SPACE DECENTRAL

Connecting engineers, scientists, and future astronauts to devise and fund next-generation space initiatives.

info@spacedecentral.net

Content in this deck is subject to change.

Problem

SPACE PROGRAMS AND THEIR FUNDING METHODS ARE NOT DEMOCRATIC.

National space programs have been removed from public guidance and input while being insulated from any private third-party evaluation.

At the same time, these program's funding are mostly determined at the whims of politicians. The collective, global space budget for governments has declined every year since 1966.

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Solution

Space Decentral is a decentralized autonomous space agency aiming to reinvigorate the push for space exploration, with global citizens in control.

DECENTRALIZED

No single corporation or nation will be responsible for its management

AUTONOMOUS

Member control over how work is directed, how decisions are made, which projects to fund

SPACE AGENCY

Strategically develop a space plan to action with meaningful impact

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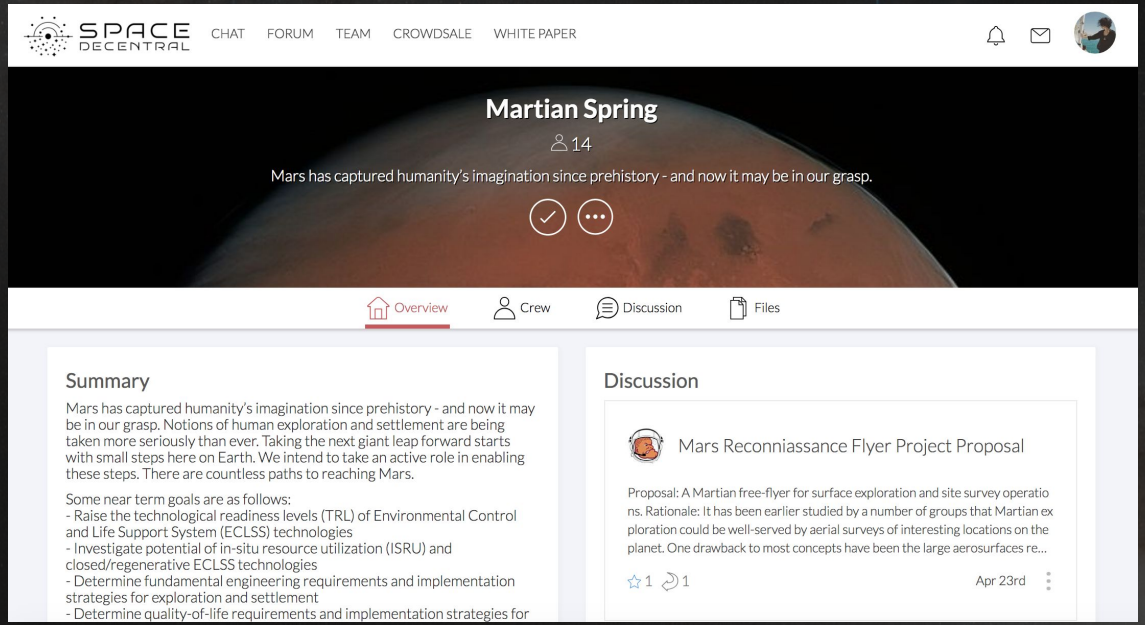
The Space Decentral Network

Social network for space and our first mission control center

Collaborate on Space Missions	Share Research for Peer Review	Incentivize Open Source	Crowdfund Large-scale Projects



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Pilot Space Projects

Two upcoming space projects will be researched on the network

Coral

Space Cooperative-lead space mission to design, develop, test, and ultimately demonstrate the use of equipment for lunar in-situ resource utilization to manufacture components for the construction of full-scale lunar infrastructure.

Team

Andy Gonzales
29 yrs at NASA
Systems Engineer

Brent Hilscher
15+ yrs mining engineering.

Donald Barker
27+ yrs aerospace, ex-NASA

John Paterson
20+ yrs aerospace ex-NASA, Lockheed

MarsSuit

UC Berkeley, cross-collaborative project lead by Larry Kuznetz, to come up with a spacesuit that will allow expeditionary crews to work effectively on Mars.

Team

Larry Kuznetz
40+ yrs NASA, currently UC Berkeley, ex-Apollo space suit scientist

Charlie Camarda
NASA Astronaut
40+ yrs at NASA

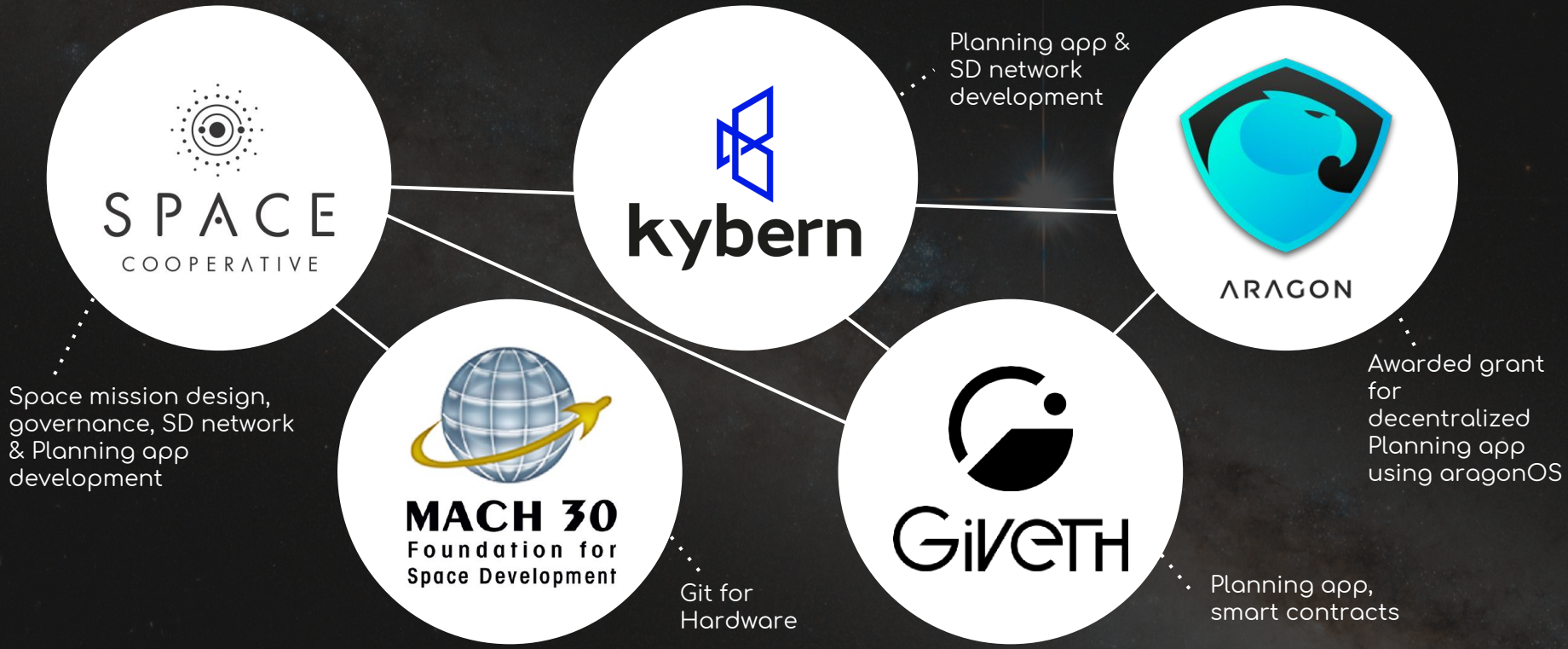
5+ universities, including MIT & Stanford

Boris Rubinski
UC Berkeley ME professor (35+ yrs academia)

Space Cooperative
Team & Advisors

Space Decentral DAO in the making

Organizations contributing to the roadmap...



Two Token Ecosystem

Faster Than Light

- Transferable ERC-20 token, purchased via ICO
- Stake FTL to receive member governance rights
- Used to prioritize programs (e.g. Moon vs Mars)
- Proposals have fees paid in FTL
-

Space Decentral Network

- Intellectual contributors will be rewarded with SDN tokens
- Rewards engine will proportionally distribute FTL to SDN holders
- SDN are non-transferable and never sold

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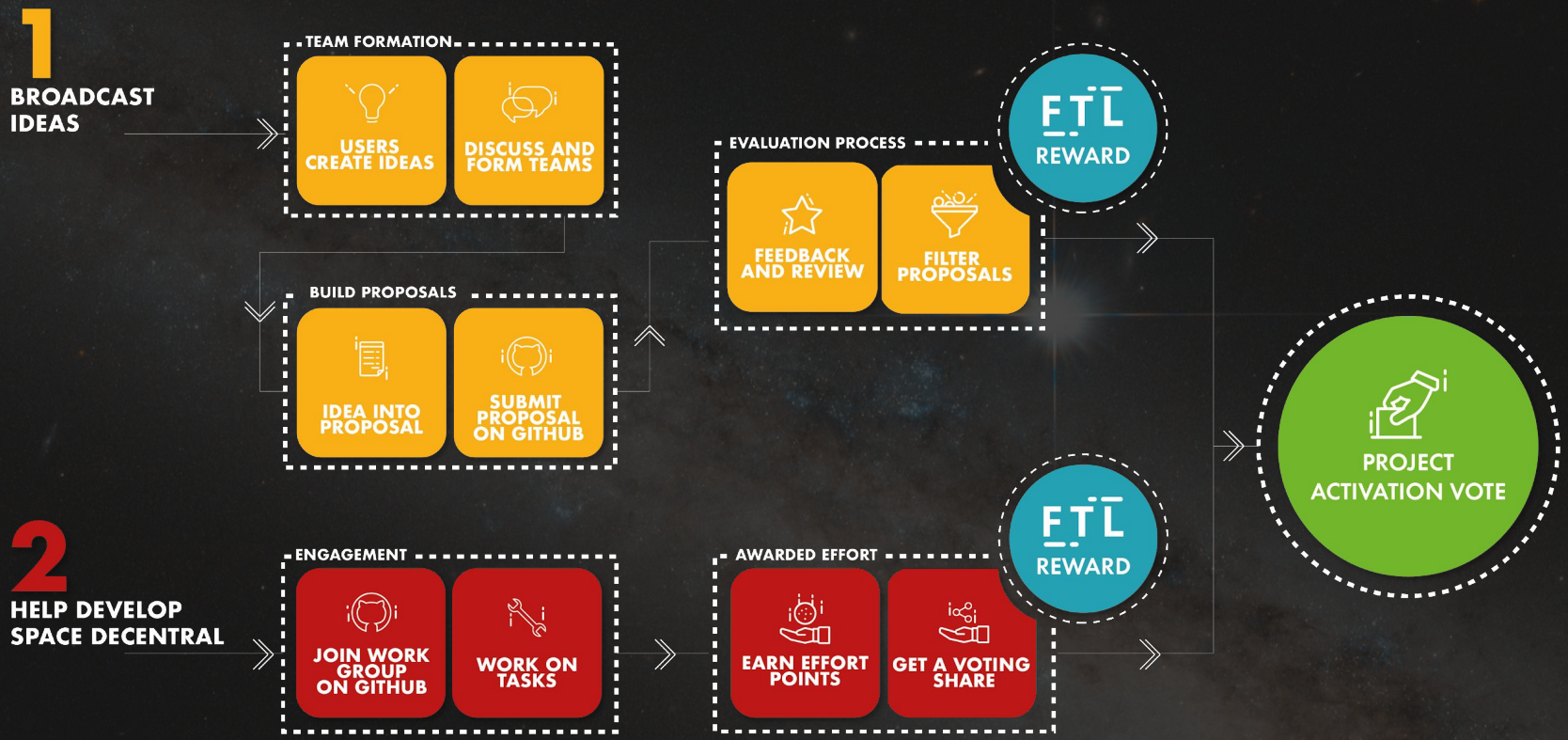
How are ideas crowdsourced?



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Technology Components

Space Decentral

Distributed Engineering Tools

Enable everyone to intellectually contribute to a new global space agency in a permissionless manner.

Aragon

Governance & Dapp Framework

Resource allocation and work prioritization will be openly organized with encoded operational procedures.

Ethereum

Blockchain

Facilitate trust with auditable work, open source smart contracts, and transparent finances.

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Roadmap

Q1
2019
ICO, Launch Aragon DAO on Mainnet

Q2
2019
Wiki, Aragon Integration

Q4
2019
Project Management Release

Q2
2020
Git for Hardware Release

Q4
2020
Systems Engineering Release

Tentative release schedule

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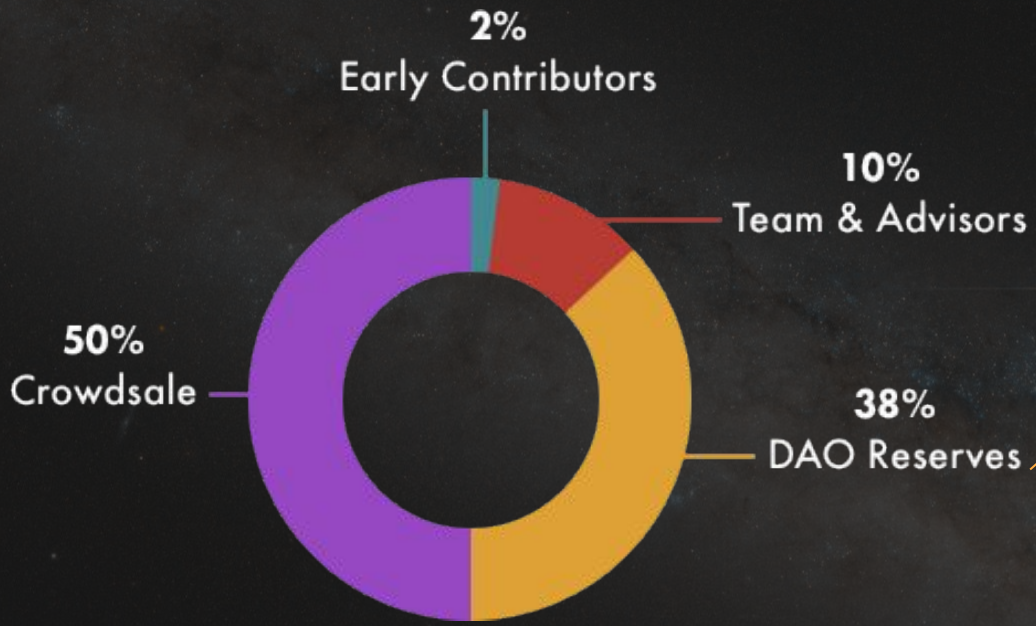
FTL Token Allocation



To build a thriving ecosystem, the Space Decentral DAO will transparently distribute 38% of the token supply over at least 4 years to those who contribute to the network's strategic plans, projects, and knowledge base. Additionally, these reserves can be sold to fund space missions.

Total of 299,792,458 tokens

...the speed of light

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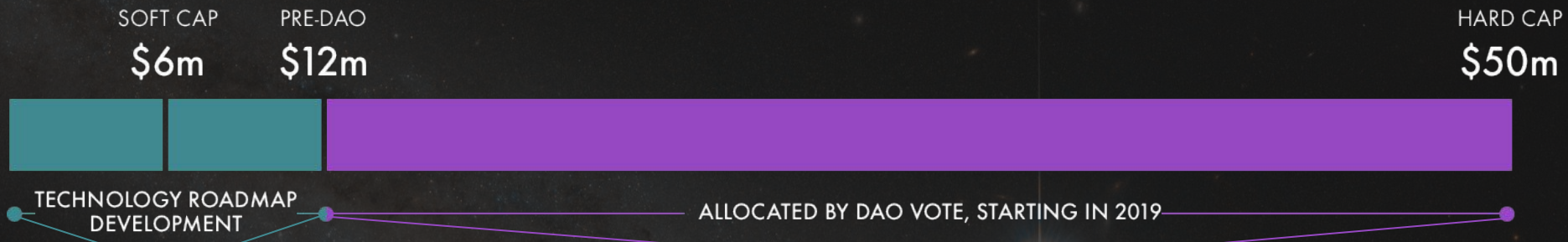
Funding Milestones



We will develop the *technology roadmap* to enable decentralized space missions.

Purchasing the FTL is the DAO's first vote to fund the "IT department" and genesis knowledge base.

This will be used to fund missions and enabling technologies.

The first actual space mission must be selected by the DAO for this space agency to be truly decentralized.

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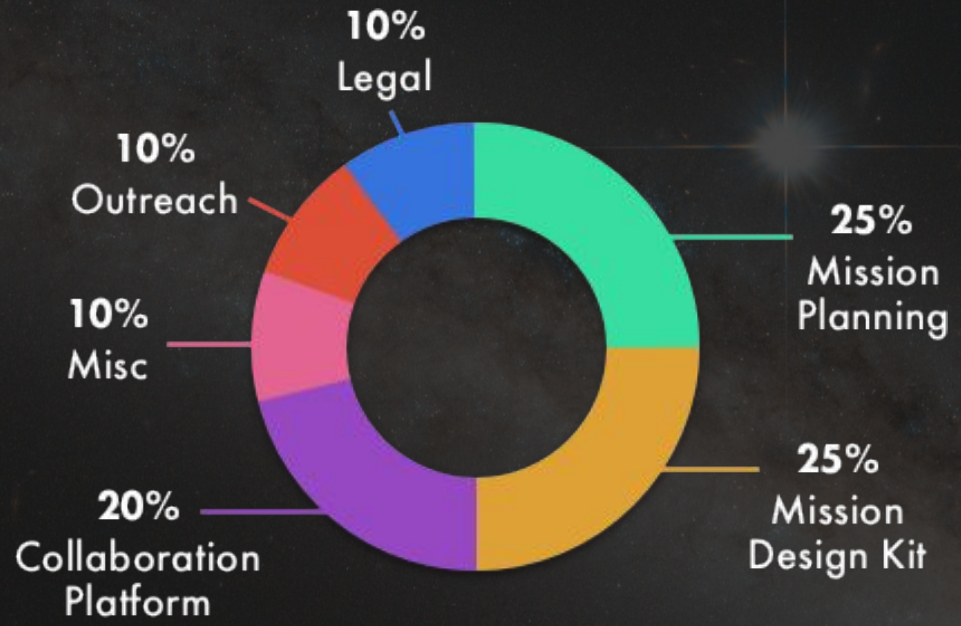
Use of Revenue

How the technology roadmap funding raised from the token generation event will be allocated...



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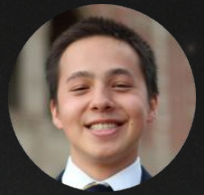
Team

Yalda Mousavinia

Strategic Lead

Previously Sr. PM at Oracle, PM for 10+ yrs, BS in Mechanical Engineering (UC Berkeley) & Astronautical Engineering Cert (UCLA).



Patrick Donovan

Engineering Lead

Seasoned in structural design. NASA recognized for Mars ISRU concept. BS in Civil Engineering (UCLA) & EIT certified.

Dr. Marc Cohen

Mission Architecture Lead

Impassioned, licensed architect devoted to space architecture. Previously at NASA Ames (26 yrs), Northrop Grumman (4.5 yrs).

Radek Zasiadczuk

Tech Lead

Multi-skilled full stack developer, senior system administrator, DevOps. Previously at Oracle (13 yrs).

Kevin Siegler

Software Engineer

Experienced electromechanical engineer. BS & MS in Mech. Engineering (Northwestern). Expected MS in CS (Georgia Tech).

Suzi Bianco

Mission Architect

Seasoned architect. BS Architecture (Federal Fluminense). MBA (Fundação Getúlio Vargas). MS in Space Architecture (U. of Houston).

Advisors

Brent Sherwood

Program Manager, JPL

Space architect with 29 years of professional experience in the space industry. He has been at NASA JPL for 12 years, where he is Program Manager for planetary mission formulation. He funds and coaches teams that create and propose mission concepts for scientific exploration.

J. Simmons

President, Mach 30

Founded and serves as the President of Mach 30, a non-profit dedicated to hastening the advancement of humanity into a spacefaring civilization through the development of open source spaceflight hardware. J. received his doctorate in Space Systems Engineering from the Air Force Institute of Technology.

Paolo Tasca

Executive Director, Center for Blockchain at UCL

FinTech economist specializing in P2P financial systems. Advisor on blockchain for the EU Parliament and the United Nations. Founder and Executive Director of the Centre for Blockchain Technologies at University College London.

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