Atom Foundation

Ecosystem Based DeFi 2.0

Secure Future

Zero Volatility Swap Platform

During bear markets, trading decreases out of fear. The secure future solution is designed to minimize risks and increase certainty by showing investors that other investors are bullish with their investment and to predict what the potential return looks like.

Investors select a pair on any AMM to send their funds to the Secure Future contract which holds all funds until the due date. During the wait period, investors are able to see a display of what the potential ROI and token price value will be assuming that the total funds are pushed to the pool at that exact moment.

The secure future will have a due date to be executed every Friday at 12:00 PM UTC. At that time, the funds are pushed to the pool. If some investors do not like the potential ROI and token price displayed, they can withdraw their principal funds with zero penalty at any time before that due date.

All investors are placed in a position based on their time contributing to the Secure Future.which means the better ROI position will be based on a first come, first served basis.

New Secure Futures open every week on Friday at 12:01 PM UTC.

PDO with Secure Future

A combination of the PDO and Secure Future helps scale the PDO during a bear market and increase certainty by showing investors that other investors are bullish with their investment and to predict what the potential return looks like.

Investors invest into a PDO and are automatically secured to receive an APY at the token price on the market at that time. Investors' principal does not yet push the pools through the PDO process until the investor feels comfortable enough to invest.

The secure future will have a due date to be executed which will be equal to the staking period in the PDO. At that time, the funds are pushed to the pool. If some investors do not like the potential ROI and token price displayed, they can withdraw their principal funds with zero penalty at any time before the due date but they will lose all the potential APY profits.

This way, even though the staking period is for example 90 days, users can benefit from the upside of gaining an early ticket through the APY reward while waiting until day 90 to execute their principal, minimizing their exposure. All while maintaining the ability to withdraw at any time.

Extra Incentives

Investors' utilizing Secure Future will receive rewards based on the investment protocols associated with the token used for investment. The rewards are generated and distributed through smart contracts utilizing yearn.finance, venus, and similar investment protocols.

Even if the investor utilizes the Secure Future, meaning their investment is cancelled and returned in full, the investor will keep the rewards, ensuring they do not have lost opportunity cost from staking.

If investors cancel the reward goes to their wallet and if they execute the investment it goes to the project.

Use Case A - Investment Executed

- Bob deposits 2 BNB to the Secure Future contract on day 1.
- Once the contract receives the 2 BNB, it is automatically sent to Venus and/or yearn.finance (can generate potential reward of of 6-12%)
- The PDO token price was $0.01 at the time of deposit and the APY was set by the project at 413.5% over 90 days staking (equal to a 100% bonus)
- Even though Bob's funds is secure and not yet invested into the PDO pool, Bob guaranteed himself a reward of 100,000 tokens based on $0.01 if he executes the investment
- Let's assume after 89 days, the market price increases to $0.1
- Through the PDO investment Bob will now have to pay for each token at the market price since he is still protected by the Secure Future and not really invested yet
- Now when Bob invests he has opportunity lost of $9,000 since instead of getting 100,000 tokens at price of $0.01 like it was at the time Bob joined the secure future, now Bob will receive 10,000 tokens at the price of $0.1
- During this Secure Future protection period, Bob has zero risk and wanted to see how the market would mature first before he finalized his investment but still wanted the upside of the early APY reward
- Bob is still guaranteed the initial 100,000 APY tokes at $0.01 each because he acted early
- On one side, Bob paid more for the tokens ($0.1 instead of $0.01) but on the other side he gained $10,000 profits from the APY. It makes sense to assume that Bob will be happy to pay with his principal 10,000 at $0.1 in order to keep the the profit of $10,000 from the APY
- If Bob decides to cancel his investment, his initial 2 BNB (the refund is always fixed with the exact same token received) deposit is returned and he also receives the APY rewards from the Venus or like staking contract, so he can think of it like a strategic staking program.

Use Case B - Secure Future protection is utilized

- Bob deposits 2 BNB to the Secure Future contract on day 1.
- Once the contract receives the 2 BNB, it is automatically sent to Venus and/or yearn.finance can generate potential reward range of of 6-12%)
- The PDO token price was $0.01 at the time of deposit and the APY was set by the project at 413.5% over 90 days staking (equal to a 100% bonus)
- Even though Bob’s funds is secure and not yet invested into the PDO pool, Bob guaranteed himself a reward of 100,000 tokens based on $0.01 if he executes the investment
- Let’s assume after 90 days, the market price increases to $0.1
- Through the PDO investment Bob will now have to pay for each token at the market price since he is still protected by the Secure Future
- Let’s say although the token price has increased, Bob is not confident in the market at that time and wants his initial 2 BNB back instead (the refund is always fixed with the exact same token received), so he utilizes the Secure Future protection.
- Bob receives his initial 2 BNB deposit back and he also receives the rewards from the Venus or like staking contract, so he can think of it like a strategic staking program.
- Since Bob cancelled his investment and gets fully refunded, he will lose the potential profits from 100,000 APY tokes at $0.01 which will return to the PDO pool

NB: Since the public is able to see the amount of funds in the Secure Future contract, it’s safe to assume that Bob may not wait until day 89 to execute his investment because the public may speculate that a lot of funds are about to deploy to the pool. This scenario causes a natural Fear of Missing Out (FOMO) for the public to get into the token before the pending Secure Futures execute.