



AQUOS

Whitepaper

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AQUOS Overview

Aquos provides a decentralized financial asset which rewards users with a sustainable fixed compound interest model through use of its unique AAP protocol.

The Aquos Auto-Staking Protocol (AAP for short) is a new financial protocol that makes staking easier, more efficient and awards \$AQUOS token holders the highest stable returns in crypto.

Aquos Protocol gives the Aquos token automatic staking and compounding features, and the highest Fixed APY in the market at **382,945.41%** for the first 12 months. Aquos is a company focused on DeFi innovation that creates benefits and value for Aquos token holders. Our AAP protocol that is used within the Aquos token grants exceptional benefits for holders of \$AQUOS:

- **Low Risk with the Aquos Insurance Fund** - 5% of all trading fees are stored in the Aquos Insurance Fund which helps sustain and back the staking rewards by maintaining price stability and greatly reducing downside risk.
- **Easy and Safe Staking** - The Aquos token always stays in your wallet so it doesn't need to be put into the hands of a 3rd party or centralized authority. All you need to do is buy & hold as you automatically receive rewards in your own wallet so there's no more complicated staking processes at all.
- **Interest Yield with Automatic Payments** - You need not be worry about having to re-stake your tokens. Interest yield is paid automatically and compounded in your own wallet, guaranteeing you will never miss a payment.
- **Highest Fixed APY** - Aquos pays out at 382,945.41% in the first 12 months which rivals anything in the DeFi arena to date. After the first 12 months the interest rate drops over a predefined Long-term Interest Cycle period.
- **Rapid Interest Payments** - The Aquos Protocol pays every Aquos Token holder each and every 15 minutes or 96 times each day, making it the fastest auto-compounding protocol in crypto.
- **Auto Token Burn** - One of the exciting features of the Aquos Protocol is an automatic token burn system named "The Fire Pit" which prevents circulating supply getting out of hand and becoming unmanageable. The Fire Pit burns 2.5% out of all Aquos Token market Aales and is burned in the same individual transaction.

The AAP uses a complex set of factors to support its price and the rebase rewards. It includes the **Aquos Insurance Fund** which serves as an insurance fund to achieve price stability and long-term sustainability of the Aquos Protocol by maintaining a consistent **0.02355% rebase rate** paid to all \$AQUOS token holders **every 15 minutes**.

The Aquos development team has coordinated all of these elements together so they work seamlessly behind the scenes. The result is a simple and elegant staking and rewards system for \$AQUOS holders.

How Does Auto-Staking Work?

The Aquos Protocol Auto-Stake feature is a simple yet cutting-edge function called **Buy-Hold-Earn**, that provides the ultimate ease of use for \$AQUOS holders.

Buy-Hold-Earn - By simply buying and holding \$AQUOS token in your wallet, you earn rebase rewards as interest payments directly into your wallet. Your tokens will increase **every 15 minutes**.

Using a Positive Rebase formula, Aquos makes it possible for token distribution to be paid directly proportional to the epoch rebase rewards, worth 0.02355% every 15 minute epoch period of the total amount of \$AQUOS tokens held in your wallet. The rebase rewards are distributed on each EPOCH (15 minute rebase period) to all \$AQUOS holders.

This means that without moving their tokens from their wallet, Aquos holders receive an annual compound interest of 383,025.80% for Year 1.

Aquos Insurance Fund

Aquos Insurance Protocol is the acronym for the Aquos Insurance Fund which is a separate wallet in Aquos's system. The AIF uses an algorithm that backs the Rebase Rewards and is supported by a portion of the buy and sell trading fees that accrue in the AIF wallet.

In simple terms, the staking rewards (rebase rewards) which are distributed every 15 minutes at a rate of **0.02355%** are backed by the AIF parameter, thus ensuring a high and stable interest rate to \$AQUOS token holders.

5% of all trading fees are stored in the Aquos Insurance Fund which helps sustain and back the staking rewards provided by the positive rebase.

AIF Keeps holders safe by:

- Avoiding flash crash through price stability
- Achieving long-term sustainability and future growth of the Aquos Protocol
- Greatly reducing downside risk

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The Treasury

The Treasury plays a very important role in Aquos's AAP protocol. It provides three extremely critical functions for the growth and sustainability of Aquos.

The treasury functions as additional financial support for the AIF. This additional support can become important in the event of an extreme price drop of the \$AQUOS token or unforeseen black-swan event. It helps to establish a floor value for the \$AQUOS token. The treasury may also be used to fund new Aquos products, services, and projects that will expand and provide more value to the Aquos community as well as providing funding for marketing.

The Fire Pit

2.5% of all \$AQUOS traded are burnt in **The Fire Pit**. The more that is traded, the more get put into the fire causing the fire pit to grow in size, larger and larger through self-fulfilling Auto-Compounding, reducing the circulating supply and keeping the Aquos protocol stable.

The other benefit to an everlasting burn of circulating supply is that due to the deflationary nature of it, equates to a higher value of each \$AQUOS token, therefore increasing the individual value.

The Fire Pit

Burns Token Supply to:

- Prevent circulating supply getting out of hand and becoming unmanageable.
- Offset positive rebase interest printing.

2.5% of all \$AQUOS traded are burnt in the Fire Pit. The more that is traded, the more get put into the fire causing the fire pit to grow in size, larger and larger through self fulfilling Auto-Compounding, reducing the circulating supply and keeping the Aquos protocol stable.

Auto-Liquidity Engine (AALE)

Market Liquidity is of utmost importance and plays a vital role in allowing the buy & sell of \$AQUOS tokens on PancakeSwap.

In layman's terms, think of Liquidity as a big pool of money that is split 50/50 between \$AQUOS tokens VS \$BNB tokens. There is a conversion ratio that is set to the amount of \$AQUOS you can get with BNB, for example: 1 BNB = 24.66 AQUOS.

When somebody buys AQUOS, the price per AQUOS will go up and the ratio above will also change at the same time to account for this. The same goes in the opposite direction for sells.

Liquidity allows for anybody to buy & sell their AQUOS/BNB at anytime, however the less money/liquidity there is in the pool, the worse price you get so what our Aquos Auto-Liquidity Engine (AALE) does, is add more liquidity to that pool by itself and therefore solving that issue.

Here is how the Aquos Auto-Liquidity Engine (AALE) works:

Every 48 hours our Aquos Auto-Liquidity Engine (AALE) will inject automatic liquidity into the market. On each buy or sell order there is a **4% tax fee** that automatically gets stored into an Auto-LP wallet and built into our protocol's smart contract is the mechanism which smartly takes the 50% of the amount of AQUOS stored in the wallet, and will **automatically** buy BNB at the current market price.

The remaining 50% of AQUOS in the Auto-LP wallet will be used for the AQUOS side of liquidity, therefore giving equal an 50/50 weighting of AQUOS/BNB which will then be **automatically** added as new, additional liquidity into the market pair and raising the amount of liquidity in the pool.

The AALE will do this **every 48 hours** by adding more and more liquidity to the pool which will allow \$AQUOS token holders to easily sell their tokens at anytime with little to no market slippage. It will also aid in **maintaining protocol stability** to make sure the APY is upheld for the entire life of Aquos.

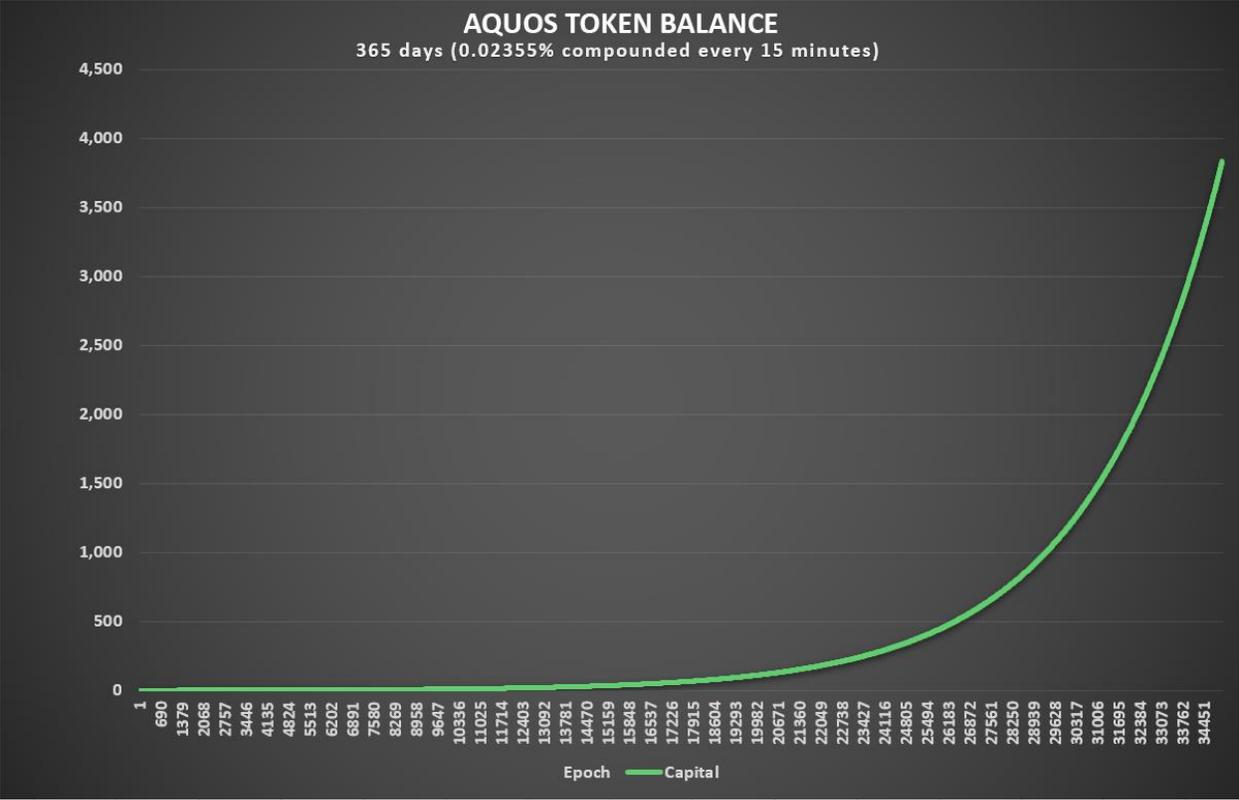
Fixed APY

APY stands for Annual Percentage Yield. This measures the real rate of return on your principal amount by taking into account the effect of compounding interest. In the case of Aquos, your \$AQUOS tokens represent your principal, and the compound interest is added periodically on every Rebase event (Every 15 minutes), otherwise known as an 'Epoch'.

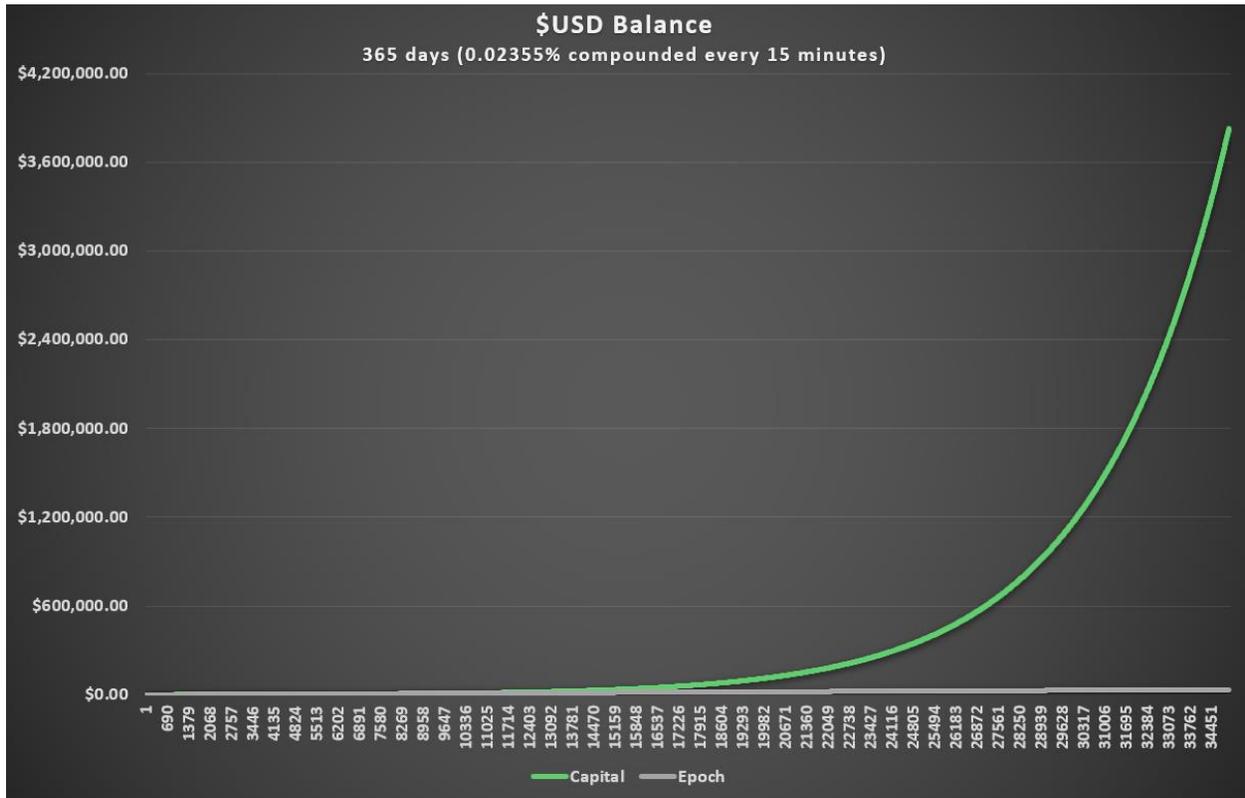
Your new principal amount is your then current Aquos token amount, plus your new rebase token amount. This total amount is what gets calculated for your next rebase rewards.

The Power of Compound Interest - It is important to note that your balance will grow not linearly but exponentially over time. Taking a compound interest of 0.02355% / 15 minutes:

EXAMPLE 1: *If you started with a balance of only 1 \$AQUOS on day 1, after a year, your balance will have grown to 3829.45 \$AQUOS.*



EXAMPLE 2: If you started with a balance of only \$1,000 on day 1, after a year, your balance will have grown to \$3,830,454.



How the APY is Calculated

Simple Interest Equation (Principal + Interest)

$$A = P(1 + rt)$$

Where:

- A = Total Accrued Amount (principal + interest)
- P = Principal Amount
- I = Interest Amount
- r = Rate of Interest per year in decimal; $r = R/100$
- R = Rate of Interest per year as a percent; $R = r * 100$
- t = Time Period involved in months or years

From the base formula, $A = P(1 + rt)$ derived from $A = P + I$ and since $I = Prt$ then $A = P + I$ becomes $A = P + Prt$ which can be rewritten as $A = P(1 + rt)$

Note that rate r and time t should be in the same time units such as months or years. Time conversions that are based on day count of 365 days/year have 30.4167 days/month and 91.2501 days/quarter. 360 days/year have 30 days/month and 90 days/quarter.

Simple Interest Formulas and Calculations:

A = the Final Investment Value, using the simple interest formula: $A = P(1 + rt)$ where P is the Principal amount of money to be invested at an Interest Rate $R\%$ per period for t Number of Time Periods. Where r is in decimal form; $r = R/100$; r and t are in the same units of time.

The accrued amount of an investment is the original principal P plus the accumulated simple interest, $I = Prt$, therefore we have:

$A = P + I = P + (Prt)$, and finally **$A = P(1 + rt)$**

- Calculate Total Amount Accrued (Principal + Interest), solve for A
 - $A = P(1 + rt)$
- Calculate Principal Amount, solve for P
 - $P = A / (1 + rt)$
- Calculate rate of interest in decimal, solve for r
 - $r = (1/t)(A/P - 1)$
- Calculate rate of interest in percent
 - $R = r * 100$
- Calculate time, solve for t
 - $t = (1/r)(A/P - 1)$

Example:

$P = (\text{Principle} + \text{Interest}) = \$1,000$

$A = (\text{Total Accrued Amount}) = \$3,830,454.12$

Long-term Interest Cycle (LIC)

In order to maintain sustainability and future growth, we have introduced a Long-term Interest Cycle (LIC) component which will award \$AQUOS token holders with continued compound interest in perpetuity.

Each Interest Cycle is 15 minutes in length and is referred to as an **EPOCH**.

There are 35,040 EPOCH's in 1 year.

EPOCH 1 - 35,040: 0.02355% every EPOCH (**First 12 Months**)

EPOCH 35,041 - 52,560: 0.00211% every EPOCH (**Next 6 months**)

EPOCH 52,561 - 245,280: 0.00014% every EPOCH (**Next 6.5 Years**)

EPOCH 245,281: 0.00002% every EPOCH (**In Perpetuity until max supply is reached**)

AQUOS Token

\$AQUOS is a Bep20 token which rewards its holders with automatic passive interest payments every 15 minutes over the lifespan of 13.5 years until the maximum supply of 3.25 Billion tokens has been reached.

Is Aquos just another Titano Fork?

Our entire protocol's smart contract was written and developed from scratch from our own competent group of developers. It does not contain any resemblance to Titano's code or operation as Aquos works on a completely new set of mechanics which allows for complete protocol sustainability.

We also have several proprietary mechanisms in place that we have created ourselves which offers many improvements over our competition such as; our Aquos Auto-Liquidity Engine (AALE), the Aquos Insurance Fund (AIF), our Longterm Interest Cycle (LIC), aswell as safeguards in place which secure against malicious hack attempts. Aquos's tokenomics are also completely unique with our Auto-Burn Fire Pit structure, minimal starting supply and lower 15 minute Epoch's for a much more linear APY progression of attainability.

Aquos Buy and Sell Fees

Aquos buy and sell fees are an important component of the AAP. They provide capital for performing critical functions to the protocol.

Other protocols utilize selling bonds to support the same functions as Aquos fees, but we believe that approach is riskier because if bonds are not purchased, the token can lose its support and spiral downward in price as we have seen with several of these bond based protocols.

Selling bonds also costs token holders. It reduces the amount of APY that can be offered and eliminates the ability to offer a stable APY.

The amount of the fees (**14% for buys** and **16% for sells**) allows Aquos to provide \$AQUOS holders with the stable high yield of 382,945.41% annually.

Trading Fees Explained

Buy Trading Fees:

4.0% - LP	5.0% - AIF	2.5% - Treasury	2.5% - Fire Pit
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Sell Trading Fees:

4.0% - LP	5.0% - AIF	4.5% - Treasury	2.5% - Fire Pit
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Placement:

- **LP** - Trading fees goes to backing the liquidity of the BNB/AQUOS pair on PancakeSwap ensuring an ever-increasing collateral value of \$AQUOS.
- **AIF** - Trading fees are stored in the Aquos Insurance Fund which helps sustain and back the staking rewards provided by the positive rebase.
- **Treasury** - Trading fees go directly to the treasury which supports the AIF and provides a marketing budget for Aquos and funds new product development.
- **Fire Pit** - 2.5% of all \$AQUOS traded are burnt in the Fire Pit. The more that is traded, the more get put into the fire causing the fire pit to grow in size, larger and larger through self fulfilling auto-compounding which in return acts to reduce the circulating supply of \$AQUOS and keeping the Aquos protocol stable.

AQUOS Features

NFT Ecosystem

- Collectibles, Marketplace & More!
- Mint, Stake & Trade
- Powerful Utility to Consume \$AQUOS

Games

- Launch Of A Competitive P2E & PVP Game
- In-Game NFT Implementation
- Powerful Utility To Consume \$AQUOS

NFT Auction & Launchpad Platform

NFT Marketplace developed to be fully compatible with Binance Smart Chain. Users can mint new NFT's and sell them directly at auction. Our platform allows lineage and bulk minting of assets.

Play to Earn (P2E) Game

Aquos will bring into the market its own P2E game to increase the possibilities of earning more by being an active member of the community.



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Roadmap

- ✓ Website Development
- ✓ Whitepaper Documentation
- ✓ Build Phase - Smart Contract
- ✓ Build Phase - dApp V1 Dashboard
- ✓ Deployment Phase - Smart Contract - Testnet
- ✓ Solidity Finance Audit
- ✓ Deployment Phase - Smart Contract Deployment - Mainnet
- ✓ Deployment Phase - dApp V1 Dashboard
- ✓ Initiate and Promote Discord Community
- ✓ PR Marketing
- ✓ Bounty Campaign
- ✓ Pre-Launch Marketing
- ✓ Fair Launch on Pinksale
- ✓ PinkLock Liquidity Locked 13.5 years
- ✓ Twitter Marketing Campaign
- ✓ YouTube Marketing Campaign
- ✓ CoinMarketCap Listing
- ✓ Certik Application
- ✓ Certik Listing
- ✓ Certik KYC
- ✓ Certik Audit
- ✓ **CoinGecko Listing**
- ✓ DappRadar Listing
- ✓ Airdrop Campaign
- ✓ **SEO**
- ✓ **5,000 Token Holders**
- ✓ **10,000 Token Holders**
- ✓ **15,000 Token Holders**
- ✓ **20,000 Token Holders**
- ✓ 50,000 Token Holders
- ✓ 100,000 Token Holders
- ✓ Build Phase - dApp V2 Dashboard
- ✓ Deployment Phase - dApp V2 Dashboard
- ✓ On Ramp Integration
- ✓ Cross-Chain Integration
- ✓ Partnerships
- ✓ Development Mobile Application iOS and Android
- ✓ Launch Alpha Version Mobile Application iOS and Android
- ✓ DAO
- ✓ Merchandising
- ✓ NFT Collections

Soft Cap - 200 BNB **Hard Cap** - 300 BNB (If Hard Cap is not reached, remaining tokens will be burnt in The Fire Pit). **Minimum Purchase** - 1 BNB **Maximum Purchase** -3 BNB

PancakeSwap Launch:

PancakeSwap Launch Price - 1 BNB = 50 \$AQUOS (\$15.54 per AQUOS)

*Current price 24-FEB-2022

Initial Market Cap (Estimate) - \$100,000.00 USD **NO TEAM TOKENS** - The Aquos Team will **NOT** hold any tokens. The only tokens owned by the Treasury will be collected via accumulating trading fees. We are committed to the longevity of the project and thus the \$AQUOS team cannot dump on you.

NO EXTRA MINT OR HIDDEN TOKENS - The \$AQUOS smart contract has **NO** ability to mint extra tokens nor can the supply be manually increased or used in an artificial way to change the initial supply by awarding ourselves free tokens. The initial supply is 325,000 tokens only (please see the breakdown above).

NO RUG PULL - Liquidity will be **locked for 1 years** via trusted Uniswap Network which cannot be touched or released early. (This means that you as a token holder will **ALWAYS** have the freedom to buy/sell whenever you like without restrictions or complications - your tokens that you buy are yours and remain in your wallet always and are never 'locked').

NO BOTS - All front run and sniper **bots will be instantly blocked** by the Aquos smart contract by the blacklist feature. Our smart contract cannot block normal wallets, only contracts i.e. bots.

