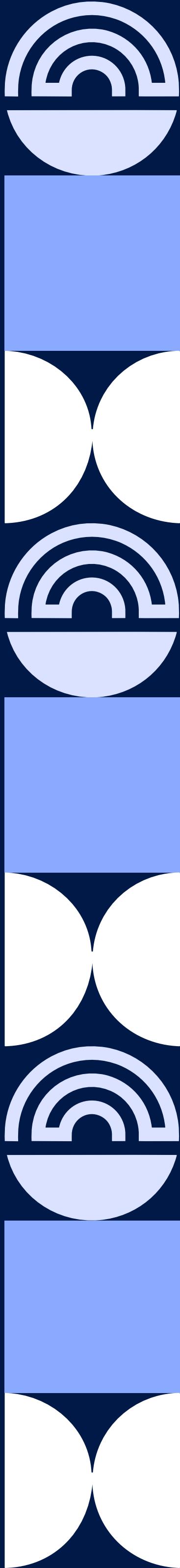




minswap

# 50 Catalyst Proposal List



# Introduction

This is the second time the Minswap DAO will be voting on Catalyst with the ADA in its Liquidity Pools. The same process will be followed for this current Fund 11 as it was used for Fund 10. You can see the document and procedures followed for Fund 10 in the previous report [here](#).

A group consisting of Minswap community managers and Cardano community volunteers collaborated to filter the current 700+ proposals down to the more manageable number of **50 proposals**.

This group of volunteers had to balance the interests of the projects providing and incentivizing Liquidity on Minswap, the Minswap protocol, and the Cardano (mainly DeFi) ecosystem as a whole.

# Guidelines

1. Inclusion of Minswap Labs Proposals: Minswap Labs is the development company that built and actively develops the Minswap DEX. We assume Minswap Liquidity Providers, as some of the active users of the platform, are interested in these proposals. (No Minswap Labs Proposals were available in Fund 11).
2. Prioritization of Liquidity Partners on Minswap: large projects providing and incentivizing their own Liquidity on Minswap such as: Lenfi, Indigo, Ape Society, Iagon, Fluid Tokens, etc.
3. Prioritization of Proposals that will significantly impact and improve Cardano developer tooling.
4. Prioritization of Proposals which will be open sourced.
5. Prioritization of Proposals from teams with a history of delivering valuable tools for the Cardano community. Preferably teams who were previously funded on Catalyst, or that have delivered projects which are widely used by the community currently.
6. The Minswap LP ADA will be voting on all of the 3 categories:
  - **Cardano Use Cases:** concept, product, solution;
  - **Cardano Open:** developers, ecosystem;
  - **Catalyst System Improvements:** discovery, development.
7. Other common themes across the proposals include the need for audits and bug bounties, the goal of increasing DeFi usage on Cardano, the desire to strengthen liquidity in the ecosystem, empowering Cardano developers with open-source tools, and upgrading contracts for efficiency and functionality.

# Filtering Procedure explained

The filtering approach followed three steps:

- 1. Stage 1 - Coarse Rejection:** Proposals were grouped together and summarized by a large language model. Groups of proposals were either rejected or accepted as follows: 2 people were randomly assigned to each group, and the goal was to evaluate the group of proposals where an accept means all are accepted and reject means all are rejected. If the two reviewers had a difference of opinion on accept or reject, a third reviewer was assigned. This helped to quickly remove large groups of proposals without having to look too closely at them.
- 2. Stage 2 - Specific Rejection:** All the proposals that passed through Stage 1, are taken, and decisions were made to reject proposals that clearly do not fit the criteria. As with the first round, two reviewers were assigned to each proposal. Ties for individual proposals were broken by a third reviewer.
- 3. Stage 3 - Specific Selection:** Of the remaining proposals, each reviewer picked 20 proposals that both fit the criteria and were of interest to the reviewer. Each selection gave a proposal a point, and points were tallied once all reviewers made a selection.

## Data on Proposals Selected

Number of Proposals: 50

- **Cardano Use Cases:** concept, product, solution (22);
- **Cardano Open:** developers, ecosystem (27);
- **Catalyst System Improvements:** discovery, development (1).

Within those Categories, the distribution per subcategory was:

- **Cardano Use Cases:** Concept (6);
- **Cardano Use Cases:** Product (6);
- **Cardano Use Cases:** Solution (10);
- **Cardano Open:** Developers (25);
- **Cardano Open:** Ecosystem (2);
- **Catalyst Systems Improvements:** Discovery (1).

Below, you can find each of the Proposals selected for the List. \$MIN Holders will select the top 20 Proposals on this List to be upvoted on Catalyst with Minswap LP \$ADA.

You can also find the Problem statement of each Proposal, a link to their full Proposal on Ideascale, the requested amount, and the scores obtained in 3 different areas through Catalyst Assessment.

# Proposal Selection

## F11: Cardano Use Cases: Concept

1	
Proposal Title	Optim Finance Vaults - DeFi Building Blocks for Cardano.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113945">https://cardano.ideascale.com/c/idea/113945</a>
Solution	Optim Vaults provide an on-chain tranche structure that enables users to deposit CNTs and structure junior and senior tranches, deposit and withdraw windows, collateral, and interest for each tranche.
Requested Amount	100,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.82/5
Feasibility	3.61/5
Value for money	3.11/5
2	
Proposal Title	Reputation Scores for Catalyst Proposers & Reviewers [by Lidonation & TrustLevel].
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/114267">https://cardano.ideascale.com/c/idea/114267</a>
Solution	We will develop a POC to link roles, expertise and reputation in Catalyst. The reputation scores will be integrated into the Lidonation Catalyst Explorer tool and published as badges and filters.
Requested Amount	100,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.32/5
Feasibility	4.29/5
Value for money	4.06/5

## F11: Cardano Use Cases: Concept

<b>3</b>	
Proposal Title	Optim Finance OUSD - US Dollar Synthetic Stablecoin.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/114076">https://cardano.ideascale.com/c/idea/114076</a>
Solution	OUSD is a multi-collateral, yield-bearing stablecoin integrating the latest advances in stablecoin design. Its primary focus is on peg protection and scalability, with a secondary focus on yield.
Requested Amount	265,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.79/5
Feasibility	3.89/5
Value for money	3.47/5
<b>4</b>	
Proposal Title	FiDa - Decentralized Risk Transfer Protocol.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110479">https://cardano.ideascale.com/c/idea/110479</a>
Solution	<u>Introduce a new un-correlated asset to the cardano blockchain.</u> These cards represent insurance contracts that facilitate risk diversification, trading, and democratize insurance investing.
Requested Amount	100,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.30/5
Feasibility	3.79/5
Value for money	3.66/5
<b>5</b>	
Proposal Title	Serpentine: A dApp Friendly Alternative To Hydra.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110751">https://cardano.ideascale.com/c/idea/110751</a>
Solution	Demo Hydra alternative having client/server model which dApps need, not p2p model which Hydra has. Full implementation/testing of all on-chain code, plus "proof of concept" changes to Hydra Node.
Requested Amount	100,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.42/5
Feasibility	3.10/5
Value for money	3.26/5

## F11: Cardano Use Cases: Concept

6	
Proposal Title	LENDEX Cardano ↔ EVM Token Lending Protocol.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113614">https://cardano.ideascale.com/c/idea/113614</a>
Solution	We'll make a secure and smooth platform based on smart contracts and oracles to bring people from EVM blockchains to Cardano providing them access to ADA liquidity for their assets.
Requested Amount	100,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.13/5
Feasibility	3.88/5
Value for money	3.91/5

## F11: Cardano Use Cases: Product

<b>7</b>	
Proposal Title	Wider accessibility of automatic borrowing - Lenfi Software Development Kit (SDK).
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112845">https://cardano.ideascale.com/c/idea/112845</a>
Solution	Developing a Lenfi SDK to enable direct protocol interaction for users with basic programming skills, ensuring decentralization and greater accessibility.
Requested Amount	125,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	3.86/5
Feasibility	3.45/5
Value for money	3.67/5
<b>8</b>	
Proposal Title	Iagon : Statur - Reputation Model for Web3 Ecosystem that encourages positive behaviour.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112993">https://cardano.ideascale.com/c/idea/112993</a>
Solution	Statur: A system using Iagon's storage to securely track and manage reputations in web3, using karma points and badges to evaluate and encourage positive contributions.
Requested Amount	389,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	3.69/5
Feasibility	3.36/5
Value for money	3.44/5
<b>9</b>	
Proposal Title	Indigo Protocol V2 Audit.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112532">https://cardano.ideascale.com/c/idea/112532</a>
Solution	Indigo Foundation will outsource and contract with MLabs to do a 1 month audit of the V2 Aiken Smart Contracts. This audit will include a published audit report and open sourced Aiken smart contracts.
Requested Amount	450,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	4.22/5
Feasibility	4.20/5
Value for money	3.47/5

## F11: Cardano Use Cases: Product

10	
Proposal Title	Optim Finance OADA - Innovative ADA Synthetic. Supercharge DeFi with better ADA liquidity + Boosted yield.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113870">https://cardano.ideascale.com/c/idea/113870</a>
Solution	The OADA model is composed of two separate ADA synthetics: OADA- ADA alternative that's the DeFi trading vehicle / sOADA- the yield bearing equivalent. Yield, governance, &dApp usability are improved.
Requested Amount	750,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.81/5
Feasibility	3.58/5
Value for money	3.42/5
11	
Proposal Title	Maya Protocol ◊ Cardano: Unleash native cross-chain swaps between ADA, BTC, ETH, USDC, ...
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112584">https://cardano.ideascale.com/c/idea/112584</a>
Solution	Deploy Cardano into the Maya Protocol to unleash cross-chain ADA swaps from large multi-chain DEXes like ThorSwap and XDEFI, and bring massive EVM & BTC liquidity into Cardano. No KYC needed.
Requested Amount	382,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.50/5
Feasibility	4.24/5
Value for money	4.18/5
12	
Proposal Title	Xerberus Nodes: A Decentralized Risk Rating Agency on Cardano for the World.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/111392">https://cardano.ideascale.com/c/idea/111392</a>
Solution	We propose to decentralize and scale up the computation of the Xerberus Risk Ratings through a Network of Nodes, removing Xerberus Servers as centralized power and potential censor.
Requested Amount	750,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.45/5
Feasibility	4.41/5
Value for money	4.27/5

## F11: Cardano Use Cases: Solution

13	
Proposal Title	Real World Assets Tokenization Launchpad by NMKR, FluidTokens & IAMX.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/114091">https://cardano.ideascale.com/c/idea/114091</a>
Solution	Our solution is to create "Finest," a tokenization launchpad powered by NMKR, FluidTokens, and IAMX. It will simplify and democratize the tokenization process for real-world assets on Cardano.
Requested Amount	300,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.58/5
Feasibility	3.65/5
Value for money	3.14/5
14	
Proposal Title	FluidTokens: Feeless transactions and automatic Smart Contracts.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/111570">https://cardano.ideascale.com/c/idea/111570</a>
Solution	Our decentralized solution allows: <ul style="list-style-type: none"> <li>DApps to pay for their users' transaction fees;</li> <li>Use custom tokens (for ex. stablecoins) for fees;</li> <li>Automate smart contracts and transactions.</li> </ul>
Requested Amount	285,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.35/5
Feasibility	3.96/5
Value for money	3.73/5
15	
Proposal Title	Githoney by TxPipe: Dev bounty system using Marlowe contracts, deep integration with Github.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113574">https://cardano.ideascale.com/c/idea/113574</a>
Solution	A bounty management system that integrates Github PRs with Marlowe contracts, minimizing the trust requirements between parties and removing the need for intermediates.
Requested Amount	75,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.22/5
Feasibility	4.27/5
Value for money	4.08/5

## F11: Cardano Use Cases: Solution

16	
Proposal Title	CHARLI3 - "pull oracle" real-time price feeds on request (On Demand Validation service MVP).
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/114387">https://cardano.ideascale.com/c/idea/114387</a>
Solution	Our current solution only triggers posting an on-chain data value when price deviates, we propose to add more triggering events, such as a direct call from a DeFi protocol (e.g. request current data).
Requested Amount	300,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.45/5
Feasibility	4.20/5
Value for money	4.18/5
17	
Proposal Title	Xerberus: Scam Investigation Registry Engine (SIREN) in cooperation with Iagon.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/111643">https://cardano.ideascale.com/c/idea/111643</a>
Solution	SIREN is an open registry of fraud-associated wallets. Services that interact with the registry can take the necessary action on these associated wallets, such as denial of services.
Requested Amount	265,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.22/5
Feasibility	4.06/5
Value for money	4.04/5
18	
Proposal Title	Optim-Account: Unleashing dApp innovation with a composable account-based virtual ledger layer.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113465">https://cardano.ideascale.com/c/idea/113465</a>
Solution	Optim-Account is an open sequencer network. A virtual ledger layer for account-based model apps and intent-based transactions. It brings atomicity, composability and interoperability across Dapps.
Requested Amount	300,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.03/5
Feasibility	3.51/5
Value for money	3.31/5

## F11: Cardano Use Cases: Solution

19	
Proposal Title	Cardano Node API: a Cardano Node companion written in Go.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110379">https://cardano.ideascale.com/c/idea/110379</a>
Solution	Develop a Cardano Node API application in Golang to provide data from a Cardano Node over multiple protocols to expose this data easily for consumption by dApp developers.
Requested Amount	185,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.20/5
Feasibility	4.26/5
Value for money	3.84/5
20	
Proposal Title	Preparing for the bull run: The foundation for fast, cheap and composable DeFi.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112889">https://cardano.ideascale.com/c/idea/112889</a>
Solution	A framework that shifts order placement off the chain reducing fees and introducing an abstraction of autonomous accounts that dApps can transact with enabling composability and automation.
Requested Amount	300,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.38/5
Feasibility	4.26/5
Value for money	3.98/5
21	
Proposal Title	BACC: banking app-like reporting and accounting.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/114026">https://cardano.ideascale.com/c/idea/114026</a>
Solution	BACC offers individuals and businesses the ability to track, organize, visualize, and report any transactions across wallets, accounts, and nodes on blockchain.
Requested Amount	30,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.45/5
Feasibility	3.77/5
Value for money	2.75/5

## F11: Cardano Use Cases: Solution

22	
Proposal Title	[ADAXON] BlueTick: Privacy-First Cardano-based Instant Messaging Solution.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113696">https://cardano.ideascale.com/c/idea/113696</a>
Solution	Building on our prior work, BlueTick is a decentralized beta solution on Cardano that ensures wallet2wallet messaging confidentiality with end-to-end encryption, tamper-proof history & user anonymity.
Requested Amount	112,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.62/5
Feasibility	3.42/5
Value for money	3.20/5

## F11: Cardano Open: Developers

<b>1</b>	
Proposal Title	Indigo Iris: DEX API & Indexer.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113424">https://cardano.ideascale.com/c/idea/113424</a>
Solution	Open-source indexer & API/websocket feed to solve DEX data accessibility issues, streamlining decentralized exchanges for better user empowerment, education, and community collaboration.
Requested Amount	200,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.42/5
Feasibility	3.89/5
Value for money	3.78/5
<b>2</b>	
Proposal Title	RAGDoC: Open Source and Decentralized AI Analysis of Catalyst Proposals.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110410">https://cardano.ideascale.com/c/idea/110410</a>
Solution	I will recreate and open source the AI analysis pipeline I made to filter Catalyst proposals for Minswap. However, it will run completely on Cardano infrastructure with fully open source tools.
Requested Amount	60,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.02/5
Feasibility	3.76/5
Value for money	3.69/5
<b>3</b>	
Proposal Title	OpShin Bug Bountys - Squashing Bugs in Python Smart Contracts.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110051">https://cardano.ideascale.com/c/idea/110051</a>
Solution	We offer bug bountys to developers that resolve Issues on the OpShin project. This allows for dynamic, need based additional development effort for critical infrastructure.
Requested Amount	44,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.12/5
Feasibility	3.82/5
Value for money	3.89/5

## F11: Cardano Open: Developers

4	
Proposal Title	Mumak by TxPipe: A PostgreSQL custom extension to process raw Cardano CBOR.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113577">https://cardano.ideascale.com/c/idea/113577</a>
Solution	<b>Solution:</b> A PostgreSQL extension that allows the database to understand CBOR Cardano structures so that queries can be performed directly without having to map all the details into a relational model.
Requested Amount	171,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.21/5
Feasibility	4.21/5
Value for money	3.90/5
5	
Proposal Title	Asteria by TxPipe: A bot challenge to showcase the capabilities of the UTxO model.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113703">https://cardano.ideascale.com/c/idea/113703</a>
Solution	A bot challenge, incentivized by ADA rewards, that showcases the capabilities of the UTxO model by participating in a compelling on-chain strategy challenge.
Requested Amount	192,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.35/5
Feasibility	4.13/5
Value for money	3.97/5
6	
Proposal Title	Hollow by TxPipe: Headless dApp Framework, a friendly SDK for off-chain development.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113688">https://cardano.ideascale.com/c/idea/113688</a>
Solution	A framework for building self-contained, portable logic for reading and participating in on-chain smart contract protocols.
Requested Amount	194,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.40/5
Feasibility	4.38/5
Value for money	4.08/5

## F11: Cardano Open: Developers

<b>7</b>	
Proposal Title	Maya Protocol - Supercharge Cardano with decentralized native cross-chain swaps.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112526">https://cardano.ideascale.com/c/idea/112526</a>
Solution	Upgrade Maya Protocol to integrate Cardano and unlock permissionless cross-chain swaps. Trade native BTC, ETH, USDC, and other EVM tokens FROM Cardano. No KYC, No wrapped assets.
Requested Amount	180,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	4.25/5
Feasibility	3.88/5
Value for money	3.75/5
<b>8</b>	
Proposal Title	Open Multisig Synchronization Service.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113305">https://cardano.ideascale.com/c/idea/113305</a>
Solution	At BroClan we have implemented a synchronization service to propagate this information, I propose separating this module and deploying it as an open API for all Multisig wallets to use freely.
Requested Amount	28,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	4.13/5
Feasibility	3.82/5
Value for money	3.89/5
<b>9</b>	
Proposal Title	ENCOINS v2.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113479">https://cardano.ideascale.com/c/idea/113479</a>
Solution	ENCOINS v2 upgrade does the following: <ul style="list-style-type: none"><li>• Proof verification happens on-chain;</li><li>• Support for all native assets;</li><li>• Adds composability with other protocols.</li></ul>
Requested Amount	200,000 \$ADA
<b>Catalyst Assessment Score</b>	
Impact Alignment	4.13/5
Feasibility	4.11/5
Value for money	3.78/5

## F11: Cardano Open: Developers

10	
Proposal Title	Python Based Open Source Permissionless Marketplace and Documentation.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110235">https://cardano.ideascale.com/c/idea/110235</a>
Solution	Publish the code and documentation for a fully functioning hybrid marketplace application currently running on Cardano mainnet ( <a href="https://nescrow.xyz">https://nescrow.xyz</a> ) - including onchain, offchain and UI software.
Requested Amount	73,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.83/5
Feasibility	3.52/5
Value for money	3.53/5
11	
Proposal Title	Cardanoscan API Javascript SDK.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113151">https://cardano.ideascale.com/c/idea/113151</a>
Solution	Build a dev-friendly javascript SDK for Cardanoscan APIs. The SDK provides easy-to-use functions to retrieve data from Cardanoscan APIs.
Requested Amount	64,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.12/5
Feasibility	4.05/5
Value for money	3.98/5
12	
Proposal Title	gRPC Cardano: A streaming API for Cardano using Dolos by TxPipe.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113612">https://cardano.ideascale.com/c/idea/113612</a>
Solution	A streaming, real-time API that uses gRPC + protobuf to provide a performant and developer friendly way to interact with the Cardano blockchain.
Requested Amount	177,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.46/5
Feasibility	4.31/5
Value for money	4.15/5

## F11: Cardano Open: Developers

<b>13</b>	
Proposal Title	CIP 102 v2 – New Royalty Functionality.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112614">https://cardano.ideascale.com/c/idea/112614</a>
Solution	V2 will continue to build on the foundation of CIP-102 with several more key improvements, including multiple royalty policies within a single collection, standardized royalty validators, and more.
Requested Amount	17,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.97/5
Feasibility	3.99/5
Value for money	4.11/5
<b>14</b>	
Proposal Title	Easily recoverable Identity Wallets for Atala Prism (SSI Threshold Wallets).
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112407">https://cardano.ideascale.com/c/idea/112407</a>
Solution	We propose a threshold wallet recovery system for integration with Atala PRISM, addressing challenges in decentralized identity management, user-friendliness and secure and accessible backups.
Requested Amount	166,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.33/5
Feasibility	4.18/5
Value for money	4.00/5
<b>15</b>	
Proposal Title	Rust library for easy off-chain transaction building.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112172">https://cardano.ideascale.com/c/idea/112172</a>
Solution	Implement a cardano-cli like wrapper on cardano-serialization-lib (equivalent on MeshJS's lower level APIs), supporting serious DApps' backend on rust codebase.
Requested Amount	33,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.94/5
Feasibility	3.76/5
Value for money	3.80/5

## F11: Cardano Open: Developers

16	
Proposal Title	elm-cardano: Elm offchain framework for Cardano.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110635">https://cardano.ideascale.com/c/idea/110635</a>
Solution	Build the friendliest and most productive Cardano frontend in Elm. It should be a perfect match to Aiken onchain code.
Requested Amount	46,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.04/5
Feasibility	3.85/5
Value for money	4.83/5
17	
Proposal Title	CBOR Validator Website for Cardano Development.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113625">https://cardano.ideascale.com/c/idea/113625</a>
Solution	We will launch a website designed to assist developers in debugging CBOR issues specific to Cardano.
Requested Amount	30,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.04/5
Feasibility	3.67/5
Value for money	3.40/5
18	
Proposal Title	CardanoJ - Build dApps in Java.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/111498">https://cardano.ideascale.com/c/idea/111498</a>
Solution	Create a library for Java developers to write off-chain code in Java, so they can write dApp faster.
Requested Amount	150,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.18/5
Feasibility	4.21/5
Value for money	3.95/5

## F11: Cardano Open: Developers

<b>19</b>	
Proposal Title	Scalus multiplatform Scala implementation of Cardano Plutus.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112174">https://cardano.ideascale.com/c/idea/112174</a>
Solution	Scalus enables full DApps development using Scala language. Scala has a larger talent pool, good dev experience, large ecosystem/community, and is multi platform (JVM/JavaScript/LLVM), on/off-chain.
Requested Amount	200,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.15/5
Feasibility	3.76/5
Value for money	3.84/5
<b>20</b>	
Proposal Title	Anvil - Open Source - Metadata Validator.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113437">https://cardano.ideascale.com/c/idea/113437</a>
Solution	Anvil will pioneer a metadata validator, which will function much like an auditing system, prompting the user with corrections to any mistakes before allowing them to complete the process.
Requested Amount	160,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.35/5
Feasibility	3.90/5
Value for money	3.40/5
<b>21</b>	
Proposal Title	Friendly SWIFT library for Cardano Apps.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110717">https://cardano.ideascale.com/c/idea/110717</a>
Solution	<p>Our goal is to provide an open-source set of tools (SDK) with code sample, that include:</p> <ul style="list-style-type: none"> <li>• Wallet creation;</li> <li>• Transactions;</li> <li>• Minting NFTs;</li> <li>• DApp connectivity;</li> <li>• Etc.</li> </ul> <p>Functions already used &amp; tested in Mantium Wallet</p>
Requested Amount	176,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.05/5
Feasibility	4.11/5
Value for money	3.57/5

## F11: Cardano Open: Developers

<b>22</b>	
Proposal Title	Sustain & Maintain MeshJS.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113213">https://cardano.ideascale.com/c/idea/113213</a>
Solution	This proposal enables implementations not limited to Voltaire features, Hydra & Aiken integration, and data providers integrations. Including bounties for issues, features, and learning materials.
Requested Amount	150,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.29/5
Feasibility	4.02/5
Value for money	4.10/5
<b>23</b>	
Proposal Title	gOuroboros: Cardano Ouroboros protocol server support in Golang.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110376">https://cardano.ideascale.com/c/idea/110376</a>
Solution	We will continue developing the gOuroboros open source Golang library for speaking the Ouroboros protocol with a Cardano node and reading the ledger data structures, including server side messages.
Requested Amount	185,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.23/5
Feasibility	4.05/5
Value for money	3.60/5
<b>24</b>	
Proposal Title	Plutus Wallet Connector (CIP-30 expansion).
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113348">https://cardano.ideascale.com/c/idea/113348</a>
Solution	By creating a new extension for CIP-30 that conforms to the requirements of a Plutus wallet, we can make the use of dApps safe and efficient for Plutus wallet users.
Requested Amount	45,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	3.97/5
Feasibility	3.60/5
Value for money	3.83/5

## F11: Cardano Open: Developers

25	
Proposal Title	ZKFold: Zero-Knowledge Prover Backend.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113441">https://cardano.ideascale.com/c/idea/113441</a>
Solution	Develop a backend application called ZK-prover that can produce proofs for zero-knowledge smart contracts on Cardano. This open-source component will also be provided as a service by Maestro.
Requested Amount	200,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.52/5
Feasibility	4.36/5
Value for money	4.21/5

## F11: Cardano Open: Ecosystem

26	
Proposal Title	Continue SCATDAO Work in Education, Scam Monitoring, and DYOR Reports.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/110008">https://cardano.ideascale.com/c/idea/110008</a>
Solution	We would like to continue the work we have been doing for over 2 years in fraud/scam monitoring, general crypto education, and assisting and encouraging DYOR through our DYORTool.
Requested Amount	149,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.43/5
Feasibility	4.34/5
Value for money	4.06/5
27	
Proposal Title	Polkadot-Cardano uniFires.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/112389">https://cardano.ideascale.com/c/idea/112389</a>
Solution	We onboard participants to thematic working groups to discuss, research, experiment and gather best practices for Cardano and Polkadot communities, sharing the results via far-reaching channels.
Requested Amount	140,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.21/5
Feasibility	4.19/5
Value for money	3.89/5

## F11: Catalyst System Improvements: Discovery

1	
Proposal Title	Alternative Catalyst voting schemes with new crypto protocols by IOG Research, Photrek, and the Catalyst Team.
Proposal Link	<a href="https://cardano.ideascale.com/c/idea/113486">https://cardano.ideascale.com/c/idea/113486</a>
Solution	A set of selected voting schemes for Catalyst, a research paper on their properties, comparison and recommendations for selection, a research paper on supporting cryptographic protocols for voting.
Requested Amount	500,000 \$ADA
Catalyst Assessment Score	
Impact Alignment	4.48/5
Feasibility	4.37/5
Value for money	4.30/5



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