



**unimex**

A decentralized, Uniswap- and Pancakeswap-based,  
algorithmic margin trading protocol

# INTRODUCTION

**Unimex Network** is a connected ecosystem of decentralised protocols and dApps that is uniquely positioned to solve the challenges of decentralised margin trading, options trading, and more. **It currently includes:**

**UniMex.Trade** – High-security and liquidity margin trading for serious traders

**Degen.Trade** – Experimental high-risk margin trading of any token for speculators

**Farm.Space** – Next-generation BSC yield farming with black hole mechanism

## Introducing UniMex.Trade

Before Unimex launched, there was no direct way to short or long ERC20 and BEP20 tokens despite hundreds of millions of dollars of daily trading volumes in DeFi.

Unimex.Trade is a Uniswap- and Pancakeswap-based DeFi (decentralized finance) protocol which facilitates the trustless margin trading of native ERC20 and BEP20 tokens without the use of centralised oracles or servers.

All trades are settled on-chain with transparent liquidity reserves, and all actions such as opening and closing trades are censorship-resistant smart contract interactions. Withdrawals and deposits are always online and cannot be disabled.

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# HOW IT WORKS

## Unimex DeFi Lending Pools

In Unimex, a central factory smart contract deploys lending pool contracts, which allow users to lend ERC20 and BEP20 tokens for leveraged trading. Unimex ETH and Unimex BSC currently use default ETH and BNB lending pools respectively. This is necessary for the functioning of a complete ETH/BNB denominated margin trading platform, since ETH/BNB must be lent for leveraged longs.

Unimex only permits the creation of lending pools for tokens that are trading within an ERC20-ETH Uniswap pair or an BEP20-BNB pair. Lending pools cannot be created for tokens which are only trading within ERC20-ERC20 pairs on Uniswap or BEP20-BEP20 on Pancakeswap, although Stablecoin pairs are being added.

On Unimex, lending pools are created by calling a function on the Unimex factory which checks that the ERC20-ETH pair is trading on Uniswap or BEP20-BNB on Pancakeswap by querying the automated market maker's factory. The contract also ensures that lenders seed a sufficient amount of the respective ERC20 or BEP20 tokens to the aforementioned pool.

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## Unimex DeFi Lending Pools Continued

Based on AMM liquidity, BEP20 and ERC20 tokens are eligible for the creation of lending pools. Currently only vetted pairs are added by the team. As a result, a measure of decentralization is sacrificed at this juncture as necessary preventative measure to combat the high-manipulability of low-liquidity pools.

Moreover, with on-chain oracles so central to the functioning of the protocol, the effect of permitting free reign on the integration of Uniswap pairs of low or dubious liquidity (e.g. pairs from fraudulent projects which are likely to have most of their liquidity pulled by an admin) could be catastrophic for lenders.

In the medium term, pair governance will be made decentralised. As a result, users will be able to decide on future pairs and leverage by burning/staking UMX. All collateral from borrowers is denominated in ETH/BNB, although Stablecoin support is in development.

Lenders receive fees in the denomination of the asset borrowed. This means that ETH borrows will yield ETH fees and ERC20/BEP20 borrows will yield ERC20/BEP20 fees, distributed among borrowers proportional to their stake in the respective lending pools. Lenders receive 0.2% of all margin trading volume, as well as 10% yearly interest.

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## Margin Trading

To begin margin trading, a trader must deposit ETH or BNB denominated collateral in a central account. No other asset beyond ETH or BNB will be recognized as collateral within the protocol until Stablecoin pairs are added. Once the appropriate collateral has been staked, the margin trader will be able to borrow ERC20/BEP20 tokens and ETH/BNB from relevant lending pools in order to open leveraged short or long positions respectively.

UniMex offers generous leverage within the range of 1x-10x depending on the AMM liquidity of the trading pair and the soundness of the project. Unimex thus permits traders to borrow a multiple of the value of their collateral in the relevant asset up to the maximum leverage multiplier available for the particular asset.

More specifically, to open a long position, a trader will borrow a multiple of his collateral up to the maximum leverage available for the AMM pair.

Fees will be immediately deducted from the borrowed tokens and distributed to token lenders in the relevant lending pool.

The trading contract will then directly execute a transaction to purchase the ERC20/BEP20 token in the ERC20-ETH Uniswap pair or the BEP20-BNB Pancakeswap pair.

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## Margin Trading Continued

Alternatively, to open a short position, a trader will borrow a multiple of his collateral in the relevant ERC20/BEP20 token up to the maximum leverage available for the ERC20-ETH Uniswap pair or BEP20-BNB Pancakeswap pair.

Fees are immediately deducted from the borrowed ERC20/BEP20 in the denomination of the token, then disbursed to the ERC20/BEP20 token lenders in the particular lending pool.

The trading contract directly executes a transaction to purchase the ETH using the borrowed ERC20/BEP20 token in the Uniswap or Pancakeswap pair. Upon closure of that position, either by the trader or through a forced liquidation, the borrowed amount of ETH/BNB will be directly exchanged for the relevant ERC20/BEP20 token, at which juncture fees will again be deducted.

UniMex's margin trading engine is entirely contained within Uniswap & Pancakeswap, thus, as the example above shows, all trades are executed completely on-chain. This creates a more decentralized system in comparison to competitors, who use hashed trading parameters delivered through a centralized API, which is exposed to far greater uncertainty in the execution of orders than an onchain direct-to-exchange approach.

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## Liquidations

UniMex permits a trader to borrow a multiple of the value of his collateral in ERC20/BEP20 tokens up to a maximum leverage available for a particular Uniswap trading pool. For example, let us assume that the exchange rate for an ETH-TokenA trading pair on Uniswap is 1:50, and UniMex offers 3X leverage on that particular pair. This means that a margin trader with 1 ETH deposited as collateral will be able to borrow 150 tokens.

### **The calculation for when a trade can be liquidated is:**

(swapped amount \* current rate) - liquidation bonus  $\leq$  1.1 \* (owed from pool)

Where the owed amount is commitment \* leverage.

UniMex permit a 10% fluctuation against the value of a trader's position before enabling liquidation. Liquidations can be called by anyone through smart contract interactions.

## Price Feed

To uphold the philosophy of decentralization, we have elected to reject centralized oracles from sources such as Oraclize and Chainlink in favour of the direct, dynamic, innovative and robust TWAP (Time Weighted Average Price) over a sufficiently vast period to minimize the effect that manipulative actors can have on the oracle.

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# TOKENOMICS

**Token Ticker** - UMX

**Total Token Supply** - 10,000,000

**50%** 5,000,000 Seed Offering + Initial Token Offering - 0.00065 eth per token.

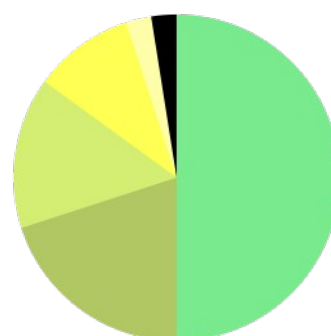
**20%** 2,000,000 Initial Uniswap Listing - 0.000675 eth per token.

**15%** team and development(time-released).

**10%** Marketing, exchange listings, partnerships.

**2.5%** completed YIELDX stakers airdrop.

**2.5%** completed SWAP holders airdrop.



## Fee Rewards Distribution for Unimex on Ethereum

- 0.2% Lenders
- 0.1% UMX Stakers
- 0.05% DGN Buyback & Burn
- 0.025% Team and Liquidation reserve
- 0.025% SWAP Stakers

## Fee Rewards Distribution for Unimex on Binance Smart Chain

- 0.2% Lenders
- 0.0625% UMX Stakers
- 0.0625% DGN Stakers
- 0.05% Space LP Stakers
- 0.025% SWAP Stakers



## **Governance**

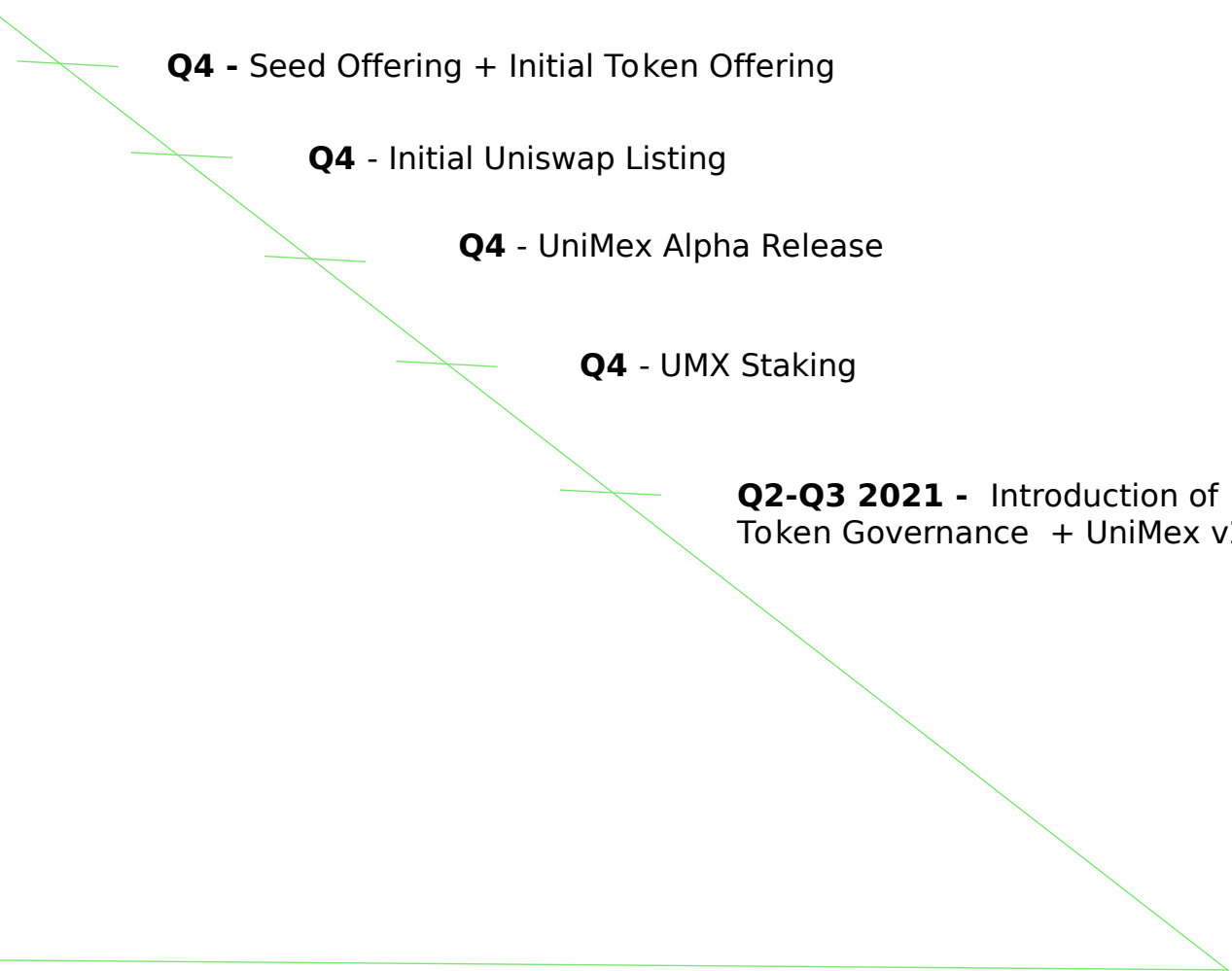
Decentralization is the main principle which UniMex endeavours to uphold. So between Q3-Q4 of 2021, administration will be removed from the contract and governance will be decentralised to holders of the UMX token.

### **PARTNER: Trustswap.org**

TrustSwap is a full-service DeFi platform offering a suite of practical applications that empower people and organizations to easily and securely exchange cryptocurrency and digital assets using fully-audited, customizable smart contracts. TrustSwap saves time and money by greatly reducing the need for third-parties with services such as SmartSwap (trustless P2P transactions), SmartEscrow (trustless escrow), and SmartSubscriptions (time-released payments).

TrustSwap will enable UniMex to conduct decentralized lending, as well as implementing a decentralized OTC desk for large volume trades. It also provides token locks for the Unimex team to ensure longevity and sustainability of the projects tokenomics.

# ROADMAP

A green diagonal line descends from the top left towards the bottom right. Five horizontal green lines cross this diagonal line at regular intervals, each pointing to a specific milestone in the roadmap.

**Q4** - Seed Offering + Initial Token Offering

**Q4** - Initial Uniswap Listing

**Q4** - UniMex Alpha Release

**Q4** - UMX Staking

**Q2-Q3 2021** - Introduction of  
Token Governance + UniMex v2