



SPYWOLF

Security Audit Report



Completed on
November 21, 2022

MADE IN USA 

@SPYWOLFNETWORK



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OVERVIEW

This audit has been prepared for **Germany Fan Token** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

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 -

”





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Germany Fan Token



NATIONAL FAN TOKEN

PROJECT DESCRIPTION

According to their whitepaper:

Germany Fan Token is reflection token, which pays dividends on holders in form of \$GER. For each holder, depending on his share of tokens , there will be special offers for merch and tickets for all matches of the national team!

Release Date: Presale starts in November, 2022

Category: Fan token / Meme coin



CONTRACT INFO

Token Name

Germany Football Fan Token

Symbol

GER

Contract Address

0xecabe0d24fd424066a6a7b65f03c8faf9eb9e18a

Network

Binance Smart Chain

Language

Solidity

Deployment Date

Nov 21, 2022

Verified?

Yes

Total Supply

10,000,000

Status

Not launched

TAXES

Buy Tax

1%

Sell Tax

2%

*Taxes cannot be changed in future



Our Contract Review Process

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.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of November 21, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	10000000 GER
Median Transfer Amount	10000000 GER
Average Transfer Amount	10000000 GER
First transfer date	2022-11-21
Last transfer date	2022-11-21
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2022-11-21 20:13:26 UTC
Created	2022-11-21 20:13:26 UTC
Create TX	0xb334c807b2e3a8b2ecca41d4fa0cd200d93c95e05d9d27771cbf2c602cd501c7
Creator	0x5c713ad7f1f1241066b3669d4ad633b0ebeb8676



FEATURED WALLETS

Owner address	0x5c713ad7f1f1241066b3669d4ad633b0eb8676
Reward pool	0x011e16a917e41810593793bc00e916f2a3885e9d
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS



*Tokens are not distributed yet



VULNERABILITY CHECK

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
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



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



Informational

Owner can exclude address from fees.

```
function excludeFromRewardPoolFee(address account) public onlyOwner {
    _isExcludedFromRewardPoolFee[account] = true;
}

function includeInRewardPoolFee(address account) public onlyOwner {
    _isExcludedFromRewardPoolFee[account] = false;
}
```

Owner can exclude address from reflections.

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



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

PROJECT NAME

GOOD PRACTICES FOUND

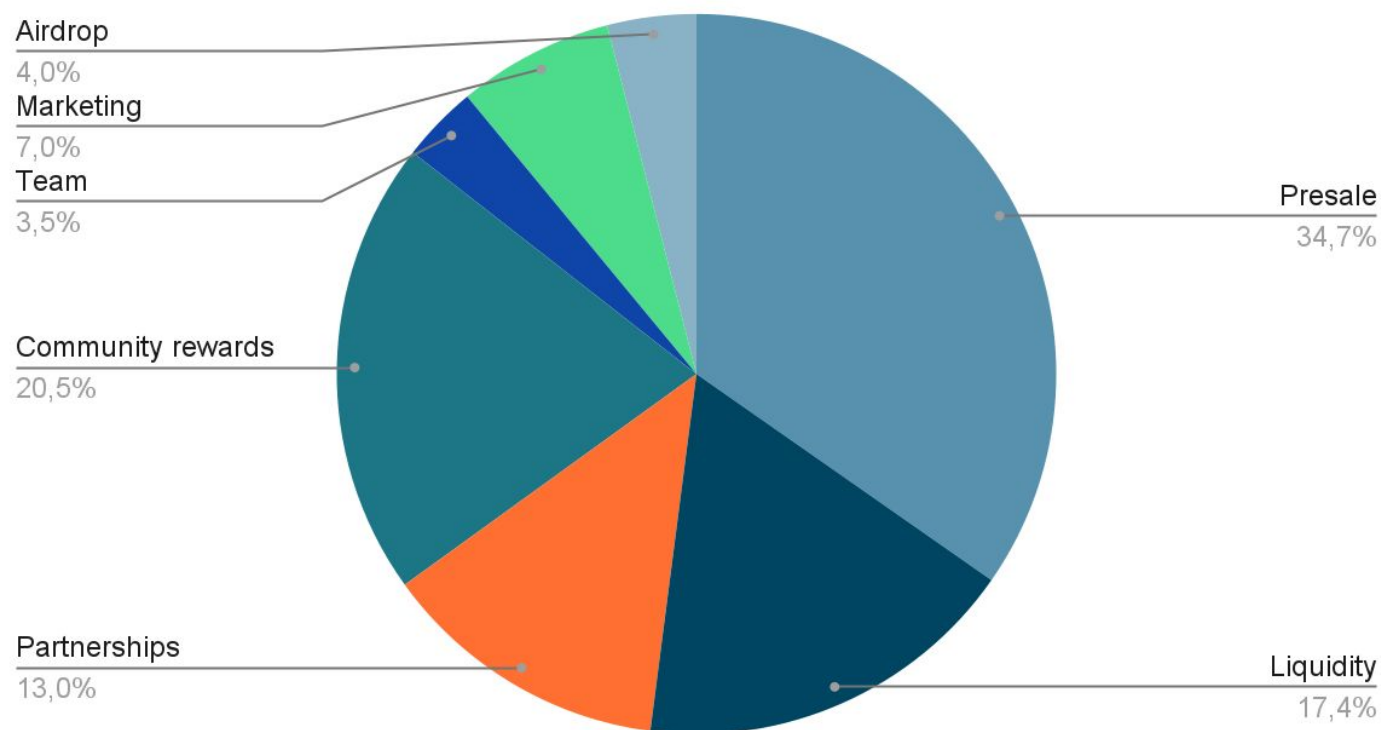
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 34.7% - Presale
- 17.35% - Liquidity
- 13% - Partnerships*
- 3.45% - Team*
- 20.5% - Community rewards*
- 7% - Marketing*
- 4% - Airdrop*

Tokens distribution



*Locked tokens - for more information check the project's whitepaper:

<https://german-fan-token.gitbook.io/german-national-fan-token/usdger-tokenomics/token-metrics>

TOKENOMICS



THE TEAM

! The team is
anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://www.germanyfantoken.com>

Domain Registry

<https://www.hostinger.com>

Domain Expiration

Expires on 2023-10-22

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
with nice graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper

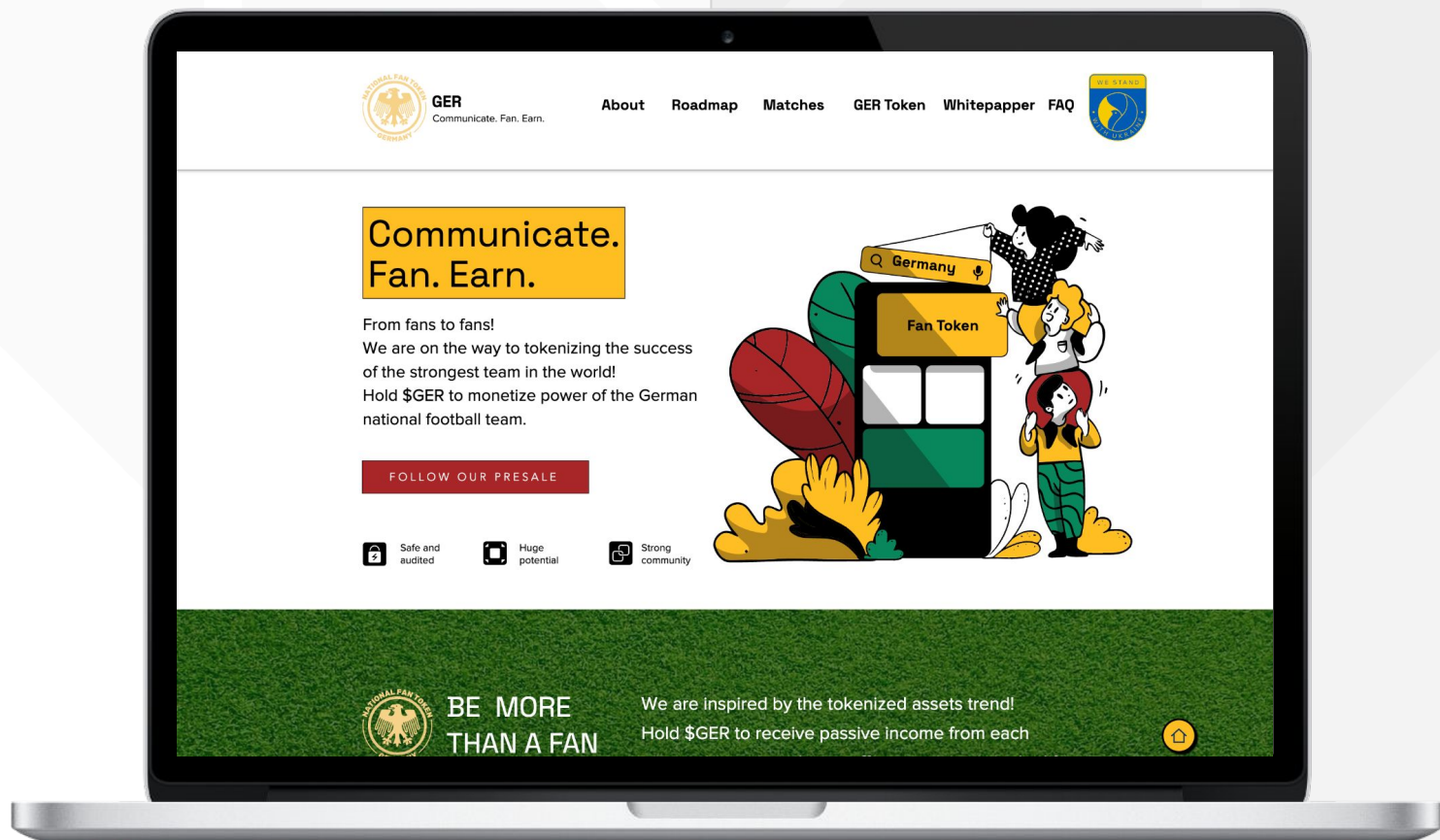
Well written, explanatory.

Roadmap

Yes, goals set at 5 phases
with time frames

Mobile-friendly?

No



germanyfantoken.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media activity is concentrated in twitter



Twitter

@fantokengermany

- 2 597 followers
- Active
- Posts frequently



Discord

- Not available



Telegram

@fantokenGermany

- 5 576 members
- Channel,
- All posts are made in the course of 2 days ⚠️
- No chat ⚠️



Medium

- Not available



SPYWOLF

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Contract Development

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We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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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.