



Sia Foundation
Quarterly Report

Q4 2023

CONTENTS

HIGHLIGHTS	2
STAFFING	4
GRANTS	5
COMMUNITY	8
DEVELOPMENT	9
FINANCIALS	10
NEXT QUARTER	11



HIGHLIGHTS

**OCTOBER
2023**

● Murray joins the Foundation as Technical Writer

**NOVEMBER
2023**

● The Foundation holds its first company summit, bringing team members together to discuss goals and strategy.

**DECEMBER
2023**

● renterd and hostd hit v1.0.0, an important milestone indicating stability and long-term support



**Jan
2024**



**Quarterly
Report**

STAFFING



Luke



Chris



Frances



Nate



James



Josh



Alex



Kino



Eddie



Steve



PJ



Chris



Oliver



Murray

Murray joined the Sia Foundation in October as our new Technical Writer. Murray has been an active member within the Sia community for the past few years and strongly supports the Sia ethos. Murray will work on expanding the presence of Sia to everyday users by creating compelling content and guides to encourage new users to begin exploring the Sia ecosystem.

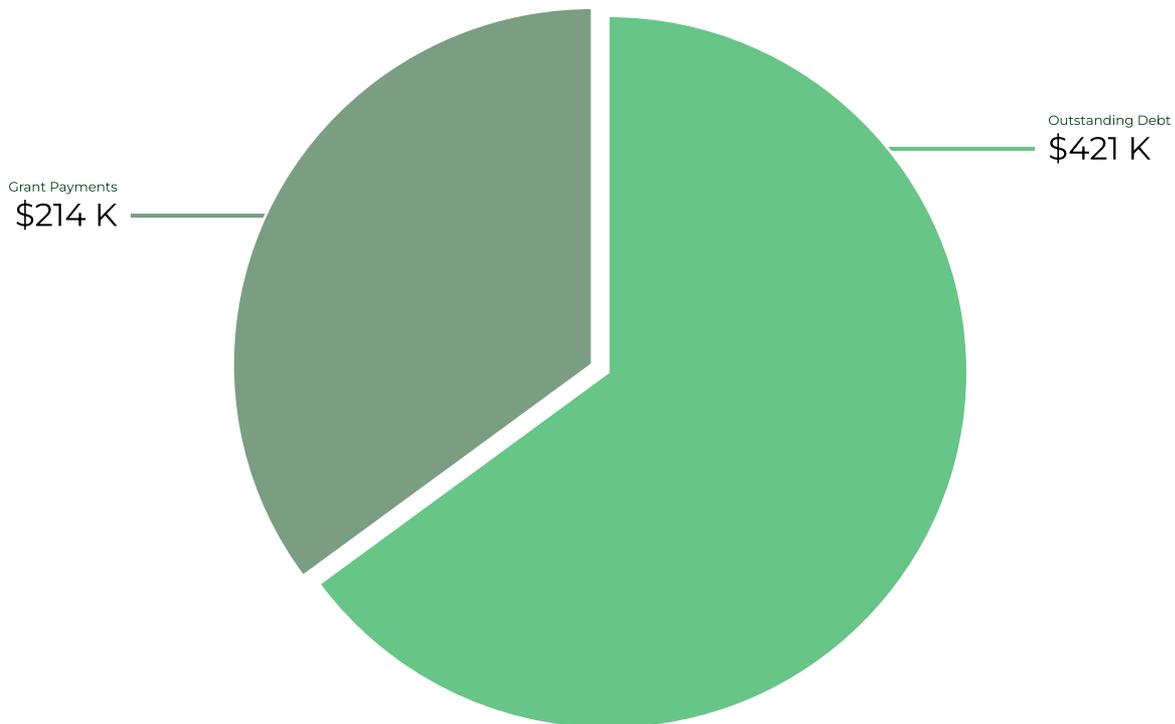


GRANTS

The Sia Foundation Grants Program funds independent teams entering the Sia ecosystem to perform development or other work for the public benefit. Some key areas of funding include: wallets, interoperability, apps, services, integrations, research, and content creation.

The grants program is administered by the Foundation and a committee consisting of 3 community members and 3 Sia Foundation employees. The committee meets bi-weekly to discuss new grant submissions.

In Q4, the grant committee approved 14 grants totaling **\$437,650.00 USD**. Of those, 6 were small grants. In addition, **\$213,503.30 USD** was paid to 26 ongoing grant projects.



APPROVED GRANTS

Atomic Swaps

\$100,000 USD

Integrate Sia into the decentralized exchange (DEX), AtomicDEX.

HostScore

\$52,000 USD

Create an open source host benchmarking service that scores hosts and provides them to renters based on selected criteria.

Investment Tracker

\$9,550 USD

Open-source webapp to track daily, weekly, and monthly P&L's of investments where users fully own their account data.

IPFSR

\$23,000 USD

Creating an IPFS gateway backed by Sia decentralized storage.

Lume Web 2

\$79,000 USD

Creating a user-friendly universal gateway into web3 backed by Sia storage.

Mintyplex

\$9,500 USD

A secure digital commerce platform using IPFS backed by Sia storage and on-chain certificates of authenticity.

Proxmox Cloud Extension

\$82,000 USD

Creating a Proxmox extension enabling backups of Proxmox VMs to Sia

Telegram Alert Bot

\$5,000 USD

A bot that sends alerts from hostd and renterd to telegram

Sia Grafana Data Source

\$12,000 USD

Creating a dashboard to pull data from hostd and renterd nodes into Grafana



APPROVED GRANTS

Sia People Learn

\$25,000 USD

Video learning platform focusing on decentralization, web3 and blockchain backed by Sia storage

Sia Satellite

\$16,000 USD

Adding upload packing and S3 support to the Sia Satellite service enabling users to pay for storage using a credit card and get access to an S3-compatible gateway.

SiaShare

\$5,000 USD

SiaShare enables users to share files without any privacy concerns, similar to WormHole. Files are encrypted before leaving the user's browser.

SkyMusic

\$9,600 USD

A web-based music streaming application and decentralized alternative to Spotify, operating on S5/Sia.

Blockchain Gazette

\$10,000 USD

Creating a 5-video whiteboard animation series for developers and users centered on decentralized storage and using the Sia network



COMMUNITY

Events

Community Call - February 5th 2024 @ 8:00 AM PST

Join Oliver for our monthly community call where we'll talk about the state of Sia, updates to our roadmap, and get feedback from our community.

Sia Innovate & Integrate Hackathon - Dec 15th, 2023 - Jan 15th, 2024

Whether you're a developer or a content creator. Build a project or educate users on the value of decentralized storage. Submit your projects now for a chance at one of six prizes!

Published Articles

- [Storage Contracts and Trustless Agreements](#)
- [Sia Innovate and Integrate: Christmas 2023 Hackathon](#)
- [Sia S3 Integration: Duplicati](#)
- [The State of Sia, December 2023](#)
- [Grants Program Update, November 2023](#)
- [Community Spotlight: Sia Satellite](#)
- [Sia S3 Integration: IPFS](#)
- [Sia S3 Integration: Nextcloud](#)
- [The State of Sia, November 2023](#)
- [Sia S3 Integration: rclone](#)
- [Risky Business](#)
- [Grants Program Update, October 2023](#)
- [Community Spotlight: hostd Prometheus exporter](#)
- [The State of Sia, October 2023](#)

Published Videos

- [Setting up renterd on the Zen Testnet - Windows](#)
- [Sia Community Call \(December 2023\)](#)
- [Renting on Sia - macOS](#)
- [Sia Community Call \(November 2023\)](#)
- [Sia Community Call \(October 2023\)](#)



DEVELOPMENT

renterd

In anticipation of the v1.0 release, work on `renterd` this quarter focused on significantly improving the first-time UX and performance. We introduced a new metrics API which allows for visualizing historical data, and enabled upload packing by default. `renterd` now also supports the long-awaited pruning of deleted files from file contracts, which can be automated via the autopilot.

hostd

Similar to `renterd`, `hostd` has seen great UI and UX improvements. New hosts will be able to get started immediately due to non-blocking volume creation, and `hostd` received its own webhook API to facilitate third-party integrations. `hostd` now also ships with the highly-anticipated migration tool, which allows existing `siad` hosts to easily migrate to `hostd` without losing their contracts.

core

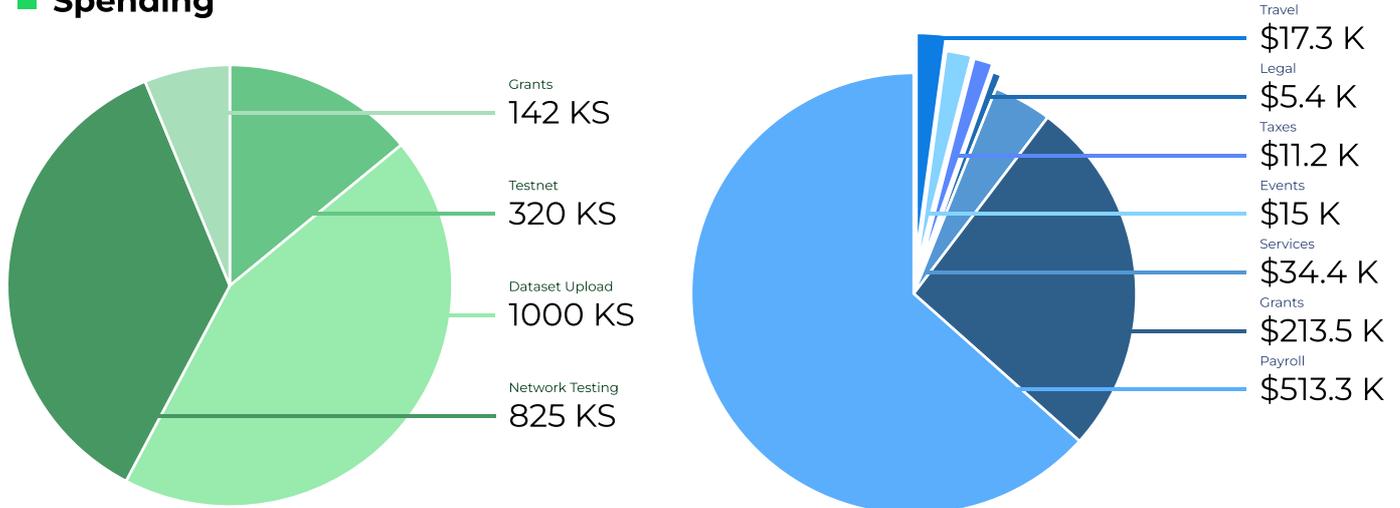
With the v2 hardfork implementation finished, work on `core` centered on addressing bugs and performance issues uncovered by automated testing and the Anagami v2 testnet. Now that `core` is functionally complete and smoothly powering `walletd`, the rest of our node software can be ported to this new architecture.



FINANCIALS

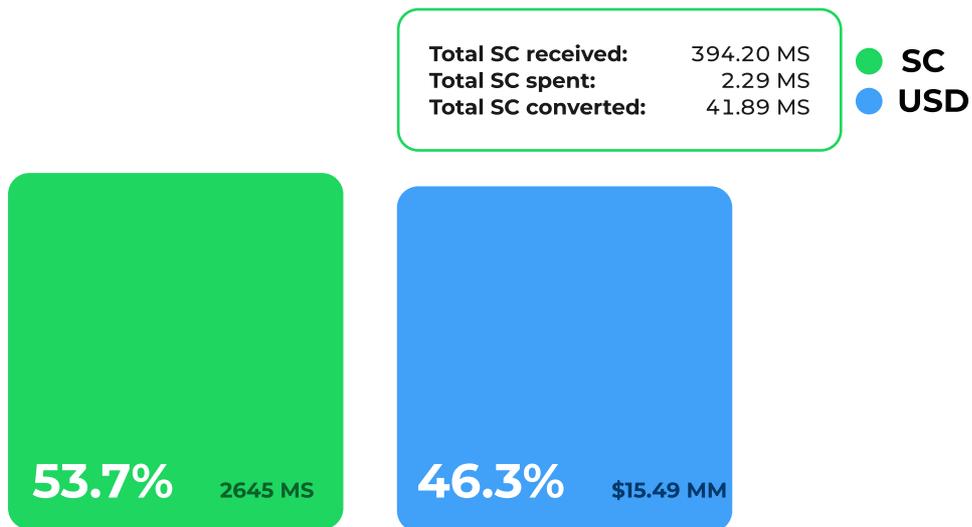
The Foundation’s USD expenses were typical this quarter, with the exception of additional event expenses and expenses for our team summit. SC expenses included a final grant payment to Alphaday, subsidies for the Zen testnet, funding for our in-house network testing, and uploading public datasets.

USD and SC Spending



The Foundation converted approximately 2.29 MS in Q4, in accordance with our budget. We expect to continue accumulating in Q1.

Asset Review





Things we have never done

The Sia Foundation has never modified its website, transparency reports, or other public content at the request of law enforcement.

The Sia Foundation has never modified any of its software at the request of law enforcement.

The Sia Foundation has never turned over its release-signing key to any law enforcement organization or other third party.



NEXT QUARTER

Migrate `hostd` and `renterd` to core

In order to be compatible with the upcoming v2 hardfork, `hostd` and `renterd` will need to be migrated to the `core` Sia packages. This final step will complete the transition from legacy `siad` codebase, unlocking new functionality and better performance. This is a significant technical change that will need to be thoroughly tested for backwards compatibility.

Upgrade Zen Testnet

Despite a rocky start, the Anagami testnet is giving the community its first taste of Sia v2, and is approaching stability. Once the remaining issues have been ironed out, the next stage of v2 deployment is to activate the hardfork on Zen, our production testnet. This will expose the hardfork code to a wider base of testers, including hosts and renters, providing us with invaluable data prior to the Mainnet launch.

Release `walletd`

`walletd` is our flagship wallet node, designed for the needs of exchanges, miners, and everyday hodlers alike. It has been in development for a while now, largely as a testbed for the new `core` packages and the v2 hardfork. But with that hardfork on the horizon, and with `hostd` and `renterd` hitting maturity milestones, it's time to give `walletd` a proper release and fill out our suite of node software.

