

Introduction to the Cardano Foundation's Project Catalyst participation

The Cardano Foundation, an independent, Swiss-based not-for-profit organization, is crucial in advancing Cardano as a public digital infrastructure across various industries. In a significant milestone, the Foundation is participating in Project Catalyst voting for the first time on project proposals, utilizing the amount of 20,250,957 ada to support the ecosystem development.

Comprehensive filtering procedure and methodology

1. Strategic alignment with tactical implementation plan

The team prioritized projects that align with and support the Foundation's tactical implementation plan, which centers on three key areas:

Operational Resilience

- Aim: Enhance Cardano's position as a robust infrastructure component for institutional-grade use cases.
- Focus: Improving the resilience, reliability, and durability of the Cardano network.
- Impact: Positioning Cardano as a trusted platform for high-stakes, enterprise-level applications.

Education

- Objective: Contribute to the broader understanding of third-generation blockchains.
- Activities: Promoting discussions, supporting research, and explaining blockchain concepts to diverse stakeholders.
- Outcome: Increasing legal certainty and fostering a well-informed ecosystem.

Adoption

- Goal: Drive the use of Cardano by businesses, organizations, and institutions.
- Strategies: Creating conditions for increased utility by reducing adoption and operational costs, improving tooling, and generally adhering to open-source principles.
- Result: Lowering barriers to entry and encouraging widespread integration of Cardano technology.

2. Focus on innovative on-chain solutions

In addition, the team focused on projects that provide on-chain enhancements in three critical areas:

Traceability

- Purpose: Increase data transparency across various sectors and institutions.

Authenticity

- Objective: Offer provenance and trust for multiple types of assets.
- Features: Seamless, secure experiences protecting licensed property.

Sustainability

- Goal: Upgrade systems for measurable social and environmental impact.
- Target: Organizations looking to comply with or achieve environmental, social, and governance (ESG) goals.

3. Additional evaluation criteria

The team also considered:

- Open-source projects: Prioritizing initiatives that can have a broad impact on the Cardano blockchain.
- Governance relevance: Focusing on proposals that contribute to the evolving governance model of Cardano.
- Catalyst track record: Considering the historical performance and contributions of project teams in previous Catalyst rounds.

4. Cross-functional team approach

A diverse team comprising members from community engagement, sustainability initiatives, engineering expertise, and marketing strategy has been assembled. This cross-functional approach ensures a holistic evaluation of projects, leveraging varied perspectives and expertise.

Conclusion

This comprehensive approach to Project Catalyst voting reflects the Cardano Foundation's commitment to strategic Cardano ecosystem development. By carefully evaluating proposals against the above criteria, the Foundation aims to support projects that will significantly advance Cardano's technology, adoption, and impact. This inaugural participation in Catalyst voting represents a pivotal moment for the Foundation further and actively helping to shape the future of the Cardano ecosystem.

See the Cardano Foundation's Project Catalyst selection on the next page.

Cardano Foundation's Project Catalyst Selection

Partners and Real World Integrations	ACCO2 - The end of eco-fraud! An open-source blockchain and science-based framework for carbon accounting (ACCO2) in the steel industry.
	Cardano & Klüh Group: IAM Blueprint for the Security Industry. Klüh Group: 1bn+ EUR revenues, 59,000 Employees Across 49 Branches, 4,200 B2B customers
	Cutting-edge web3 threat detection for the Cardano Network by Check Point Software Security
	FC Barcelona + Community management + Using Cardano tech
	Techstars investment-readiness program for Cardano Builders
Cardano Open - Ecosystem	9 DAO sample projects - Prepare for Voltaire
	Academic Research at UBA, one of the most prestigious Universities in LATAM, with focus on Decentralized Governance Research.
	AI RAG Analysis of CIP 1694
	Better Governance for Professional Groups with Cardano DAO Tools
	Cardano Ghana CIP-1694 Governance Working Group
	Cardano Governance Working Groups in Universities
	Cardano Mexico: Governance working groups
	CIP-1694 and Cardano Governance workshop - Bengaluru, India
	dRep Ambassador
	Effective Campaign Strategies: Latam DREP Candidate Workshops
	Governance, Mentorship and Educational Outreach in 5 Central America Countries
	Governance, Mentorship and Educational Outreach in 5 South America Countries
	Grassroots Governance Community Forums
	Online interactive educational resources for Voltaire
	Organizational habits and Principles: The Governance and Collaboration Study Group
	Raising Awareness & Facilitating dRep Onboarding Globally.
	Research project in the Wampis indigenous Nation about the uses of Blockchain to Self-governance
	Satirical animated series created through a community-driven process.
	Set of standard DAO governance documents: Legal toolkit for Cardano ecosystem
	Support DRep to connect Delegators (CIP-1694)
	Cardano Vietnam Developer Boot Camp & Hackathon
	Legally enforceable contracts in ADA, in compliance with Argentine laws
	TapTools: API Hackathon
	Building the Future: Partnering to Create Chile's Leading Blockchain Lab
	Cardano Forest [blocktree.asia] - Foster Trust in Reforestation Impact Report - Enhance Security & Accuracy of Data Collecting Tool
	Onboarding via physicals: Bringing first-timers to Cardano - Danketsu
	Onboarding Cardano developers - Training women in the Ivory Coast
	UNDP x Cardano: Blockchain initiative for city and industry networks
	EXTENDING CARDANO PARTICIPATION TO WOMEN IN GHANA
	Component 3/4: Polygon SDG for business adapted to Cardano: bringing finance and success to impact startups
	Component 4/4: Cardano for a Responsible Revolution: Bridging Blockchain with Global Sustainability
	Konsensus: Educating Refugees on Cardano

	Cardano-East Africa Hackathon: Improving education through blockchain
	Virtual Web3/4Good Conference at Cardano Summit Dubai 2024 (with Positive Blockchain, ImpactPlus and United Nations Development Programme)
	Component 2/4: Expanding Cardano in Africa: Uncovering Growth and Investment Opportunities
	African Women in Cardano: Strengthening the Ecosystem and Inclusion
	Onboarding women entrepreneurs in the Ivory Coast with Seedstars and Project Catalyst
	Sustainable ADA X Cattle Daddy X Clay Nation = TRIPLE SMASH
Cardano Open - Developers	A Real-Time Cardano-specific Desk Watch (open-source with DIY assembly instructions and 3D-printed case). Ideal for Node Operators / SPOs / DReps for monitoring key metrics seamlessly.
	AI Assistant for Governance: Empowering Team-Based dReps
	Open-source for Wallet on Telegram integrated Sanchonet GOV Tool
	Cardano UI Component Library by Lido Nation
	Paideia - Building Blocks for Complex Treasury Management
	Zero-Knowledge (zkSNARK) Voting Protocol on Cardano for DAO Governance [open source]
	Governance Platform: Cardano Voltaire CIP-1694 DReps Transparency & Community Portal
	Optim DAO Stack -- Next-Gen DAO Software -- Open Source, Modular, Plutus V2/3 + Aiken.
	Upgrade Cardano wallet js for Chang HF
	Gasless Tx Library: Empowering Cardano dApps & DAOs to Sponsor Gas Fees to Increase User Base and Adoption - Open-source
	Cardano Codec add support for Chang HF
	Cardano DAO Governance Dashboard: Voting & Treasury
	DE-UPLC: Visual Studio Code Extension for Debugging and Visualizing Plutus Bytecode
	OpShin Audit
	Cardano.Sync A .NET/C# Indexing Framework for Cardano
	Pondora Typescript SDK - Simplifying interaction with Next Gen DeFi protocols
	Open-Source One-Click Wallet Library: No Extensions Needed
	Incorporating Plonk into AK-381 Zero-Knowledge Library
	Cardano Swift - SDK for Apple Development (Cardano Serialization Library x Rust)
	Cardano-Midnight ZKBridge: Port Assets between Midnight and Cardano
	Blaze: Tools for Handling and Managing Script Deployments
	Blaze: Fully Featured Ledger Emulator, Transaction Builder for the Chang Hard Fork and PlutusV3
	Blaze: Plutus Data Serialisation
	Account Abstraction: Replacing Seed Phrases with User Friendly Mechanism for Non-Custodial Wallets on Cardano
	genun Non-Predatory Betting Protocol in Ascent: Rivals
	Dandelion-lite: Decentralized nodes for dummies for GC, Gimbalabs, Roundtable and devs
	Hlabs: CIP-113 - Finalize the standard for assets with programmability over transfers
	Anastasia Labs - Smart Contract Formal Verification Framework
	Griffin: A Substrate node that supports Plutus by TxPipe
	OgmiosDotnet: An Open Source .NET Client for Cardano Node Communication
	Amaru: P2P networking component by TxPipe
	Telchar: Plutus blacksmith by TxPipe
	Scalus: Multiplatform Tx Builder - same code for front&backend
	Boros: Tx submission for intense workloads by TxPipe
	Blaze: Maintenance, Security Improvements, Testing & Assurances for the Blaze SDK

	Cardano Laboratory: A Development and Testing Environment for Cardano
	SIDAN MeshJS - Advance Cardano SDK in Rust
	Djed Shu Stablecoin Implementation
	DeltaDeFi - Open Source Libraries for High Frequency Trading
	Anastasia Labs - ZK Accelerate : A User-Friendly Smart Contract Library for ZK contracts
	Gimbalabs - Flagship Course for Aiken
	Sky Protocol: Data Availability for Cardano Layer 2 Solutions
	MLabs - Efficient Contract Upgrades with Yielding Tx Pattern
	Cardano Native Token Dex Price Indexer in Kotlin
	Add more and easier levels to Cardano Capture the Flag (CTF)
	zkFold: UPLC Converter
	Sustain and Maintain Mesh SDK
	Hlabs: Mutexo - an UTxO coordination layer
	AIKEN ZKP standards library for Cardano
	Mesh New Features to Improve Developer experience and Cardano Adoption
	Minswap SDK for Stableswap + AMM v2 + LBE v2
	Decentralized Farming Contracts
	NMKR SDK for Godot
	Scalus: Plutus V3 support
	Lace Anatomy: Tx Viewer and Builder by TxPipe
	HydroGenuine - Open source track and trace platform with green energy use-case on Cardano
	Redesign of Catalyst's proposal review system and methodology [by TrustLevel, Photrek & Lidonation]
	Decentralised Batcher Framework with DAO governance
	Grabbit Onchain Charity Registry
Cardano Use Cases - Concept	Plutus Learning Platform: Coding Environment and AI-Enhanced
	Tackling Slipage on Cardano: MAYZ Trustless OTC Smart Contract
	Masked NFT Research on privacy data management by NFT
	Mesh Software as a Service
	Cosmex Pay - L2 Hydra-like payment system
	Decentralised 2-way Cardano<->Bitcoin Bridge with BitVM2
	Cardano Lightning Network (Phase 1) - Payment Gateways
	A scalable multi-sig / DAO on Plutus v3
	DLT360: Highly Beneficial DAO Use-Cases for Corporate World
	Agora by ZKorum - a ZK-powered eDemocracy platform
	[selfdriven]5 Path to Decentralised Self-Driven Learning Communities (Sociological Research/ Systems Theory)
	Open source dynamic assets (Token/NFT) generator (CIP68)
	Cardano-Powered RWA Tokenization for Real-World Diamonds
	Fractionalize RWAs into Native Tokens on Cardano (open source, no-code solution)
	Open Source Impact Measurement System for Catalyst Proposals, NGOs, & Cardano Native Tokens
	EcoMandala: Hexagonal NFTs for Geospatial Data Integrity on Cardano
	Fida & PAINS - Research and PoC for Decentralized Earthquake Parametric Insurance
	FINGO Funding Instrument for Non Gubernamental Organizations

	From Paper Deeds to Cardano SSI VCs in East Africa, Secure Digital Land Ownership for East Africa, accelerating Cardano adoption
	Maternal Mortality Crisis Solution - DoulaID: an identity app
	Leveraging National ID system in Ethiopia for more scalable adoption of Cardano in identity solutions
	AgriLens: Research & empowering Nepali farmers with real-time insights and image recognition technology
	Implementing the Cardano Foundation Identity Wallet in Landano
	Art Beyond Borders: NFT Global Youth Art Competition & Marketplace leveraging NMKR
	Social Impact Marketplace (SIM)
	The Malama Project: Distributed Hawaii Carbon Credits on Cardano
	CardanoChain Poultry Trace dApp: Transparent Supply for Safe, Quality Products
	TribalDAOs = Indigenous Economic Sovereignty
	Digital voter ID using Atala prism
	The Malama Project: Oracle Concept for Hawaii Environmental Data
	Real World Farm Assets Tokenization Launchpad by Yenna Tech
	Dung beetle Dao, a decentralized waste management platform
	Plastic Credits System on Cardano: A P2S Dapp for supporting Child Education using Plastic Credits
	AgroTradeNet: Empowering Global Agriculture Through Cardano's Decentralized Infrastructure
	Cardano-based DID for RWA and Tokenized Assets
	DePIN Protocol For Scientific Data
	SeedlingXchange :building a decentralized platform to connect farmers and global investors.
	Adachain, the Cardano Blockchain-Based Donation Platform
	SDG3: Health App - Secure Data for Global Health
	Eonpower: Solar Solutions for Off-Grid Africa, Enhanced by Cardano
	Component 1/4: Web3 Legal Ease: Streamlining Legal Barriers for Business Growth
Cardano Use Cases - MVP	Cardano Layer 2: Hydrozoa protocol for lightweight and flexible Hydra Heads for Cardano
	UNBOX: Launching Cardano's first Native Programmable Token
	Ikigai Free, Walletless CIP-68 Minting Platform and Tooling
	Cardano on BigQuery: open, fast and easy querying of on-chain data
	Paideia - Open Source DAO Management App (Mobile and Desktop)
	Anastasia Labs X MoneyKit - Transaction Manifests & FinTech Platform Integration for Cardano
	Do you want a Go Cardano node? Because this is how you get a Go Cardano node!
	OUSD - Yield-Bearing, Well-Pegged, Scalable Cardano Stablecoin
	OTOKEN System - Yield Bearing Token System for Cardano DeFi
	Subbit.xyz : Cardano's featherweight L2
	Real-world job contract signing on Cardano utilizing SSI
	zkFold x zkPass: Bring zkPass to Cardano
	Hydra-Enabled Accounting and Micropayments System
	XSigner Cardano Multisig Wallet
	BTC/ETH smart accounts on Cardano
	dRepWatch - A Sustainable Platform for Informed Voters
	RYP/Reach Your People: Governance, Stakepool and on-chain activity right to your inbox
	DAO Suisse - Compliant DAO Launcher on Cardano
	White Label KYC for MBO

	Catalyst & Cardano DReps Evaluation & Reputation Protocol [by TrustLevel]
	Pledgio - an innovative community crowdfunding solution.
	Open Source Decentralized On-Chain Ecosystem Mapping Tool
	Satellite Agriculture dApps with DigiFarm & NMKR
	Karbon Ledger: Blockchain-Based Carbon Neutrality Protocol
	Launching Landano land rights on Cardano mainnet
	Tokenized Solar PV Ownership on Cardano (RWAs): Renewable Energy Fractions Platform
	DLT360: auditShare - A Powerful Audit Sharing Platform (MVP)
	ADA Solar: Collaborative Solar Energy Investment Platform on Cardano
	Transparency Impact Grants Platform for United Nations and agencies (porting over from Algorand) - untapped multi-billion development market
	Impact Web3's Proof of Impact Platform - Scaling Positive Impact Bridging Cardano4Good Projects to the Wider Sustainability World
	Wine Supply Chain Tracking and Reporting System
	Web3 Carbon Dashboard with PositiveBlockchain & ECOTA
	Cardano Forest [blocktree.asia] - Foster Trust in Reforestation Impact Report - Apply IoTs in Collecting Forest Data
	AI Powered Tokenization of Regenerative Assets on Cardano
	KWARXS + MLabs - "Fracturizing: Revolutionize, Evolve"
	Fida - (Re)Insurance Investment Marketplace
	CHARLI3: Partner-chain Oracle use-case implementation
	Grow Cardano DeFi with transparent on-chain Fund Management platform
	From Vacancy to Vitality: Cardano DAO and RWAs Transforming 424,000 Homes into \$33 Billion Economic Hubs
	HealthPilot: Navigating a New Era in Healthcare with AI and Blockchain Innovation
	Domino DAO: Where Impact Measurement, Impact Investing, and Impact Evaluation collide with decentralization for a positive ripple effect
	zkFold x Defy: Cross-border payment infra using ZK tech
	XSY - On-chain DApp Certifications
Cardano Use Cases - Product	Anastasia Labs - Midgard: Cardano Layer 2
	Tokeo & Maestro: Cross-chain swaps via Maya Protocol.
	Begin Wallet Version 2 by Francis, Fluid and IAMX for Voting, Biometric Seedphrase, Payment Module shopify, Wallet can handle Bitcoin
	Genius Yield Atlas 2.0: PAB improvements and advanced UTXO features
	Ikigai + MLABS - Hydra-Auction Update - Fully-backed Bids
	Iagon: Statur - Reputation Model for Cardano Ecosystem that encourages positive behavior
	Cexplorer enhancements (rewamp, open-source, web3, SDK, API)
	CHARLI3: Scaling oracle node operator pools with selector mechanism
	Orcfax architecture audit
	Bitcoin Runes on Cardano via Rosen Bridge
	OADA Leverage / Borrowing dApp efficient leverage for Cardano DeFi
	OADA - TVL, Volume, and Network Sustainability via DeFi Yield
	Genius Yield Regulatory-compliant RWA swaps
	DexHunter Interface Upgrade
	Adding Leverage to DexHunter
	Minswap + Fluid Tokens: a "smart token" DEX on Cardano

	Wanchain's Cardano Bridge Audit
	Xerberus Platform Front-end Upgrade
	zkFold: Smart Contract Wallet Backend
	DAO DApp for on-chain community collaboration
	Summon: Feedback Polls for DReps & SPOs
	Tempo, Empowering Cardano's Community Governance
	Revolutionize DAOs: Integrate KYC, KYB, KYT, AML into Clarity. Unlock Next-Level Decentralized Management on Cardano.
	Summon Vaults: Intent Based Treasuries
	Satellite Oracles: Towards Trustless Dissemination of Earth Observation Data by TxPipe, NMKR & Gamma Earth
	Blockchain Academic Registry for Universities
	Plastiks x NMKR: Bringing successful Plastic Credits Marketplace from Celo Blockchain to Cardano
	Land Registry and Ownership document parser using Artificial Intelligence (AI)
	Work Courses: Onboarding The \$142B EdTech Industry & The 70M Students Using Digital Learning To Cardano
	MineFreeUkraine: Cardano-based DeFi Platform for Large-Scale Humanitarian Demining and Socio-Economic Recovery of Ukraine