UNICAP

Crypto Exchange-Traded Pool (CETP) DeFi Ecosystem

Collateralized Swap Token UCAP
Reliability, Transparency, Profit & Low Risk

Introduction CETF

A crypto exchange-traded pool (CETF) is a type of pool and exchange-traded product, i.e. they are traded on crypto exchanges. CETF are similar in many ways to mutual pools, except that CETF are bought and sold throughout the 24 hours on crypto exchanges. An CETF holds assets such as cryptocurrency, tokens, coins, and generally operates with an arbitrage mechanism designed to keep it trading close to its net asset value, although deviations can occasionally occur.

A CETF divides ownership of itself into tokens that are held by token holders. The token holders indirectly own the assets of the POOL. Token Holders are entitled to a share of the profits, and they would be entitled to any residual value if the pool undergoes liquidation.

CETF may be attractive as investments because of their low costs, asset aggregation, and tradability.

Source: https://en.wikipedia.org/wiki/Exchange-traded_pool

Collateralized

You do not buy a token but collectively invest into the pool swapping your pools to UCAP tokens. Your pools are allocated at the pool accounts and all the transactions are transparent. That is why every token UCAP will be initially 90% collateralized with real cryptocurrency and liquidity tokens which the swap is done for.

Reliability

The project was created by the company FINEXPO existing since 2002. FINEXPO major projects are exhibitions and luxury trade shows organized annually all around the world. These events were attended by more than 200,000 visitors and 3,000 worldwide companies. The company is also the owner of IQ.cash and

Master.Money. The geography of these shows is really broad and covers the following countries: Thailand, Malaysia, Indonesia, Singapore, Vietnam, India, Egypt, Cyprus, China, Philippines, Kazakhstan, Russia, Ukraine, Slovakia, Latvia, etc.

Transparency

CETF transparent. CETFs are priced continuously throughout the 24-hour-trading and therefore have price transparency.

Trading

CETF can be bought and sold at current market prices at any time during the 24 hours. Also, investors can execute the same types of trades that they can with a cryptocurrency, such as limit orders, which allow investors to specify the price points at which they are willing to trade, stop-loss orders, margin buying, hedging strategies, and there is no minimum investment requirement. Because CETF can be cheaply acquired, held, and disposed of, some investors buy and hold CETF for asset allocation purposes, while other investors trade CETF shares frequently to hedge risk or implement market timing investment strategies.

Also, options, including put options and call options, can be written or purchased on CETF. Covered call strategies allow investors and traders to potentially increase their returns on their CETF purchases by collecting premiums (the proceeds of a call sale or write) on call options written against them.

Market exposure and diversification

CETF can provide some level of diversification. CETF provides an economical way to rebalance portfolio allocations and to invest cash quickly.

The Problem

Most of the coin and token owners (investors) face:

- Absence of additional passive income.
- Inability of profile creation from several tokens/coins and its professional management.
- Time and resource loss in the process of day trading. Learning and adjusting to artificial intelligence systems.
- Commission losses.
- Constantly following the new tendencies and deciding whether to buy perspective tokens and coins or not.

In a search for profit they start to pay attention to fast-developing DeFI start-ups. However, here they notice that most of DeFi tokens don't have the actual business but only expectations of how successful the project will be, so they can easily increase and likely easily fall in their price. Market difference can reach 1-100-1 USD, so only founders get income from it. All projects don't forward the actual profit to investors, so many of them get into the scam category.

We have analyzed the market and created a secure, profitable and transparent project UNICAP.Finance Pool with DeFi ecosystem for getting additional profit from your inactive crypto assets. Investors can solve these problems, start increasing the profit and getting stable income only by creating a crypto pool (collective investment).

We have created secured exchange token UCAP which you are provided with instead of the investment as a part of a pool UNICAP.
You do not buy a token but collectively invest into the pool swapping your pools to UCAP tokens. Your pools are allocated at the pool accounts and all the transactions are transparent. That is why every token UCAP will be initially 90% collateralized with real cryptocurrency and liquidity tokens which the swap is done for. 10% will be

reserved by the company management for control, development, listings at the leading exchanges and project advertisement. The profit of the DeFi ecosystem operation will be forwarded to the pool additionally which is going to increase token cost and cover the initial expenses on pool management as well as market pool cost increase.

Token swap to your pools is planned as multi-leveled (min 90 levels). The price will increase on $0.1 every next level (300,000 - 1,000,000 tokens)! After Pre Public Swap Levels and listing, tokens will swap/sale at the price set by the exchange, but no less than the current level.
The starting price $1 will increase up to more $20 by the end of allocation of all tokens which will bring quite a profit to the first pool investors.

The opportunity to swap UCAP tokens to the pool "Buy Back" will be available on further levels (after listing) or you can use the token as a financial instrument of a part of all pools for pools or exchange trading.
Swap "Buy Back" UCAP - all tokens to be returned to the pool will be frozen and swap/sale to cryptocurrency in the future after level 90! Swap "Buy Back" 5% OFF commission to pool. Min "Buy Back" swap 10,000 USDT.
Swap Price UCAP = Net Worth / Token Circulation

Tokens will be listed on the leading exchanges (Bittrex, OKEX, Huobi, Binance, FTX, BitHumb, UpBit, BitFinex and more) after Pre Public Swap period. Liquidity pools will be created at all leading DeFi platforms.

UCAP Supply Allocation 10% / 90%
10% Development & Governance
90% UNICAP project

UNICAP

UNICAP pool Supply Allocation:

5% Stablecoins. Investment AI Trading Systems and Money Management
USDT, TUSD, USDC, PAX, BUSD, DAI. Allocation of pools in a form of stable coin for artificial intelligence system trading. Short-term trading – day trading. Futures, options and synthetic instruments trading.

25% Reserved for Investment to Crypto/DeFi Startups and new UNICAP CETFs pools.
Promising startup token/coin swap to UCAP token for project development, partnership listing and capitalization multiplication for further profit and pool capitalization increase.
It is planned that UCAP token owners will vote for investing in startups.

10% Stablecoins.
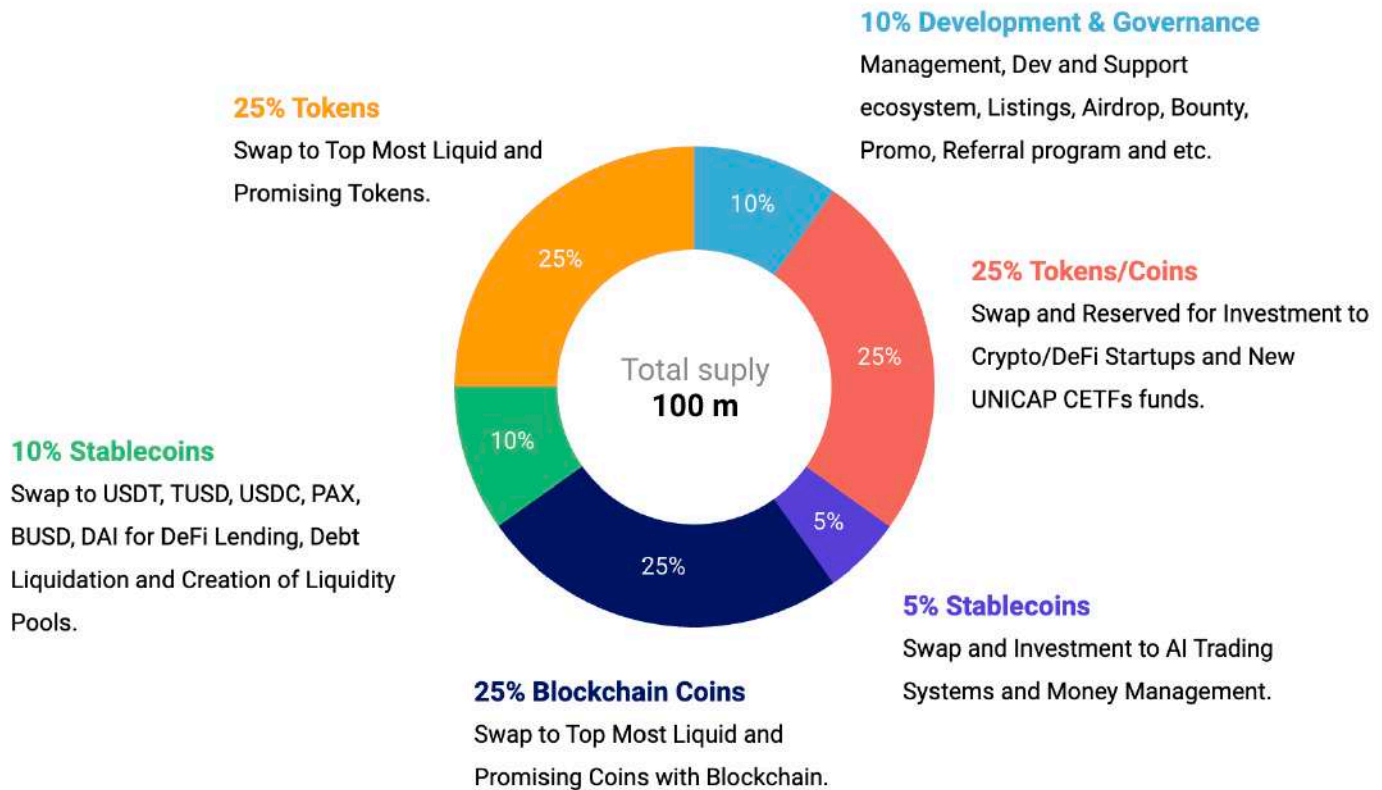USDT, TUSD, USDC, PAX, BUSD, DAI for DeFi lending, debt liquidation and creation of liquidity pools.

25% Blockchain Coins.
Top most liquid and promising coins with blockchain. Profile management. Pool rotation for liquidity and capitalization increase by swapping inactive or decreasing to more promising in terms of pool policy.

25% Tokens (Any Platform).
Top most liquid and promising tokens. Profile management. Pool rotation for liquidity and capitalization increase by swapping inactive or decreasing to more promising in terms of pool policy.

UNICAP Ecosystem

25% Tokens
Swap to Top Most Liquid and Promising Tokens.

10% Stablecoins
Swap to USDT, TUSD, USDC, PAX, BUSD, DAI for DeFi Lending, Debt Liquidation and Creation of Liquidity Pools.

25% Blockchain Coins
Swap to Top Most Liquid and Promising Coins with Blockchain.

10% Development & Governance
Management, Dev and Support ecosystem, Listings, Airdrop, Bounty, Promo, Referral program and etc.

25% Tokens/Coins
Swap and Reserved for Investment to Crypto/DeFi Startups and New UNICAP CETFs funds.

5% Stablecoins
Swap and Investment to AI Trading Systems and Money Management.

Total suply
100 m

- 10%
- 25%
- 25%
- 10%
- 25%
- 5%

Token Specifications and Sale Allocation

Specifications	Description
Token Ticker	UCAP
Token Type	ERC-20
Blockchain	Ethereum
Legal Classification	Utility Token
Total Supply (No. of Tokens)	100,000,000
Private Swap	250,000 UCAP (0.20%) at USD 0.8 per UCAP
Pre Public Swap Level 1	300,000 UCAP (0.30%) at USD 0.8 - 1 per UCAP

Pre Public Swap Level 2	500,000 UCAP (0.50%) at USD 0.9 – 1.1 per UCAP
Pre Public Swap Level 3	500,000 UCAP (0.50%) at USD 1 – 1.2 per UCAP
Sale Level 4	500,000 UCAP (1%) at USD 1.1 – 1.3 per UCAP
Sale Level 5	500,000 UCAP (1%) at USD 1.2 – 1.4 per UCAP
Sale Level 6	1,000,000 UCAP (1%) at USD 1.3 – 1.5 per UCAP
Sale Level 7-100	1,000,000 UCAP (1%) each level at USD 1.4 - 20 per UCAP

UNICAP DeFi Bank

Cryptocurrency Loan Protocol -- UNICAP DeFi Bank

UNICAP DeFi Bank is a crypto digital currency deposit and loan protocol that supports deposit, withdrawal, as well as borrowing and paying at any time. Through automatic procedures (smart contracts) deployed on the blockchain system, investors can quickly obtain returns without any obstacle, and borrowers can quickly and easily obtain financial support after providing appropriate collateral.

Design

With UNICAP DeFi Bank, users are able to earn interests by depositing their digital assets in the smart contract. Meanwhile, they will obtain loan quotas, and are allowed to lend an amount of their cryptocurrency that is within the quota. Users no longer need to pay attention to the duration and can withdraw or pay anytime, regardless of whether it is a deposit or a loan.

When the borrower's outstanding loan exceeds the limited ratio of its collateral, the system will seize the user's assets and start the liquidation process. Now, arbitrageurs are allowed to call the liquidation contract and replace the seized assets at a certain discount. Since various digital assets differ in market size, liquidity, price stability, etc., their collateral rates, liquidation discounts, etc. will not be the same. Please check the following table for product information

Table DeFi Bank Information Table

Key element	Rules
Stablecoins	USDT, TUSD, USDC, PAX, BUSD, DAI
Tokens	ETH, LEND, LINK, DOT, MKR, ZRX, UMA, SNX, OMG, COMP, KNC, REN, BAT, CRV, KAVA, YFI, YFII, HT, OKB, FTT, NXM, BAL, BAND, ANT, REP, ENJ, OCEAN, GNT
Collateral rate	120-150%
Liquidation discount	95%
Margin closeout	When the total deposited asset volume is less than the value of borrowed volume multiplied by the sum of staking rate, a margin closeout will be made
Lending interest rate	20% to 35%
Annual deposit interest rate	5 to 20%, the annual deposit interest rate is decided by the annual lending interest rate and usage rate. Formula: annual deposit interest rate = annual lending interest rate * usage rate * 0.9
The maximum amount of one token that can be lent in the contract	= [(Sum of all deposit - sum of all borrowed assets*corresponding collateral rate) ÷ the minimum collateral rate of the corresponding token] ÷ the price of the corresponding token
The maximum amount of one token that can be lent in the page	= the maximum amount of each token that users can borrow in the contract × (1 - token liquidation discount)

Interest Rate Module

UNICAP DeFi Bank adopts an algorithm-driven interest rate model, where the interest rate is automatically adjusted according to changes in the relationship between supply and demand, so as to adjust factors such as the total size of loans and the amount of pool supply.

In terms of the adjustment and control of loans, the Bank sticks to the following principles. When the lending amount in the loan pool is low: loan interest rate increases slowly to encourage borrowers to borrow from the loan pool; And when the lending amount in the loan pool is high, or even close to saturation, loan interest rate increases quickly to boost deposit interest rate and encourage lenders to deposit more pools to the loan pool. The adjustment by algorithm can ensure that the loan pool develops and increases healthily.

To quantify the amount of the lent asset, we introduce parameter x to represent the lent proportion of stablecoin a:

$$x = \frac{Total\ amount\ of\ lent\ stablecoin\ a}{Remaining\ amount\ of\ lendable\ stablecoin\ a + Total\ amount\ of\ lent\ stablecoin\ a}$$

Let the borrowing interest rate be y, and the relationship between y and x can be demonstrated as a piecewise function as follows:

$$\begin{cases} y = x^e + 0.015; & if \quad 0 \le x < \dfrac{3 - \sqrt{5}}{2} \\[2mm] y = \left(\dfrac{3 - \sqrt{5}}{2}\right)^{e-1} x + 0.015; & if \quad \dfrac{3 - \sqrt{5}}{2} \le x < \dfrac{\sqrt{5} - 1}{2} \\[2mm] y = \left(\dfrac{3 - \sqrt{5}}{2}\right)^{e-1} - (1 - x)^e + 0.015; & if \quad \dfrac{\sqrt{5} - 1}{2} \le x \le 1 \end{cases}$$

As shown in the formula, UNICAP DeFi Bank divides the change of interest rate into three stages:

- First stage. In order to stimulate the increase in loan amount in the initial

stage, the interest rate growth model approximates an exponential curve, which also conforms to the law of natural growth.

- Second stage. By accumulating a certain amount of borrowings, the growth of interest rate becomes stable, represented as a line with a certain slope in graph.

- Third stage. As the amount of lent assets becomes significant, the loan interest rate grows faster, in order to properly control the pace of lending pools and boost the amount of deposits. The pace of the increase in interest rates will gradually approach an extreme value, which is demonstrated as a modified exponential curve.

Accordingly, the formula for SIR (Savings Interest Rate) is:

$$SIR \cdot = x \times y \times (1 - s)$$

x = The lending proportion of stablecoin a

y = The lending interest rate for stablecoin a

s = Adjustment ratio (0 ≤ s < 1, normally 0.1)

Interest Rate Calculation

The annual deposit interest rate and the annual loan interest rate will be converted into interest rate per second, while adopting the continuous compounding formula. Assuming that "R" is the annual loan interest rate, the formula for the interest rate per second "r" is:

$$r = \frac{R}{365 \times 24 \times 60 \times 60}$$

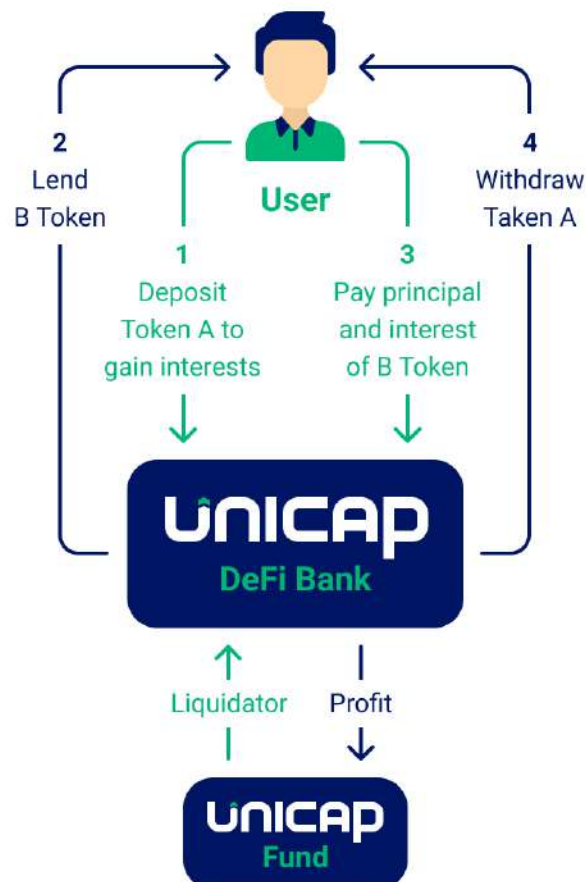Therefore, the interest rate at time "t" is:

$$r_t = r_{t-1} \times e^{r \times \Delta t}$$

Δt refers to the time interval from time t-1 to t.

Assuming that a user borrows "BA" amount of asset at time "t0", and pays the debt at time "t1", the amount that this user should pay, including the principal and interests, is

$$BA \times \frac{r_{t1}}{r_{t0}}$$

Deposit interest rate and interest calculation formulas are similar to the above.

Disclaimer

This whitepaper ("Whitepaper") is prepared by UNICAP.finance (the "Company") may be amended from time to time without notice. This Whitepaper is intended to provide general information and is not meant to be exhaustive, comprehensive or authoritative. Structures and programs may undergo changes without notice to adapt to market conditions.

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Risks Disclosures

The risks described below, and or other additional risks presently regarded to be immaterial actually materialise, the commercial viability of UCAP and its features and services may be materially and adversely affected and could result in the destruction of UCAP tokens and/or the termination of the development or operation of the UCAP and its features and services.

1. UCAP and its associated ecosystem solutions are under development and may undergo significant changes before they are released or implemented. While the Company intends for UCAP and its associated ecosystem solutions to function as described in this Whitepaper, the Company may have to make changes to various features or specifications of UCAP or its associated ecosystem solutions. During the course of development, the Company may also run into difficulties including financial, resourcing or technical difficulties. This may create the risk that UCAP or its associated ecosystem solutions may not meet the expectations users may have and this may adversely impact UCAP, its associated ecosystem solutions and the potential utility of UCAP.

2. While UCAP has a vision of making the UCAP solution fully autonomous with community decision making using transparent and fair governance processes, in order to increase development speed and react faster to environmental challenges, many initial decisions will be made in a centralized manner. This includes decisions about token listings, protocol variable adjustments, use of pools, use of tokens and industry partnerships.

3. The products and services that are offered by third parties through UCAP may be subject to applicable laws and regulation in the relevant jurisdictions and may create the risk of infringing such laws and regulations. This may negatively impact UCAP, its associated ecosystem solutions and the potential utility of UCAP.

4. The sale and creation of UCAP and the development of its associated ecosystem solutions may fail, be abandoned or be delayed for a number of reasons, including lack of interest from the public, lack of pooling, or lack of commercial success or prospects (e.g. caused by competing projects).

5. UCAP, the sale of UCAP and/or its associated ecosystem solutions are based on blockchain technology which is still in a relatively early development stage. UCAP is intended to represent a new capability on emerging technology that is not fully proven in use. Any malfunction, flaws, breakdown or abandonment of the underlying blockchain technologies used by UCAP may have a material adverse effect on UCAP, the sale of UCAP and/or its associated ecosystem solutions. As the technology matures, new capabilities may dramatically alter the usefulness of

UCAP or the ability to use or sell them. The functionality of UCAP is complex, will require enhancements and product support over time, and full functionality may take longer than expected. The full functionality of UCAP is not yet complete and no assurance can be provided of such completion.

6. It is possible that certain jurisdictions will apply existing regulations on, or introduce new regulations addressing, blockchain technology, which may be contrary to UCAP and/or its associated ecosystem solutions and which may, inter alia, result in substantial modifications of the overall ecosystem strategy relating to UCAP and/or its associated ecosystem solutions, including termination and the loss of UCAP.

7. The tax treatment and accounting of UCAP is uncertain and may vary amongst jurisdictions. You must seek independent tax advice in connection with purchasing UCAP, which has the possibility of resulting in adverse tax consequences.

8. The value of tokens or cryptocurrencies may fluctuate significantly over a short period of time as a result of various factors including market dynamics, regulatory changes, technical advancements, and economic and political factors. Due to such volatility, the Company may not be able to pool development of UCAP and/or its associated ecosystem solutions, or may not be able to maintain UCAP in the manner that it intended.

9. It is possible, due to any number of reasons including, but not limited to, an unfavorable fluctuation in the broad cryptographic token market, decrease in UCAP utility, the failure of commercial relationships, or intellectual property ownership challenges, that the UCAP may no longer be viable to operate and the Company may dissolve or be wound up or face an uncertain or changing regulatory regime.

10. Cryptographic tokens such as UCAP are a new and relatively untested technology. In addition to the risks noted above, there are other risks associated with your purchase, holding and use of the UCAP that the Company cannot anticipate. Such risks may further materialise as unanticipated variations or combinations of the risks set out above.