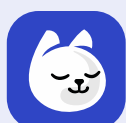# 50

Catalyst Proposal List

Minswap

Introduction

In order to design the principles used to evaluate and filter Catalyst Proposals for $MIN Holders to vote on we first need to consider the following: the ADA voting is ADA from Minswap Liquidity Providers. Many of these Liquidity Pools are not only highly incentivized by projects themselves, but many times it's the projects themselves that own and manage a large part of their Liquidity on Minswap.

As mentioned before in the Minswap Forum post on whether to Register Minswap LP ADA for Catalyst recently approved through on-chain Governance, a group consisting of Minswap community managers and Cardano community volunteers collaborated to filter the current 1,000+ 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.
2. Prioritization of Liquidity Partners on Minswap: large projects providing and incentivizing their own Liquidity on Minswap such as: Lenfi, NuNet, Ape Society, Iagon, NEWM, 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. In order to have the best impact, the Minswap LP ADA will be voting only on 7 categories:

   - Products & Integrations
   - DAOs ❤ Cardano
   - Development & Infrastructure
   - Open Source Dev Ecosystem
   - Developer Ecosystem - The Evolution
   - Catalyst Fund Operations

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

- Products & Integrations: 14 Proposals
- DAOs ❤ Cardano: 3 Proposals
- Development & Infrastructure: 16 Proposals
- Open Source Dev Ecosystem: 6 Proposals
- Developer Ecosystem - The Evolution: 10 Proposals
- Catalyst Fund Operations: 1 Proposal

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

Products & Integrations

1	
Proposal Title	Minswap Aiken Stableswap Audit + Bug Bounty
Proposal Link	https://cardano.ideascale.com/c/idea/101498
Summary	The problem to be solved is the current lack of an open-source Stableswap on Cardano and the low liquidity for stable assets (in particular stablecoins) in the DeFi ecosystem.
Requested Amount	332,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.56/5
Feasibility	4.52/5
Value for money	4.28/5
2	
Proposal Title	Minswap Aiken V2 Audit
Proposal Link	https://cardano.ideascale.com/c/idea/105516
Summary	Minswap Labs is to release an open-source Version 2 of the DEX Smart Contracts with new features and throughput improvements. To ensure the highest security, two security audits are needed.
Requested Amount	467,000 $ADA
Catalyst Assessment Score	
Impact Alignment	5/5
Feasibility	4.4/5
Value for money	4/5

Products & Integrations

3	
Proposal Title	Lenfi V2 Aiken Audit + Bug Bounty
Proposal Link	https://cardano.ideascale.com/c/idea/103087
Summary	Cardano lacks a diverse list of open-source lending protocols compared to other ecosystems. This restricts user adoption because of the general uncertainty regarding smart contract security.
Requested Amount	265,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.64/5
Feasibility	4.16/5
Value for money	3.78/5
4	
Proposal Title	USDM: Fiat-Backed STABLECOIN - by Mehen: Cardano's Premiere Fiat-backed Stablecoin
Proposal Link	https://cardano.ideascale.com/a/dtd/105857-163
Summary	A native fiat-backed stablecoin to accelerate Cardano's decentralized finance Ecosystem, enable payments, and bridge capital into the Cardano DeFi ecosystem
Requested Amount	800,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	3.47/5
Value for money	3.87/5
5	
Proposal Title	Eternl - Accessible Multi-sig - F10
Proposal Link	https://cardano.ideascale.com/a/dtd/105986-163
Summary	Implement CIP-1854 and provide Eternl users with access to multi-sig Wallets.
Requested Amount	69,240 $ADA
Catalyst Assessment Score	
Impact Alignment	4.46/5
Feasibility	4.20/5
Value for money	4.23/5

Products & Integrations

6	
Proposal Title	Optim Finance Vaults / Tranche Structures - DeFi Building Blocks for Cardano
Proposal Link	https://cardano.ideascale.com/a/dtd/106724-163
Summary	Optim Vaults provide an on-chain tranche structure that enable users deposit assets & structure junior and senior tranches -- deposit/withdraw windows, collateral, risk & return for tranches
Requested Amount	350,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.66/5
Feasibility	4.31/5
Value for money	4.31/5
7	
Proposal Title	ENCOINS v2: privacy protocol on Cardano. DApp development and integrations
Proposal Link	https://cardano.ideascale.com/a/dtd/101160-163
Summary	ENCOINS Dapp upgrades and integrations: Redesign UI/UX as a streamlined wallet-like DApp, implement APIs for future partnerships, build front End for the Agora-based DAO, complete planned collaborations
Requested Amount	234,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.35/5
Feasibility	4.14/5
Value for money	3.93/5
8	
Proposal Title	Decentralized Uncollateralized Renting [Release + Audit + Open Source]
Proposal Link	https://cardano.ideascale.com/a/dtd/104787-163
Summary	a solution that enables renting assets on Cardano without requiring collateral from the renter. It utilizes the stake address of the Cardano blockchain, creating a trustless framework
Requested Amount	200,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.25/5
Feasibility	3.75/5
Value for money	3.75/5

Products & Integrations

9	
Proposal Title	Minting NFTs in L2 of Cardano: Milkomeda Implementation
Proposal Link	https://cardano.ideascale.com/a/dtd/105824-163
Summary	Exclusive platform for minting on all Cardano chains, including mainnet and testnet. With the addition of milkomeda, we can boost its adoption among users and developers
Requested Amount	24,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	4.7/5
Value for money	4.5/5
10	
Proposal Title	Xerberus: Risk Ratings for all Fungible Assets on Cardano
Proposal Link	https://cardano.ideascale.com/a/dtd/102532-163
Summary	We provide free risk ratings for every fungible asset on the Cardano blockchain. Public ratings will improve the efficiency of capital allocation in the ecosystem and protect the community from fraud.
Requested Amount	400,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	4/5
Value for money	4/5
11	
Proposal Title	[MAYZ Protocol] Decentralized Asset Management Infrastructure
Proposal Link	https://cardano.ideascale.com/a/dtd/104346-163
Summary	We're developing a DeFi solution to offer users expert-curated investment funds for diversified exposure to Cardano native tokens.
Requested Amount	140,333 $ADA
Catalyst Assessment Score	
Impact Alignment	4.11/5
Feasibility	3.56/5
Value for money	3.44/5

Products & Integrations

12	
Proposal Title	Defi & NFT-First Light Wallet by The Ape Society
Proposal Link	https://cardano.ideascale.com/c/idea/105088
Summary	Summary: Creating a fast, intuitive and reliable wallet for new users in the Cardano ecosystem to use in preparation for the next wave of retail, optimized for DeFi and NFTs.
Requested Amount	760,000 $ADA
Catalyst Assessment Score	
Impact Alignment	3.35/5
Feasibility	3.75/5
Value for money	2.9/5
13	
Proposal Title	The Handle Marketplace | $ADA Handle
Proposal Link	https://cardano.ideascale.com/c/idea/105112
Summary	The Handle Marketplace will provide buyers and sellers with a complete and Handle-centric platform for trading Handles and subHandles in the secondary market, that will evolve along with the Standard.
Requested Amount	465,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	4.36/5
Value for money	4.04/5
14	
Proposal Title	FluidTokens on Milkomeda [Platform + Audit + Open Source]
Proposal Link	https://cardano.ideascale.com/a/dtd/105458-163
Summary	We're creating a platform on Milkomeda that facilitates borrowing and lending through NFT collateral. Our smart contract will be open source and audited, encouraging new developers to join our mission.
Requested Amount	180,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4/5
Feasibility	3.56/5
Value for money	2.78/5

DAOs Cardano

1	
Proposal Title	Minswap Liquidity Bootstrapping for DAOs
Proposal Link	https://cardano.ideascale.com/a/dtd/103138-163
Summary	Build and open source an Aiken Smart Contract (LBE V2) for any DAOs to launch a token on Cardano through a fair price discovery method while avoiding front-running and large congestion queues.
Requested Amount	206,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.67/5
Feasibility	4.46/5
Value for money	4.41/5

2	
Proposal Title	Open-Source On-Chain DAO Governance
Proposal Link	https://cardano.ideascale.com/a/dtd/107327-163
Summary	On-chain, decentralized, and auditable governance solution for Cardano. Our framework empowers projects with seamless community governance, enhancing transparency and trust for the project.On-chain, decentralized, and auditable governance solution for Cardano. Our framework empowers projects with seamless community governance, enhancing transparency and trust for the project.
Requested Amount	566,900 $ADA
Catalyst Assessment Score	
Impact Alignment	4/5
Feasibility	4.13/5
Value for money	3.8/5

3	
Proposal Title	Catalyst Reward DAO": A collaborative platform for expert community members
Proposal Link	https://cardano.ideascale.com/c/idea/107142
Summary	Decentralized membership organization to offer more transparent Milestone Reviews, Assessments and earn attractive rewards.
Requested Amount	292,740 $ADA
Catalyst Assessment Score	
Impact Alignment	4.96/5
Feasibility	4.53/5
Value for money	4.69/5

Development & Infrastructure

1	
Proposal Title	Allow Cardano users to call Sidechain smart contracts directly from their Cardano mainnet wallet
Proposal Link	https://cardano.ideascale.com/a/dtd/107634-163
Summary	Cardano already has multiple sidechains live including its EVM sidechain Milkomeda. However, adoption is hard as most users understandably do not want to download a new wallet just for the sidechain. We developed a system we called Wrapped Smart Contracts to allow users to call EVM contracts directly from any Cardano wallet (Nami, Eternl, Flint, etc.) without extra work for the wallet developers.
Requested Amount	448,276 $ADA
Catalyst Assessment Score	
Impact Alignment	3.4/5
Feasibility	3.4/5
Value for money	3.4/5

2	
Proposal Title	Cardanoscan.io Maintenance
Proposal Link	https://cardano.ideascale.com/a/dtd/107398-163
Summary	We can secure the continuing availability and reliable functioning of Cardanoscan by securing server costs for the next 6 months, giving users a dependable resource on critical Cardano networks.
Requested Amount	78,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.2/5
Feasibility	4.02/5
Value for money	3.59/5

3	
Proposal Title	Crypto Jobs, Blockchain Talents & Recruiting Platform With a Job Aggregator from Multiple Tech Sites and Sources
Proposal Link	https://cardano.ideascale.com/a/dtd/100700-163
Summary	A platform that will connect professionals with high technical skills in blockchain, DeFi, Crypto, Web3, Smart Contracts, NFTs, Metaverse and programming, with companies that seek these professionals
Requested Amount	244,286 $ADA
Catalyst Assessment Score	
Impact Alignment	3.37/5
Feasibility	4/5
Value for money	3.33/5

Development & Infrastructure

4	
Proposal Title	Sundae Labs Hydra Transaction Stream Plugin
Proposal Link	https://cardano.ideascale.com/a/dtd/102200-163
Summary	Without the integration capabilities of an off-chain infrastructure, building on the existing Hydra node is challenging, requiring a new suite of diverse tools and libraries. We plan to submit an upgrade to the Hydra node to allow external, efficient access to internal events, simplifying integration with existing data tools.
Requested Amount	588,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	4.2/5
Value for money	3.6/5
5	
Proposal Title	Anastasia Labs - Streamlining Development: A User-Friendly Smart Contract Library for Plutarch and Aiken Design Patterns & Efficiency
Proposal Link	https://cardano.ideascale.com/a/dtd/102412-163
Summary	There are a ton of design patterns that address many of the most difficult problems for smart contract development, but they are so unintuitive that barely anyone knows about them.
Requested Amount	250,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.7/5
Feasibility	4.6/5
Value for money	4.1/5
6	
Proposal Title	zkFold: zk-rollups on Cardano. Phase 1: zkWrapper
Proposal Link	https://cardano.ideascale.com/a/dtd/104032-163
Summary	Cardano's expansive scalability roadmap is missing transaction rollups. We have a 4-phase plan to bring zk-rollups to Cardano for massive throughput increase and fee reductions. Our Phase 1 product is called zkWrapper. It takes any Untyped Plutus Core (UPLC) script as input and produces a zero-knowledge version of it with great scaling features.
Requested Amount	665,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.4/5
Feasibility	3.8/5
Value for money	4.13/5

Development & Infrastructure

7	
Proposal Title	1. Automated Smart Contract Auditing Tool
Proposal Link	https://cardano.ideascale.com/a/dtd/107031-163
Summary	Cardano developers lack robust, efficient and automated smart contract security auditing to make it easy to identify vulnerabilities, reduce risk and increase overall contract security. Our tool automates smart contract auditing and analysis, providing thorough security audits and risk mitigation measures for enhanced Cardano smart contract security.
Requested Amount	184,600 $ADA
Catalyst Assessment Score	
Impact Alignment	4.6/5
Feasibility	4/5
Value for money	3.8/5
8	
Proposal Title	Blockfrost bootstrap
Proposal Link	https://cardano.ideascale.com/a/dtd/107571-163
Summary	We propose a tool that automates the installation and bootstrapping process of a Blockfrost cluster, enabling rapid deployment in just minutes.
Requested Amount	35,000 $ADA
Catalyst Assessment Score	
Impact Alignment	5/5
Feasibility	4.25/5
Value for money	4/5
9	
Proposal Title	MLabs - Re-think CIP-30 wallet interface standard
Proposal Link	https://cardano.ideascale.com/a/dtd/103857-163
Summary	CIP-30 in-browser wallet interface is unnecessarily low-level and does not include a query layer to fetch blockchain data. This leads to suboptimal dApp architecture. We propose creating a new CIP that extends CIP-30 with new query methods and which allows for abstraction from the CBOR encoding of data.
Requested Amount	271,430 $ADA
Catalyst Assessment Score	
Impact Alignment	4.13/5
Feasibility	4.13/5
Value for money	4.33/5

Development & Infrastructure

<table>
<tr><td colspan="2">**10**</td></tr>
<tr><td>Proposal Title</td><td>CardanoShield: Protecting Cardano Wallet Users</td></tr>
<tr><td>Proposal Link</td><td>https://cardano.ideascale.com/a/dtd/106149-163</td></tr>
<tr><td>Summary</td><td>Addressing the security challenge by implementing a robust and collaborative security mechanism to protect Cardano wallet users from phishing, low-trust websites, and wallet drainers.</td></tr>
<tr><td>Requested Amount</td><td>250,000 $ADA</td></tr>
<tr><td colspan="2">**Catalyst Assessment Score**</td></tr>
<tr><td>Impact Alignment</td><td>4.83/5</td></tr>
<tr><td>Feasibility</td><td>4.75/5</td></tr>
<tr><td>Value for money</td><td>4.65/5</td></tr>
<tr><td colspan="2">**11**</td></tr>
<tr><td>Proposal Title</td><td>NuNet: Enabling Elasticsearch Clusters on decentralized hardware // Elastic search is a fast and scalable search and analytics engine, providing powerful analytics and visualization tools. NuNet will enable running it on its decentralized network.</td></tr>
<tr><td>Proposal Link</td><td>https://cardano.ideascale.com/a/dtd/104818-163</td></tr>
<tr><td>Summary</td><td>NuNet will enable anyone with eligible devices to host Elasticsearch nodes, configure them into clusters and be rewarded via Cardano SC. For these purposes new features will be added to the platform.</td></tr>
<tr><td>Requested Amount</td><td>293,600 $ADA</td></tr>
<tr><td colspan="2">**Catalyst Assessment Score**</td></tr>
<tr><td>Impact Alignment</td><td>4.5/5</td></tr>
<tr><td>Feasibility</td><td>4.5/5</td></tr>
<tr><td>Value for money</td><td>4.25/5</td></tr>
<tr><td colspan="2">**12**</td></tr>
<tr><td>Proposal Title</td><td>A Zero Knowledge Proof framework for Cardano based on Hydra and ZK-SNARKS</td></tr>
<tr><td>Proposal Link</td><td>https://cardano.ideascale.com/a/dtd/105211-163</td></tr>
<tr><td>Summary</td><td>We will develop a set of tools using the Hydra protocol to $ADApt ZKP solutions that currently work on Ethereum, particularly ZK-SNARKs, enabling ZK-proof verifications on the Cardano blockchain.</td></tr>
<tr><td>Requested Amount</td><td>75,000 $ADA</td></tr>
<tr><td colspan="2">**Catalyst Assessment Score**</td></tr>
<tr><td>Impact Alignment</td><td>4.62/5</td></tr>
<tr><td>Feasibility</td><td>4.59/5</td></tr>
<tr><td>Value for money</td><td>4.65/5</td></tr>
</table>

Development & Infrastructure

13	
Proposal Title	Hydrozoa: Lightweight and scalable Hydra Heads
Proposal Link	https://cardano.ideascale.com/a/dtd/107592-163
Summary	Cardano Hydra Head protocol has significant overhead to open and close heads, and support for incremental commits/decommits is complicated to implement with the current approach.
Requested Amount	945,476 $ADA
Catalyst Assessment Score	
Impact Alignment	4.33/5
Feasibility	4/5
Value for money	3.67/5
14	
Proposal Title	Enable Eternl - F10
Proposal Link	https://cardano.ideascale.com/c/idea/105940
Summary	This proposal aims to cover the operating costs of Eternl's infrastructure for one year.
Requested Amount	553,800 $ADA
Catalyst Assessment Score	
Impact Alignment	3.89/5
Feasibility	3.67/5
Value for money	3.67/5
15	
Proposal Title	Decentralized Minting | $ADA Handle
Proposal Link	https://cardano.ideascale.com/c/idea/105122
Summary	Utilizing Merkle Tree data structures, a cryptopraphic primitive, the Handle Standard will migrate the minting of Handles and subHandles to a fully decentralized Smart Contract-based technology.
Requested Amount	665,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.48/5
Feasibility	4.48/5
Value for money	4/5

Development & Infrastructure

16	
Proposal Title	1. NEWM Community - Onboard Android Devs to Cardano with PlutoK - Plutus Virtual Machine for Kotlin
Proposal Link	https://cardano.ideascale.com/a/dtd/105034-163
Summary	We will develop PlutoK, a Plutus Virtual Machine (PVM) in Kotlin, enabling 1M+ Kotlin developers to execute Cardano smart contracts inside Kotlin, enhancing both the Cardano and Kotlin ecosystems.
Requested Amount	309,091 $ADA
Catalyst Assessment Score	
Impact Alignment	4.5/5
Feasibility	4.38/5
Value for money	4.25/5

Developer Ecosystem - The Evolution

1	
Proposal Title	NuNet: Decentralized GPU Splitting on software level // Splitting large scale compute work into small containers optimized for deployment on decentralized hardware is a necessary component of any decentralized system.
Proposal Link	https://cardano.ideascale.com/a/dtd/104810-163
Summary	uNet is a decentralized, open source, peer-to-peer computing alternative to big cloud providers. Currently NuNet enables computing on one GPU on one machine for one task. Scaling up is the next step
Requested Amount	369,400 $ADA
Catalyst Assessment Score	
Impact Alignment	4.48/5
Feasibility	4.68/5
Value for money	4.16/5
2	
Proposal Title	OpShin Core - Developing Python Smart Contracts
Proposal Link	https://cardano.ideascale.com/a/dtd/105944-163
Summary	Writing Smart Contracts on Cardano in Plutus/Haskell is difficult. Alternatives like OpShin (Python) are not well funded and currently have no dedicated developers pushing the project forward. By hiring a part time developer, the OpShin project can make progress in the desired pace such that it will truly enable onboarding of new developers into the ecosystem.
Requested Amount	43,200 $ADA
Catalyst Assessment Score	
Impact Alignment	4.54/5
Feasibility	4.21/5
Value for money	4.11/5
3	
Proposal Title	plu-ts Typescript smart-contracts - road to production
Proposal Link	https://cardano.ideascale.com/a/dtd/100658-163
Summary	plu-ts is a language for smart contract development in Typescript, we can bring plu-ts to a production-ready state so that it can make Cardano competitive against other smart-contract-capable blockchains.
Requested Amount	566,890 $ADA
Catalyst Assessment Score	
Impact Alignment	4.17/5
Feasibility	3.37/5
Value for money	2.97/5

Developer Ecosystem - The Evolution

4	
Proposal Title	Marlowe Runtime SDKs
Proposal Link	https://cardano.ideascale.com/a/dtd/106750-163
Summary	Create idiomatic SDKs in Rust, Python, Go and Javascript to easily interact with Marlowe Runtime. This will facilitate adoption of the framework by developers in the ecosystem.
Requested Amount	154,286 $ADA
Catalyst Assessment Score	
Impact Alignment	4.52/5
Feasibility	4.26/5
Value for money	4.52/5
5	
Proposal Title	Marlowe - Decentralized Oracle Integration
Proposal Link	https://cardano.ideascale.com/a/dtd/105569-163
Summary	Integrate the existing Marlowe Runtime with feeds from well-known decentralized oracles in the Cardano ecosystem, such as Charli3
Requested Amount	235,714 $ADA
Catalyst Assessment Score	
Impact Alignment	4.7/5
Feasibility	4.8/5
Value for money	4.3/5
6	
Proposal Title	Graphic Tx Builder and Viewer
Proposal Link	https://cardano.ideascale.com/a/dtd/106745-163
Summary	A tool that will allow any user to navigate in a graphical way the Cardano blockchain.
Requested Amount	90,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.09/5
Feasibility	4.31/5
Value for money	3.86/5

Developer Ecosystem - The Evolution

7	
Proposal Title	Blockfrost multi-provider transaction submit plugin
Proposal Link	https://cardano.ideascale.com/a/dtd/107608-163
Summary	Blockfrost submit servers are processing a big percentage of Cardano transactions, which is not good for decentralization. We need to increase the choice of providers to promote decentralization.
Requested Amount	160,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.6/5
Feasibility	4.6/5
Value for money	4.4/5
8	
Proposal Title	Mafoc: a composable chain indexer framework
Proposal Link	https://cardano.ideascale.com/a/dtd/105734-163
Summary	Have a Haskell framework where indexers could be composed mechanically: any state that the fold (reduce) requires is shared automatically, making composition easy.
Requested Amount	190,000 $ADA
Catalyst Assessment Score	
Impact Alignment	3.1/5
Feasibility	2.72/5
Value for money	2.36/5
9	
Proposal Title	Threshold Signatures for Cardano Wallets
Proposal Link	https://cardano.ideascale.com/a/dtd/103599-163
Summary	Threshold signatures provide better security and performance vs. single key signatures or multi-signature scripts; Our solution is to provide an open-source implementation of threshold signature tooling that is compatible with Cardano wallets and a CLI tool for creating split keys and threshold signatures.
Requested Amount	54,780 $ADA
Catalyst Assessment Score	
Impact Alignment	3.8/5
Feasibility	4/5
Value for money	3.8/5

Developer Ecosystem - The Evolution

10	
Proposal Title	Finalize Helios
Proposal Link	https://cardano.ideascale.com/a/dtd/107727-163
Summary	Helios is a complete JS/TS SDK for Cardano smart contract development. This library should be finalized to get a stable v1 and then audited.
Requested Amount	416,100 $ADA
Catalyst Assessment Score	
Impact Alignment	4.3/5
Feasibility	3.7/5
Value for money	3.8/5

OSDE: Open Source Dev Ecosystem

1	
Proposal Title	Ogmios Clients in Python & C++
Proposal Link	https://cardano.ideascale.com/a/dtd/105214-163
Summary	Implementing Python and C++ Ogmios clients would enable developers in these widely-used languages to easily build applications on Cardano by leveraging the capabilities provided by Ogmios.
Requested Amount	36,520 $ADA
Catalyst Assessment Score	
Impact Alignment	4.33/5
Feasibility	4.60/5
Value for money	4.07/5

2	
Proposal Title	ENCOINS v2: privacy protocol on Cardano. Smart contract and backend development
Proposal Link	https://cardano.ideascale.com/a/dtd/101157-163
Summary	ENCOINS backend and protocol upgrades: Native asset support; Scaling, security, and decentralization with new Plutus primitives; Minting keys can be securely sent on-chain (ENSHARE); New mode utilizing MPC
Requested Amount	301,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.30/5
Feasibility	4.02/5
Value for money	3.84/5

3	
Proposal Title	Iagon as a storage backend for Permanentum
Proposal Link	https://cardano.ideascale.com/a/dtd/104488-163
Summary	If Filecoin gets attacked terrabytes of Cardano data stored in Permanentum storage bonds will become unresolvable, possibly for ever. This risk is too high for important data (NFTs, Hydra heads, etc). We propose to add Iagon as a storage backend for Permanentum. This allows us to be resilient agains Filecoin outages.
Requested Amount	218,960 $ADA
Catalyst Assessment Score	
Impact Alignment	4.6/5
Feasibility	4.0/5
Value for money	4.0/5

OSDE: Open Source Dev Ecosystem

4	
Proposal Title	NuNet: DIDs for Components in NuNet Ecosystem // Nunet will provide a mechanism for providers, consumers, services and hardware devices to uniquely identify themselves using DIDs and securely attach them to KYC + KYB data and service providers
Proposal Link	https://cardano.ideascale.com/a/dtd/104823-163
Summary	One of the reasons why Web3 solutions lack wide adoption is the requirement for user identification via KYC/KYB solutions and met$ADAta, which is a legitimate requirement for specific business models. Enable unique identification of each hardware, software and user-related component with industry standard DIDs and relate them to securely stored KYC/KYB data via integration with 3rd party providers.
Requested Amount	359,300 $ADA
Catalyst Assessment Score	
Impact Alignment	4.86/5
Feasibility	4.56/5
Value for money	4.86/5

5	
Proposal Title	Open Source Smart Contract Library
Proposal Link	https://cardano.ideascale.com/a/dtd/105538-163
Summary	Open-source smart contract library for Cardano simplifies development, enhances security, and fosters community collaboration, accelerating ecosystem growth.
Requested Amount	98,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.6/5
Feasibility	4.2/5
Value for money	4.2/5

6	
Proposal Title	Expanding the Cardano C++ SDK: libcardano
Proposal Link	https://cardano.ideascale.com/a/dtd/106219-163
Summary	Cardano has a relatively new modern C++ SDK that seeks to expose Cardano to one of the largest developer communities; however, libcardano does not yet provide stake pool cryptographic functionalities.
Requested Amount	27,390 $ADA
Catalyst Assessment Score	
Impact Alignment	4.57/5
Feasibility	4.57/5
Value for money	4.71/5

Catalyst Fund Operations

1	
Proposal Title	Catalyst Fund Operations by IOG Catalyst Team
Proposal Link	https://cardano.ideascale.com/c/idea/107493
Summary	Appoint IOG Catalyst Team to develop and deploy new tools and features to take operation and oversight of Catalyst to new levels and act as administrator and operator of Catalyst for the next 12 months.
Requested Amount	2,140,000 $ADA
Catalyst Assessment Score	
Impact Alignment	4.73/5
Feasibility	4.16/5
Value for money	4.39/5