

DESSERT
FINANCE



ELVES (ELVES)

BEP-20 Audit

Performed at block **14280511**

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: **0x9587cec6EDDa767D68bf5ed5A3114e414A9008B0**

INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

Dessert Finance does the legwork and provides public information about the project in an easy-to-understand format for the common person.

Agreeing to an audit in no way guarantees that a team will not remove *all* liquidity (“Rug Pull”), remove liquidity slowly, sell off tokens, quit the project, or completely exit scam. There is also no way to prevent private sale holders from selling off their tokens. It is ultimately your responsibility to read through all documentation, social media posts, and contract code of each individual project to draw your own conclusions and set your own risk tolerance.

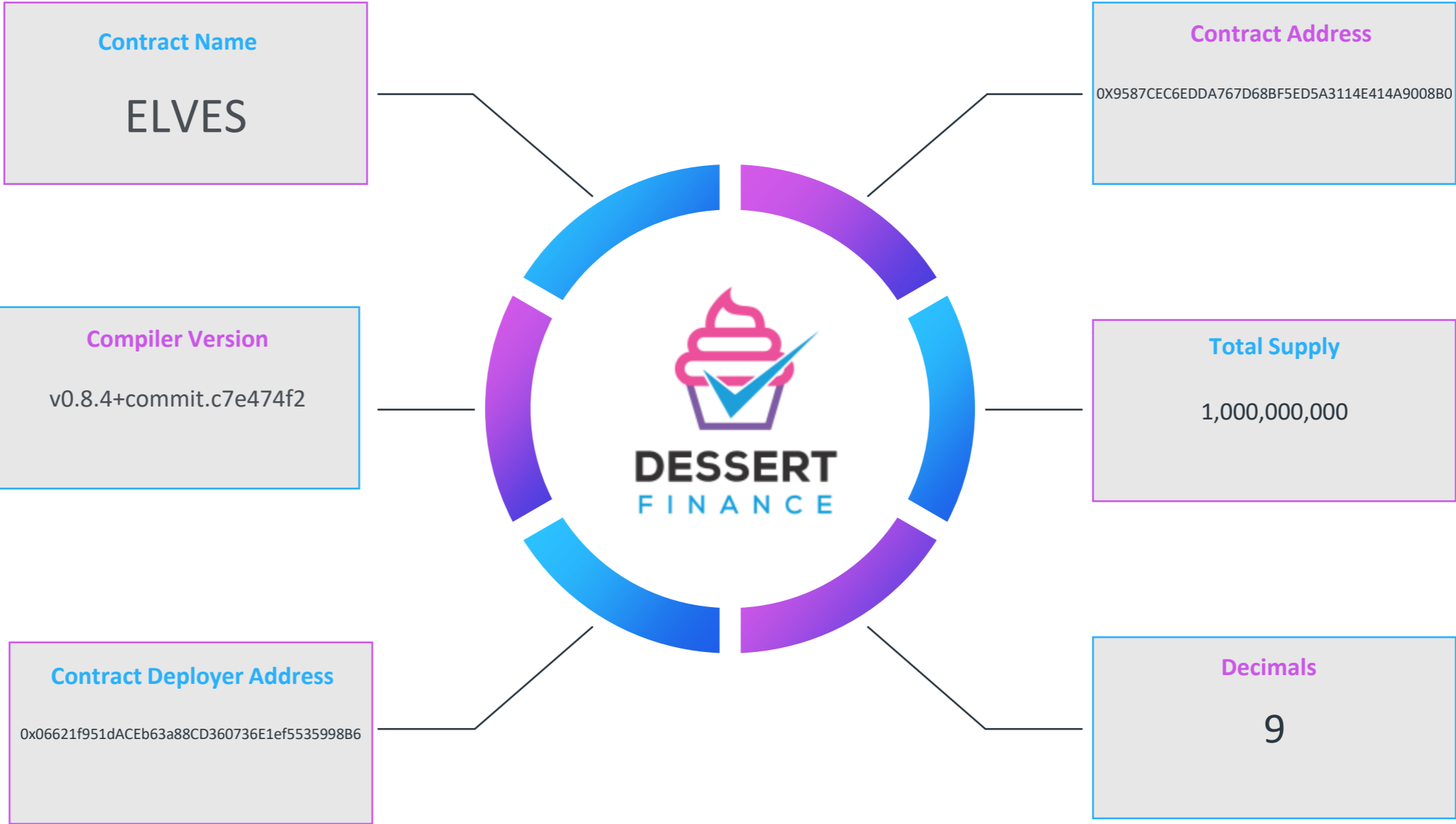
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Contract Code Audit – Token Overview



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on ELVES (ELVES)

```
/*Submitted for verification on BscScan.com on 2022-05-01
*/
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.4;

abstract contract Context {
    function msgSender() internal view virtual returns (address payable) {
        return payable(msg.sender);
    }

    function msgData() internal view virtual returns (bytes memory) {
        return msg.data;
    }
}

interface IERC20 {
    function totalSupply() external view returns (uint256);

    function balanceOf(address account) external view returns (uint256);

    function transfer(address recipient, uint256 amount) external returns (bool);

    function allowance(address owner, address spender) external view returns (uint256);

    function approve(address spender, uint256 amount) external returns (bool);

    function transferFrom(address sender, address recipient, uint256 amount) external returns (bool);

    event Transfer(address indexed from, address indexed to, uint256 value);
    event Approval(address indexed owner, address indexed spender, uint256 value);
}

interface IERC20Metadata is IERC20 {
    function name() external view returns (string memory);

    function symbol() external view returns (string memory);

    function decimals() external view returns (uint8);
}

contract ERC20 is Context, IERC20, IERC20Metadata {
    mapping(address => uint256) private _balances;

    mapping(address => mapping(address => uint256)) private _allowances;

    uint256 private _totalSupply;

    string private _name;
    string private _symbol;
}
```

Contract Address

0x9587cec6EDDa767D68bf5ed5A3114e414A9008B0

TokenTracker

ELVES (ELVES)

Contract Creator

0x06621f951daceb63a88cd360736e1ef5535998b6

Source Code

Contract Source Code Verified

Contract Name

ELVES

Other Settings

default evmVersion, None

Compiler Version

v0.8.4+commit.c7e474f2

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

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

BEP-20 Contract Code Audit – Vulnerabilities Checked

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility (x1)	Complete	Complete	✓ Low Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is verified on BSCScan.

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Contract Ownership

Contract Ownership has not been renounced at the time of Audit



The contract ownership is not currently renounced.

We have placed the contract owner address below for your viewing:

[0x06621f951daceb63a88cd360736e1ef5535998b6](https://www.etherbase.net/etherbase-token/contract-ownership)

The address above has authority over the ownable functions within the contract.

This allows the owner to call certain functions within the contract. Any compromise to the owner wallet may allow these privileges to be exploited.

We recommend:

- Establishing a Time-Lock with reasonable latency
- Assignment of privileged roles to multi-signature wallets

Contract Code Audit – Owner Accessible Functions

Function Name	Parameters	Visibility	Audit Notes
burn	address to, uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateSwapAndLiquidity	bool value	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMarketingFee	uint256 value	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced. No upper limit, can be set to 100.
setDevelopmentFee	uint256 value	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced. No upper limit, can be set to 100.
setAllFeeToZero		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
maxFees		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updatePancakeSwapRouter	address newAddress	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromFees	address account, bool excluded	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeMultipleAccountsFromFees	address[] calldata accounts, bool excluded	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setNumberOfTokensToSwap	uint256 _amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSwapTokensAmountMax	uint256 _amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateMarketingAddress	address payable newMarketingAddress	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateDevelopmentAddress	address payable newDevelopmentAddress	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBlockNumber		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferForeignToken	address _token, address _to	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
Sweep		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced. This function has not been called.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
lock	uint256 time	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Liquidity Ownership – Locked / Unlocked

No locked liquidity information has been found.



This page will contain links to locked liquidity for the project if we are able to locate that information. Locked liquidity information was not found on the project's website.

Contract Code Audit – Mint Functions

This Contract Cannot Mint New ELVES Tokens.



We do understand that sometimes mint functions are essential to the functionality of the project.

A mint function was not found in the contract code.

Contract Transaction Fees

At the time of Audit the transaction fees (“tax”) listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated.



Tokenomics

To ensure transparency, you can check how we distributed the supply of Elves!

Slippage (Taxes)

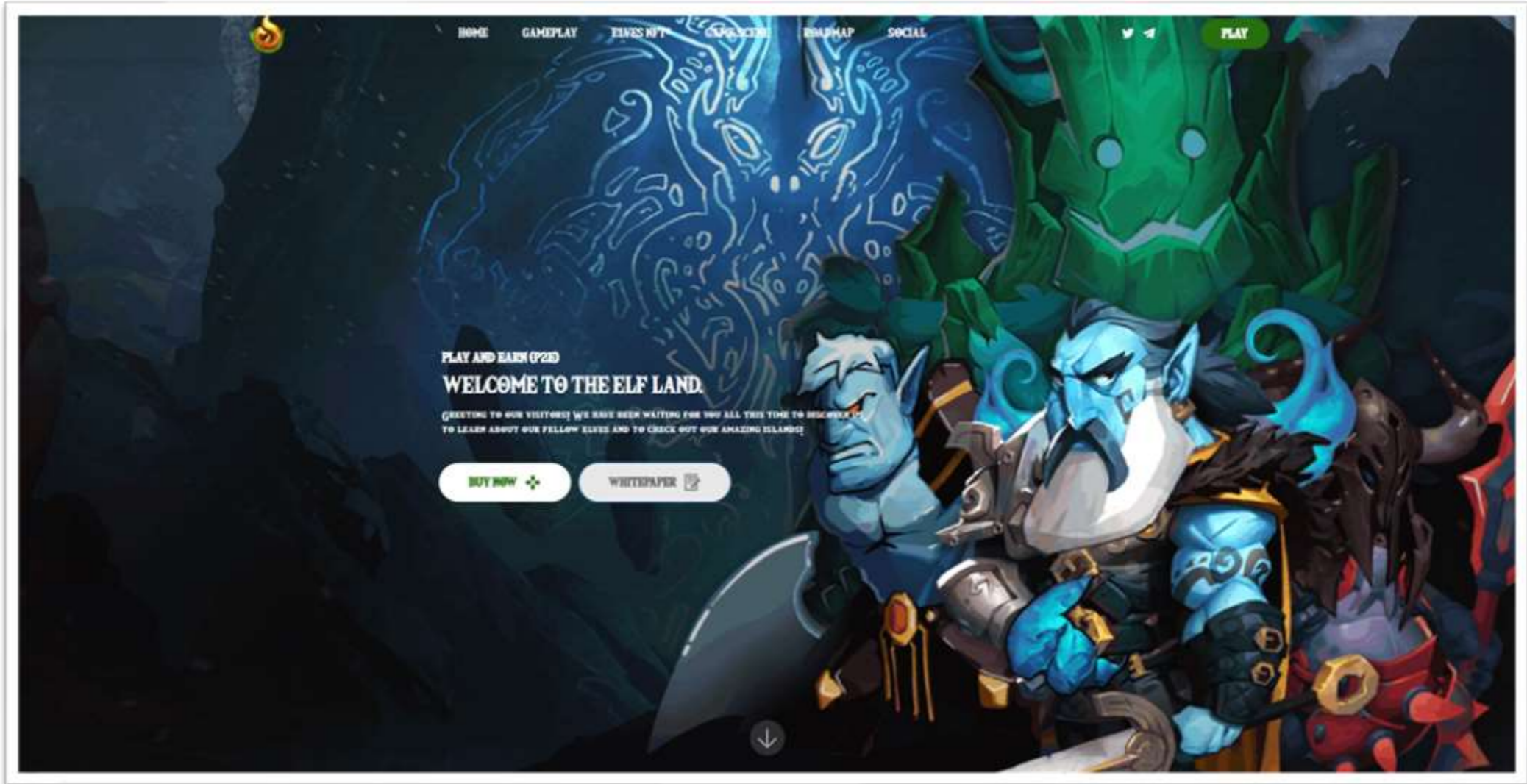
The **taxes** will be the **6%** for **buys and sells** and they **will be divided** in the **following wallets**:

3% will be used for **Development**

3% will be used for **Marketing**

Website Part 1 – Overview

www.elvescentury.com

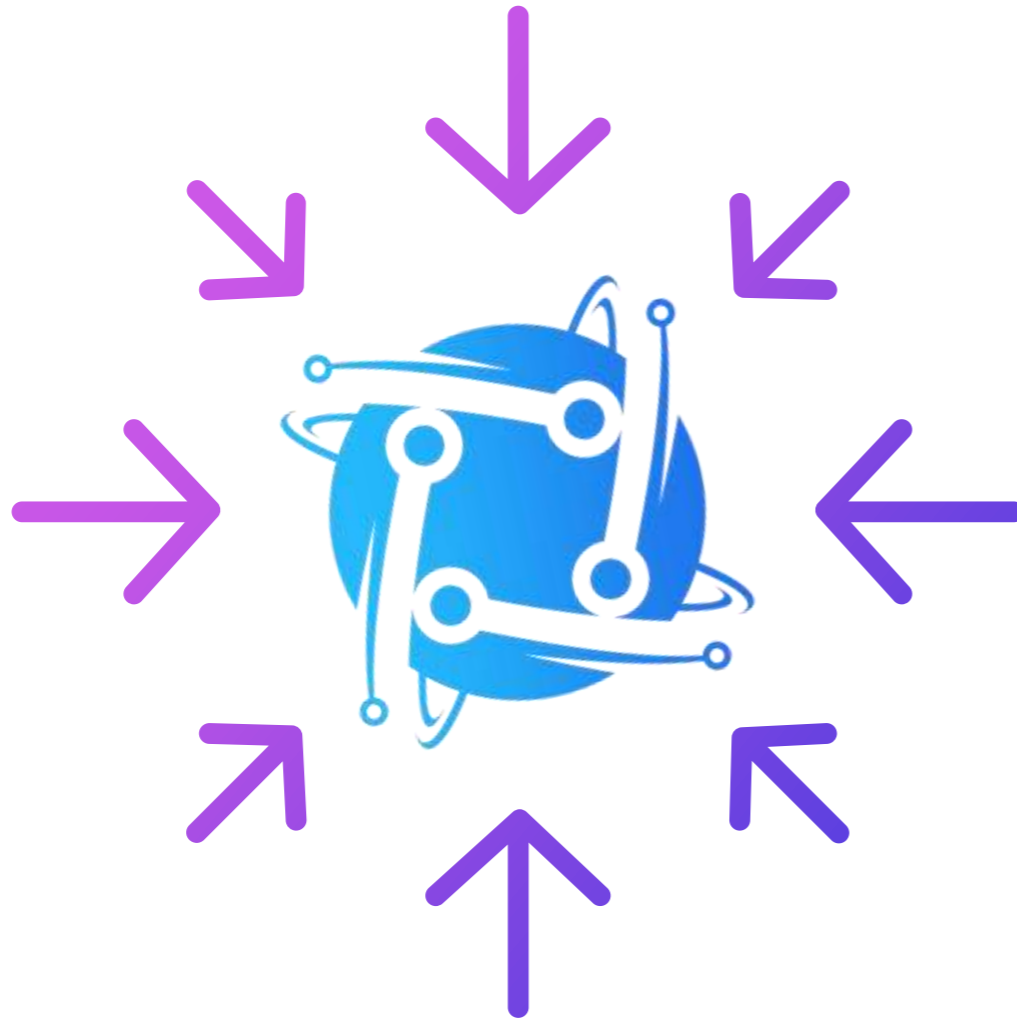


Above images are actual snapshots of the current live website of the project.

Website was registered on 12/28/2021, registration expires 12/28/2022.

X This does not meet the 3 year minimum we like to see on new projects.

Website Part 2 – Checklist



- ✓ Mobile Friendly
- ✓ No JavaScript Errors
- ✓ Spell Check
- ✓ SSL Certificate

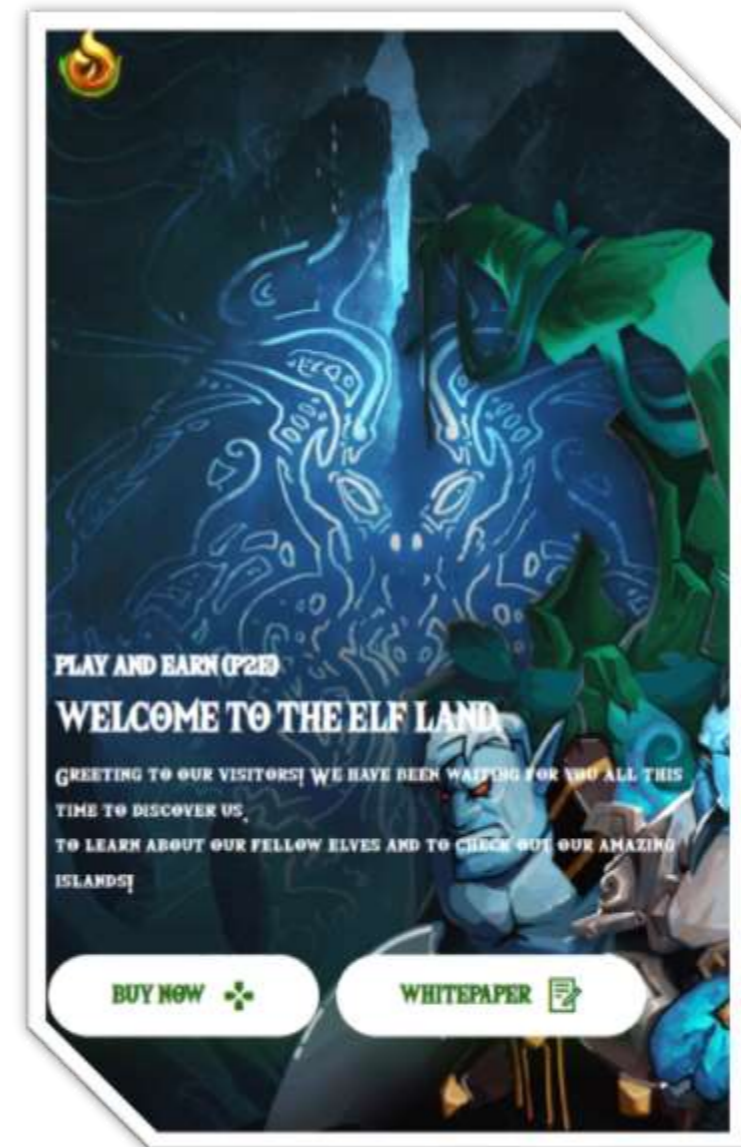
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

No additional issues were found on the website.

Website Part 3 – Responsive HTML5 & CSS3

No issues were found on the Mobile Friendly check for the website. All elements loaded properly and browser resize was not an issue. The team has put a considerable amount of thought and effort into making sure their website looks great on all screens.

No severe JavaScript errors were found. No issues with loading elements, code, or stylesheets.



Website Part 4 (GWS) – General Web Security



SSL CERTIFICATE

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

Offered to: elvescentury.com

Issued by: ZeroSSL

Valid Until: 04/09/2022



CONTACT EMAIL

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

[Contact](mailto:hello@elvescentury.com)

HELLO@ELVESCENTURY.COM



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

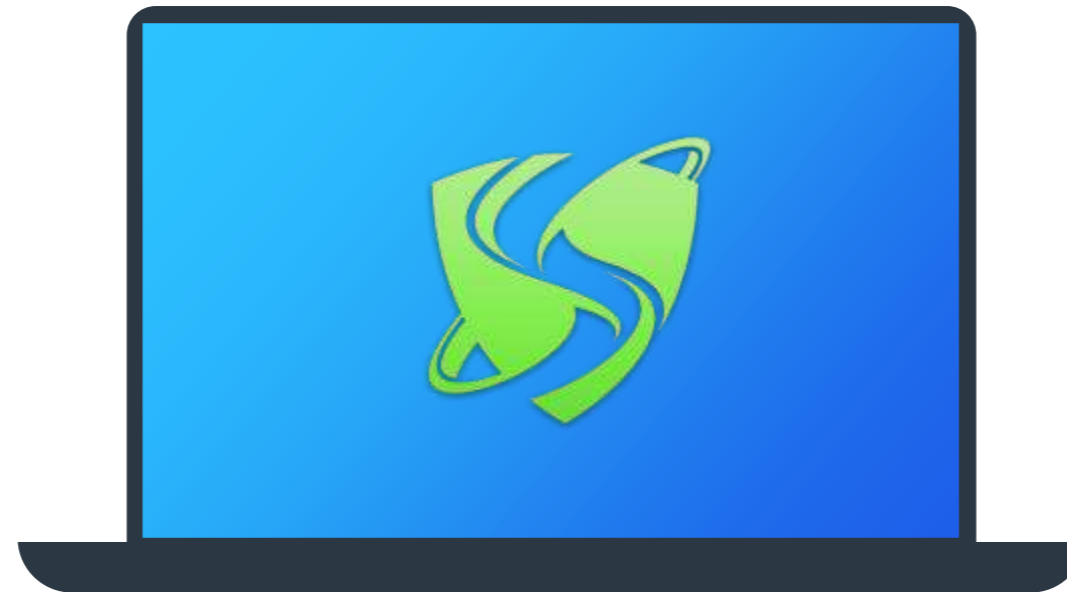
No internal server errors

No popups found

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



Social Media



We were able to locate a variety of Social Media networks for the project.

All links have been conveniently placed below.



[Twitter](#)



[Telegram](#)

X At least 3 social media networks were found.

Top Token Holders

The entire supply was in one wallet at the time of audit. We expect this to change as the project goes through initial distribution phases. Please use the link below to view the most up-to-date holder information.

[Click here to view the most up-to-date list of holders](#)

ELVES Top 100 Token Holders

Source: BscScan.com

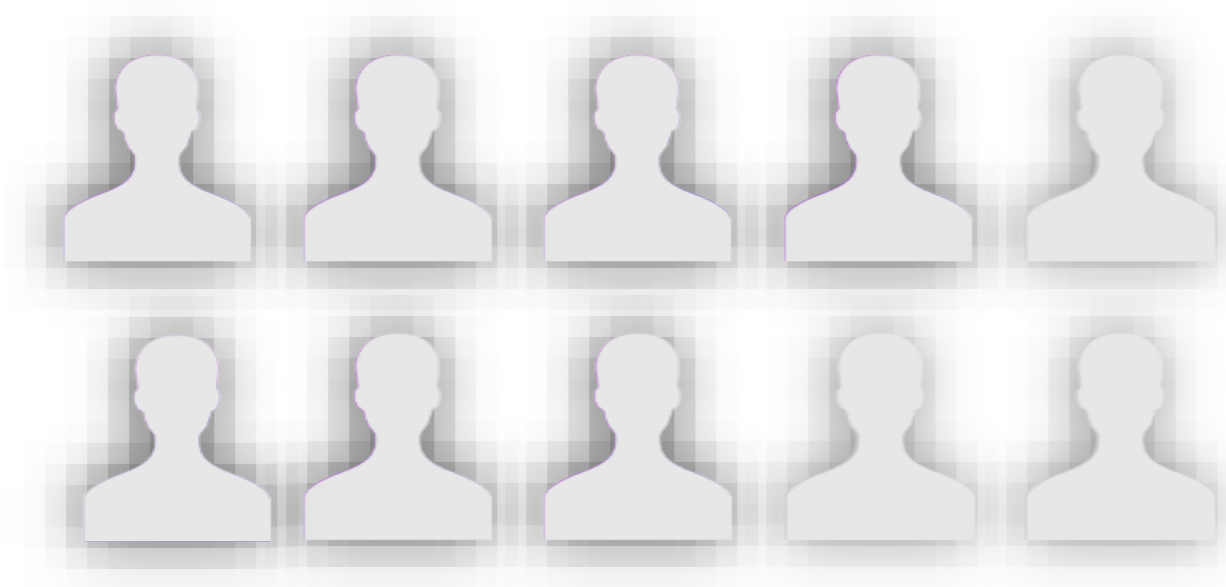


Location Audit

We were unable to identify a primary location for the project at this time or a location has not been declared.



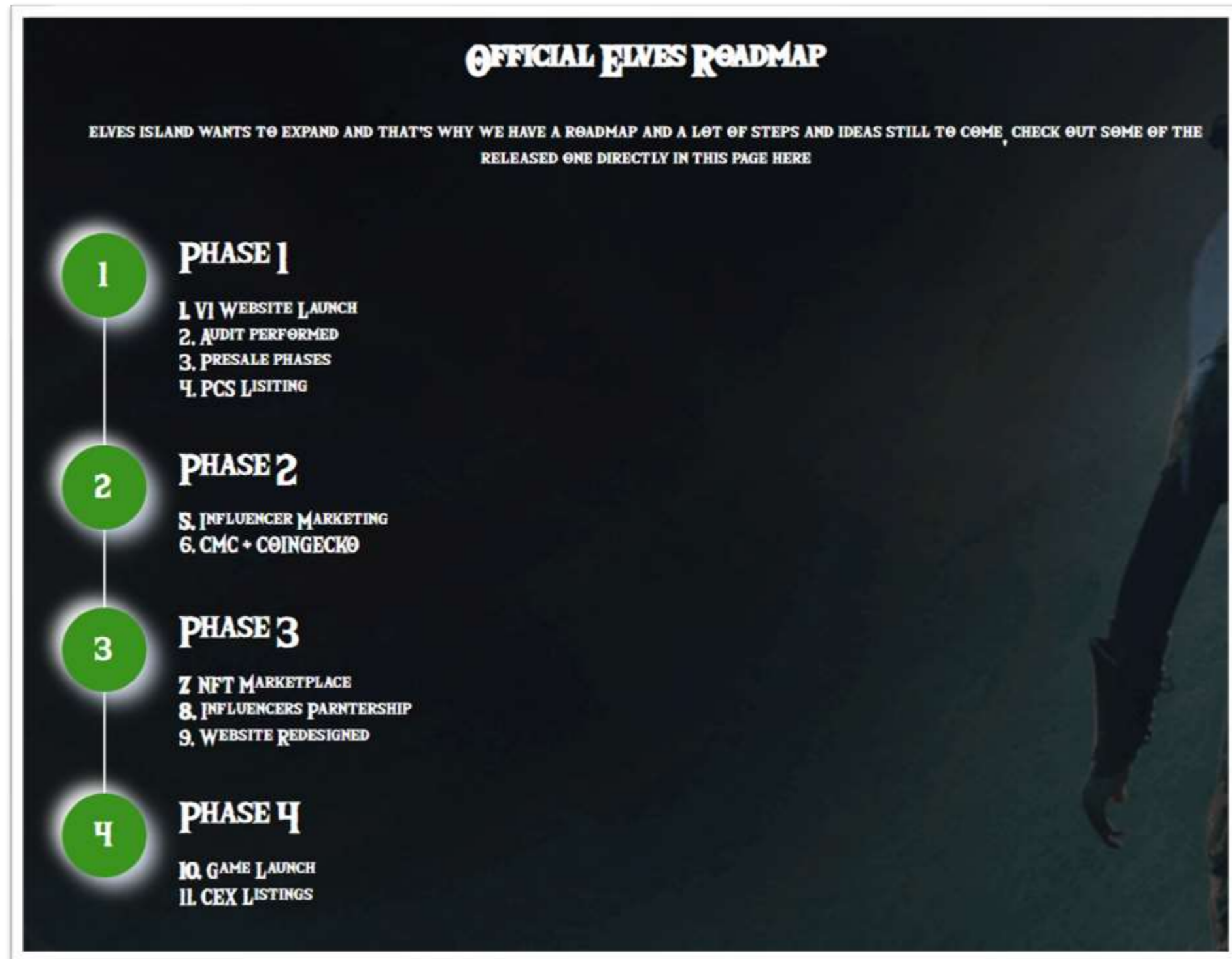
Team Overview



We are unable to find any information about the team on the website at this time. Projects may choose to stay anonymous for a myriad of reasons.

Roadmap

A roadmap was found on the official website, we have conveniently placed it on this page for your viewing.



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 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. Dessert Finance 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, Dessert Finance 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 Dessert Finance 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, Dessert Finance assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessert Finance still has the possibility that the entire risk cannot be completely detected. Dessert Finance disclaims any liability for the resulting losses.

Dessert Finance 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 Dessert Finance.

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



Thank You

DESSERT FINANCE PROJECT AUDIT HAS BEEN COMPLETED FOR ELVES (ELVES) 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **14280511**

www.dessertswap.finance
<https://t.me/dessertswap>