



Pig Farmer (PIGS)

BEP-20 Audit

Performed at block 5912945

PERFORMED BY DESSERTSWAP FOR RED ROOM AMA



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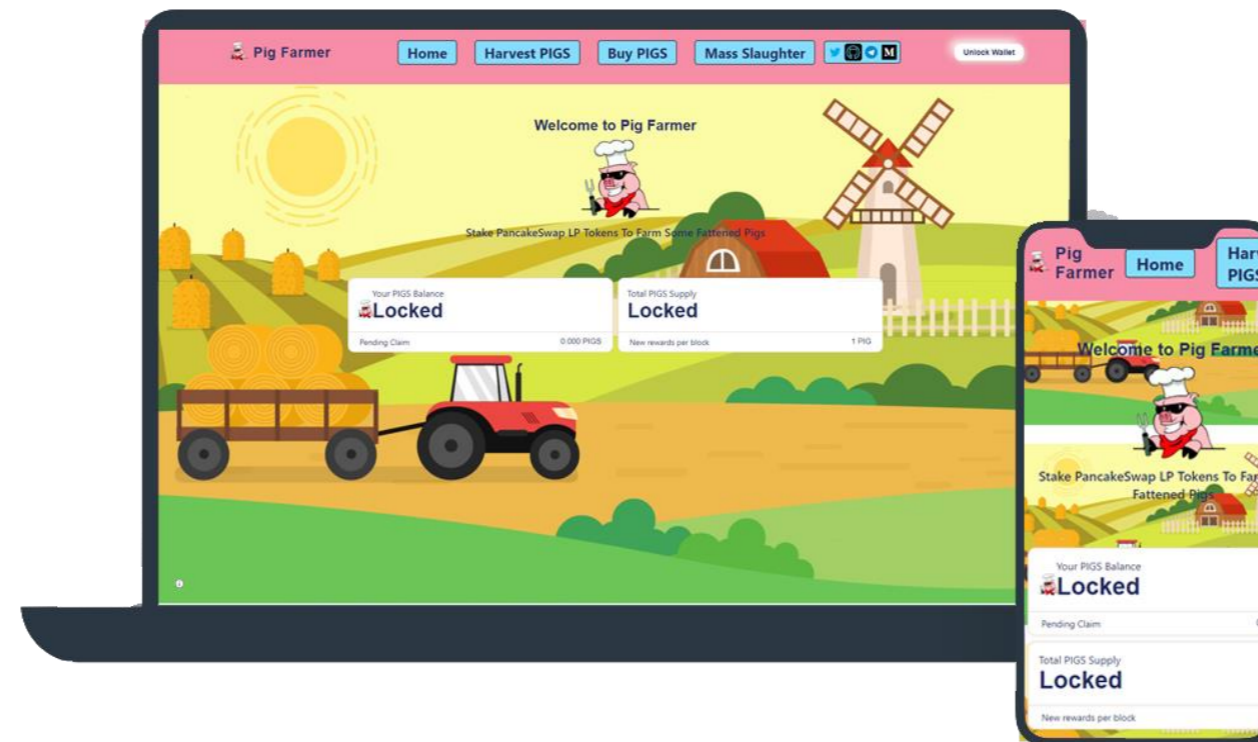


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Website Part 1 – Pig Farmer

www.pigfarmer.finance

Website Preview & Mobile Test



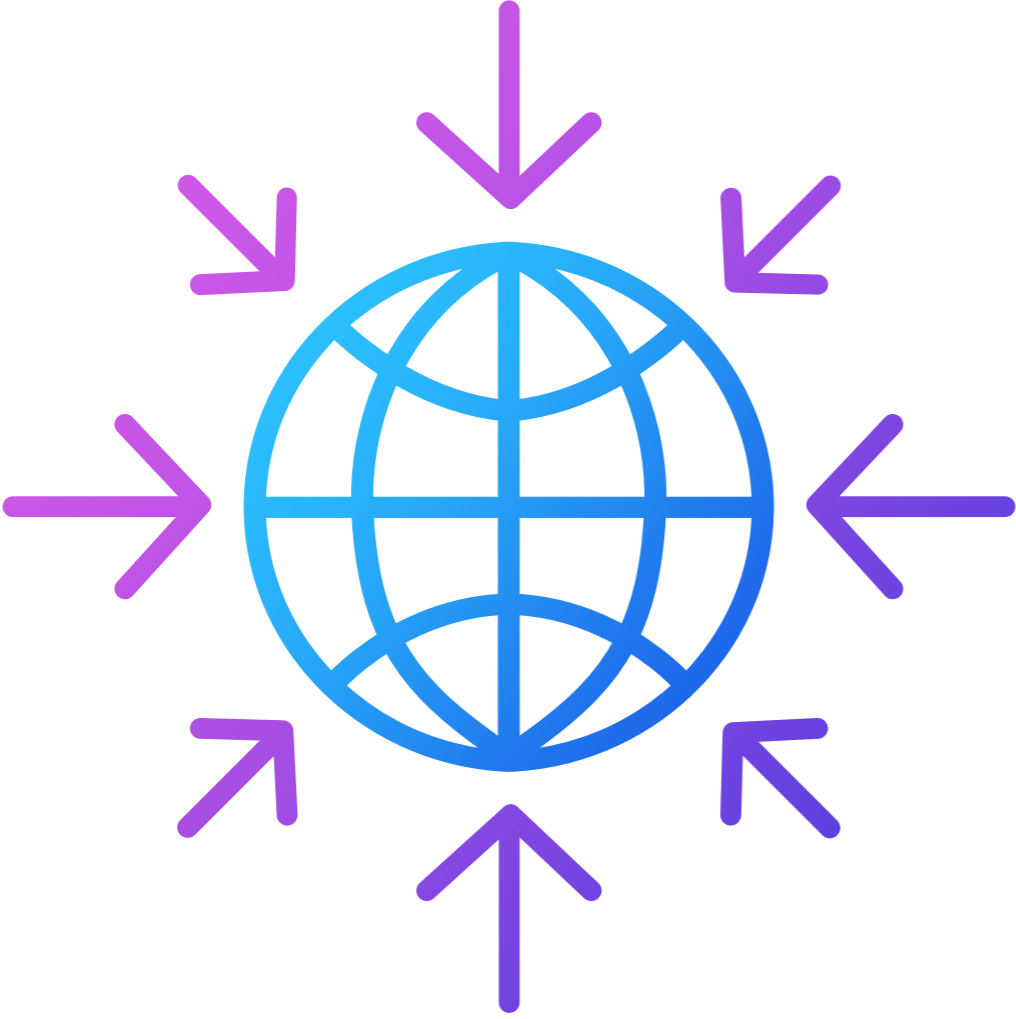
Above images are actual snapshots of the current live website of the project.

Website was registered on 03/06/2021, registration expires 03/06/2024 which is the minimum preferred registration length.



Website Part 2 – Checklist

www.pigfarmer.finance



- X** 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. While the website experienced a few issues on the responsive test, the platform was designed for use on desktops with wallet extensions so this is something to note.

Website Part 3 – Responsive HTML5 & CSS3

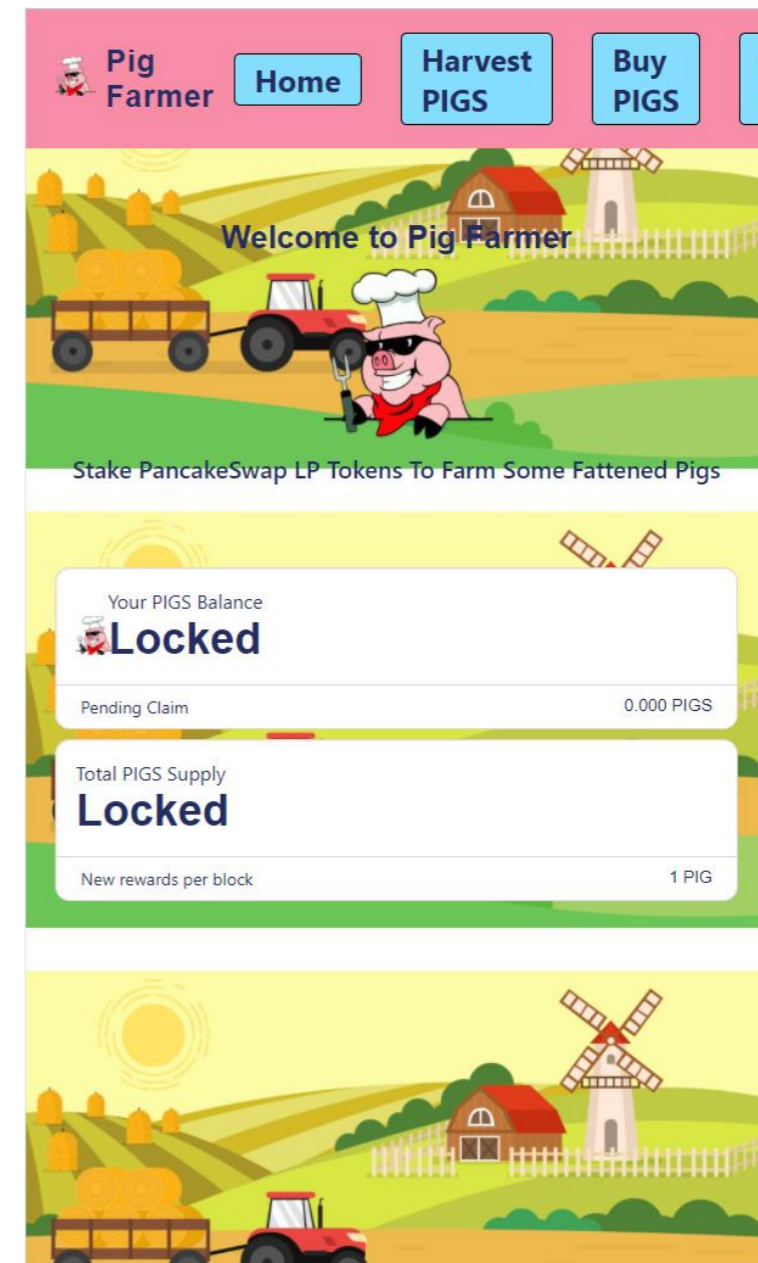
www.pigfarmer.finance

A few broken elements were found on the website during browser resize.

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

Resizing the website resulted in buttons disappearing off the document, and a vertically repeating background.

We would like to see these two issues fixed for the revised audit



Website Part 4 (GWS) – General Web Security



SSL CERTIFICATE

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

Offered to: pigfarmer.finance

Issued by: Sectigo RSA
Domain Validation Secure
Server CA

Valid Until: 3/06/2022

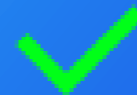


CONTACT EMAIL

A valid contact email was found on the official Pig Farmer website. Contact email is listed as shown below:

Contact

pigfarmer@pigfarmer.finance



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



BEP-20 Contract Audit – Pig Farmer

```
// PigToken with Governance.
contract PigToken is BEP20("Pig Farmer", "PIGS") {
    // @notice creates '_amount' token to 'address'. Must only be called by the owner (PigsToken).
    address[] internal tokenAddressList; //List of current and previous address holders
    mapping(address => bool) internal tokenAddressExists; //Allows to check whether the wallet has been created in the array or holders or not.

    uint256 public slaughterDivide = 1;
    uint256 public transBurnrate = 20;
    uint256 public maxtransBurnrate = 10;
    uint256 public required_pigs_to_slaughter = 10;
    address private _pancontractAddr;
    address private _pigletcontractAddr;
    address private _cakecontractAddr;
    address private _usdccontractAddr;
    address private _bakecontractAddr;
    address private _dotcontractAddr;
    address private _sushicontractAddr;
    address private _dittocontractAddr;
    address private _busdcontractAddr;
    address private _floatingcontractAddr;
    address private _floating2contractAddr;
    address private _kCADr;
    address private _DevAddr;
    uint256 slaughter_hold_ends = 1647688871;
    uint256 public slaughter_hold_period = 1;

    modifier allowCall {
        require( slaughter_hold_ends < now, "There is currently a hold on slaughter. Further information as events warrant" );
        if( last_call > 0 ){
            require(now > (last_call.add(slaughter_hold_period * 1 hours)), "Time period has not expired." );
        }
        require( balanceOf(msg.sender) > required_pigs_to_slaughter, "You must own at least 10 PIGS to call this function" );
    }

    function mint(address _to, uint256 _amount) external onlyOwner {
        _mint(_to, _amount);
        if ( tokenAddressExists[_to] ) {
            tokenAddressList.push(_to);
            tokenAddressExists[_to] = true;
        }
        _moveDelegates(address(0), _delegates[_to], _amount);
    }

    mapping (address => address) internal _delegates;

    struct Checkpoint {
        uint32 fromBlock;
        uint256 votes;
    }

    mapping (address => mapping (uint32 => Checkpoint)) public checkpoints;

    mapping (address => uint32) public numCheckpoints;

    bytes32 public constant DOMAIN_TYPEHASH = keccak256("EIP712Domain(string name,uint256 chainId,address verifyingContract)");

    bytes32 public constant DELEGATION_TYPEHASH = keccak256("Delegation(address delegatee,uint256 nonce,uint256 expiry)");

    mapping (address => uint) public nonces;

    event DelegateChanged(address indexed delegator, address indexed fromDelegate, address indexed toDelegate);

    event DelegateVotesChanged(address indexed delegate, uint previousBalance, uint newBalance);

    function delegates(address delegator)
        external
        view
        returns (address)
    {
        return _delegates[delegator];
    }

    function delegate(address delegatee) external {
        return _delegate(msg.sender, delegatee);
    }
}
```



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 Pig Farmer Smart Contract.

BEP-20 Contract Audit – Pig Farmer GitHub



- ✓ Joined March 2021
- ✓ Latest Commit – 3 days ago
- ✓ Contract Code Found
- ✗ UI Repository is empty

A valid GitHub repository was found for the Pig Farmer project. We have successfully located the Contract code, however the UI repository was empty at the block number mentioned on the cover of this report.

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

- 1) Contract owner has ability to mint tokens
- 2) Initial burn rate of ALL transfers is set to 5%
- 3) Contracts include a slaughter function that burns a set number of tokens from EVERY wallet which may be called at set time intervals. While this can be seen as a risk, it is also what makes the project unique. We feel that this is important enough to state in the audit to make sure users are aware of this function.

More details about the slaughter function and the project can be found [here](#).

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

Social Media



Pig Farmer has four social media platforms. All four have been verified and links are shown below and validated on their homepage.



[@PigFarmerCrypto](#)



[@PigFarmerToken](#)



[GitHub](#)



[@Pigfarmer](#)

Social Media



Twitter profile created March 2021.
Twitter appears to be active regularly.



Telegram has 300+ members at time of audit.
Admins appear to be active on telegram.



Project is active on Medium with recent posts.

Facebook / Instagram

Currently there are no Facebook or Instagram accounts for this BSC project



Social Media – Suggestions for Improvement

1. Verbiage on Medium – we would like to see less use of the word “shilling” as it is generally seen as unprofessional coming from an official team page.
2. Consider adding an official Pig Farmer Facebook page.
3. Consider adding an official contact email on all social media channels.

Overall, there seems to be regular and consistent presence on social media, as should be expected from a project. Team seems to be very responsive with answering questions promptly as they are asked on telegram as of the block number indicated on the cover page of this report.

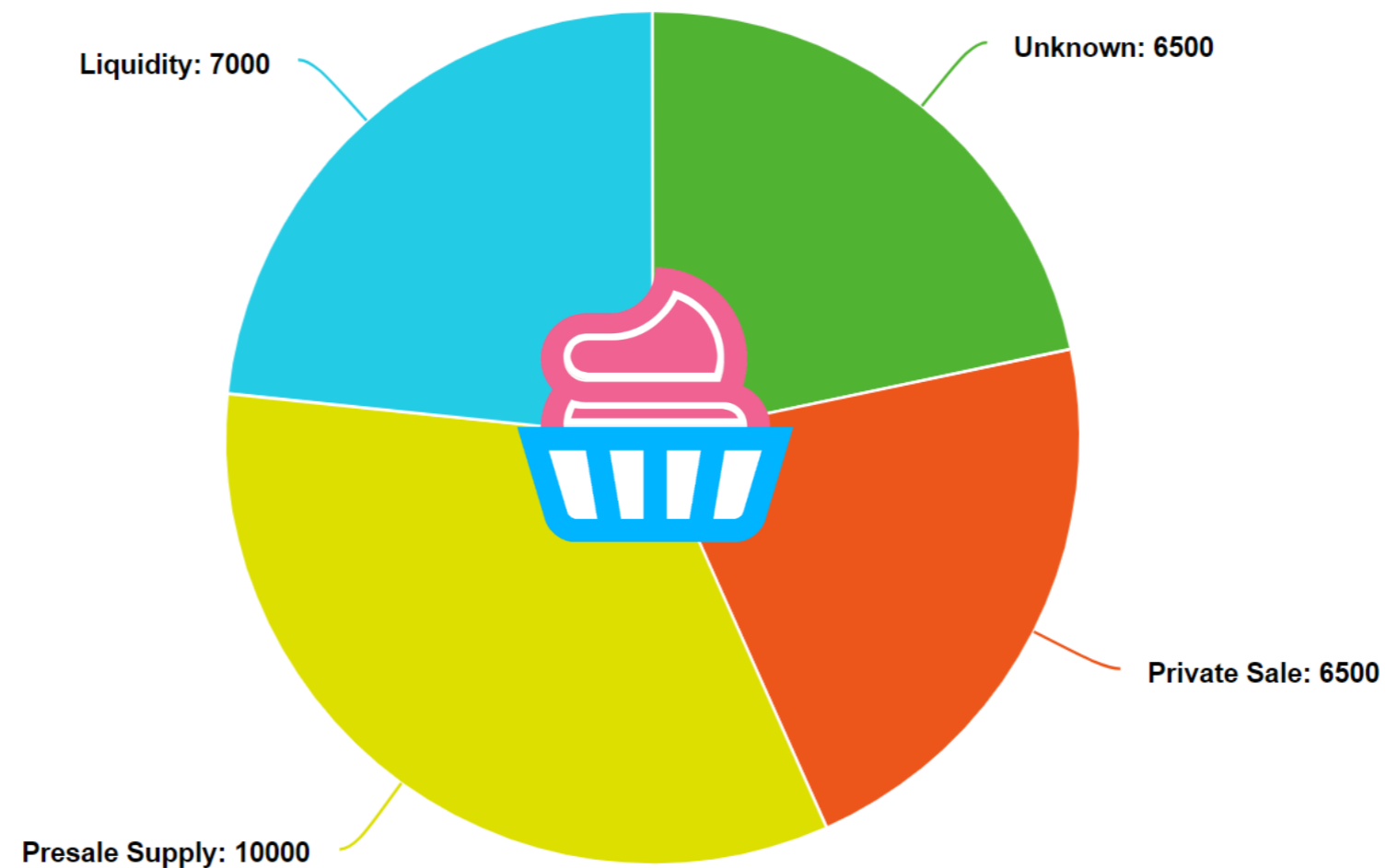


Token Distribution

A token distribution tweet was found [here](#).

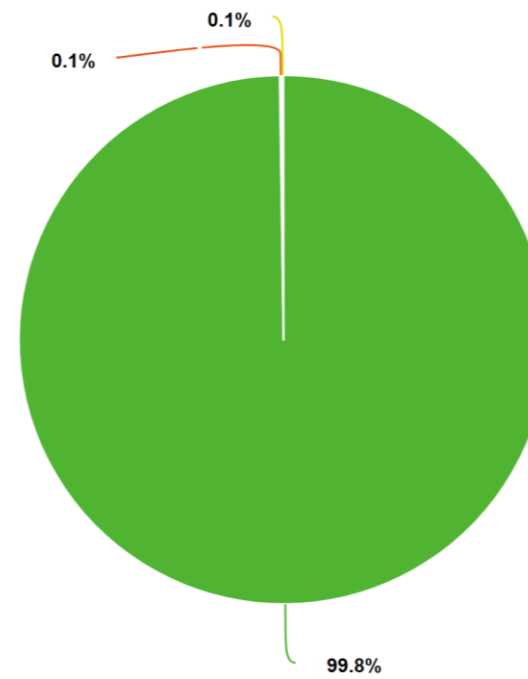
We would like to see this in a location more easily accessible.

Original presale did not go as planned and the project appears to be conducting a 2nd round.



Note: we were unable to verify accurate allocations on the website at this time as there is no distribution published.

Top 3 Token Holders



0XEE482...39

The larger holder of PIGS holds 29,930 tokens at the block number shown on the cover of this report.

0X29136...BC

The 2nd largest holder of PIGS hold 35 tokens at the block number shown on the cover page of this report.

0X3CA72...85

The 3rd largest holder of PIGS hold 35 tokens at the block number shown on the cover page of this report.

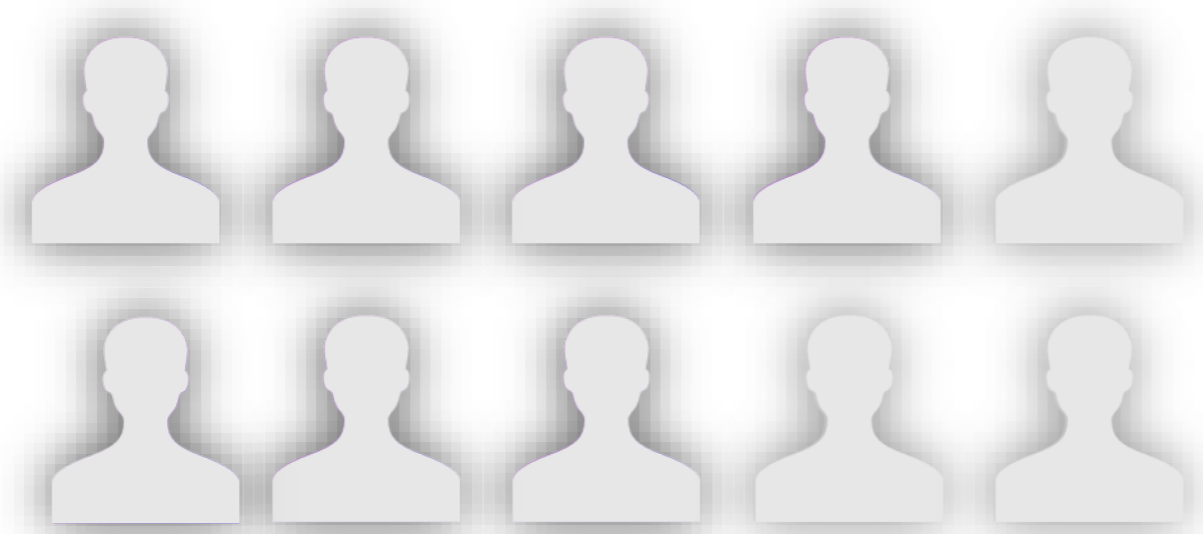
At the block number indicated on the cover page of this report, the main wallet held 29,930 tokens which was the majority of the token supply. The appears to be in pre-sale state so we expect these numbers to change once the pre sale has been completed. Generally we would like the main wallet to hold less than 20% of the total supply at any given time.

Location Audit

Project has stated they are located in Australia on their Medium. Exact location is not verifiable or identifiable at this time based on the information provided on the website and 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

LACK OF PLATFORM
DESCRIPTION/DETAIL

3

SINGLE WALLET HOLDS
MAJORITY OF SUPPLY

4

LACK OF CLARITY IN
DISTRIBUTION

5

WEB DEVELOPMENT FOR
MOBILE DEVICES IS
LACKING

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

MEDIUM IS UPDATED
REGULARLY

4

TWITTER IS UP TO DATE AND
ACTIVE

5

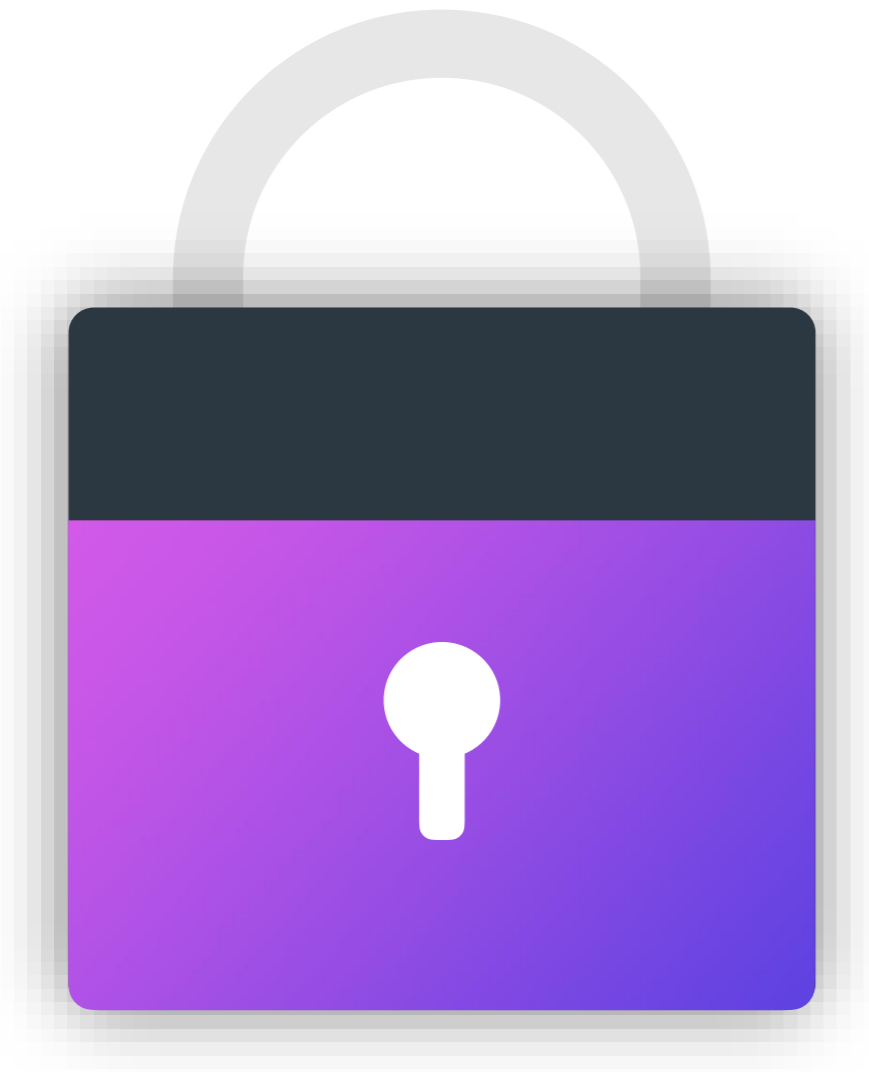
SSL CERTIFICATE WAS
FOUND AND VALID

6

PIG FARMER CONTRACT AND
CODE REPOSITORIES ARE
PUBLISHED ON GITHUB

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.

Overall Risk Score



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 PIG FARMER (PIGS). 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: 5912945