

Cannabis Genome DAO

Incentivizing participation in open-source
cannabis genome research.



January 2022

**Project
Overview**

CannabisGeno.me



Guiding Principle

Why should we have open-source cannabis genome data?

Should all cannabis genome data be open-source/open-access?

You can see how people vote. [Learn more](#)

Yes ✓

71%

No

14%

Maybe

9%

Not sure

6%

153 votes • Poll closed • [Remove vote](#)



54 comments

We believe all cannabis is medicine and therefore the genomic data should be in the public domain.

Core Values

Data Sharing Needs Fixing

We imagine a world where public and private incentives to share data are aligned both financially and ethically.

Decentralized and pseudonymous ownership facilitate this via radical transparency.

01

Knowledge Is Power

In the information age, access to knowledge empowers us as individuals and as a species by leveling the playing field for all.

02

Data Is Valuable

There's a lot of controversy over who receives benefits from information being shared.

03

Equality Benefits Everyone

Data is often hidden away because people and companies are incentivized to keep it private. This centralizes power while impeding growth due to redundancy and lost information.

Solution

A New Way to Own and Share

Implementing these concepts on a publicly audited and open-source blockchain supports a truly honest meritocratic democracy.

Our app gives people ownership over their data in a public marketplace that they govern using a DAO.

DECENTRALIZED

Radical transparency via blockchain ledgers.

AUTONOMOUS

Smart contracts enable trustless and permissionless enforcement of agreements.

ORGANIZATION

Rules are proposed and decided on collectively. Participation is rewarded by peer groups and algorithmic systems.

History

The extraordinary range of shapes, sizes and colors that can be produced by genetically distinct varieties of cannabis is a only a glimpse of the underlying genetic diversity.

The necessarily clandestine nature of cannabis cultivation over the past century resulted in a distributed network of primarily small scale producers, particularly the breeders.

Ideation

Recognition that tools have become available to solve the problems of data ownership and privacy.

Building

Apply the principles of value creation using digital tokens and community governance to cannabis science & breeding.

Launch

Hand over the keys to the people who actually use the system so that they can benefit from thier work while fueling an open-access economy.

CannabisGeno.me



DAO's are growing rapidly in popularity as a form of community governance and funding.



*AUM = Assets under management

How Humans Organize Is Evolving

Total AUM

\$14.3B

162 Organizations

183 DAOs

↗ 1.1B in 1 month

↗ 253.3M in 1 week



deepdao.io



Comparison

Type of Organization

Has a Mission/Purpose

Community Owned

Radically Transparent

Do What You Want

Earn With & From Peers

Corporation



DAO





- **Growers & Breeders**

Individuals and businesses who grow cannabis.

Non-scientists can publish, share and access data while interacting with experts in other areas.

- **Scientists & Clinicians**

Anyone seeking data about cannabis genomes & breeding information.

Reputation and credentials provide a way to bring real-world experience to the network.

Who Is This For?

Our app will be easy enough for anyone to use, while also supporting complex big data analysis.

Who does this effect?

PATIENTS & CONSUMERS

263 Million
(2019)

Global Impact

Up to 50% of all adults have tried cannabis at some point; which is billions of people.

DOCTORS & SCIENTISTS

9.2 Million

Scientific Community

+18.1 million nurses
and biologists

CANNABIS EMPLOYEES

321,000

U.S. Legal Industry 2021

Likely to represent less than a
third of growers worldwide.

Empowering Growers

Cannabis sativa (cannabis) has traditionally been bred and cultivated in a very decentralized manner.



PATIENTS



PRODUCERS



BREEDERS

Aligning Incentives

For private individuals who grow their own cannabis as well as businesses traditionally incentivized to withhold information for intellectual property.



ACADEMICS



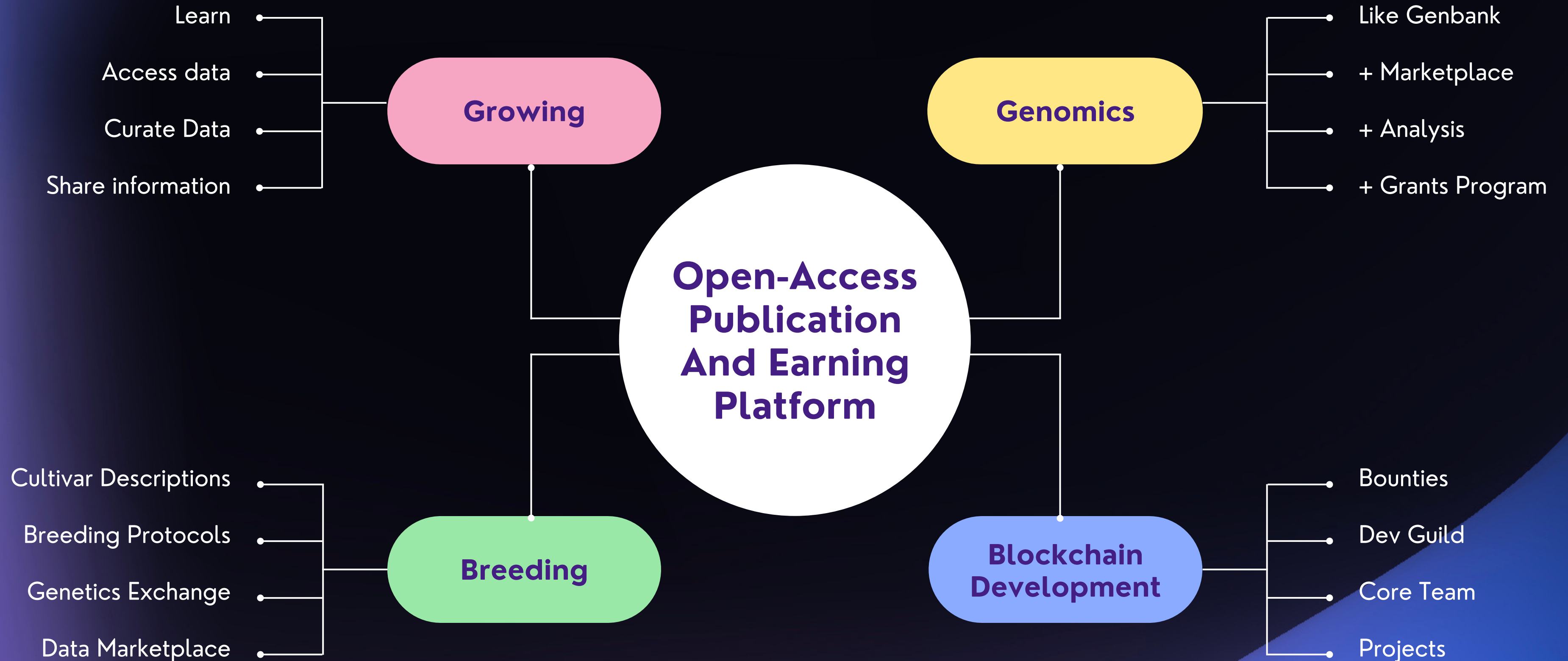
GOVERNMENTS



COMPANIES

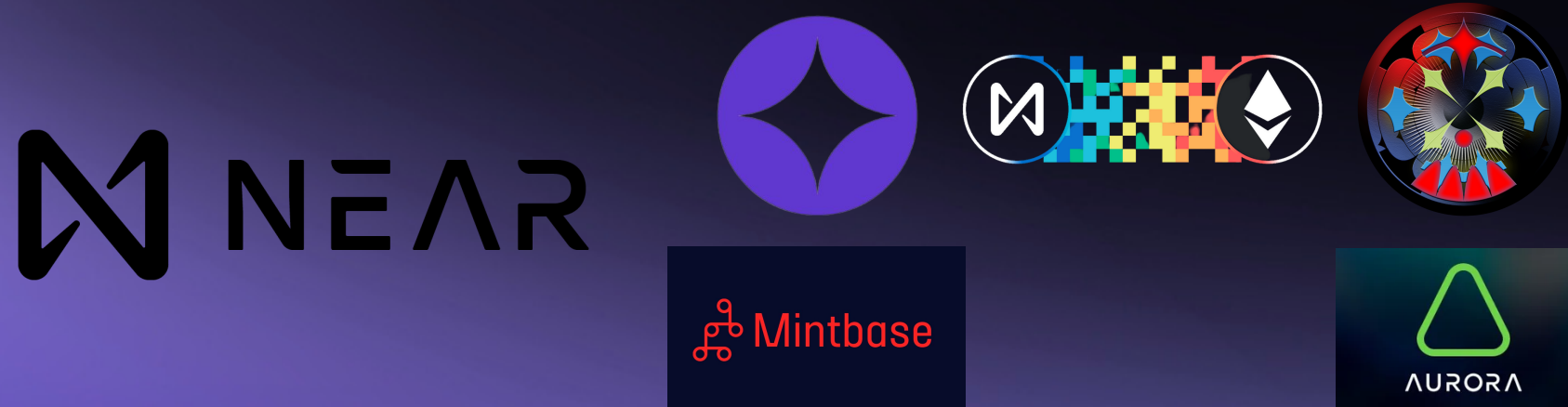


How Does It Work?



System Architecture

Adopting the best tech across multiple chains. Users maintain custody of their own datasets securely within their account while interacting with the rest of the ecosystem.



Pseudonymous

Data
Marketplace



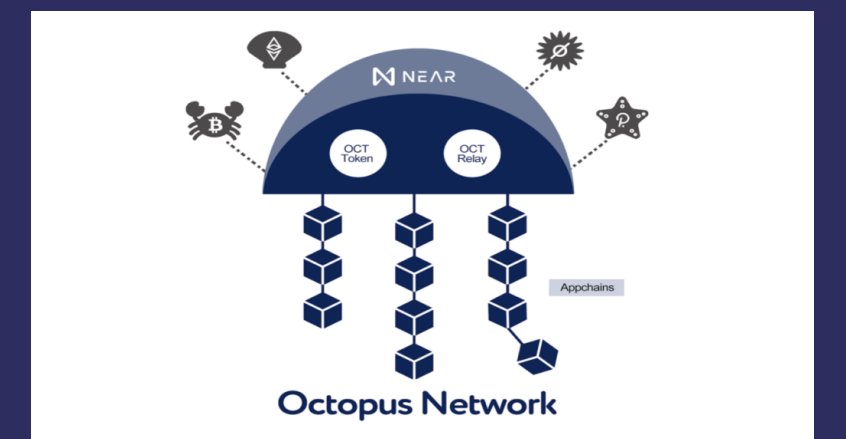
Secure

Data
Storage



Scalable

App
Layer





Anyone can participate by submitting proposals. Important features to protect from over-influence of fungible token voting and Sybil attacks are being implemented from the start.

Governance

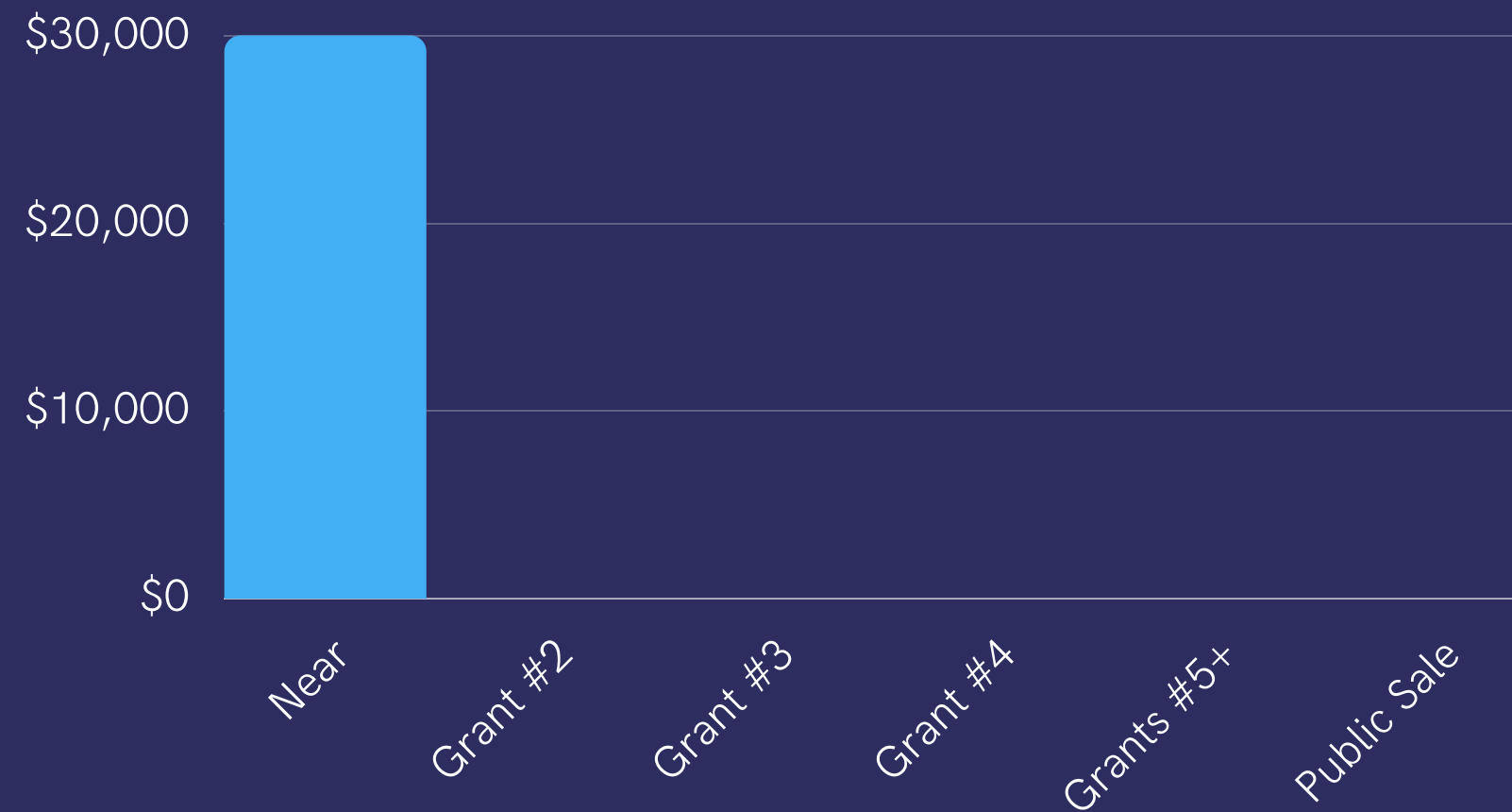
The goal of a DAO is to automate all decision making processes which can be described explicitly using an algorithm (smart contracts). All other decisions must be approved through a proposal process.

1 Contribution Tracking

2 Treasury Management

3 Decentralized Identity

Funds in Community Reserve Pool



Community Governed Economy

1

\$30K from Near Foundation donated in November 2021

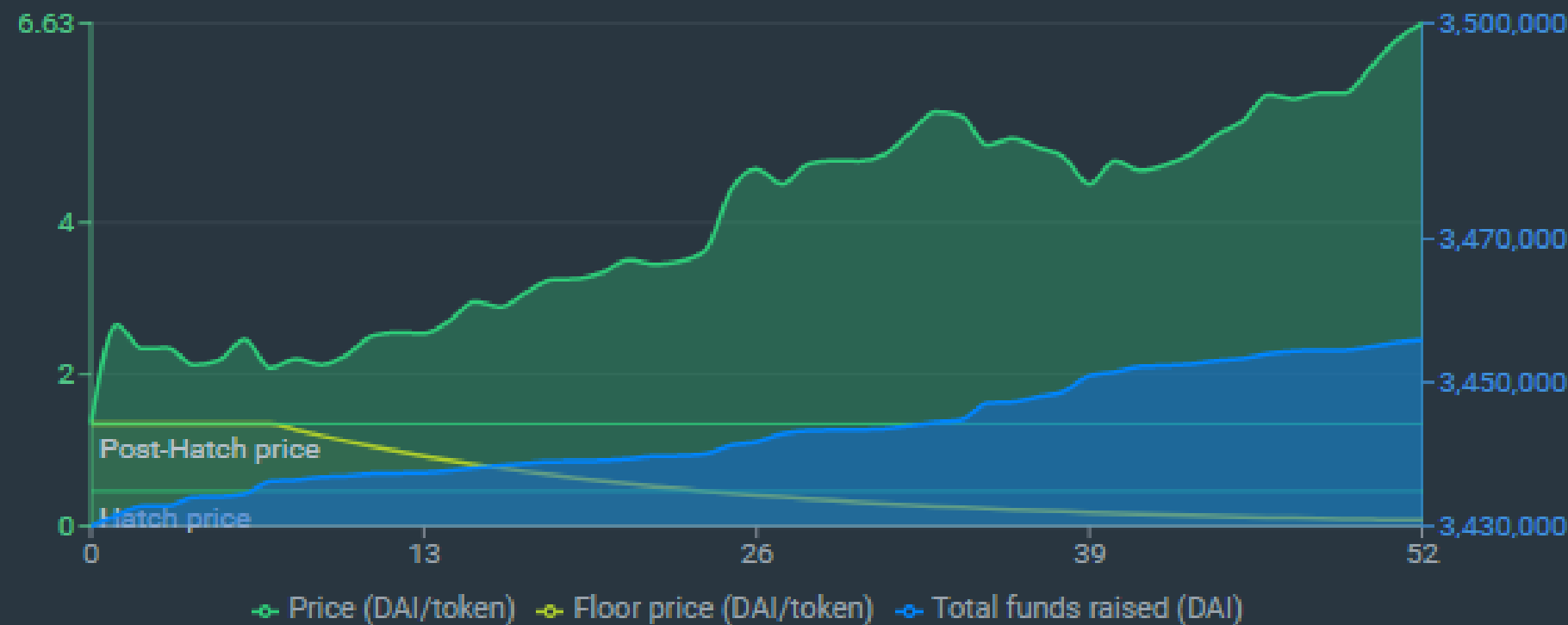
2

Numerous additional grant applications underway

Funds are used to support operations prior to token launch. Surplus will be allocated to a community governed Reserve Pool that issues rewards to users for contributing to the growth of the platform.



Simulation commonsstack.org



Actual results of Augmented Bonding Curve simulations to model the fair launch of \$CSAT during an initial public sale (hatch) that will go live at the end of the grant funding period currently underway.

Tokenomics

Community members will earn \$CSAT from the Reserve Pool through data curation, selling, renting and performing data analysis on an open market.

1 100% Fair Launch

2 51% for Earnings

3 Free to start using

Incentivizing participation in an open-source cannabis genome research community.

Join us in the chat!



DISCORD

...



Get Involved!

www.cannabisgeno.me

hello@cannabisgeno.me

<https://discord.gg/6Y6EMaQJAA>