PROPOSAL NAME:

ApeBlendr - No-loss savings game built on top of ApeCoin and ApeCoin Staking

PROPOSAL CATEGORY:

Ecosystem Fund Allocation

TEAM DESCRIPTION:

ApeBlendr

will be built by [0xFusion](#) ([@0xFusionHQ](#)), a Web3 Product Studio with a focus on building innovative Web3 products and DApps for various communities and protocols.

- Stan Trenev ([@sstrenev](#)), Product and Technology. Founder & Lead Engineer of 0xFusion (Web3 Product Studio). Previous experience includes working with Return Finance, Kallis, Sugarverse, and Ledger.

- FE Developer from 0xFusion's network

- UI/UX Designer from 0xFusion's network

- External Security Audit Company/Solo Auditor (TBD)

ABSTRACT:

ApeBlendr

was born at the ETHOnline 2023

hackathon as a project designed to engage ApeCoin

holders and gamify ApeCoin's

current staking program.

In short, ApeBlendr

is a no-loss savings game, where users who hold $APE

can deposit their funds to the ApeBlendr

and earn periodic prizes without losing their principal.

The prizes are awarded from the accrued rewards from ApeCoin Staking

for the respective period.

We plan to utilize the ApeCoin-only staking pool and potentially utilize the BAYC/MAYC/BAKC ones in the future in case the ApeCoin-only pool is removed after a DAO vote.

Important considerations

- Users who stake in the ApeBlendr

will be able to use their voting power in the ApeCoin DAO

.

- There will be a parameter to control the maximum deposit for a user in the ApeBlendr

.

- A small admin fee will be charged on every award - for maintenance costs, Chainlink

services, and infrastructure.

- The smart contract is permissionless and anybody who holds $APE can participate. The only power the admin has is updating the admin fee on rewards, whereas the max fee will be capped at 10%. The admin will not have any access to move or spend the user's $APE.

- Awards will be distributed to 3 random winners (50% / 30% / 20% ratio) every week.

You can check the deployed dApp on Vercel

here: https://apeblendr.com

You can check the ApeBlendr

smart contract deployed on Ethereum Goerli

here: https://goerli.etherscan.io/address/0x7a0b69ca7d448266e1b53d26a4b532bd300390a7

Screenshots

[

Screenshot 2023-10-19 at 1.12.06

3354×1930 391 KB

](https://global.discourse-cdn.com/apecoin/original/2X/b/b9dea6d8c8ceaf42ce33de9babd5304c1def1044.png)

[

Screenshot 2023-10-18 at 13.01.27

3354×1930 450 KB

](https://global.discourse-cdn.com/apecoin/original/2X/a/ab7c3af7ccaee72b8b4f6983e99020c5a920b8e7.png)

[

Screenshot 2023-10-19 at 1.44.10

3354×1930 427 KB

](https://global.discourse-cdn.com/apecoin/original/2X/b/be0680028706ff2a59de2b97913bf808e7cf3dba.png)

BENEFIT TO APECOIN ECOSYSTEM:

- Onboard new $APE holders to the ApeCoin

ecosystem.

- Incentivize existing $APE holders to save and hold their $APE, with a chance of winning asymmetric prizes.
- Provide additional utility for $APE holders and a fun way to enter the ApeCoin

ecosystem.

- Reduce sell pressure on ApeCoin

by incentivizing players to hold and save their $APE through the ApeBlendr

.

KEY TERMS:

No-loss game:

The no-loss concept refers to games where players use their principal (in a specific coin) to earn prizes without ever losing the amount they entered with.

Chainlink VRF:

Chainlink's Verified Random Function. Used for obtaining verified random numbers in blockchain applications and smart contracts.

The Graph:

A decentralized indexing system that allows users to query data from blockchain networks.

PLATFORMS & TECHNOLOGIES:

ApeBlendr

will consist of the following building blocks:

- Smart contracts integrated with ApeCoin

and ApeCoin Staking

.

- Subgraph

for indexing blockchain events emitted from the ApeBlendr

contract and serving as a backend service.

- Frontend built with React

and Next.js

and deployed on Vercel

.

- Chainlink VRF

service for random number generation, used for prize draws.

- Chainlink Upkeep

to perform prize draws when the prize period has ended.

STEPS TO IMPLEMENT & TIMELINE:

ApeBlendr

is a project created for ETHOnline 2023

, and the smart contracts are already developed and deployed on Ethereum Goerli. However, to be production-ready, the project needs to meet the following requirements:

- Polish the smart contracts and write 100% test coverage.
- Go through a security audit from a reputable company and/or solo auditor
- Create a professional-looking design in line with the ApeCoin DAO

branding guidelines.

- Implement the UI design in the frontend React DApp.
- Perform full testing of the developed solution.

The implementation timeline is expected to be between 30-45 days.

OVERALL COST:

The total cost of implementing the proposal is estimated as follows:

- UI/UX Design: ~ $10,000
- Development/Implementation/Testing: ~ $10,000
- Security Audit: ~ $30,000

Total:

$50,000 paid in $APE

.