

**Name of project and Project URL on IdeaScale/Fund:**

[Lenfi V2 Aiken Audit + Bug Bounty Finalisation Report](#)

**Your Project Number:**

1000102

**Name of project manager:**

Lukas Armonas

**Date project started:**

October 8, 2023

**Date project completed:**

October 11, 2024

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**List of challenge KPIs and how the project addressed them:**

**1. Challenge KPI 1:**

*Goal:* Open-source the smart contracts written in Aiken.

*How Addressed:* We achieved this early in the process by making our V2 code public, which enhanced transparency and allowed developers to review and collaborate.

**2. Challenge KPI 2:**

*Goal:* Perform an audit to ensure the security and functionality of Lenfi's V2 contracts.

*How Addressed:* We conducted two audits, first with Anastasia Labs and later with TxPipe, ensuring no critical issues in our smart contracts.

**3. Challenge KPI 3:**

*Goal:* Run a bug bounty program to further test the system.

*How Addressed:* A 6-month Bug Bounty program was completed with no major issues reported, demonstrating the robustness of our platform.

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**List of project KPIs and how the project addressed them:**

**1. Project KPI 1: On-time delivery of the audit**

We fast-tracked the audit by initiating it with personal funds ahead of Catalyst funding approval, ensuring no delays.

## **2. Project KPI 2: Issue identification and resolution**

Several logic and security issues were identified and swiftly addressed by our development team after the first audit report.

## **3. Project KPI 3: Completion of the Bug Bounty program**

We successfully launched and completed the Bug Bounty program with no critical vulnerabilities found, showcasing the platform's security.

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### **Key achievements (in particular around collaboration and engagement):**

- Open-sourced Lenfi V2 Aiken code early, encouraging community engagement.
- Completed two comprehensive audits (Anastasia Labs and TxPipe).
- Ran a successful Bug Bounty program without any major findings, further validating the security of our smart contracts.
- Continuous updates to the community through Medium articles, tweets, and YouTube videos.

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### **Key learnings:**

- The importance of conducting multiple audits to ensure the highest security standards.
- Collaborating with external developers and the broader Cardano community leads to better results and increased trust in the platform.
- A proactive approach to auditing and bug bounties significantly reduces potential security risks.

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### **Next steps for the product or service developed:**

- Continuous monitoring and further external audits of future updates.
- Expansion of the Lenfi platform with additional features, maintaining the same security standards.
- Ongoing community engagement to improve user experience and functionality.

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### **Final thoughts/comments:**

We are proud of the work accomplished and grateful for the support of the Catalyst program. The successful completion of our audits and Bug Bounty program provides a strong foundation for future growth and innovation.

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### Links to other relevant project sources or documents:

- Link to audit report:  
<https://github.com/lenfiLabs/materials/blob/main/anastasiaLabs-audit-final.pdf>
  - Link to the Twitter (X) link + Medium article announcing that the Bug Bounty program has started and inviting developers to participate:  
<https://twitter.com/LenfiOfficial/status/1755568792896197031> ;  
<https://medium.com/@lenfi/lenfi-v2-to-begin-community-driven-bug-bounty-program-now-c2d312203df2>
  - Medium Article on Bug Bounty Finish :  
<https://medium.com/@lenfi/lenfi-successfully-concludes-its-bug-bounty-program-e317df3967b2>
  - Second audit completed by TxPipe:  
<https://github.com/lenfiLabs/materials/blob/main/txpipe-audit.pdf>
  - Link to Open-Sourced Lenfi Code: <https://github.com/lenfiLabs/lenfi-smart-contracts>
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### Link to Close-out video:

 **Lenfi V2: Audit & Bug Bounty Success | Catalyst Fund 10**  
<https://www.youtube.com/watch?v=T6vM4h4f52o&feature=youtu.be>