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Space Entrepreneurship and Investment: The Practitioners' Perspectives (1)

Author: Mr. Justin Park
United States, justinpark01@gmail.com

ANALYSIS AND FORECAST OF THE BLOCKCHAIN WITH REGARDS TO SPACE FINANCE

Abstract

This report takes a deep dive into the way cryptocurrencies and token-based economies have played a unique role in the financing of space endeavors and the creation of space-centric Decentralized Autonomous Organizations (DAO). With the advent of recent Web3 infrastructure improvements and the emergence of governance tokens, entrepreneurs can use the blockchain as leverage to raise large amounts of capital, digitally poll those underwriters for managerial guidance, and redistribute funds in a completely transparent fashion.

This analysis presents examples of space projects with geographically distributed teams. It drills down into how those individual team leaders were able to overcome technical and cultural hurdles by using code as the fundamental building block of their organization. Open-source methodologies have existed for nearly as long as the Internet itself. However, until recently, there was no efficient system for properly compensating contributors for their work.

Readers of this study will discover major milestones that have been achieved, as well as several setbacks that have impacted the cryptocurrency community over the previous decade. The paper further discusses how the blockchain can be used to mitigate space debris, create a regulatory framework for handling interplanetary property rights, and how unfettered crowdsourcing can change the global financial landscape.