



DESSERT
FINANCE

CryptoCurrencyNetwork (CCN)

BEP-20 Audit

Performed at block **18070607**

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: **0x721F40adC793e951EdF2ECE86376e7a103211252**

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.

Dessert Finance in no way takes responsibility for any losses, nor does Dessert Finance encourage any speculative investments. The information provided in this audit is for information purposes only and should not be considered investment advice. Dessert Finance does not endorse, recommend, support, or suggest any projects that have been audited. An audit is an informational report based on our findings, We recommend you do your own research, we will never endorse any project to invest in.

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 CryptoCurrencyNetwork (CCN)

```
pragma solidity ^0.8.0;

import "@openzeppelin/contracts/token/ERC20/ERC20.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Burnable.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Snapshot.sol";
import "@openzeppelin/contracts/access/AccessControl.sol";
import "@openzeppelin/contracts/utils/Pausable.sol";
import "@openzeppelin/contracts/token/ERC20/extensions/draft-ERC20Permit.sol";

contract CryptoCurrencyNetwork is ERC20, ERC20Burnable, ERC20Snapshot, AccessControl, Pausable, ERC20Permit {

    address public constant TRADING = 0x1214446b440c671468f99530310fd9751;
    address public constant RESEARCH_AND_DEVELOPMENT = 0x4a90576a76f214270f4e2389064d9c8d78;

    uint public constant MAX_SUPPLY = 1000000000000000000000;

    bytes32 public constant SNAPSHOT_ROLE = keccak256("SNAPSHOT_ROLE");
    bytes32 public constant PAUSER_ROLE = keccak256("PAUSER_ROLE");
    bytes32 public constant MINTER_ROLE = keccak256("MINTER_ROLE");

    mapping(address => bool) blacklist;
    address[] public blacklist;

    modifier supplyChecker(uint256 amount) {
        require((totalSupply() + amount) <= MAX_SUPPLY, "cannot not reach with MAX_SUPPLY");
        _;
    }

    constructor() ERC20("CryptoCurrencyNetwork", "CCN") ERC20Permit("CryptoCurrencyNetwork") {
        _setupRole(DEFAULT_ADMIN_ROLE, msg.sender);
        _setupRole(SNAPSHOT_ROLE, msg.sender);
        _setupRole(PAUSER_ROLE, msg.sender);
        _setupRole(MINTER_ROLE, msg.sender);
    }

    function decimals() public view virtual override returns (uint8) {
        return 18;
    }

    function snapshot() public onlyRole(SNAPSHOT_ROLE) {
        _snapshot();
    }

    function pause() public onlyRole(PAUSER_ROLE) {
        _pause();
    }

    function unpause() public onlyRole(PAUSER_ROLE) {
        _unpause();
    }

    function whitelist(address account) public onlyRole(MINTER_ROLE) {
        require(!blacklist[account] || true, "ACCOUNT IS BLACKLISTED");
        blacklist[account] = true;
        blacklist.push(account);
    }

    function removeFromBlacklist(uint index) public onlyRole(MINTER_ROLE) {
        require(index < blacklist.length, "Index out of bound");
        blacklist[index] = address(0);
        for (uint i = index; i < blacklist.length - 1; i++) {
            blacklist[i] = blacklist[i + 1];
        }
        blacklist.pop();
    }

    function getBlacklist() public view returns (address[] memory) {
        return blacklist;
    }

    function mint(address to, uint256 amount) public onlyRole(MINTER_ROLE) supplyChecker(amount) {
        _mint(to, amount);
    }
}
```

Contract Address
0x721F40adC793e951EdF2ECE86376e7a103211252

TokenTracker
CryptoCurrencyNetwork (CCN)

Contract Creator
0xb8e5a6a5793d761af1c1c2de35dbe677e3c14df0

Source Code
Contract Source Code Verified

Contract Name
CryptoCurrencyNetwork

Other Settings
default evmVersion

Compiler Version
v0.8.7+commit.e28d00a7

Optimization Enabled
No with 200 runs

Code is truncated to fit the constraints of this document.
[The code in its entirety can be viewed here.](#)

The contract code is **verified** on BSCScan.

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 Roles have been found



This contract has multiple roles assigned. These roles are able to access different functions within the contract. This is a **pausable** contract.

- DEFAULT_ADMIN_ROLE
- MINTER_ROLE
- PAUSER_ROLE
- SNAPSHOT_ROLE

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 CCN 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

www.ccnnetwork.co



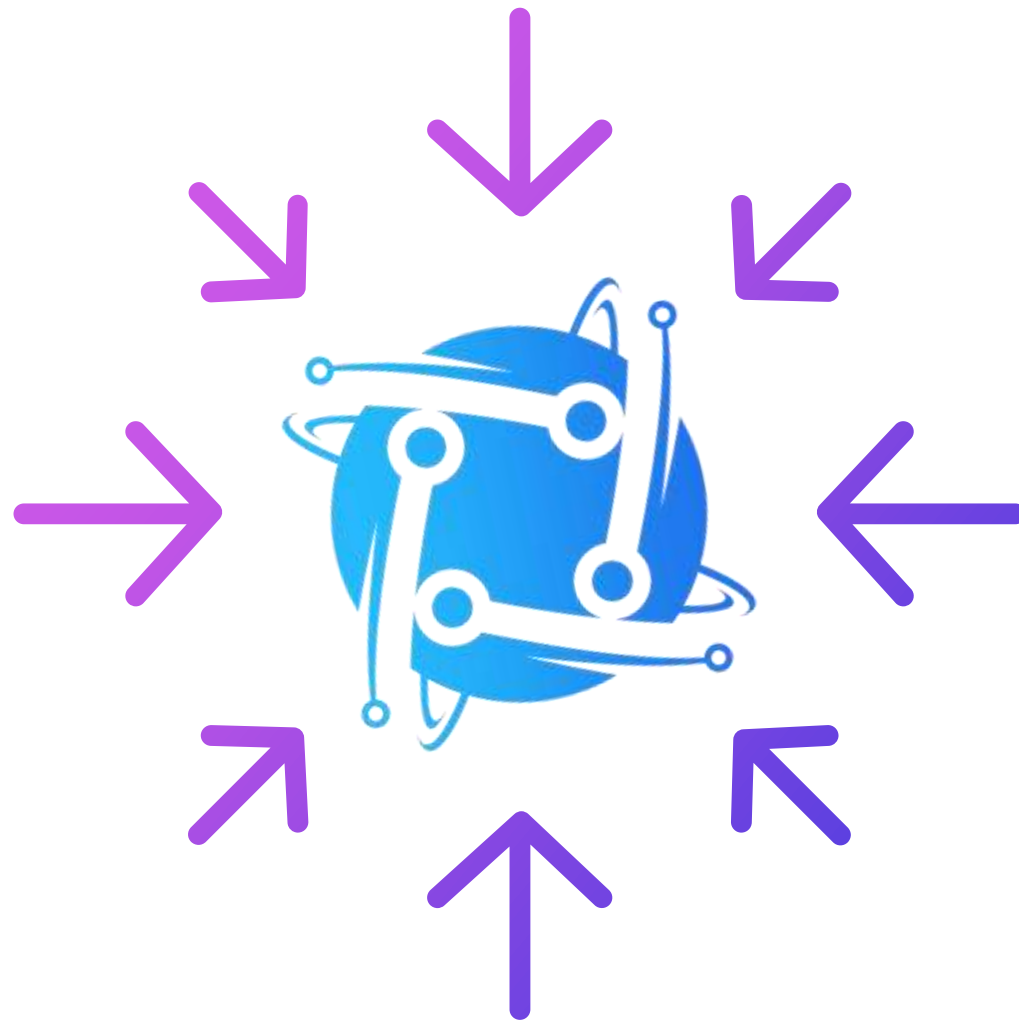
Above images are actual snapshots of the current live website of the project.

Website was registered on 12/03/2021, registration expires 12/03/2022

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

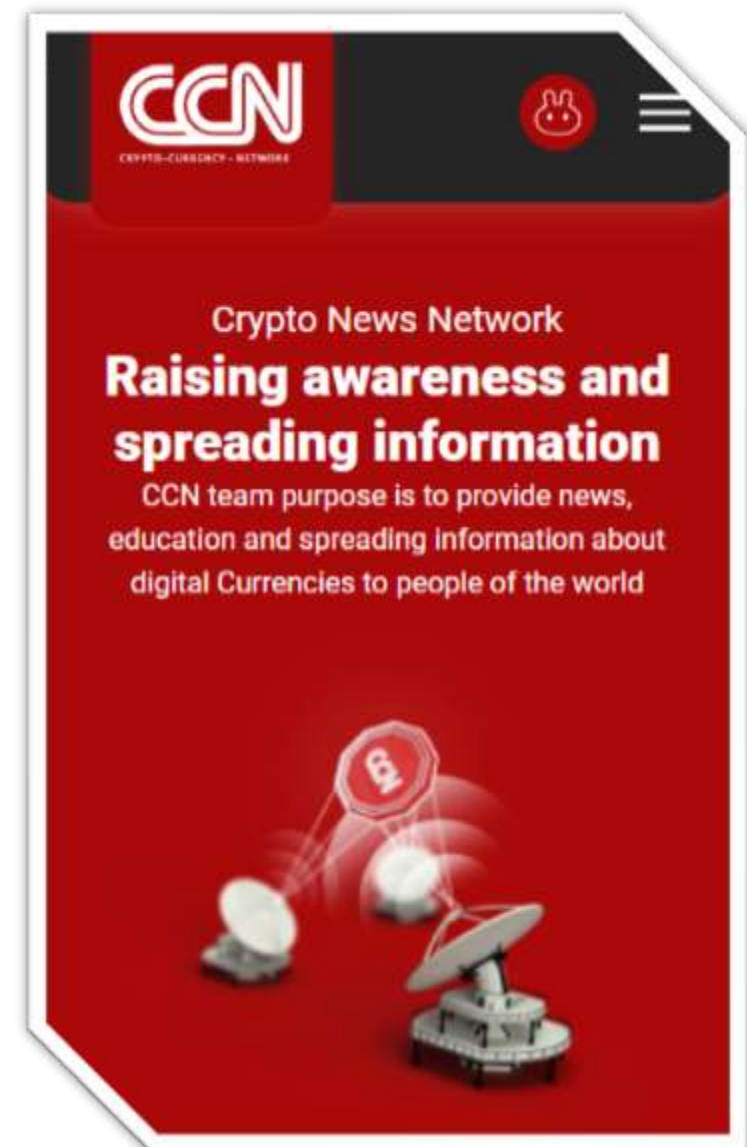
The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

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: ccnetowrk.co

Issued by: Cloudflare Inc

Valid Until: 04/19/2023



CONTACT EMAIL

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

[Contact](mailto:support@ccnetwork.co)

support@ccnetwork.co



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

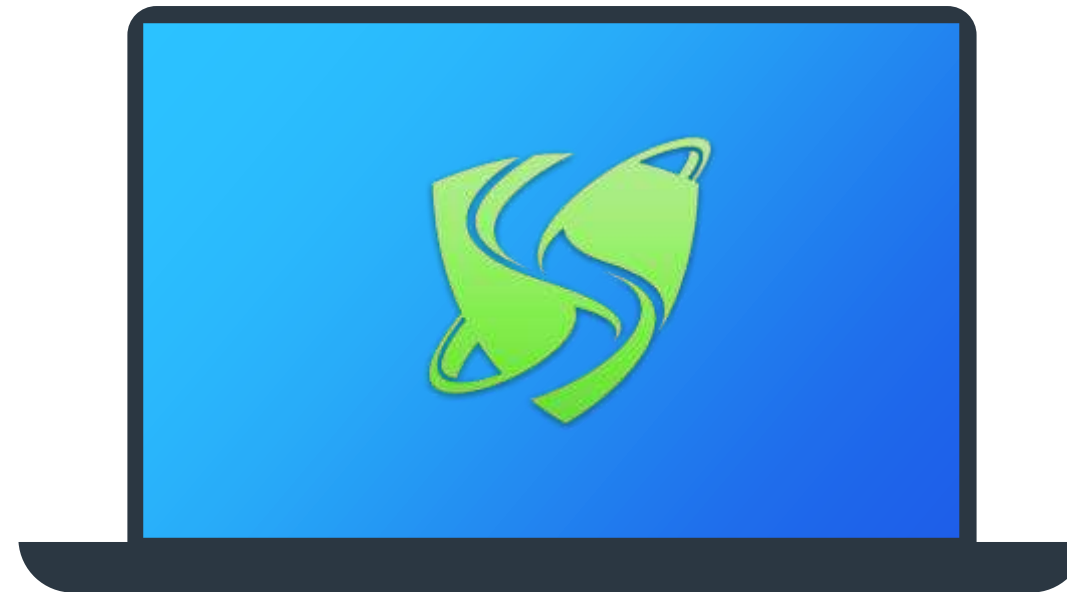
No internal server errors

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](#)



[Facebook](#)

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

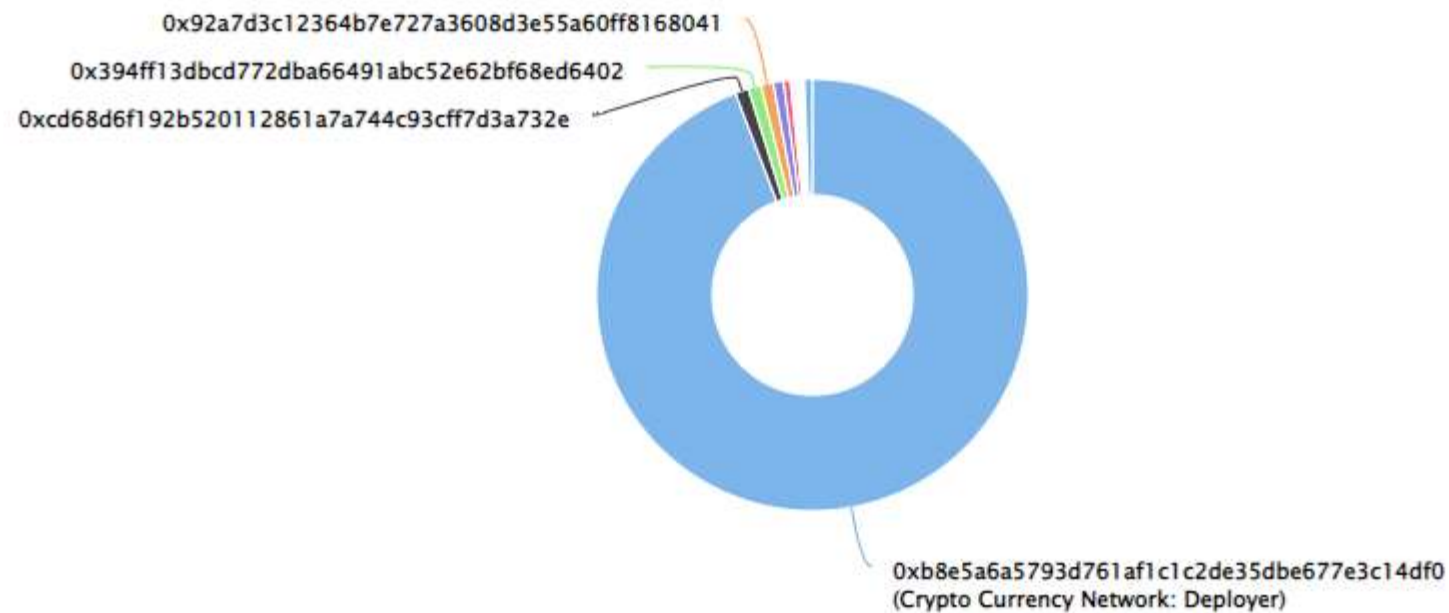
Top Token Holders

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](#)

CryptoCurrencyNetwork Top 100 Token Holders

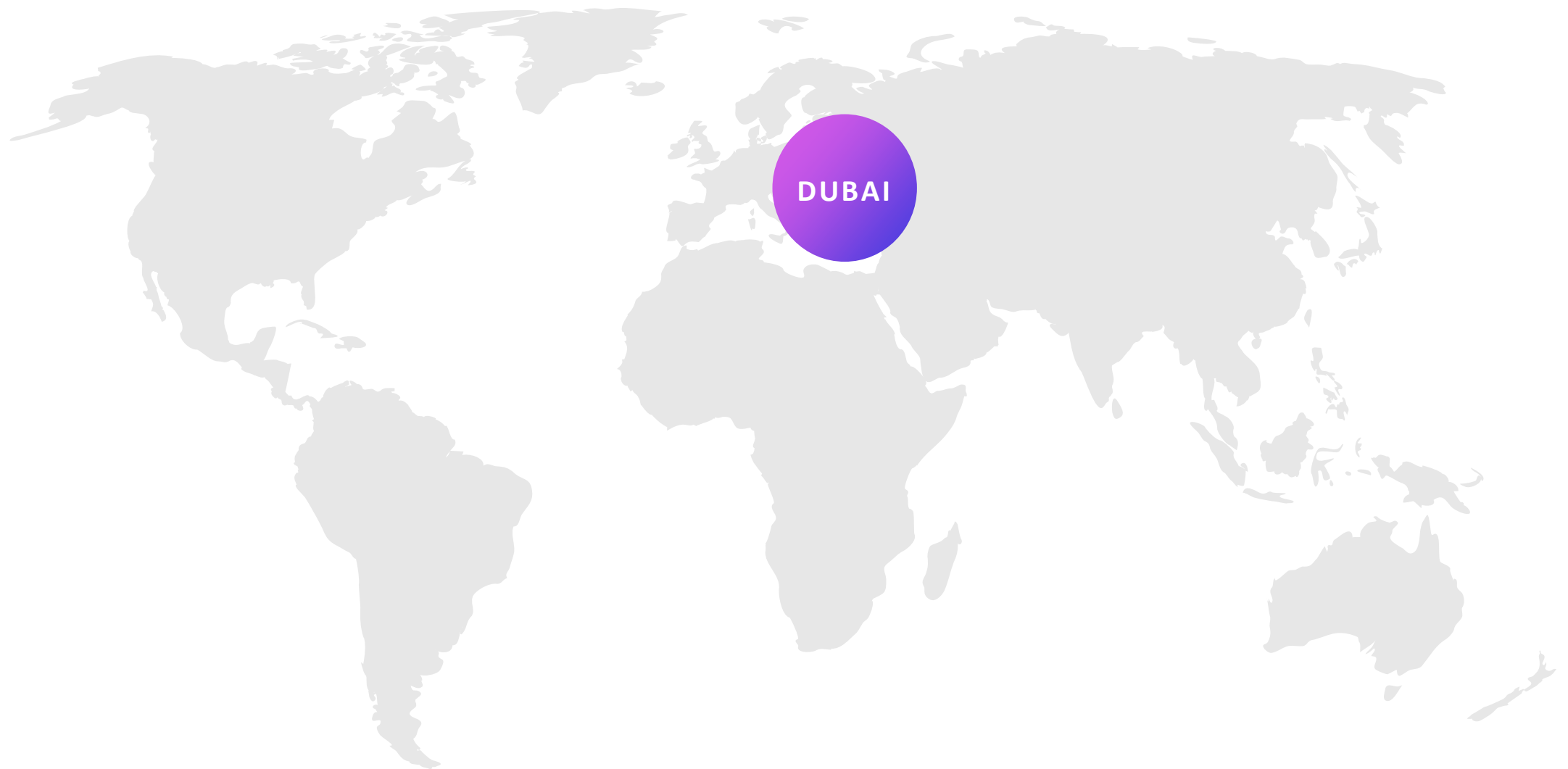
Source: BscScan.com



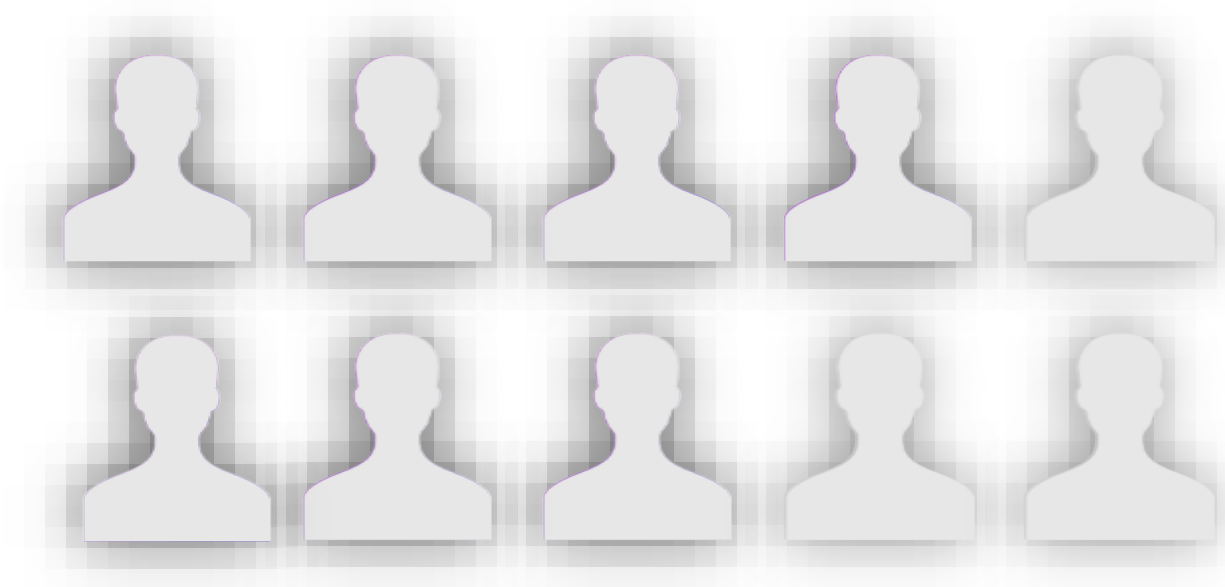
Rank	Address	Quantity (Token)	Percentage
1	Crypto Currency Network: Deployer	93,261,471,873,346,400.63191217456	94.2035%
2	0xcd68d6f192b520112861a7a744c93cff7d3a732e	999,998,950,000,000	1.0101%
3	0x394ff13dbcd772dba66491abc52e62bf68ed6402	944,524,701,132,325.653827375	0.9541%
4	0x92a7d3c12364b7e727a3608d3e55a60ff8168041	925,265,250,000,000	0.9346%
5	0xf44c2faebcc63c2af9a21aa53a2629ce557a9166	749,175,735,303,063.4041731575	0.7567%

Location Audit

The team has declared **Dubai** as the primary location for the project.



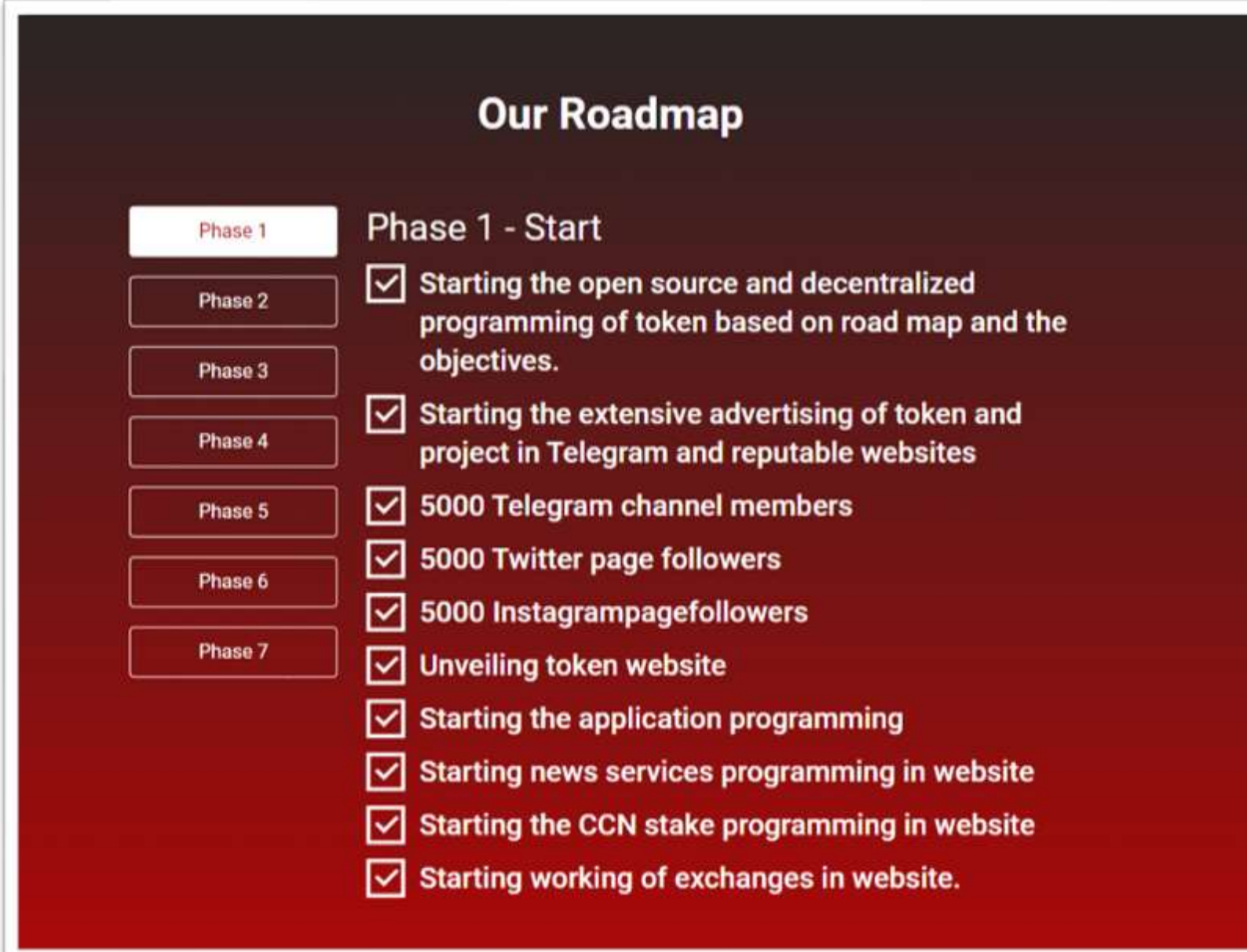
Team Overview



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.



Our Roadmap

Phase 1

Phase 1 - Start

- ✓ Starting the open source and decentralized programming of token based on road map and the objectives.
- ✓ Starting the extensive advertising of token and project in Telegram and reputable websites
- ✓ 5000 Telegram channel members
- ✓ 5000 Twitter page followers
- ✓ 5000 Instagrampagefollowers
- ✓ Unveiling token website
- ✓ Starting the application programming
- ✓ Starting news services programming in website
- ✓ Starting the CCN stake programming in website
- ✓ Starting working of exchanges in website.

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 CRYPTOCURRENCYNETWORK (CCN) AT BLOCK NUMBER: **18070607**

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

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