White -- the official palette of Cardano. Cardano is currently at the cutting edge of blockchain innovations. Being based on peer-reviewed research and developed through evidence-based methods, Cardano is widely anticipated to become the new crypto standard-setter. Investors recognize the network's potential to challenge the embedded status quo of monopolistic and bureaucratic power structures within the world of crypto -- to move towards open and inclusive technological standards. The unparalleled security, breakneck blockchain speed and significantly lower transaction fees of Cardano will bring us to a new DeFi era. Because Cardano is being run by a non-profit foundation and offers a myriad of advanced functionalities, we anticipate most future crypto projects will end up choosing Cardano over its competitors.

Having tracked Cardano's development since its inception, we believe that the release of the new 'converter' technology -- which will allow users to bring ERC20 tokens to the proof-of-stake Cardano blockchain -- is going to be a gamechanger. As noted by Input Output Honk Kong (IOHK), the technology company behind Cardano, the new bridge gateway will enable issuing organizations to convert Ethereum-based tokens directly into special native Cardano ones of the same value.

The advantages of this change are clear. Because of Cardano's groundbreaking Ouroboros proof-of-stake consensus mechanism based on a broad network of validators and stakers -- our users will be able to enjoy the great speeds and low costs of the Cardano network while still preserving all the benefits offered by ERC20 tokens. Meanwhile, should the project developers ever decide to move back to Ethereum, they will be able to simply burn their tokens on Cardano and continue using the original Ethereum ones as usual.

When Cardano becomes the network of choice for most new crypto ventures and developers, ADAX will too become the go-to non-custodial exchange for all users looking to make the switch.

04 DECENTRALISED ASSET EXCHANGE

The order book-based DEX contracts on Ethereum use an off-chain matching and on-chain settlement approach due to Ethereum's transaction speed and transaction fees. However, there are many issues around poor user experience and limited liquidity, and so order book-based DEXs have low transaction volume and cannot compete with centralized exchanges (CEXs). That being said, AMMs such as Uniswap or ADAX, offer an appealing alternative, bringing with them innovations in the decentralized finance (DeFi) sector and fresh concepts for building contract-based DEX platforms.

05 LIQUIDITY STRESS

Multi-Asset Pools An issue with LPs as they exist currently is if ratios dynamically change regularly. Liquidity providers have incentive to provide liquidity to low volume assets for higher rewards, as they get a share directly proportional to the volume they provide to the pool. Unfortunately, this is not enough reward in most cases as impermanent loss is rampant in lower volume assets like described above. In summary, it is not worth the risk/reward for liquidity providers.

ADAX FEE MODEL

0.3% Swap fee distribution:



Goes straight to liquidity, no platform fee

06 CARDANO ERC20 CONVERTER

Cardano currently supports ADA in addition to a myriad of other native Cardano tokens, which have proven extremely successful with over 160,000 tokens minted up to date. Cardano is now launching an ERC20 converter to ensure future interoperability and lay the foundations for various business opportunities within the world of crypto.

ERC20 converter is a tool designed for token issuers (organizations that wish to enable the migration of their tokens to Cardano) and their users (token holders) to migrate their ERC20 tokens to the Cardano network. Users can convert their Ethereum tokens in just a few clicks, and when moved across, these tokens will be 'translated' into a special native token on Cardano that has the same value and works just like an ERC20. Additionally, Cardano offers two-way convertibility, so if the user wishes to do so at a later stage, they can move their tokens back to the source network by burning them on Cardano.

WHY ERC20?

ERC20 has become the go-to standard within the world of crypto ever since Ethereum brought the concept of smart contracts and 'programmable money' to the blockchain in 2015. Since then, tokenization and the ERC20 token have gained popularity because of the enormous utility it provides in everyday business transactions. Well-designed ERC20 tokens address many needs, and the more useful they become, the more demand grows, and so their value grows accordingly. That is why these tokens are widely used and are so well supported by wallets and exchanges.

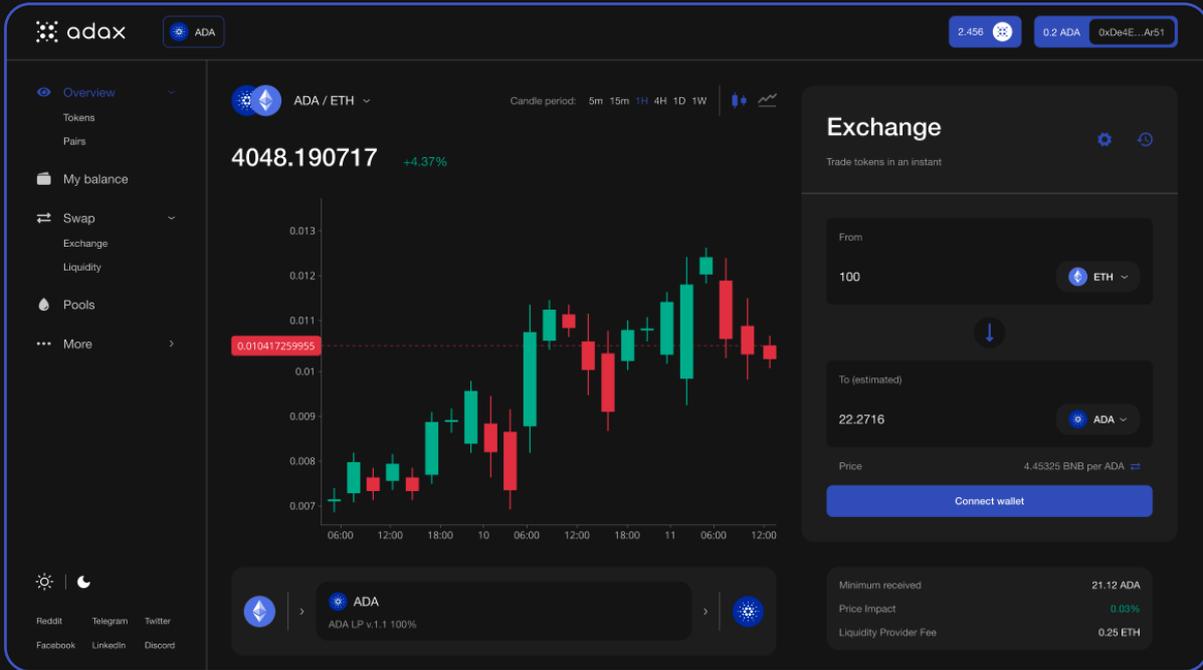
ETHEREUM V CARDANO

The ERC20 standard was invented for Ethereum, and as of today, there are over 400,000 contracts based on this token standard. Although immensely popular and functional, the Ethereum network is continuously slowing down and becoming more and more expensive. As more network participants interact with decentralized applications, the 'gas' fees paid for validating transactions are rising sharply. Cardano promises to cut those fees and speed up the transactions drastically, enabling all users to enjoy the benefits of ERC20 standard tokens at an affordable price.

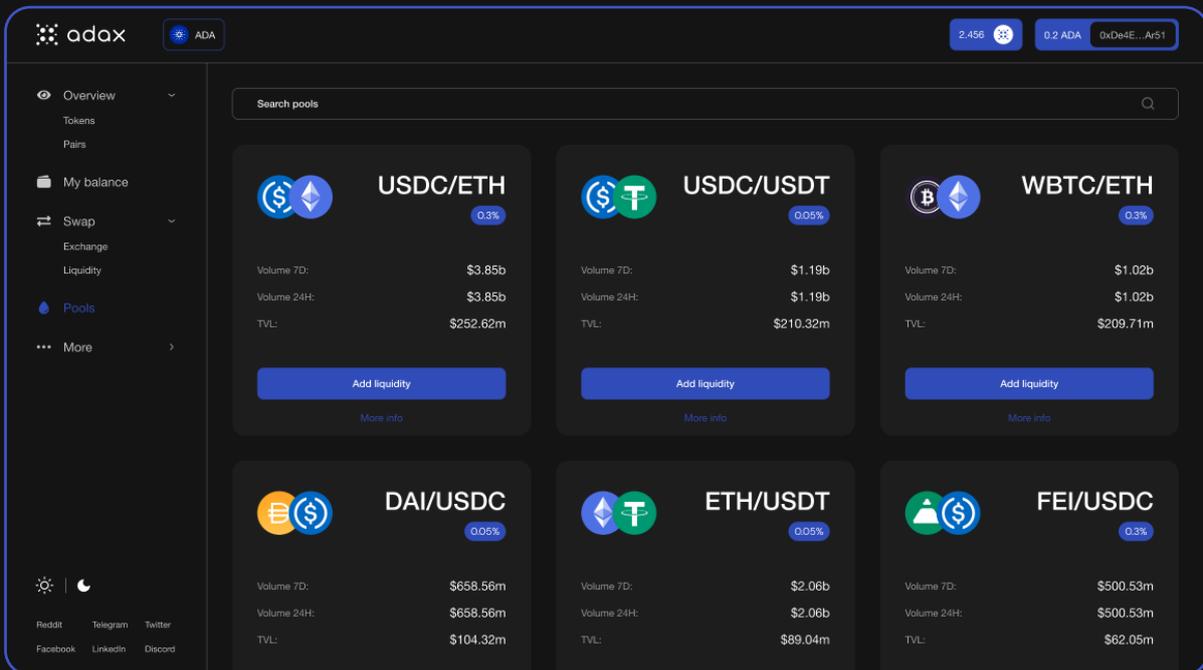


07 PLATFORM PREVIEW

Home Page

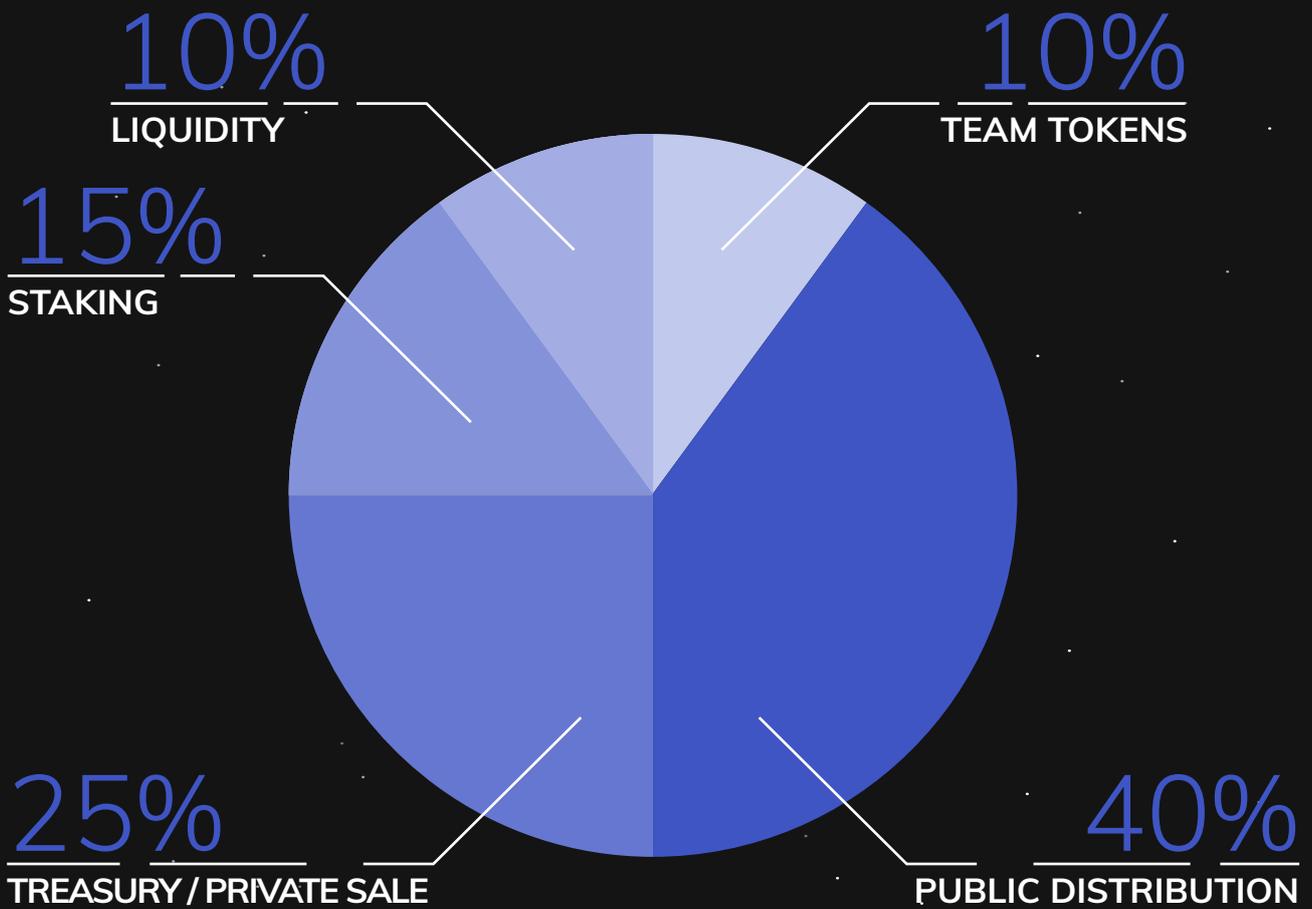


Liquidity Pools



08 TOKENOMICS

Total Supply: 100 000 000 ADAX Tokens



09 ROADMAP

MARKETING AND
BRAND AWARENESS
CAMPAIGN

2021
Q2

CARDANO SMART
CONTRACTS ROLL OUT

2021
Q3

ADAX LIQUIDITY
LAUNCH

2021
Q3

ADAX SWAPPING
LAUNCH

2021
Q3

INTEGRATION WITH
IOHK ERC20 BRIDGE

2022
Q1

ADAX WHITE-LABEL
SOLUTION LAUNCH

2022
Q3

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