

RetardedAPR Whitepaper

By Retard Global

Introduction

The world of decentralized finance (DeFi) has evolved at an unprecedented pace, offering investors innovative tools to grow their wealth. Amid these developments, RetardedAPR emerges as a revolutionary concept, challenging traditional notions of yield and returns within blockchain ecosystems. Built on Solana, RetardedAPR combines speed, efficiency, and sustainability to deliver a cutting-edge decentralized finance protocol.

This system pays homage to its predecessors, such as OlympusDAO (OHM), which pioneered new approaches to token bonding and decentralized reserve currency mechanisms. RetardedAPR builds upon these innovations, refining them into a self-sustaining model designed for scalability and long-term viability.

What is RetardedAPR?

RetardedAPR is a unique mechanism designed to gamify and stabilize Annual Percentage Rates (APRs) in DeFi platforms. Unlike conventional APR systems that aim for static or predictably compounding growth, RetardedAPR introduces dynamic adjustments that gradually decelerate reward growth over time.

The term “retarded” in this context refers to slowing down—a deliberate mechanism aimed at maintaining sustainability, reducing inflationary tokenomics, and encouraging long-term participation. It is not a Ponzi scheme but rather a Monetary Belief System, often referred to by the Retard Global community as “The Infinite Money Glitch”—a model with the potential to evolve into a billion-dollar wealth-generation protocol.

Advantages of RetardedAPR

1. **Sustainable Yield Generation:** By leveraging multiple revenue streams, RetardedAPR minimizes inflation risks and ensures sustainable rewards.
2. **Scarcity and Value through Tickets:** Limited ticket availability creates scarcity and enhances value, while their redemption cycle adds a dynamic layer to the ecosystem.

3. **Encourages Early Adoption:** Early adopters benefit from higher initial rewards, incentivizing liquidity and participation.
4. **Transparency and Fairness:** The mathematical model and blockchain-based smart contracts ensure trust and transparency.

Sustainability through the Retard Global Ecosystem

RetardedAPR is part of the broader Retard Global ecosystem, which ensures sustainability through a diverse range of revenue streams:

1. Ticket Sales (Bonds):

- Tickets are scarce and valuable, making them an essential part of the ecosystem.
- 1 TICKET = 1.33 RAPR, and tickets can only be redeemed after a 72-hour lock-up period post-purchase.
- Tickets are limited, and new ones are rarely released. When a ticket is claimed, it is released back into the pool making it available for others to purchase.
- Revenue from ticket sales supports chart buybacks and the treasury.

$$\text{Revenue (T)} = N \cdot P$$

Where:

N : Number of tickets sold,

P : Price per ticket.

2. Liquidity Pool Rewards:

All liquidity pool rewards are directed toward the sustainability of RetardedAPR, supporting payouts and maintaining token value.

Additionally, 7star—the gold standard token within the Retard Global ecosystem—has been designed with exclusivity and utility in mind. Planned staking integration will allow users to stake only whole tokens, referred to as “stars”.

7star shares liquidity pool pairs with RetardedAPR, enabling robust liquidity and ecosystem synergy. Rewards generated from the 7star liquidity pools also contribute to the sustainability of RetardedAPR and the greater Retard Global ecosystem. With a total supply capped at only 777 tokens, 7star embodies scarcity and premium value, reinforcing its pivotal role in the Retard Global ecosystem.

3. Club Retard:

A real-world function space leased out to promoters for raves or used for events hosted by the Retard Global team. Revenue generated contributes directly to ecosystem support.

4. Merchandise Sales:

Revenue generated through branded merchandise sales feeds back into the treasury, providing additional financial backing.

5. Box Office Launchpad:

- Currently in beta, Box Office is a multi-blockchain token launchpad (initially on Solana) with proprietary anti-jeet technology.
- This incentivizes token developers and creators to hold their tokens without selling, eliminating the PvP model.
- A test launch of the AiDS token was conducted to gather data and improve the platform.
- Revenue from Box Office directly deposits into the RetardedAPR treasury.

Treasury and Mint Authority Revocation

Once all revenue streams reach maturity and the treasury accumulates a target of **\$1 million**, the mint authority for the RetardedAPR contract will be permanently revoked.

This critical milestone ensures that no new RetardedAPR tokens will be minted beyond the pre-determined supply, creating a deflationary environment within the ecosystem.

At this stage, the ecosystem will become fully self-sustaining, relying on the treasury and revenue streams to fund token buybacks and stake reward distributions. This strategic approach eliminates the need for inflationary tokenomics, fostering long-term value for token holders and ensuring the protocol's sustainability.

Reward Curve Formula

RetardedAPR uses a dynamic rate mechanism, where higher rates are achievable during weekly Happy Hours. However, over the long term, rates follow a logarithmic decay to ensure emissions control and sustainability. The formula accounts for dynamic variations and is expressed as:

$$\text{APR}(t) = \frac{R_0}{1 + k \cdot t} \cdot H$$

Where:

R_0 : Initial reward rate,

k : Decay constant,

t : Time elapsed,

H : Dynamic rate multiplier (higher during Happy Hours).

Dynamic Daily Yield (DPY)

- APR is adjusted to DPY, with the rate determined dynamically by the rate bot COMPUTRON.
- COMPUTRON uses an RNG mechanism to set new rates consistently throughout the day, keeping the yield dynamic and engaging.
- The highest rates are achieved during weekly Happy Hours, hosted on X Spaces, incentivizing participation during these events.

The DPY formula is defined as:

$$\text{DPY}(t) = \frac{\text{APR}(t)}{365}$$

Where:

$\text{DPY}(t)$: Dynamic Daily Yield,

$\text{APR}(t)$: Annual Percentage Rate at time t .

Staking Flexibility and Reward Mechanics

RetardedAPR offers unparalleled flexibility for stakers:

- **Rewards Accumulate Every Second:** Stake rewards are calculated and credited every second, providing real-time incentives for participation.
- **No Lock-In Periods:** Users can stake or unstake their tokens at any time without restrictions, ensuring complete liquidity and freedom of movement.
- This flexibility empowers users to manage their participation effectively while ensuring the protocol remains accessible to a diverse range of stakeholders.

Compounding Rewards

Compounding is a powerful mechanism within RetardedAPR, allowing users to reinvest their earned rewards to exponentially grow their holdings over time. The compounding process is mathematically defined as:

$$C = P \cdot (1 + r)^n$$

Where:

- C : Final compounded amount,
- P : Principal amount staked,
- r : Daily yield rate (DPY),
- n : Number of compounding periods.

Key considerations for compounding:

- To compound rewards, users must unstake their current balance, claim rewards, and then restake the full amount.
- When unstaking, users lose the rate they were locked in at and must catch a new rate upon restaking.
- Compounding is most beneficial during Happy Hours, as it secures the highest potential rates.
- Allowing sufficient rewards to accumulate before compounding is key as the goal of compounding is to secure higher staking rewards at the newly offered rate, making the effort of having to unstake, forfeit the previous rate, and then restaking at the updated rate worthwhile.
- Compounding works best as a long-term strategy, where small, consistent growth compounds into significant gains over time.

Exclusive Perks for RetardedAPR Holders

RetardedAPR holders gain access to a range of exclusive benefits and opportunities that enhance their participation within the ecosystem:

1. **Access to In-Person Events:** RetardedAPR holders enjoy special access to premier events held at Club Retard, a real-world function space renowned for hosting raves, social gatherings, and curated experiences.
2. **Exclusive Project Offerings:** RetardedAPR holders are frequently prioritized for exclusive opportunities, such as the highly sought-after Special Money Friends NFT project. This project was exclusively whitelisted for RetardedAPR holders, making these NFTs rare and desirable assets.

3. **Future Perks and Benefits:** As the Retard Global ecosystem expands, more exclusive perks will reward the loyalty and commitment of RetardedAPR holders.

By offering such high-value and exclusive opportunities, RetardedAPR not only enhances the utility of the token but also fosters a strong and engaged community, setting itself apart in the decentralized finance space.

Future Developments

The Retard Global team is committed to evolving the ecosystem. This includes:

- Expanding Box Office to additional blockchains.
- Refining the proprietary anti-jet technology based on data from test launches.
- Ensuring that revenue streams reach maturity and stability to fully fund the treasury.

Once fully operational, the ecosystem's self-sustaining model will set a new standard for DeFi yield mechanisms.

Footnotes

Websites:

- Retard Global: <https://retard.global>
- RetardedAPR: <https://retardedapr.com>
- 7star: <https://7star.gold/>
- AiDS: <https://aids.monster/>
- Box Office: <https://boxoffice.meme>

Communication Channels:

- RetardedAPR Telegram: <https://t.me/retardglobalhq>
- RetardedAPR X: @RetardedAPR
- Retard Global X: @retardglobal
- AiDS bot X: @AidsB1351

Disclaimer

This document is for informational purposes only. The RetardedAPR mechanism and related technologies are subject to further testing and refinement. Participants should conduct their own research and assess risks before engaging in DeFi activities.