Chia Grant Proposal

1. Overview

Founded by Bram Cohen, the inventor of BitTorrent, Chia is a next-generation, open source blockchain that has been built from the ground up to meet the needs of the future of interconnected markets. Building on the benefits of existing technologies that are secure and public, Chia extended them and added sustainability, compliance and programmability while enhancing security.

More specifically, Chia is a blockchain and smart transaction platform that implements the first new Nakamoto-style consensus algorithm since Bitcoin's proven success with the same since 2008 but uses *"proof of space and time" to replace energy-intensive "proof of work."*

And Chialisp is Chia's new on-chain programming language that is powerful, easy to audit, and secure, and it will make cryptocurrency easier to use than cash.

2. Detailed Objective

There's a lot to peruse up-front for this project from all the online resources, from the web site, https://www.chia.net, to the code, https://github.com/Chia-Network, and it would be asking too much to learn Chia, come up with an idea for a killer application, and implement and deploy it on the Chia main network; and it would be difficult to measure the value or success without feedback from the Chia leadership, community, and ecosystem.

Instead, the main objective is to develop a fully fleshed-out in-depth proposal that incorporates not only a solid idea, but also a minimal working prototype on the Chia test network, roadmap and milestones, fiscal and resource budgets for full development, team information, etc, and submit it to the Chia Cultivation Grant Program for consideration for funding. We can think about what to do if your proposal is funded. :)

3. Requirements

Spend some time understanding the underlying Chia technology but spend more time understanding the higher-level features of Chia to be able to propose a compelling Chia-based application, e.g., Chia's CAT1 standard, https://www.chia.net/2021/11/15/the-CATs-out-of-the-bag.en.html.

It would be helpful—though not required, since your project's mentor can help—to have general knowledge of the world of cryptocurrencies and blockchains, especially Bitcoin/Ethereum, and familiarity with terms like DeFi, NFT, Web3, DAO, and yield (bonus points: metaverse).

4. Project Success Criteria

The delivery of a complete proposal to the Chia Cultivation Grant Program and the deployment of the prototype on the Chia testnet.

5. Points of Contact

Joe Latone will be the business and technical guide.