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Awaiting ID

No people from this abstract work for DARPA as Scientific Engineering Technical Assistance (SETA), Advisory and Assistance Services (A&AS), or similar support services.

All contracting support staff are aware of the timelines of the LunA-10 TA-1 program and are capable of negotiating a Research OT award in good faith with the Government in 30 days or less.

SPACE TRADEX

SOLUTIONS FOR THE COLLECTIVE

ABSTRACT

The Space Trade Exchange, or Space TradEX (**STX**) is a modern ledger solution for a P2P decentralized Extra-Terrestrial Resources (**ETR**) management program that could fund Universal Basic Income (**UBI**).

The Space TradEX blockchain could become the glue that connects extra-terrestrial colonization.

PROBLEM

Universal Basic Income (**UBI**) is an idea where every human would receive a set amount of money on a regular basis. Two primary goals of **UBI** are to eliminate poverty and provide economic freedom for everyone. This is not a new idea, as the concept of **UBI** has been around for decades if not centuries. But, its greatest adversary has always been program cost.

With nearly 8 billion humans on Earth, how could **UBI** be funded?

SOLUTION

UBI can be funded by a crypto tax from Extra-Terrestrial Resources originating in space, and recorded on the Ethereum Blockchain. All activities that happen off-world would be recorded on the blockchain, acting as an informational and financial nervous system.

STACK

SPACE TRADEX

Commercial interface for Extra-Terrestrial Resources

NODIUS

Celestial hardware for ETR accounting

STX NON-FUNGIBLE TOKEN (NFT)

NFT Minted contract of ETR

LUNANET

NASA infrastructure for moon internet

STARLINK

Low Earth Orbit (LEO) based satellite infrastructure for internet

ETHEREUM

Earth based blockchain for archiving STX NFTs

INTERPLANETARY FILE SYSTEM (IPFS) or

ARWEAVE

P2P Storage of ETR records

THE GRAPH

Indexing protocol for organizing blockchain data

CONSENSYS

Public interface to UBI

WORLDCOIN ORB

Blockchain based human verification system

COOPERATIONS NEEDED

United Nations
US Executive & Legislative Branches of Government
Department of Defense
Military Industrial Complex
Space Law
Mining Industry
Space Industry
Silicon Valley Influencers
Guilds & Unions

SUMMARY

Space TradEX supports celestial heritage protection while incentivizing commercial space development for the public good.

Space TradEX is a gateway between worlds.

Space TradEX bridges the physical to digital, and the extra-terrestrial to terrestrial.

Space TradEX creates a solution that funds Universal Basic Income for all humans.

Space TradEX is the anchor for our collective voice in this new era of digital and physical resources.

RESOURCES

Lee Holmes, "A Case For Ethereum Node Servers On The Moon, For Archiving Land Claims To The Blockchain," <https://www.dropbox.com/s/n8ii16lw5u2ge7o/Nodius-Case-For%20Ethereum-Node-Servers-On-The-Moon-v3.pdf>, 2015.

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Vitalik Buterin, "Ethereum White Paper: A Next Generation Smart Contract & Decentralized Application Platform," <https://github.com/ethereum/wiki/wiki/White-Paper>, 2014.