



**DESSERT**  
FINANCE

**Imperium (IMPCOIN)**

**BEP-20 Audit**

Performed at block **38433827**

PERFORMED BY DESSERT FINANCE  
FOR CONTRACT ADDRESS: **0x5FE7D4aD1794365f6812cf425a9948444417EDD**

**VERIFY THIS REPORT IN THE [@DESSERTSWAP](#) TELEGRAM, [CLICK HERE](#)**

## 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 not validate any partnerships or claims.

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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# Table of Contents



1. Contract Code Audit – Token Overview
2. BEP-20 Contract Code Audit – Overview
3. BEP-20 Contract Code Audit – Vulnerabilities Checked
4. Contract Code Audit – Contract Ownership
5. Contract Code Audit – Owner Accessible Functions
6. Liquidity Ownership – Locked / Unlocked
7. Contract Code Audit – Mint Functions
8. Contract Transaction Fees
9. Website Overview
10. Social Media
11. Top Token Holders/Wallets
12. Location Audit
13. Review of Team
14. Roadmap
15. Disclaimers

# Contract Code Audit – Token Overview



# BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Imperium (IMPCOIN)

```
// SPDX-License-Identifier: GPL-3.0
pragma solidity 0.8.17;

import { Ownable } from "@openzeppelin/contracts/access/Ownable.sol";
import { LibCommon } from "../lib/LibCommon.sol";
import { ReflectiveERC20 } from "../ReflectiveERC20.sol";

/// @title A Defi Token implementation with extended functionalities
/// @notice Implements ERC20 standards with additional features like tax and deflation
contract DefiV3Token is ReflectiveERC20, Ownable {
    // Constants
    uint256 private constant MAX_BPS_AMOUNT = 10_000;
    uint256 private constant MAX_ALLOWED_BPS = 2_000;
    string public constant VERSION = "defi_v_3";

    // State Variables
    string public initialDocumentUri;
    string public documentUri;
    uint256 public immutable initialSupply;
    uint256 public immutable initialMaxTokenAmountPerAddress;
    uint256 public maxTokenAmountPerAddress;
    uint256 public maxTotalSupply;

    /// @notice Configuration properties for the ERC20 token
    struct ERC20ConfigProps {
        bool _isMintable;
        bool _isBurnable;
        bool _isDocumentAllowed;
        bool _isMaxAmountOfTokensSet;
        bool _isMaxSupplySet;
        bool _isTaxable;
        bool _isDeflationary;
        bool _isReflective;
    }
    ERC20ConfigProps private configProps;

    address public immutable initialTokenOwner;
    uint8 private immutable _decimals;
    address public taxAddress;
    uint256 public taxBPS;
    uint256 public deflationBPS;

    // Events
    event DocumentUriSet(string newDocUri);
    event MaxTokenAmountPerSet(uint256 newMaxTokenAmount);
    event TaxConfigSet(address indexed _taxAddress, uint256 indexed _taxBPS);
    event DeflationConfigSet(uint256 indexed _deflationBPS);
    event ReflectionConfigSet(uint256 indexed _feeBPS);

    // Custom Errors
    error InvalidMaxTokenAmount(uint256 maxTokenAmount);
    error InvalidDecimals(uint8 decimals);
    error MaxTokenAmountPerAddrLtPrevious();
    error DestBalanceExceedsMaxAllowed(address addr);
    error DocumentUriNotAllowed();
    error MaxTokenAmountNotAllowed();
    error TokenIsNotTaxable();
    error TokenIsNotDeflationary();
    error InvalidTotalBPS(uint256 bps);
    error InvalidReflectiveConfig();
    error InvalidMaxSupplyConfig();
    error TotalSupplyExceedsMaxAllowedAmount();
}
```

## Contract Address

0x5FE7D4aD1794365f6812cf425a99484444417EDD

## TokenTracker

Imperium (IMPCOIN)

## Contract Creator

0x8DBA0BB69f8C3B0ff3F638E0C588a81CB1c4491A

## Source Code

Verified as Similar Match

## Contract Name

DefiV3Token

## Other Settings

default evmVersion, GNU GPLv3 license

## Compiler Version

v0.8.17+commit.8df45f5f

## Optimization Enabled

Yes with 1337 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	Complete	Complete	✓ Low / No 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:

[0x8DBA0BB69f8C3B0ff3F638E0C588a81CB1c4491A](https://www.etherscan.io/address/0x8DBA0BB69f8C3B0ff3F638E0C588a81CB1c4491A)

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
setDocumentUri	string memory newDocumentUri	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setReflectionConfig	uint256 _feeBPS	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setDeflationConfig	uint256 _deflationBPS	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
mint	address to, uint256 amount	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
burn	uint256 amount	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public override	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public override	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 Can Mint New IMPCOIN Tokens.

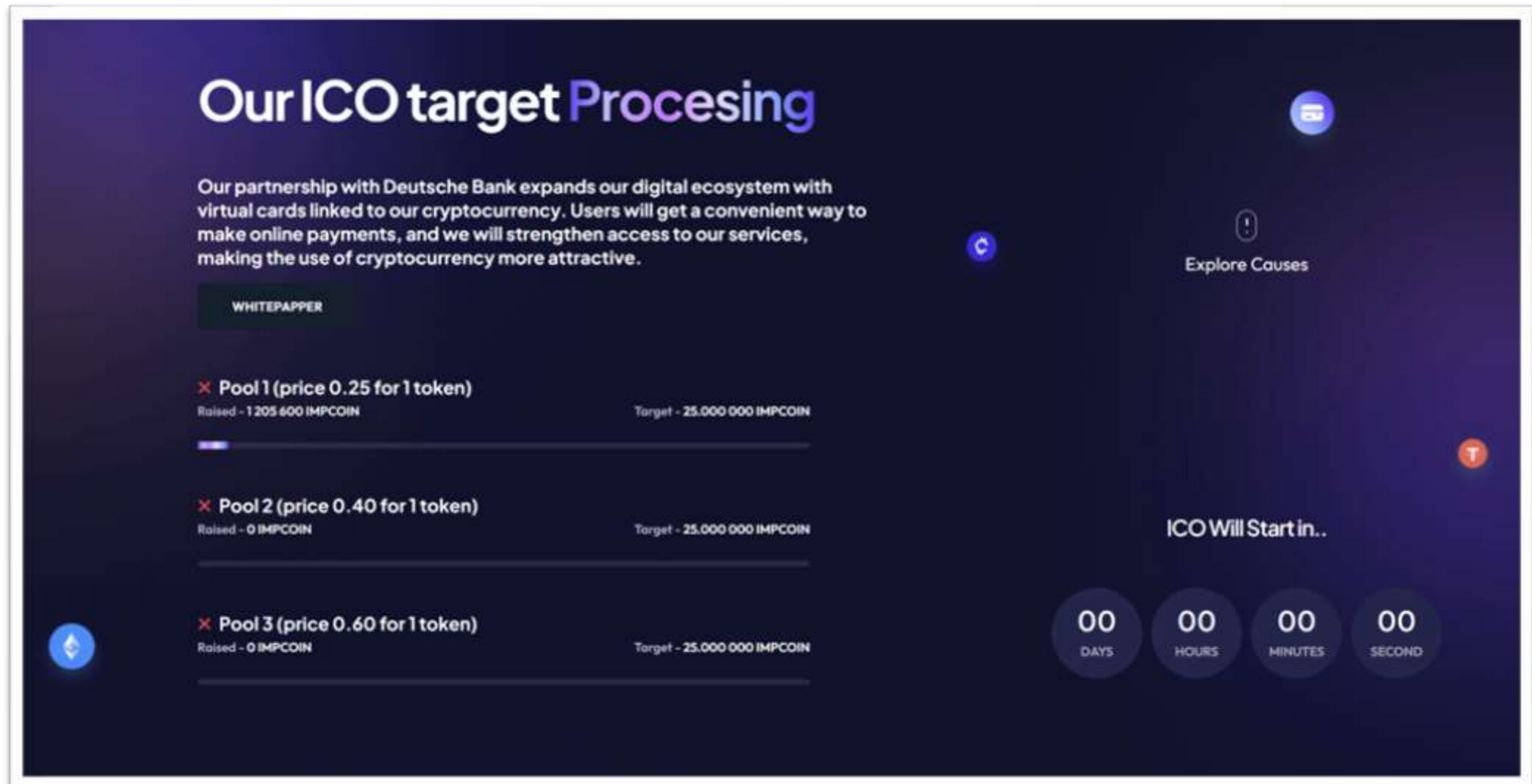


We do understand that sometimes mint functions are essential to the functionality of the project.

**A mint function was found in the contract code.**

# Website Part 1 – Overview

<https://imp-coin.com>



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

Website was registered on 03/28/2024, registration expires 03/28/2025.

✗ 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

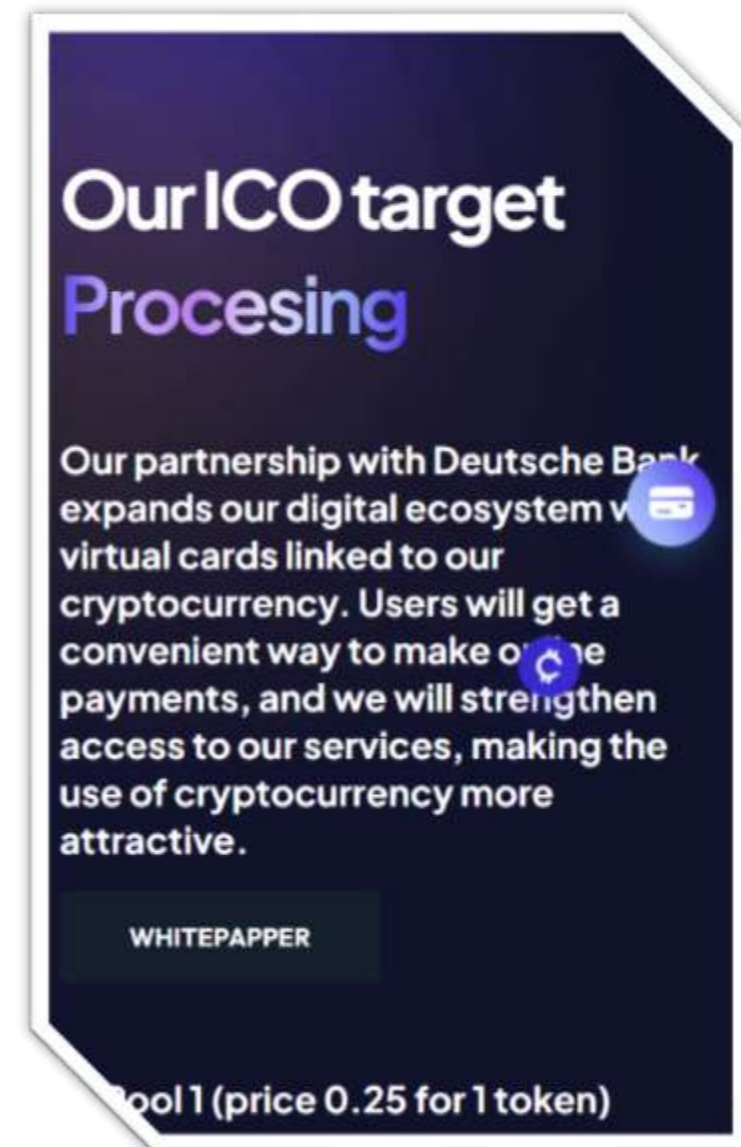
The website contained no JavaScript errors. Some typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: imp-coin.com

Issued by: R3

Valid Until: 06/26/2024



## CONTACT EMAIL

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

Contact

N/A



## SPAM / MALWARE / POPUPS

No malware found

No injected spam found

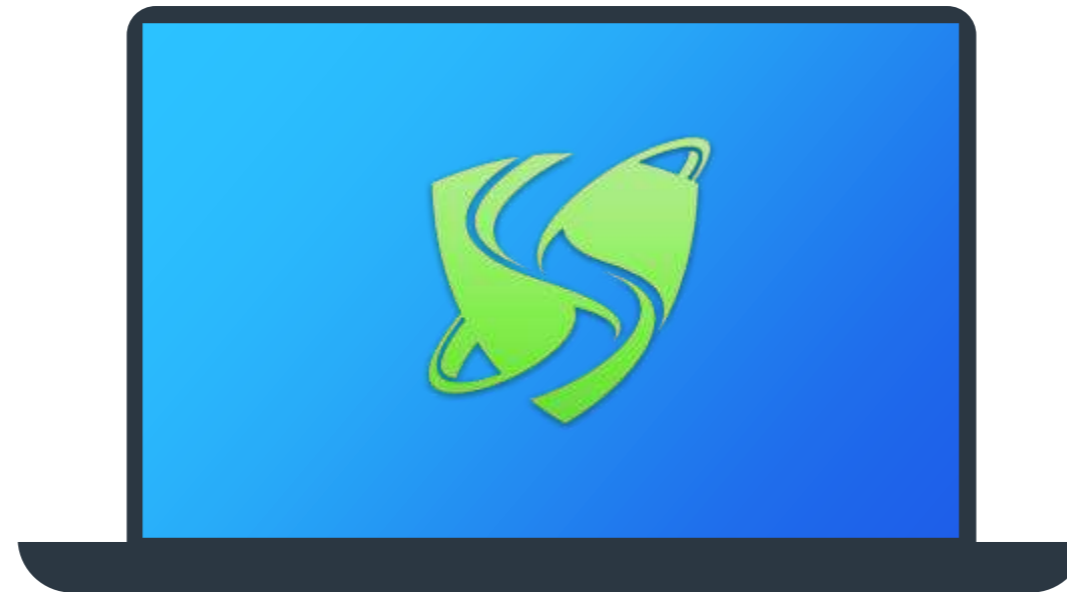
No internal server errors

No popups found

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



# Social Media



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

All links have been conveniently placed below.



[Twitter](#)

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

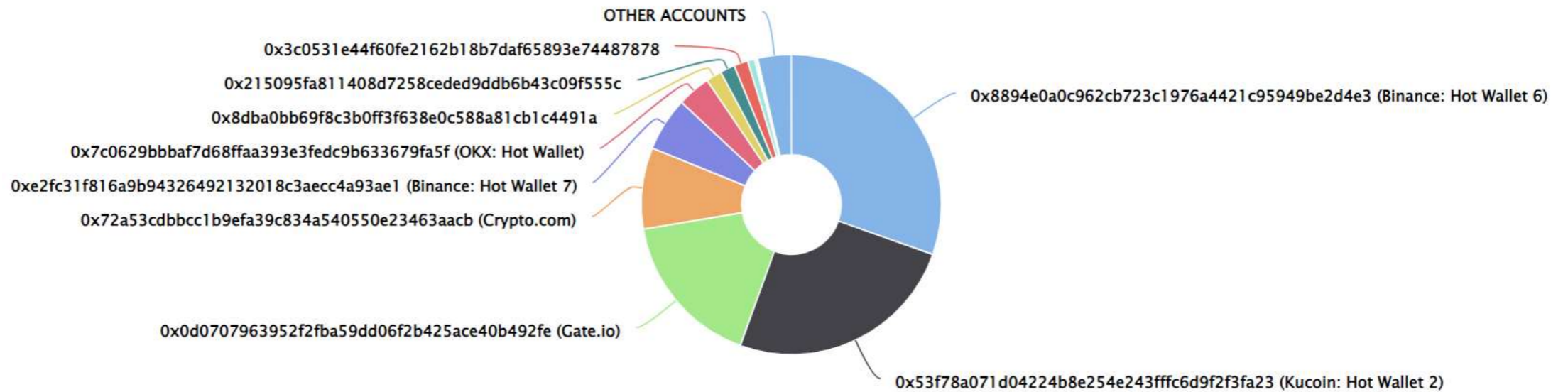
# Top Token Holders

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](#)

Imperium 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.



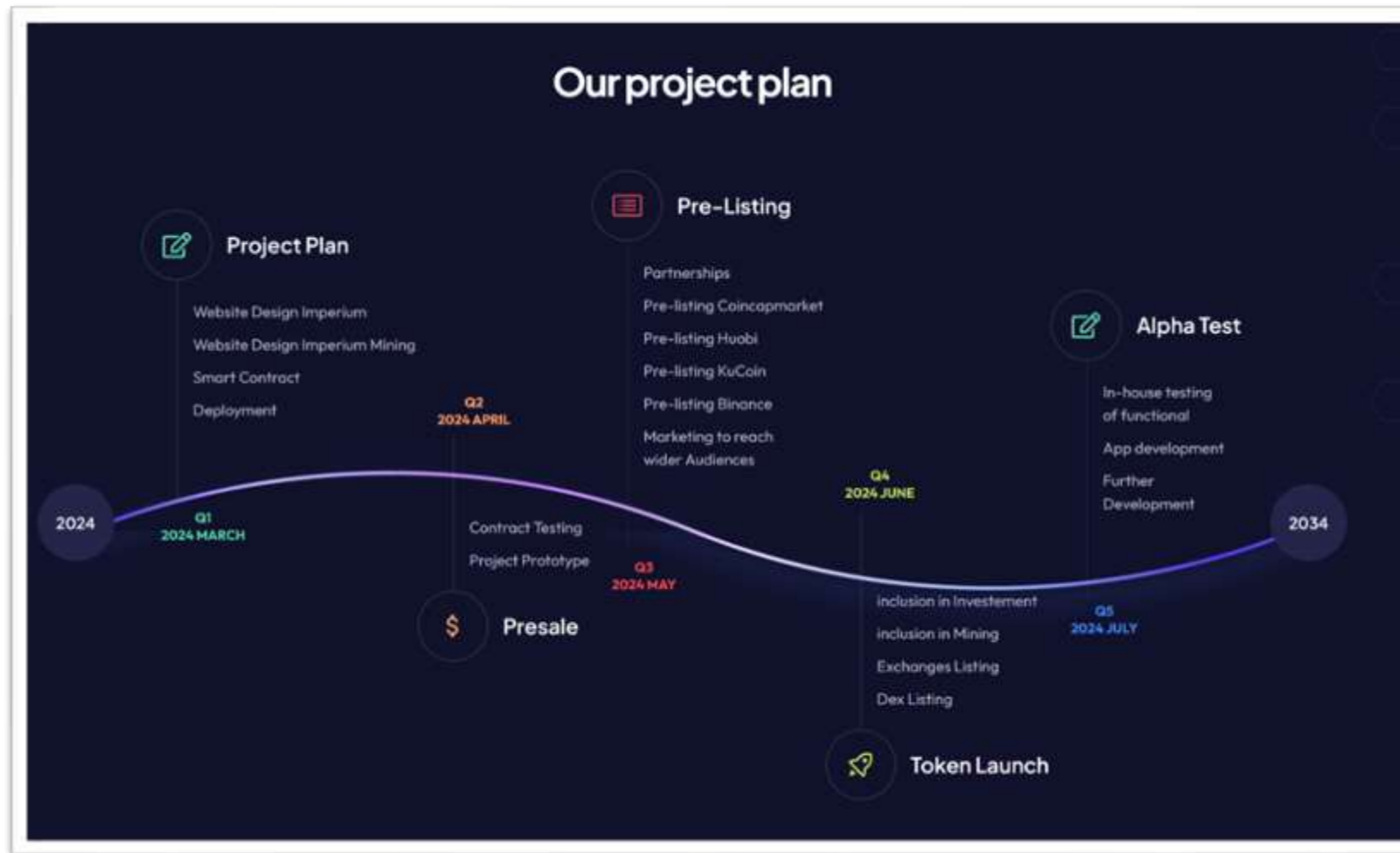
# Team Overview



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 IMPCOIN AT BLOCK NUMBER: **38433827**

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

[www.dessertswap.finance](http://www.dessertswap.finance)  
<https://t.me/dessertswap>