

Project Audit



Project:
TruBadger

December 21, 2021



TruBadger

+

TruBadger



Overview

This audit has been prepared for **TruBadger** to review the main aspects of the project to help investors make make an informative decision in the research process.

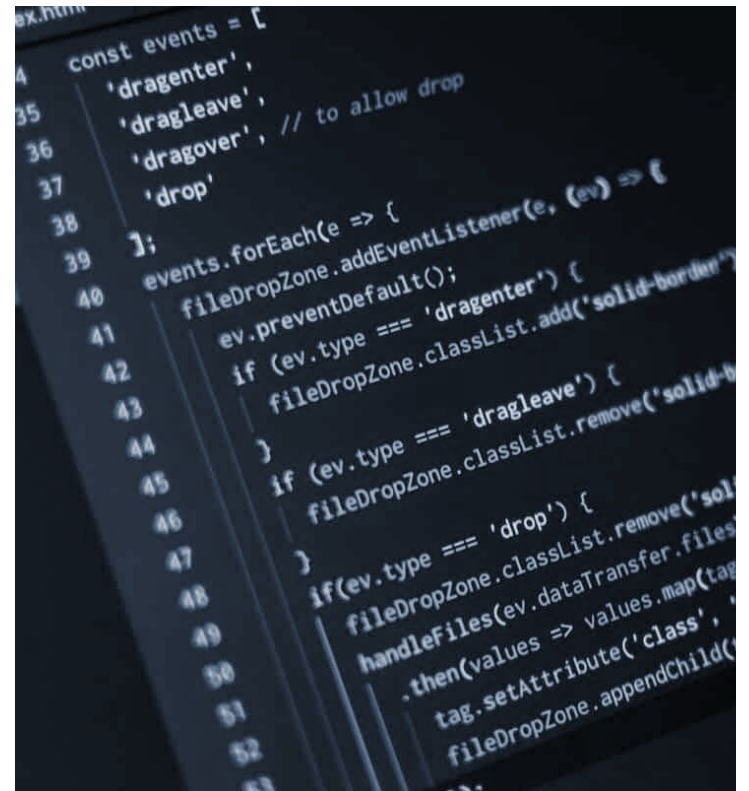
You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



“The results of this audit are purely based on the team’s evaluation and does not guarantee nor reflect the projects outcome and goal”
– SpyWolf Team

Smart Contract Summary

Contract Name	TruBadger
Ticker	TRUBGR
Contract	0xc003f5193cabe3a6cbb56948dfeaae2276a6aa5e
Network	Binance Smart Chain
Language	Solidity
Tax	Liquidity Fee: 7% Tax Fee: 3%
Total Supply	1,000,000,000,000,000 tokens
Contract Type	Reward Token
Status	Launched

Burn	210,140,716,893,968 (21%)
Total Fee tokens	28,613,781,153,078
LP Address	0x884d426e3ca7c48eb6ce8fab02f562b10cd7fd8d
Liquidity	5009 BNB / 73,372,104,451,454 TRUBGR (89% locked)

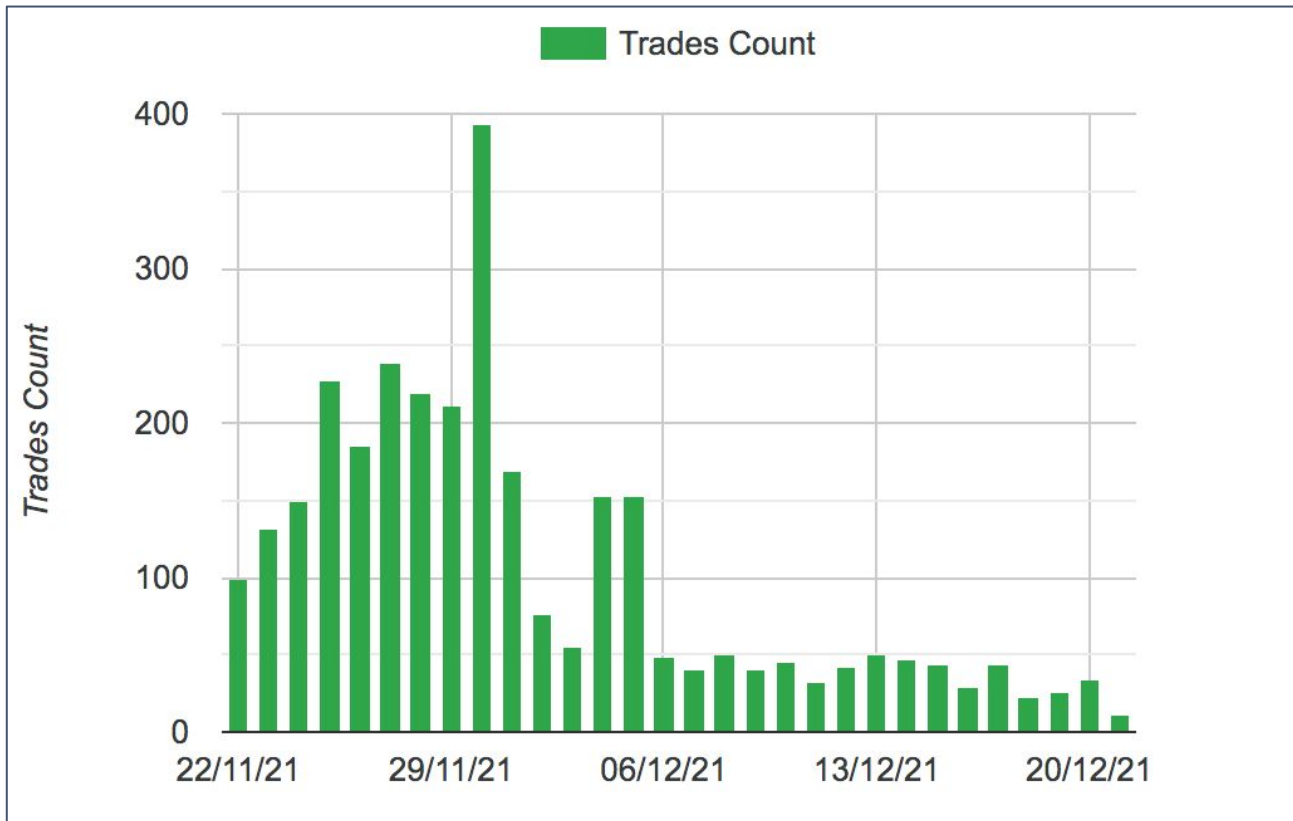
Smart Contract Statistics

Transfer Count	33030
Uniq Senders	4135
Uniq Receivers	11399
Total Amount	4442223448013988.5 TRUBGR
Median Transfer Amount	2027801100.6114993 TRUBGR
Average Transfer Amount	134490567605.63089 TRUBGR
First transfer date	2021-06-11
Last transfer date	2021-12-21 (today)
Days token transferred	194

Activity Trades (Past Month)

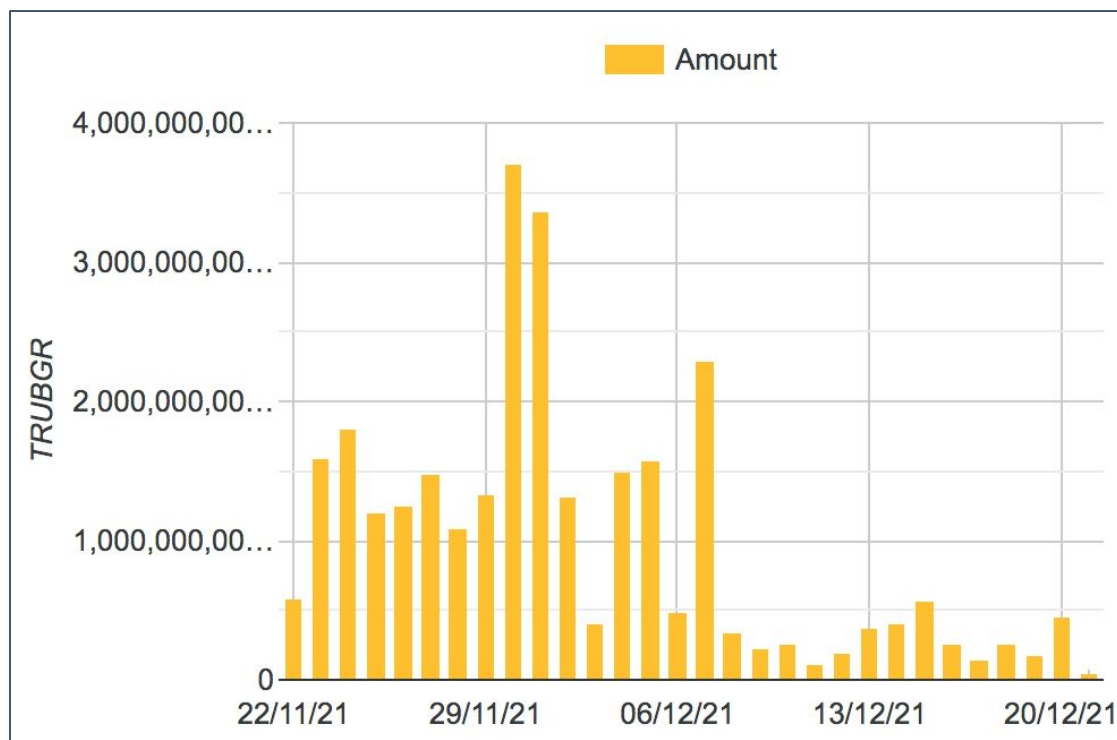
Max trades count

Nov 30th, 394 trades



Max amount traded

Nov 30th, 3,702,613,202,132 TRUBGR



Featured Wallets

Owner Address	0xf4449fE4B936Db777aA89c153d6a0E18F78a6Cb5
LP token address	0x884d426e3ca7c48eb6ce8fab02f562b10cd7fd8d
devFeeAddress	0x4bAF70b326367773e138f00cad8864b395901B35
MarketingAddress	0xf8aa01af542bed1d8077fdb13b968fa393b868fa

Top 3 Unlocked Wallets

Wallet 1 (1.52%)	0x7903b544da79da41004d1eb5bfeb9b26251bff50
Wallet 2 (1.04%)	0xc86cd87204301cca76e1e079ae0fa35fe70a2fab
Wallet 3 (1.02%)	0x6d16cfe28a74f1b400bc90b808237309c7fab379

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Security Threats (Low Risk)

Owner and operator role can exclude accounts from receiving rewards

```
function excludeFromReward(address account) public onlyOperator() {
    require(!_isExcluded[account], "Account is already excluded");
    if(_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}
```

Owner can exclude accounts from paying fee

```
function excludeFromFee(address account) public onlyAdmin {
    _isExcludedFromFee[account] = true;
}
```

Owner can modify max transaction amount

```
function setMaxTxAmount(uint256 amount) public onlyAdmin{
    _maxTxAmount = amount;
}
```

Owner can modify tax and liquidity fee

```
function setTaxFeePercent(uint256 taxFee) external onlyAdmin() {
    _taxFee = taxFee;
}

function setLiquidityFeePercent(uint256 liquidityFee) external onlyAdmin() {
    _liquidityFee = liquidityFee;
}
```

TruBadger Project & Team Review

Token Utility

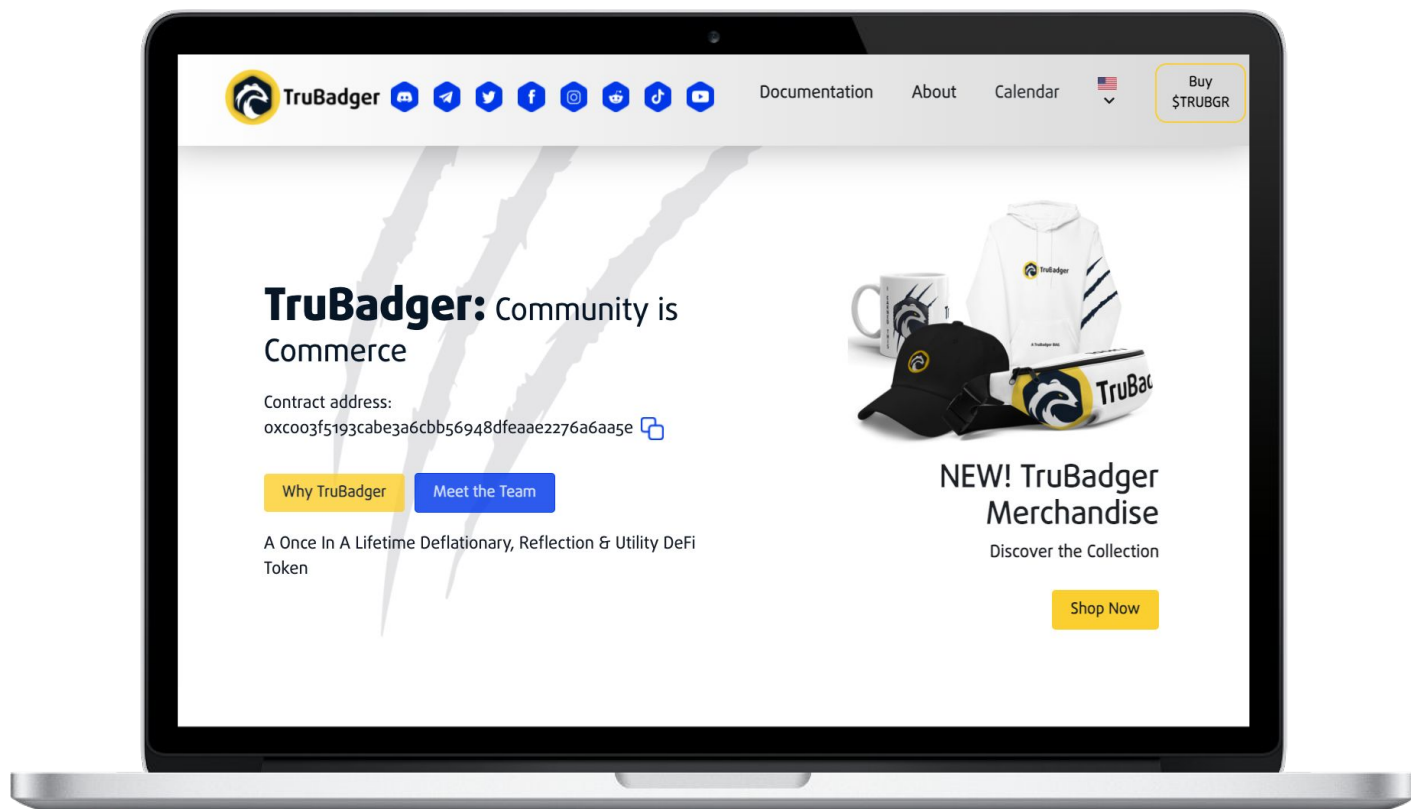
- Reflection (3%)
- Deflationary (1%)
- Coin Stability funds permanently Designated to LP (4%)
- Marketing and Innovation Fund (2%)
- Creating long term value for token holders
- Used as commerce on future TruBadger products
- To identify and grant governance rights once implemented

Team

- Team is fully doxxed ✓
- The team has released multiple tokens ✓
- The team has been active in crypto for more than 9 months ✓

Website Analysis

- **Design:** Simple with a cohesive color scheme. Easy to navigate.
- **Content:** Content is well written with no grammar errors.
- **Whitepaper:** Well written and it matches the rest of the content and numbers.
- **Roadmap:** Shows detailed information.
- **Mobile-friendly?** Yes, tested on multiple devices.
- **Technical:** SSL certificate present. General SEO check passed.

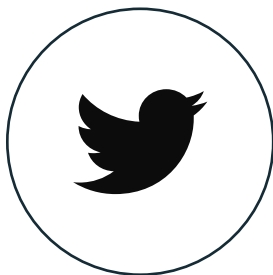


Social Media & Online Presence



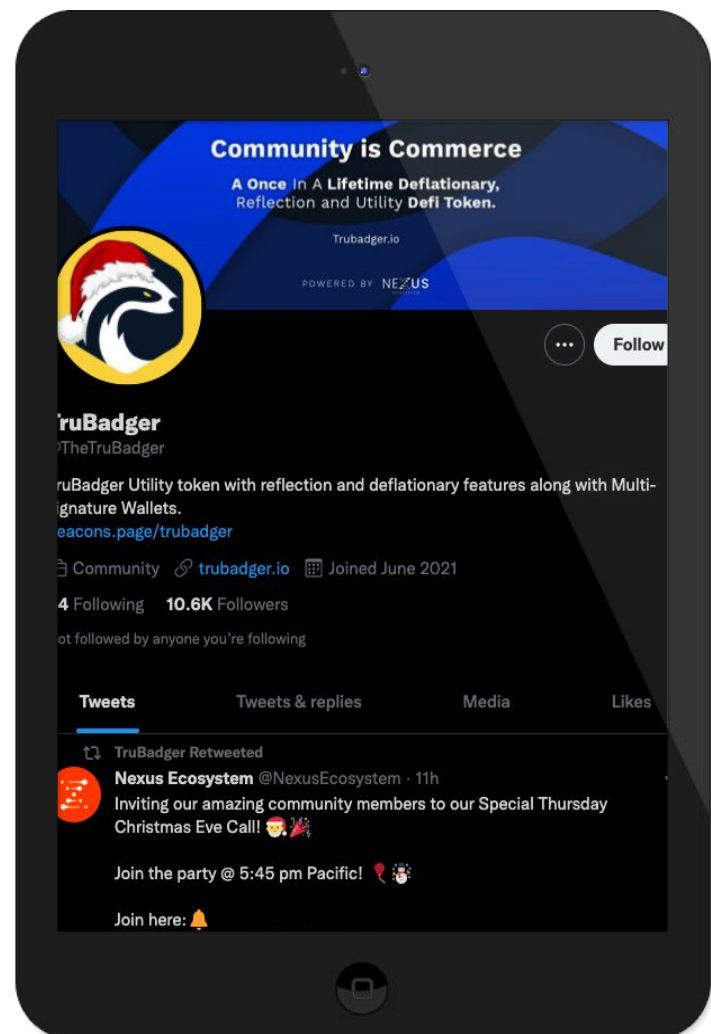
Telegram

- 7 016 members
- Old account ✓
- Active devs & mods ✓



Twitter

- 10.6K Followers
- Old account ✓
- Very active ✓

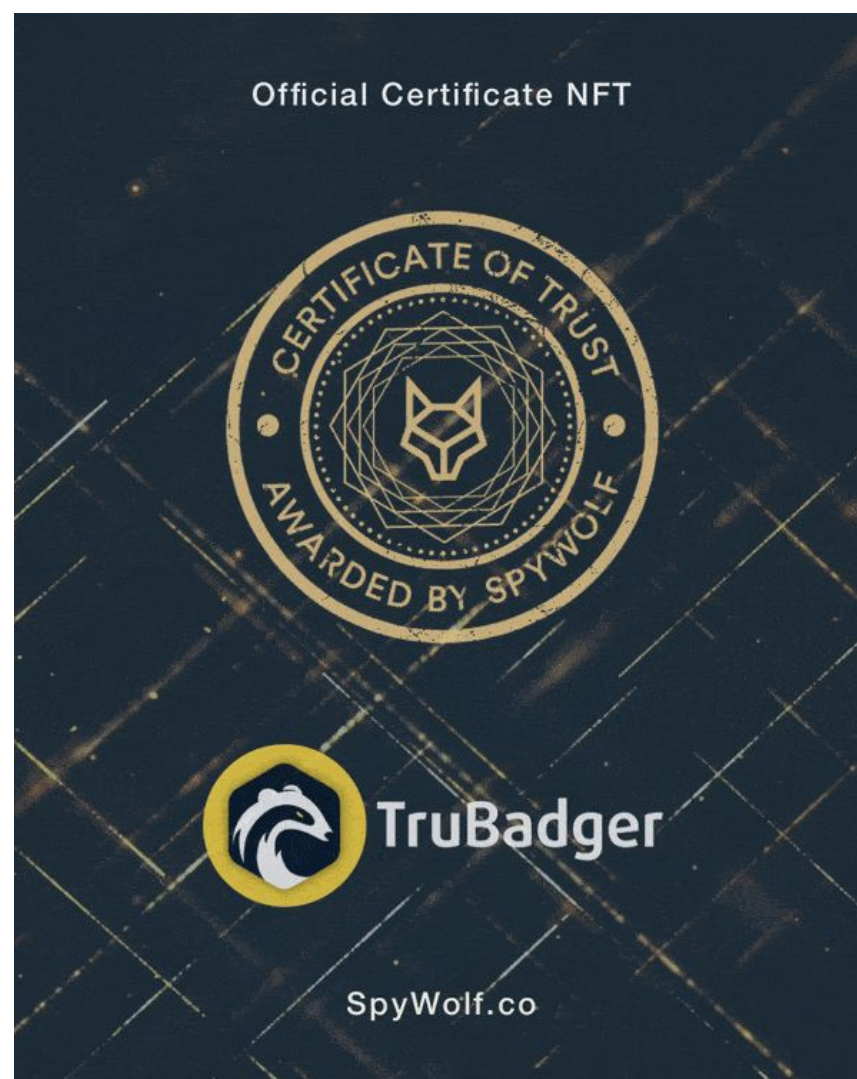


★ "Certificate of Trust" Award ★

We have awarded the team at **TruBadger** our "Certificate of Trust" NFT for passing our full analysis and being a low-risk project!

Check out the NFT:

<https://opensea.io/assets/matic/0x2953399124f0cbb46d2cbacd8a89cf0599974963/99844844277068474025626073867816441448450620712689519536016720662748576350209/>



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space.

Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: SpyWolf.co
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.