Penguin Finance (PNNG)

BEP-20 Audit

Performed at block 5921926

PERFORMED BY DESSERTSWAP FOR RED ROOM AMA

RED ROOM

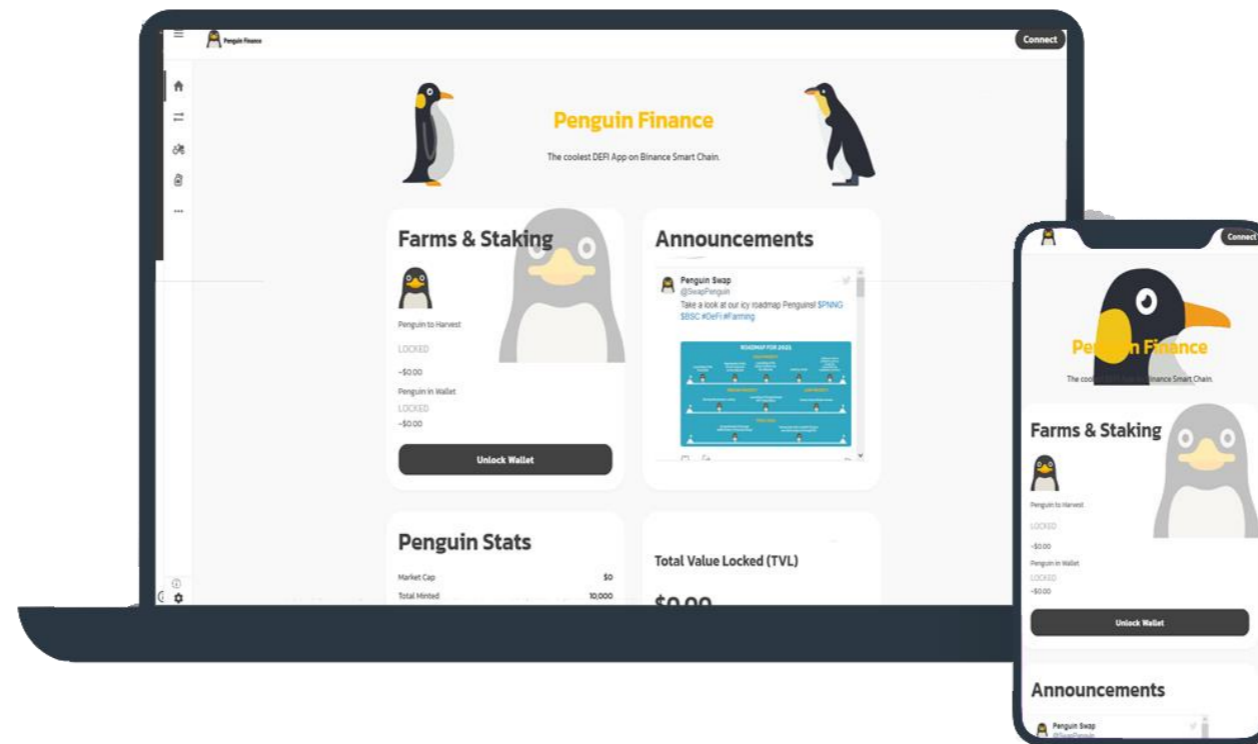# Table of Contents

Website Part 1 – Penguin Finance
www.penguinswap.net

Website Preview & Mobile Test

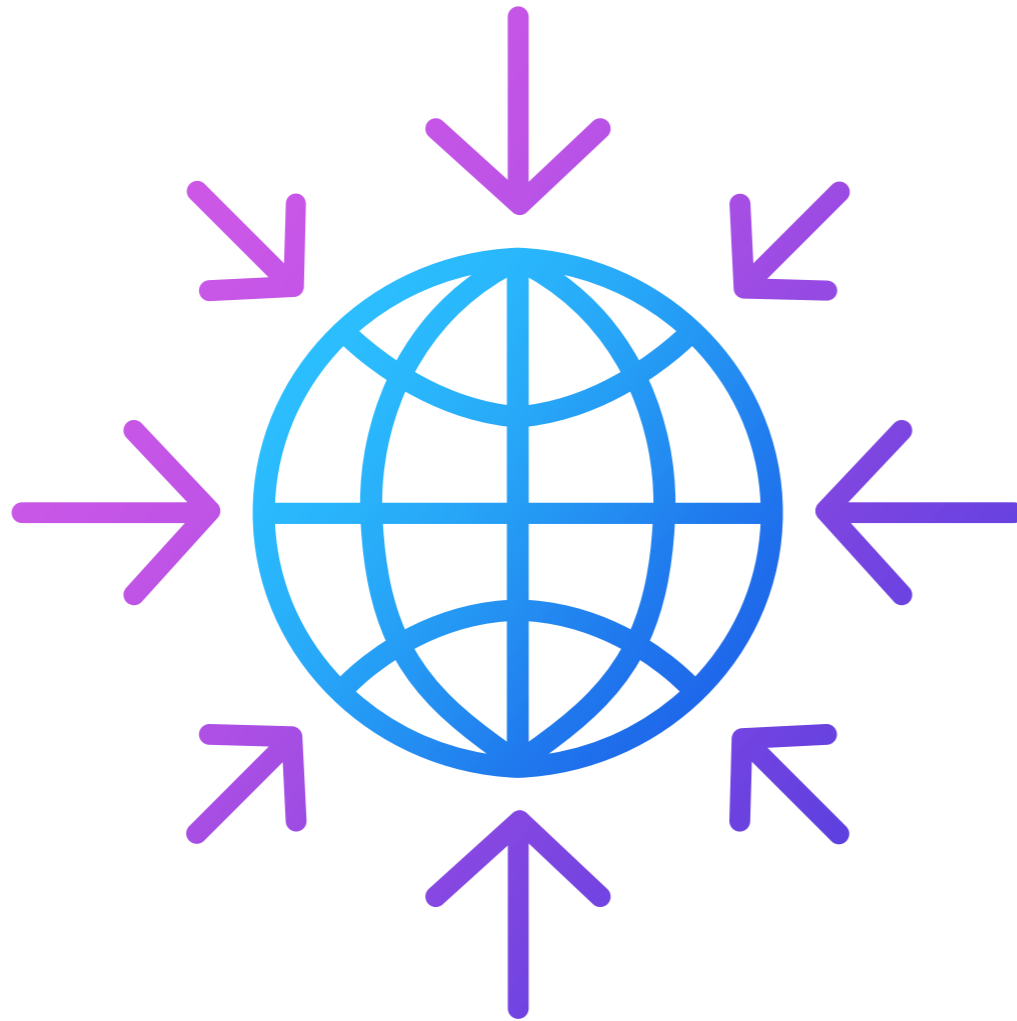Above images are actual snapshots of the current live website of the project.

Website was registered on 03/20/2021, registration expires 03/20/2022.
This is a red flag. We like to see registrations of 3 years minimum for new projects.

We hope to see this addressed by the time the project launches.

Website Part 2 – Checklist
www.penguinswap.net

✓ **Responsive**

✓ **No JavaScript Errors**

✓ **Spell Check**

✓ **SSL Certificate**

The website contained no JavaScript errors, typos, or grammatical errors and we found a valid SSL certificate allowing for access via https. We found a minor issue on the mobile website where the text in the header is unreadable.

Website Part 3 – Responsive HTML5 & CSS3
www.penguinswap.net

A minor issue was found where the header text becomes difficult to read on mobile, otherwise we are happy with the time that went into mobile development.

Console check for any severe JavaScript errors came back clean. No issues with loading elements, code, or stylesheets.

We would like to see this one issue fixed for the next audit.
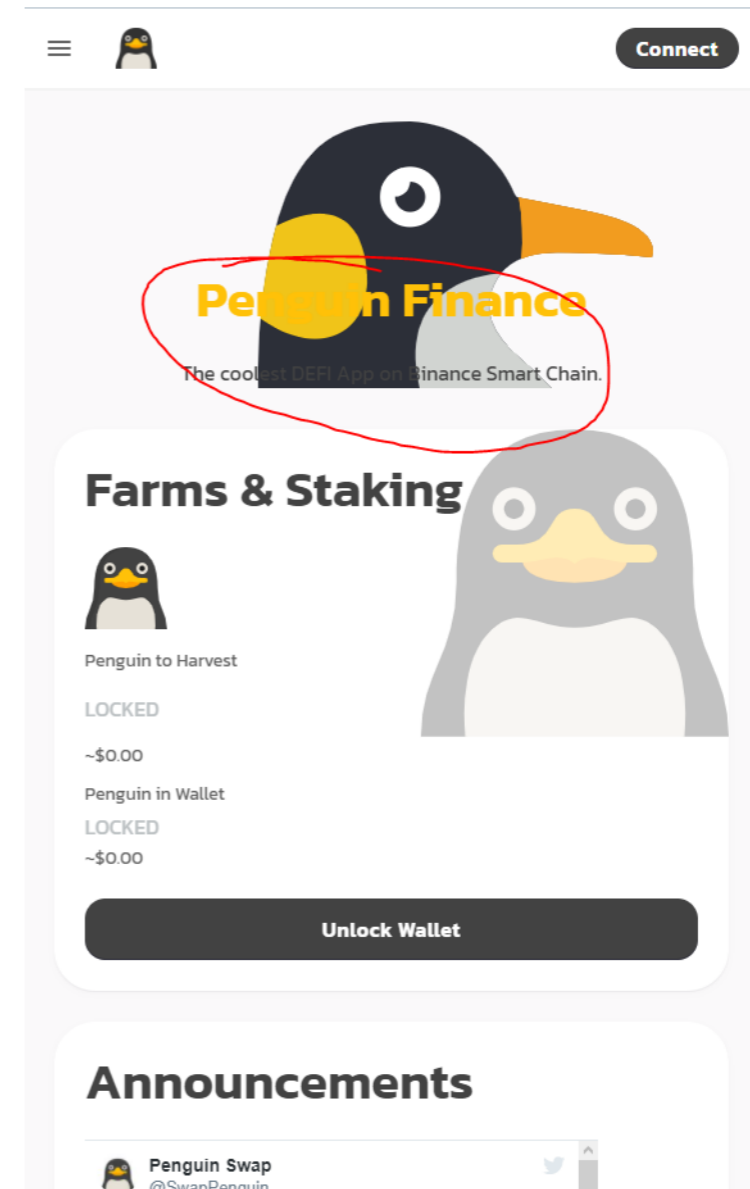
Website Part 4 (GWS) – General Web Security

SSL CERTIFICATE

A valid SSL certificate was found. Details are as follows:

Offered to: penguinswap.net

Issued by: GTS CA 1D2

Valid Until: 06/19/2021

✓

CONTACT EMAIL

A valid contact email was not found on the official website. Contact email is listed as shown below:

Contact

NOT FOUND

✗

SPAM / MALWARE / POPUPS

No malware found

No injected spam found

No internal server errors

No popups found

Domain is marked clean by Google, McAfee, Sucuri Labs, & ESET

✓

Note: The domain appears to be covered by a Multi-Domain SSL certificate that may show a different website upon inspecting in the address bar.

BEP-20 Contract Audit – Penguin Swap Common Vulnerabilities

✓ **Integer Underflow**

✓ **Integer Overflow**

✓ **Callstack Depth Attack**

✓ **Timestamp Dependency**

✓ **Parity Multisig Bug**

✓ **Transaction-Ordering Dependency**

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

Common vulnerabilities were not found in the Penguin Finance Smart Contract as shown above.

A valid GitBook was found for Penguin Finance. The GitBook page provides overview of the project and its functions. The GitBook can be viewed here.

BEP-20 Contract Audit – Final Thoughts

We have completed an audit of all the contracts in the deployed code. No common vulnerabilities were found as outlined in the previous pages.

Important Notes

The contract code is published and verified on BSCScan. It is important to note that the project appears to be a fork of Goose Finance.

The burn transaction fees are clearly laid out on the GitBook which is linked directly from the Penguin Finance website.

The contract code has been completed and verified on BSCscan.com

BEP-20 CONTRACT FINAL THOUGHTS

Social Media

Penguin Finance two social media network accounts available and a GitBook page. The twitter on the website links to Goose Finance's twitter at the time of the audit.

@SwapPenguin

@swappenguin

@PenguinFinance

Social Media – Final Thoughts & Suggestions for Improvement

Upon final review of the social media channels provided, we found an active team on Telegram and an active twitter account, although the twitter account on the homepage linked to the wrong account.

Suggestions for Improvement

1. Incorrect Twitter Link. At this time we would like to see an updated twitter link on the Penguin Finance homepage by the time the project launches.

2. Consider adding an official Penguin Finance Facebook page.

3. Consider adding an official contact email on all social media channels.

Token Distribution

We were unable to identify token allocation as there was no allocation document published. It is important to note that 9.09% of emissions will be sent to the developer's address.

Emission Rate and Burn information was presented on the GitBook and is shown below:

Emission Rate:

1 PNNG/block

28,800 PNNG/day

9.09% will be sent to the developer's address for further partnership & developer funds.

Deflationary Mechanics:

- Farms & pools will get corresponding PNNG depending on the multiplier shown on the top left corner.

Burn:

- 75% of the 4% burn will be used to purchase **PNGG.**
- 25% of the 4% burn will be sent to the developer's address as payouts.
- The token collected from the burn will be used to purchase **PNGG**.

Initial minted PNNG: 10,000 to this admin address to provide initial liquidity. All PNNGs have already been burnt. The Deposit fee is stored in this same address

Note: we were unable to verify accurate allocations on the website at this time

as there is no distribution published.

Top Token Holders

0x894...: 100.0%
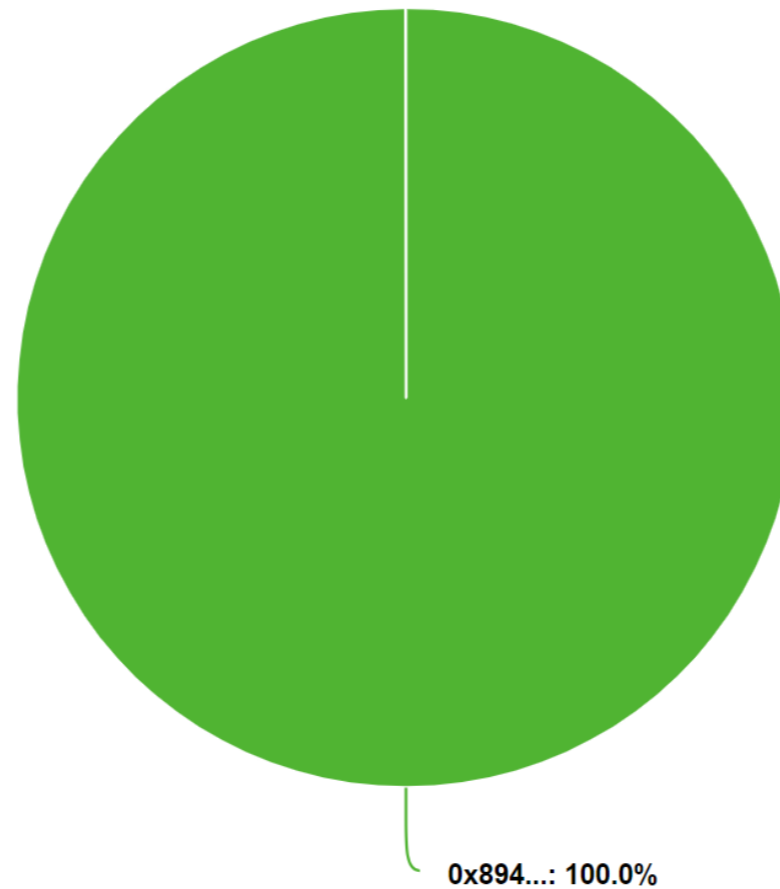
At the time of audit, there was one token holder with the entire supply of 10,000 tokens. As the project is in its early stages, this is expected.

Location Audit

The project location could not be identified at this time based on the information provided on the website or social media channels.

Team Overview
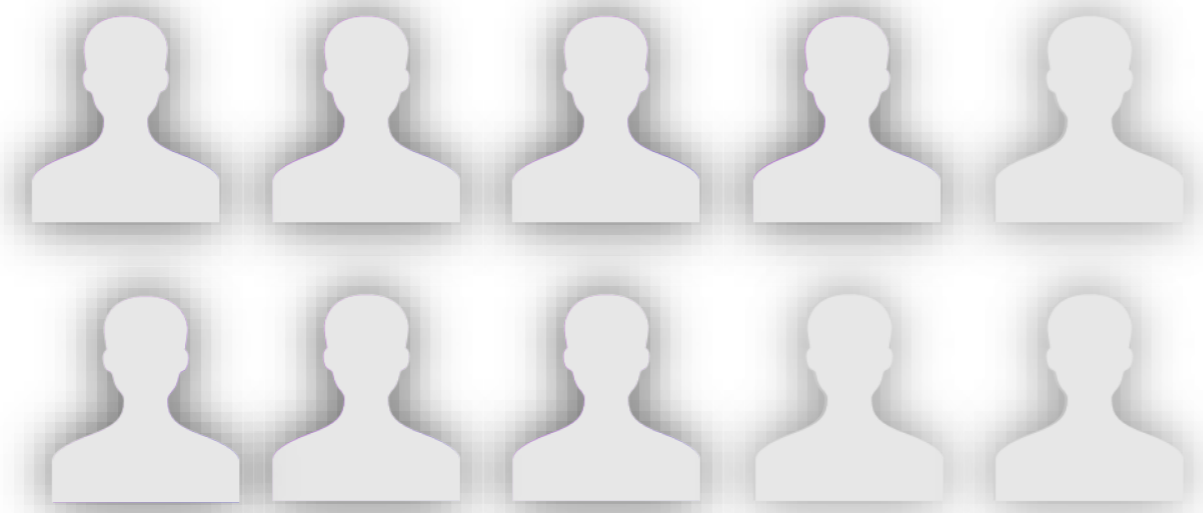
An overview of the team is not listed at this time.

Potential Signs of Risk

1

TEAM IS ANONYMOUS

2

INCORRECT SOCIAL LINKS

3

10% OF EMISSIONS GO TO DEVELOPER

4

LACK OF CLARITY IN DISTRIBUTION

5

SIMILAR PROJECT EXISTS WITH THE SAME NAME

The above listed are the top 5 risk indicators of the project. These are by no means assigning the project as a risky project. Every project will have the top 6 risk indicators posted. It is crucial to note that some may be more important than others.

Potential Signs of Confidence

1

PROJECT IS RECEPTIVE TO CRITICISM

2

TELEGRAM APPEARS ACTIVE

3

GITBOOK CONTAINS DETAILS ABOUT PROJECT

4

BURN FEES AND EMISSIONS TO ADMIN ARE TRANSPARENT

5

SSL CERTIFICATE WAS FOUND AND VALID

6

CONTRACT CODE IS VERIFIED AND PUBLISHED

The above listed are the top 6 confidence indicators of the project. These are by no means assigning the project as a confident project. Every project will have the top 6 confidence indicators posted. It is crucial to note that some may be more important than others.

Roadmap

A project roadmap was found and has been provided for your convenience on this page. We are happy to see that the project aims to have a more in-depth smart contract audit done by Certik in early stages of development.

ROADMAP FOR 2021

HIGH PRIORITY

Launching of the Front End

Deployment of the Smart Contracts on the Mainnet

Launching of the Smart Contract on the Mainnet

Audit by Certik

Listing on various platforms such as: Coingecko, Coinmarketcap, DappRadar and more

MEDIUM PRIORITY

Burning Mechanism: Lottery

Launching of PenguinSwap's NFT Collectibles

LOW PRIORITY

Various Social Media Contest

FINAL GOAL

PenguinSwap's Exchange (AMM similar to Pancake Swap)

Partnership with CrudeOil Finance and other projects through IFO

NOT SCORED

We are unable to assign a risk score to this BSC token. Risk scores are not provided for projects with anonymous teams at this time.

Results of this audit will be forwarded to developer with recommendations that will allow us to properly score the projects risk profile.

Disclaimer

The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding BSC projects. This audit is only applied to the type of auditing specified in this report and the scope of given in the results. Other unknown security vulnerabilities are beyond responsibility. Dessertswap only issues this report based on the attacks or vulnerabilities that already existed or occurred before the issuance of this report. For the emergence of new attacks or vulnerabilities that exist or occur in the future, Dessertswap lacks the capability to judge its possible impact on the security status of smart contracts, thus taking no responsibility for them. The smart contract analysis and other contents of this report are based solely on the documents and materials that the contract provider has provided to Dessertswap or was publicly available before the issuance of this report (issuance of report recorded via block number on cover page), if the documents and materials provided by the contract provider are missing, tampered, deleted, concealed or reflected in a situation that is inconsistent with the actual situation, or if the documents and materials provided are changed after the issuance of this report, Dessertswap assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessertswap still has the possibility that the entire risk cannot be completely detected. Dessertswap disclaims any liability for the resulting losses.

Dessertswap provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Even projects with a low risk score have been known to pull liquidity, sell all team tokens, or exit-scam. Please exercise caution when dealing with any cryptocurrency related platforms.

The final interpretation of this statement belongs to DessertSwap.

DessertSwap highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.

Thank You

DESSERTSWAP PROJECT AUDIT. HAS BEEN COMPLETED FOR PENGUIN FINANCE (PNNG). 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: 5921926

WWW.DESSERTSWAP.FINANCE