



DESSERT
FINANCE

Grove Token (GVR)

BEP-20 Audit

Performed at block **16632525**

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: **0xαFb64E73dEf6fAα8B6Ef9α6fb7312d5C4C15ebDB**

INITIAL DISCLAIMER

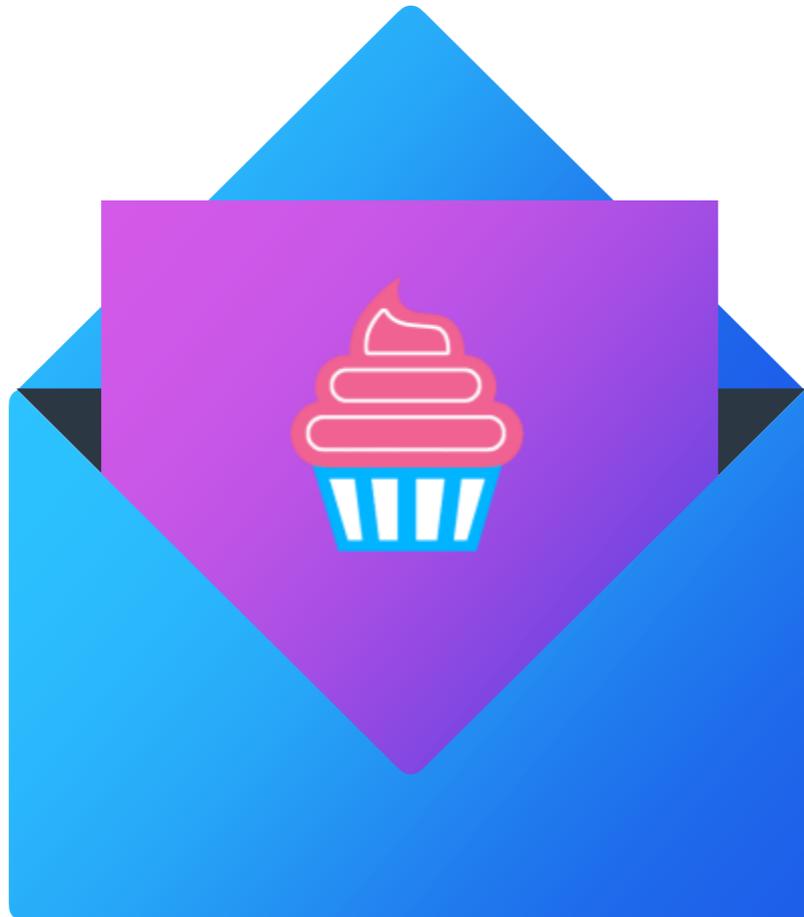
Dessert Finance provides due-diligence project audits for various projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

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 Grove Token (GVR)

```
Submitted for verification at BscScan.com on 2022-02-08
//
// SPDX-License-Identifier: MIT
pragma solidity 0.8.12;

abstract contract Context {
    function _msgSender() internal view virtual returns (address) {
        return msg.sender;
    }
    function _msgData() internal view virtual returns (bytes calldata) {
        // // silence state mutability warning without generating bytecode - see https://github.com/ethereum/solidity/issues/2691
        return msg.data;
    }
}

interface IUniswapV2Factory {
    event PairCreated(address indexed token0, address indexed token1, address pair, uint);
    function feeTo() external view returns (address);
    function feeOnTransfer() external view returns (bool);
    function getPair(address tokenA, address tokenB) external view returns (address pair);
    function allPairs(uint) external view returns (address pair);
    function allPairsLength() external view returns (uint);
    function createPair(address tokenA, address tokenB) external returns (address pair);
    function setFeeTo(address) external;
    function setFeeOnTransfer(address) external;
}

interface IUniswapV2Router01 {
    function factory() external pure returns (address);
    function WETH() external pure returns (address);
    function addLiquidity(
        address tokenA,
        address tokenB,
        uint amountDesiredA,
        uint amountDesiredB,
        uint amountMinA,
        uint amountMinB,
        address to,
        uint deadline
    ) external returns (uint amountA, uint amountB, uint liquidity);
    function addLiquidityETH(
        address token,
        uint amountTokenDesired,
        uint amountTokenMin,
        uint amountETHMin,
        address to,
        uint deadline
    ) external payable returns (uint amountToken, uint amountETH, uint liquidity);
    function removeLiquidity(
        address tokenA,
        address tokenB,
        uint liquidity,
        uint amountMinA,
        uint amountMinB,
        address to,
        uint deadline
    ) external returns (uint amountA, uint amountB);
    function removeLiquidityETH(
        address token,
        uint liquidity,
        uint amountTokenMin,
        uint amountETHMin,
        address to,

```

Contract Address

0xaFb64E73dEf6fAa8B6Ef9a6fb7312d5C4C15ebDB

TokenTracker

Grove Token (GVR)

Contract Creator

0x53ff4a10a30deb6d412f9b47caec28af7f8e799

Source Code

Contract Source Code Verified

Contract Name

Grove

Other Settings

default evmVersion, MIT

Compiler Version

v0.8.12+commit.f00d7308

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:

[0xf032646f1c003b73f696fb4ca6267c2690732ae1](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
launch		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
cancelLaunch		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
activateTrading		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
deactivateTrading		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSellCoolDownPeriod	uint256 newCoolDown	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSproutHour		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
cancelSproutHour		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
allowTradingWhenDisabled	address account, bool allowed	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromFees	address account, bool excluded	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromDividends	address account	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromMaxTransactionLimit	address account, bool excluded	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromMaxWalletLimit	address account, bool excluded	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
excludeFromSellCoolDown	address account, bool excluded	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
blockAccount	address account	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
unblockAccount	address account	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFeeOnWalletTransfers	bool value	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFeeOnSelectedWalletTransfers	address account, bool value	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setWallets	address newLiquidityWallet, address newMarketingWallet, address newBuyBackWallet	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setAllFeesToZero		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
resetAllFees		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

Contract Code Audit – Owner Accessible Functions

Function Name	Parameters	Visibility	Audit Notes
setBaseFeesOnBuy	uint256 _liquidityFeeOnBuy, uint256 _marketingFeeOnBuy, uint256 _buyBackFeeOnBuy, uint256 _burnFeeOnBuy, uint256 _holdersFeeOnBuy	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseFeesOnSell	uint256 _liquidityFeeOnSell, uint256 _marketingFeeOnSell, uint256 _buyBackFeeOnSell, uint256 _burnFeeOnSell, uint256 _holdersFeeOnSell	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSproutHour1BuyFees	uint256 _liquidityFeeOnBuy, uint256 _marketingFeeOnBuy, uint256 _buyBackFeeOnBuy, uint256 _burnFeeOnBuy, uint256 _holdersFeeOnBuy	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSproutHour1SellFees	uint256 _liquidityFeeOnSell, uint256 _marketingFeeOnSell, uint256 _buyBackFeeOnSell, uint256 _burnFeeOnSell, uint256 _holdersFeeOnSell	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSproutHour2BuyFees	uint256 _liquidityFeeOnBuy, uint256 _marketingFeeOnBuy, uint256 _buyBackFeeOnBuy, uint256 _burnFeeOnBuy, uint256 _holdersFeeOnBuy	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSproutHour2SellFees	uint256 _liquidityFeeOnSell, uint256 _marketingFeeOnSell, uint256 _buyBackFeeOnSell, uint256 _burnFeeOnSell, uint256 _holdersFeeOnSell	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setUniswapRouter	address newAddress	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMaxTransactionAmount	uint256 globalValue, uint256 buyValue, uint256 sellValue	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMaxWalletAmount	uint256 newValue	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMinimumTokensBeforeSwap	uint256 newValue	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMinimumTokenBalanceForDividends	uint256 newValue	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
claimBNBOverflow	uint256 amount	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.
transferOwnership	address newOwner	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

Locked liquidity information has been found.



93.42% of all liquidity tokens have been burned – This means the liquidity tokens cannot be recovered.
The remaining 6% of the liquidity is held by PancakeSwap.

Rank	Address	Quantity	Percentage
1	Null Address: 0x000...000	1,608,417,843.617099491952004024	85.8047%
2	Null Address: 0x000...dEaD	142,754,002.815674005246048283	7.6155%
3	0x9ce67bdc5d19d795b93852079712214c21b792cd	122,055,421.247975961431573385	6.5113%

Contract Code Audit – Mint Functions

This Contract Cannot Mint New Grove Token (GVR) Tokens.

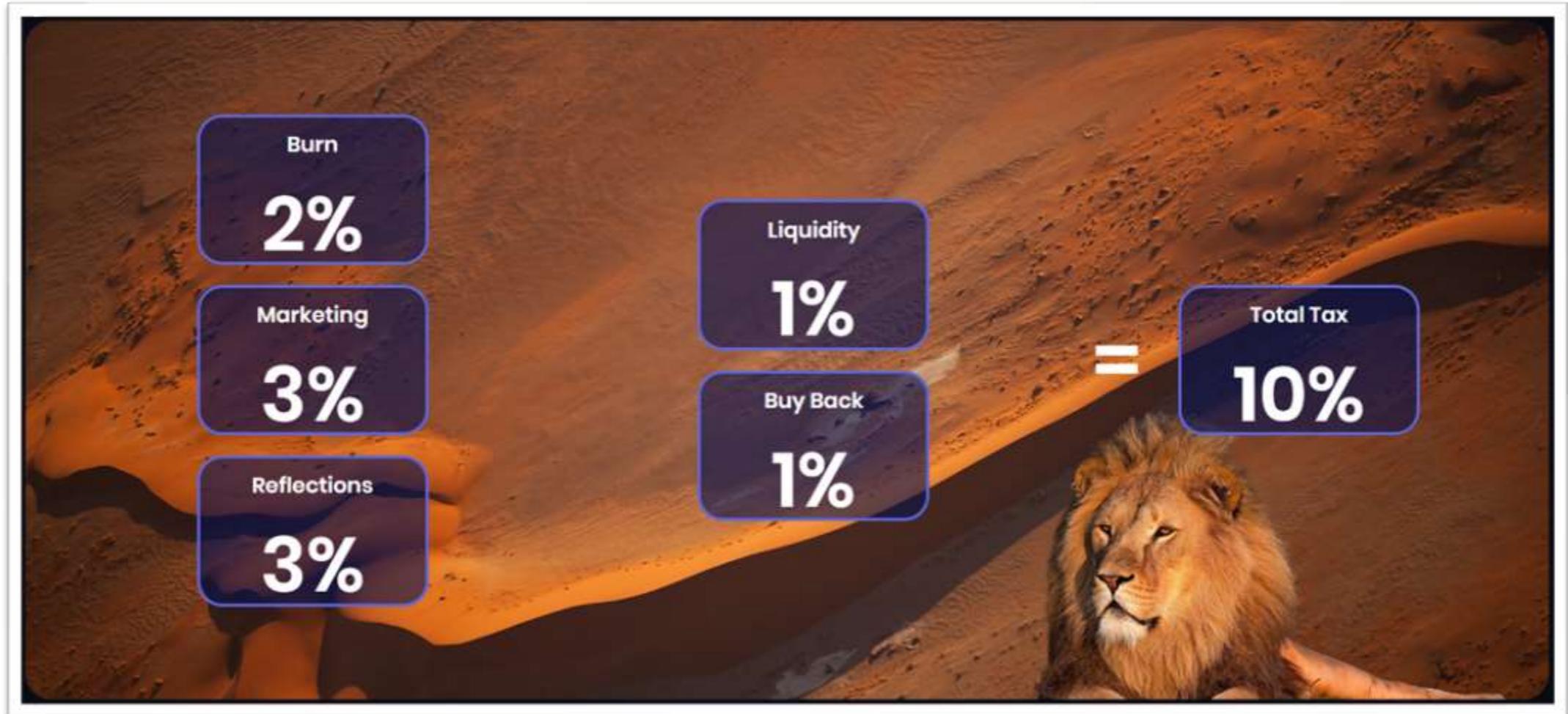


We do understand that sometimes mint functions are essential to the functionality of the project.

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.



Website Part 1 – Overview

www.grovetoken.com



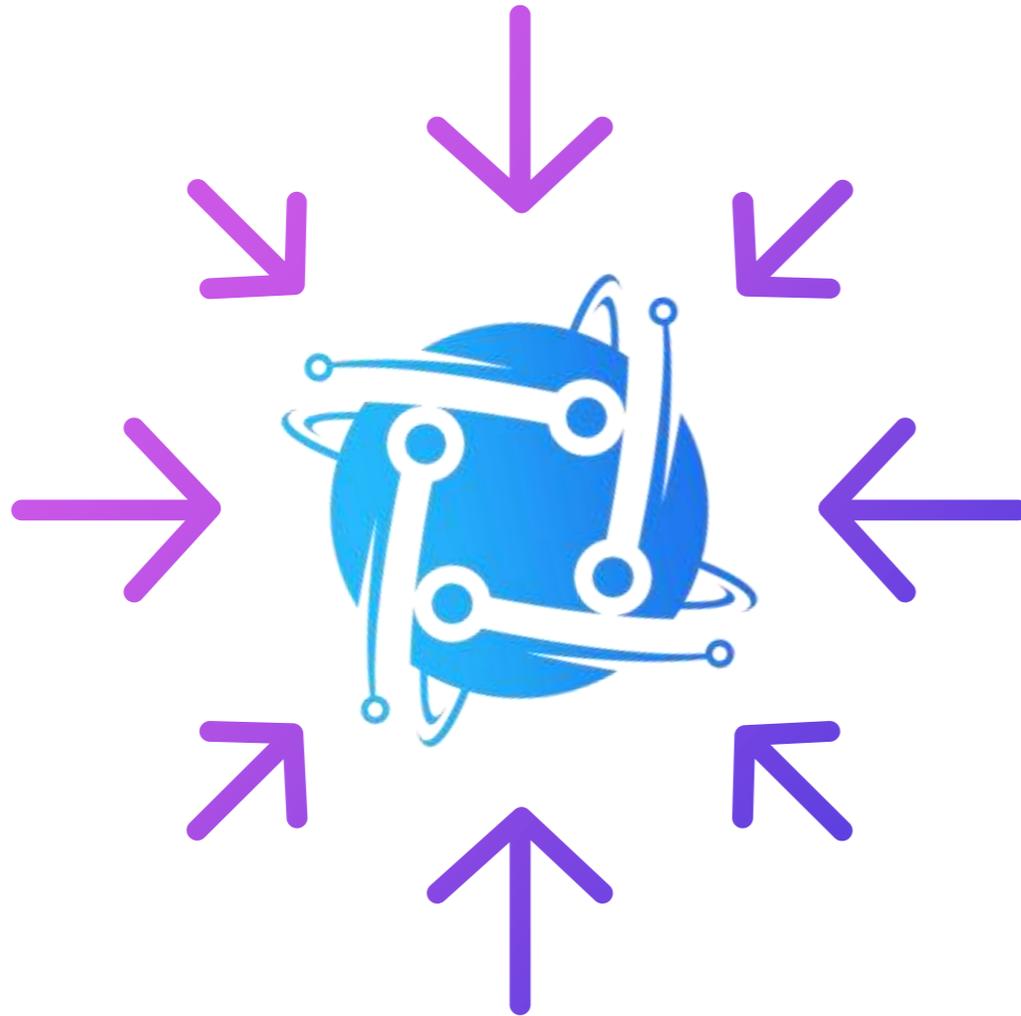
Above images are actual snapshots of the current live website of the project.

Website was registered on 11/20/2021, registration expires 11/20/2028.

✓ This **exceeds** the 3 year minimum we like to see on new projects.



Website Part 2 – Checklist



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

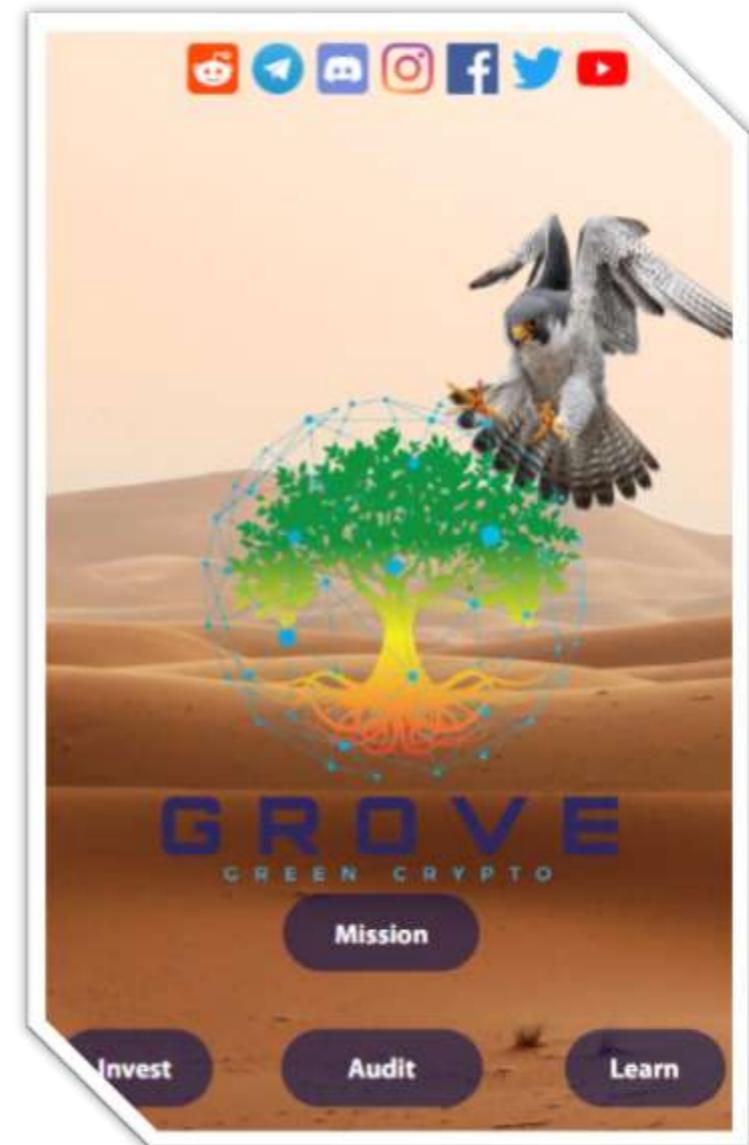
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: grovetoken.com

Issued by: Cloudflare Inc

Valid Until: 01/5/2023



CONTACT EMAIL

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

[Contact](mailto:Admin@grovetoken.com)

Admin@grovetoken.com



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

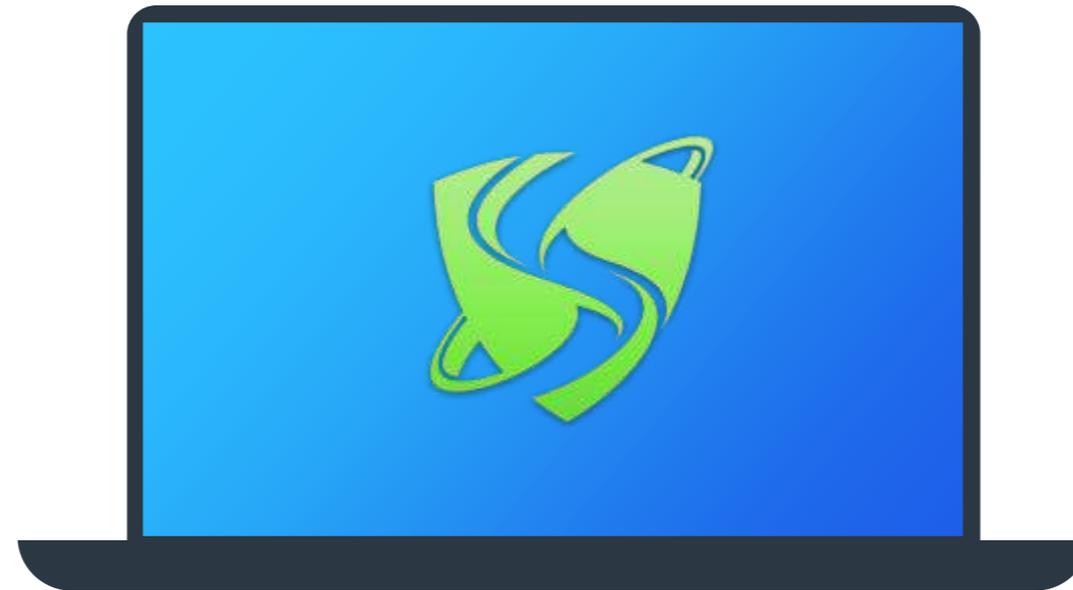
No internal server errors

No popups found

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

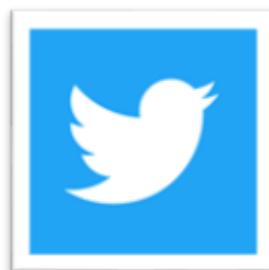


Social Media

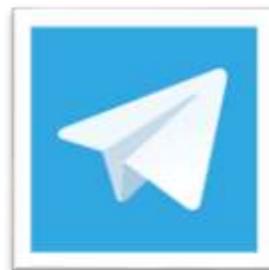


We were able to locate a variety of Social Media networks for the project.

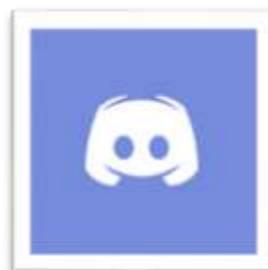
All links have been conveniently placed below.



[Twitter](#)



[Telegram](#)



[Discord](#)



[Facebook](#)



[Instagram](#)



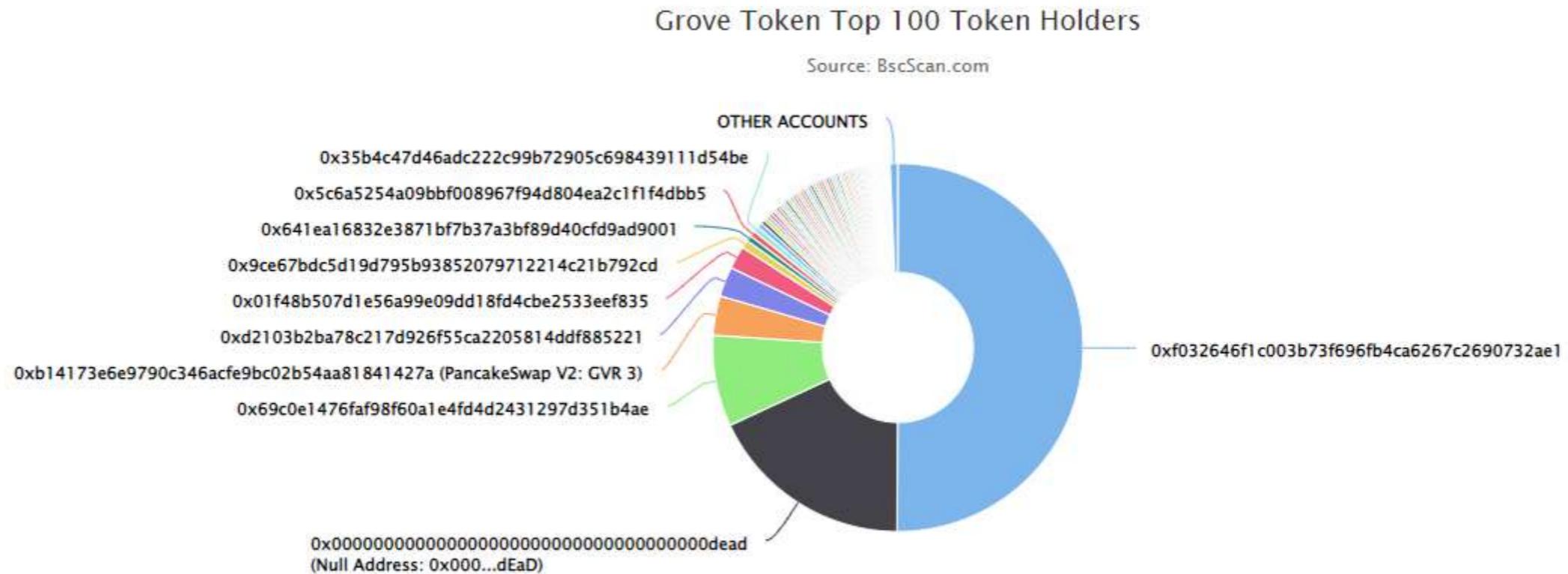
[YouTube](#)

✓ **At least 3 social media networks were found.**

Top Token Holders

The top token holders at the time of the audit are shown below.

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

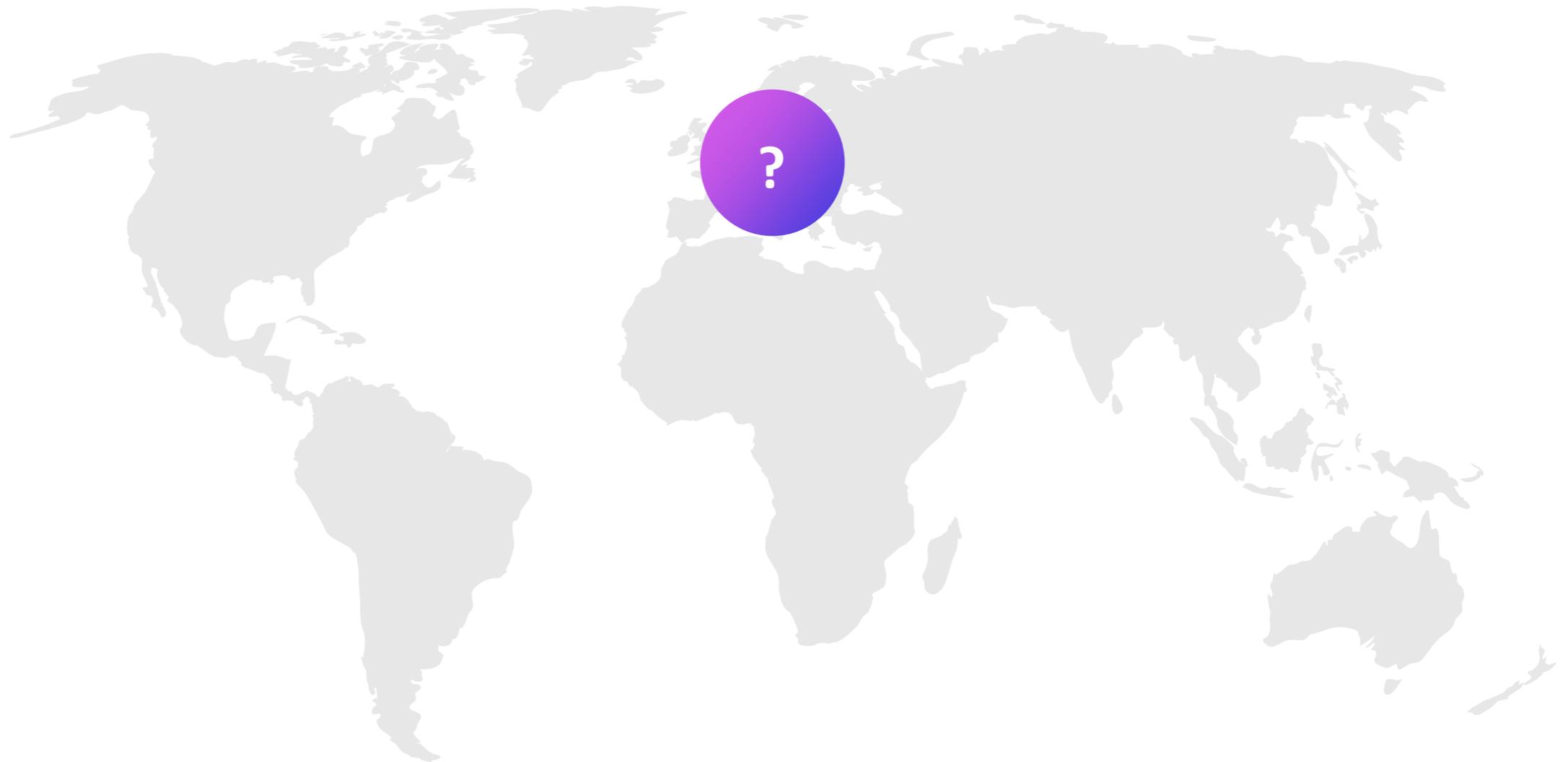


Rank	Address	Quantity (Token)	Percentage
1	0xf032646f1c003b73f696fb4ca6267c2690732ae1	49,938,000,000,000,000	50.0749%
2	Null Address: 0x000...dEaD	17,937,077,011,784,500.701111927858410857	17.9862%
3	0x69c0e1476faf98f60a1e4fd4d2431297d351b4ae	7,987,785,750,506,660.996594641201839057	8.0097%
4	PancakeSwap V2: GVR 3	3,449,262,751,113,330.689378837573418653	3.4587%
5	0xd2103b2ba78c217d926f55ca2205814ddf885221	2,594,200,849,581,520.913296658140624469	2.6013%

Wallet #1 is used for on-going monthly burns, the amount in this wallet will gradually decrease over time.

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

The following information was found on the project's website about the team.



John Ghemrawi
Master in Telecommunication Engineering.
Highly experienced and driven Retail Business Leader, passionate about building and developing teams and achieving exceptional business outcomes.
Over five years of experience in the crypto world.
[Twitter](#) [LinkedIn](#)

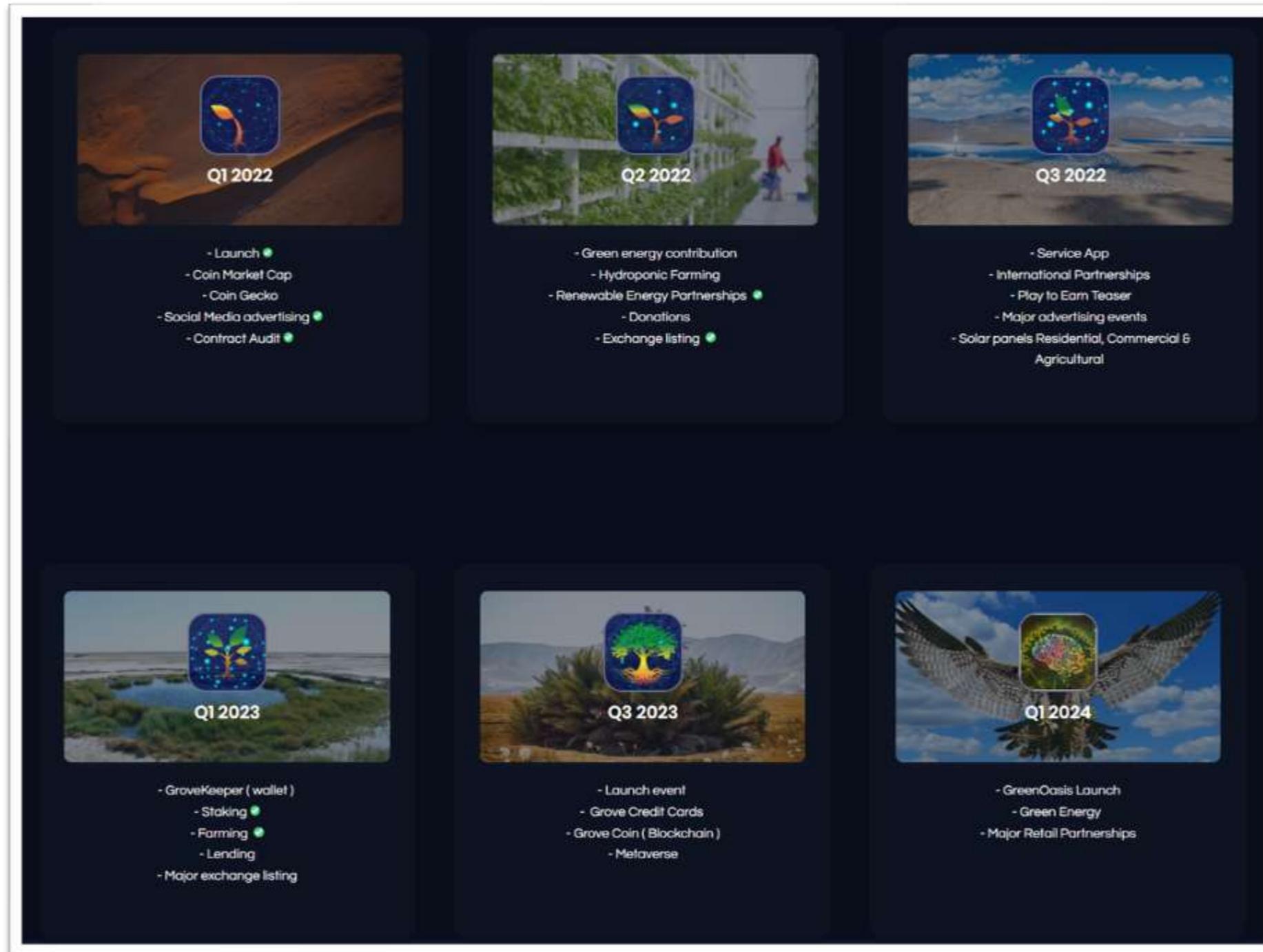
Richard Sultan
Bachelor of Computer Engineering.
Entrepreneur with over 25 years of experience in managing large teams of Sales professionals, providing guidance, leadership, and enthusiasm to achieve excellent results.
Passion for being the Best drives me to work harder to achieve my goal recipient of many excellence awards in the past ten years.
[LinkedIn](#)

John Elmasri
Business proprietor with over 30 years of experience in management, administration, and operations. General manager for a large multinational corporation. Expert in process excellence, business expansion, and customer relations. Passionate about nurturing talent and building future leaders.
[LinkedIn](#)

Mendy Parker
Over 15 years experience in executive management ranging from marketing, research, and development of multiple projects throughout the United States. Technology noted as the operations manager for the founding technology of online purchasing.
[Twitter](#)

Roadmap

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



Disclaimer

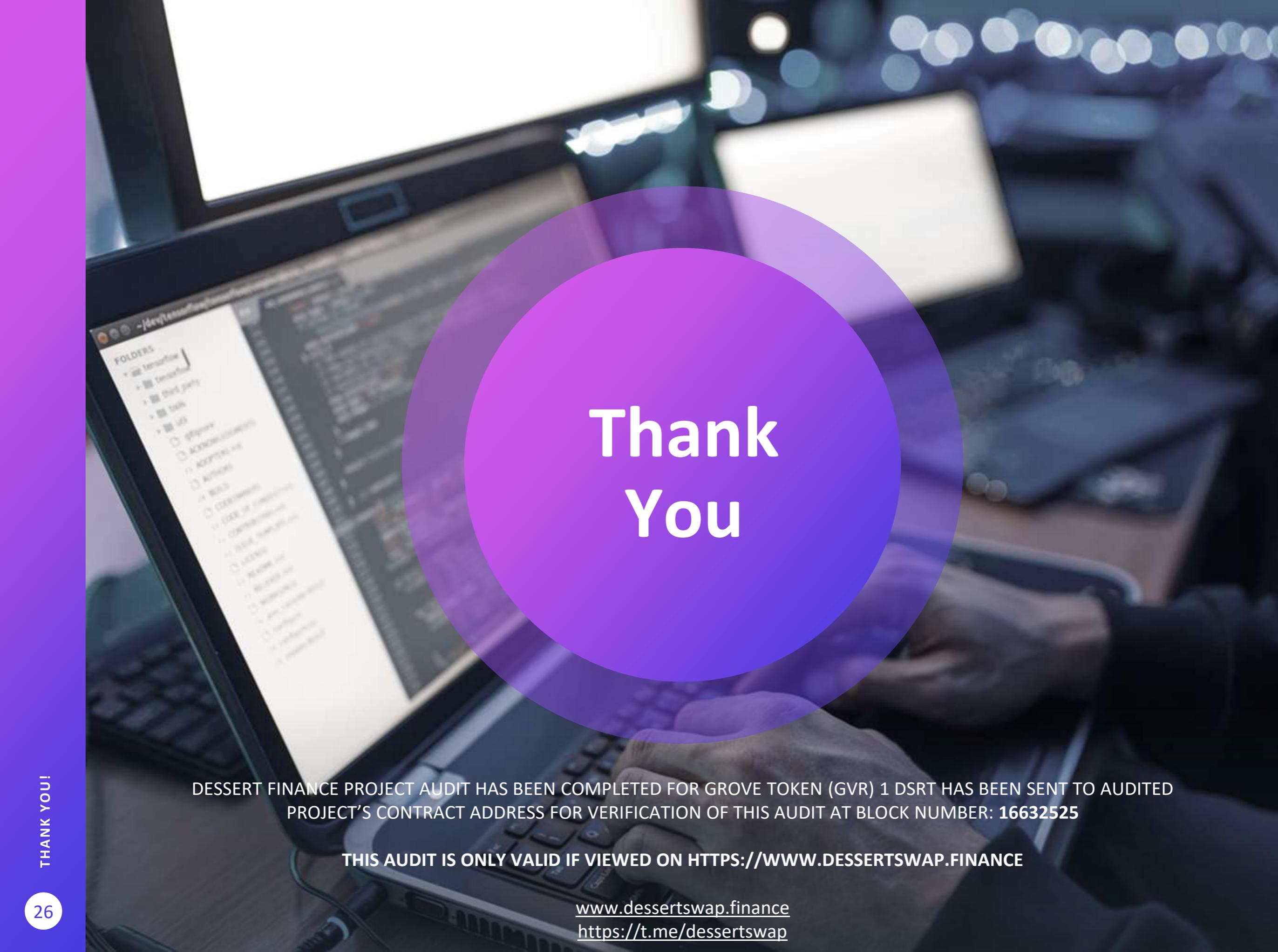


The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding projects. This audit is 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 GROVE TOKEN (GVR) 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **16632525**

THIS AUDIT IS ONLY VALID IF VIEWED ON [HTTPS://WWW.DSSERTSWAP.FINANCE](https://www.dessertswap.finance)

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