



Cyberscope

Audit Report

Ecobonus

July 2023

Network Eth Goerli

Address 0x25dA8C7DD71e185Cef6b599E0BE1138E0a9C640f

Audited by © cyberscope

Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

Table of Contents

Analysis	1
Table of Contents	2
Review	3
Audit Updates	3
Source Files	3
Findings Breakdown	5
Functions Analysis	6
Inheritance Graph	7
Flow Graph	8
Summary	9
Disclaimer	10
About Cyberscope	11

Review

Contract Name	EcoBonus
Compiler Version	v0.8.10+commit.fc410830
Optimization	200 runs
Explorer	https://goerli.etherscan.io/address/0x25da8c7dd71e185cef6b599e0be1138e0a9c640f
Address	0x25da8c7dd71e185cef6b599e0be1138e0a9c640f
Network	GOERLI
Symbol	ECB
Decimals	18
Total Supply	7,900,000,000

Audit Updates

Initial Audit	17 Jul 2023 https://github.com/cyberscope-io/audits/blob/main/ecb/v1/audit.pdf
Corrected Phase 2	19 Jul 2023

Source Files

Filename	SHA256
EcoBonus.sol	98ae92c23781765dc2d0b91934f3f732c635fa109fb0c799d32aaedeca04f830

@openzeppelin/contracts/utils/Context.sol	1458c260d010a08e4c20a4a517882259a2 3a4baa0b5bd9add9fb6d6a1549814a
@openzeppelin/contracts/token/ERC20/IERC20.sol	7ebde70853cca9cf1876900dad458f46eb9 444d591d39bfc58e952e2582f5587
@openzeppelin/contracts/token/ERC20/ERC20.sol	d20d52b4be98738b8aa52b5bb0f88943f6 2128969b33d654fbca731539a7fe0a
@openzeppelin/contracts/token/ERC20/extensions /IERC20Metadata.sol	af5c8a77965cc82c33b7ff844deb9826166 689e55dc037a7f2f790d057811990
@openzeppelin/contracts/access/Ownable.sol	a8e4e1ae19d9bd3e8b0a6d46577eec098c 01fbaffd3ec1252fd20d799e73393b

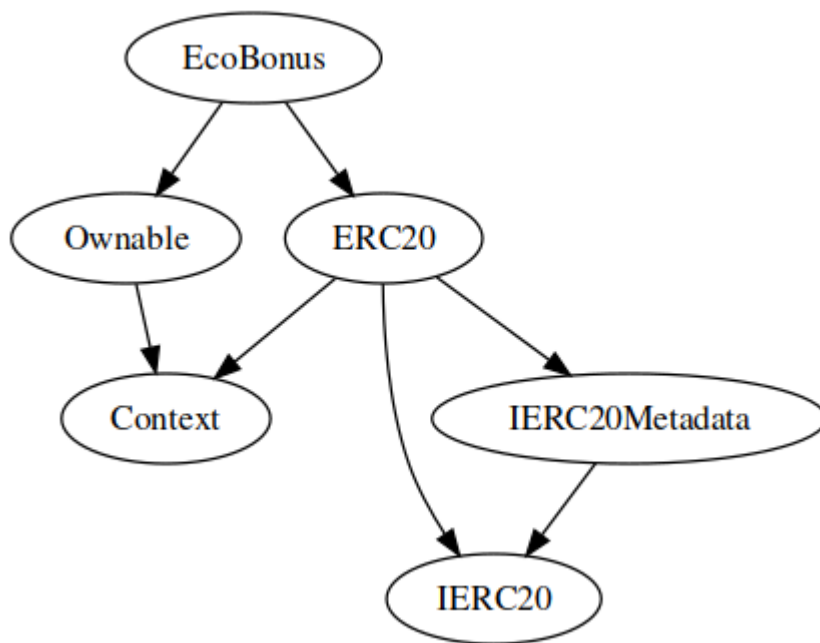
Findings Breakdown

Severity		Unresolved	Acknowledged	Resolved	Other
●	Critical	0	0	0	0
●	Medium	0	0	0	0
●	Minor / Informative	0	0	0	0

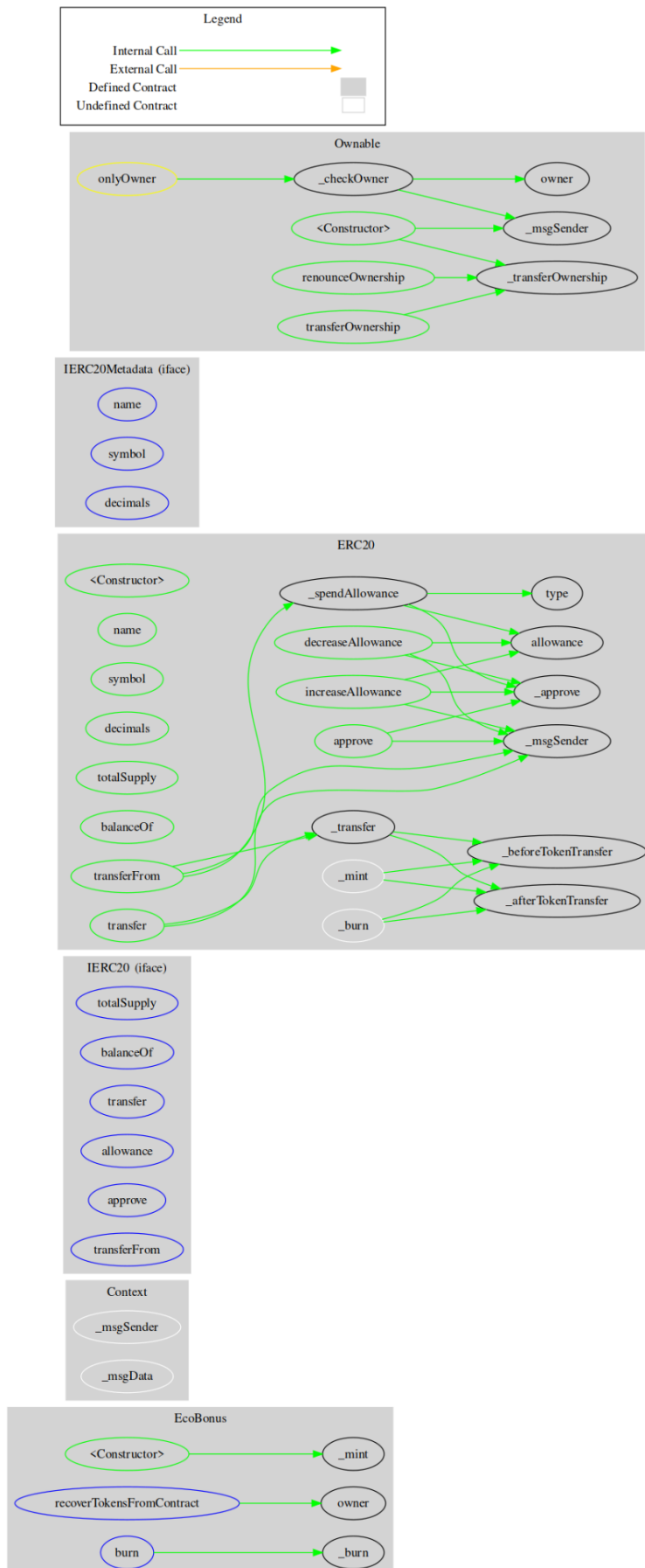
Functions Analysis

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
EcoBonus	Implementation	Ownable, ERC20		
		Public	✓	ERC20
	recoverTokensFromContract	External	✓	onlyOwner
	burn	External	✓	-

Inheritance Graph



Flow Graph



Summary

Ecobonus contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Ecobonus is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions.

Disclaimer

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

<https://www.cyberscope.io>