

# Detailed Roadmap

# Intro

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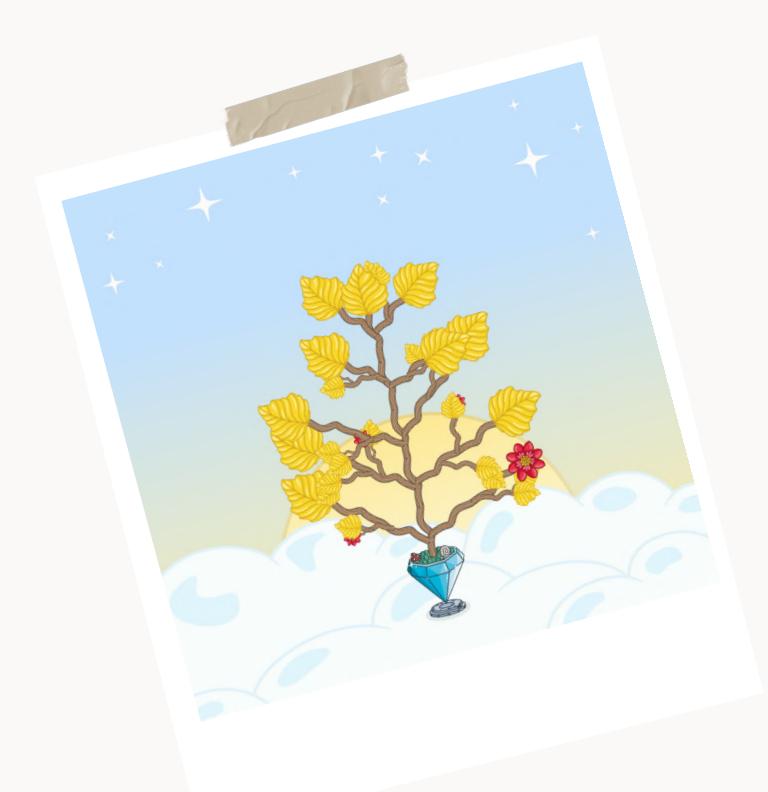
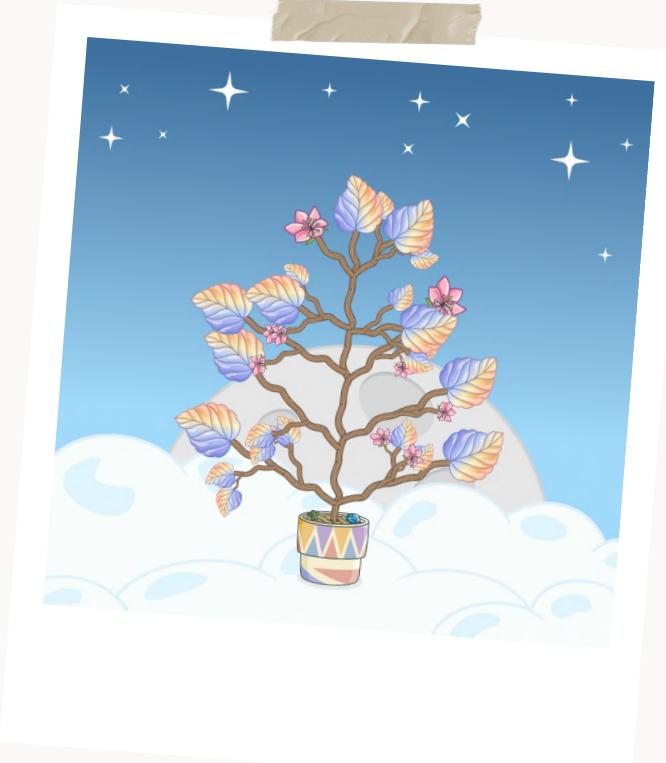
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# About

Plantoids is a Solana network-based web 3.0 platform that allows users to contribute to reducing the amount of CO<sub>2</sub> in the atmosphere. It's a place for people to go to check on the progress of their Plantoid NFT, influence the growth of their digital garden, and compete with others to have the coolest, rarest, most impactful NFT out there.

## What is a Plantoid?

A Plantoid is a dynamic NFT in the shape of a "living", digital plant collectible. Each Plantoid has unique genetics that dictate how they grow. As they grow over time, users can utilize "The Lab" to periodically interact with their plants directly, enhancing and customizing its genetics. Plantoids will generate resources, from their dimension, over time that can be utilized to sustain, propagate, and further enhance your Plantoid collection.



A Plantoid's growth is algorithmic, it is non-deterministic. This means that you can know what your plant looked like on any day in the past, but never exactly what it will look like tomorrow.

# Vision

- We believe in finding creative and innovative uses of blockchain technology to positively impact the world.
- We believe in utilizing efficient blockchains to make our platform net carbon negative.
- We believe our work as a community can have real world implementations in the future of our planet.
- We believe through playfulness and cooperation we can contribute to the environment.
- We believe in celebrating nature, experimentation and growth while contributing to the space

When you purchase a Plantoid, you get a digital plant that grows and changes with the passage of time, depending on weather conditions and an initial set of genes. The first generation of plants will capture CO<sub>2</sub> at a rate of 310 grams per day. You're able to directly affect your plant's genetics using mutagens to directly change traits of existing Plantoids methods. In the future, we'll develop more interactions like breeding or splicing Plantoids to mix phenotypes. Through careful care and propagation, you could cultivate a digital garden full of your ideal Plantoids, all while taking kilograms of carbon dioxide out of the atmosphere.

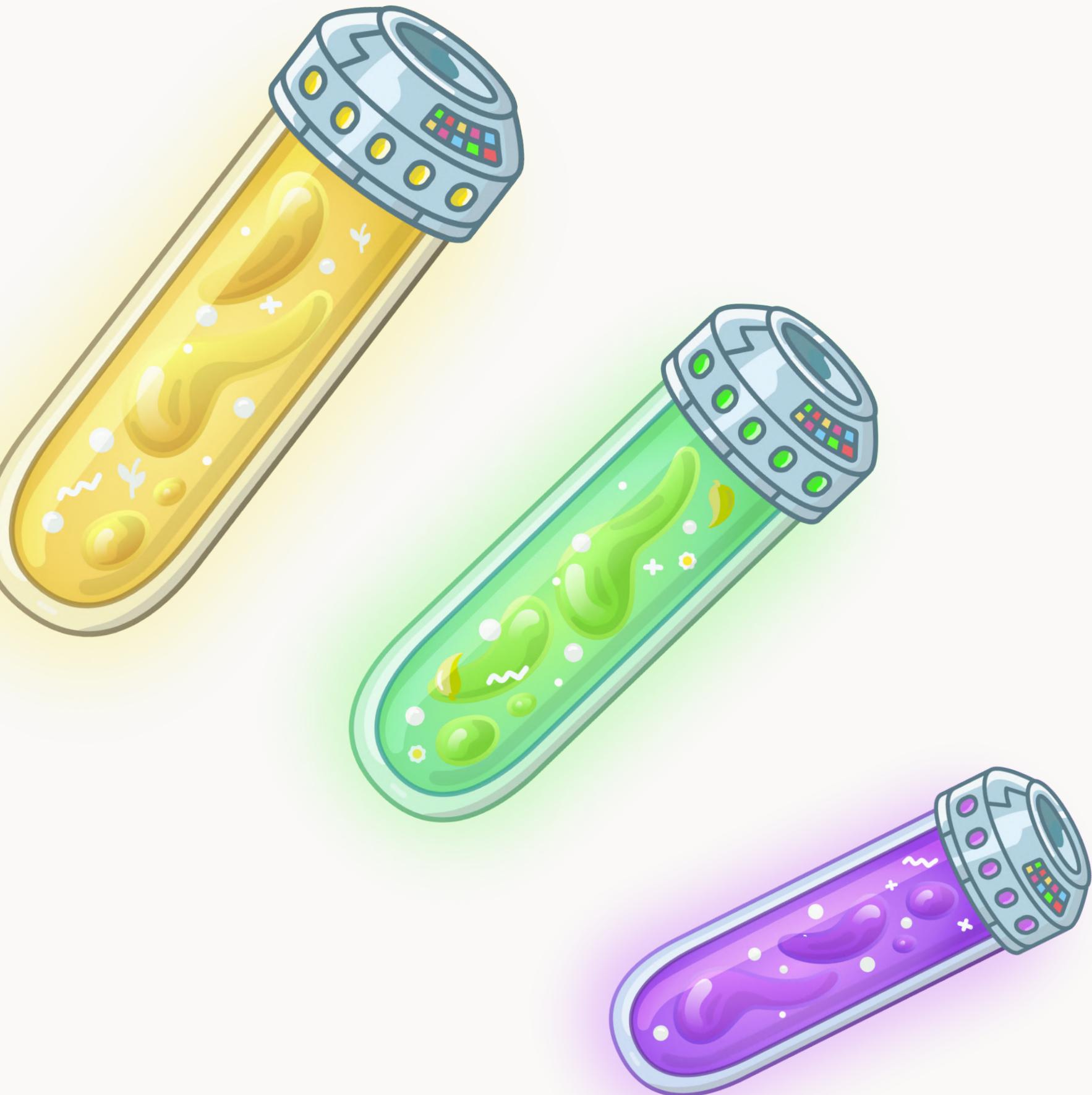


# What we've done

- Created a one of a kind, stateless non-deterministic growth algorithm
- Implemented mutations for changing your Plantoid's genetics and opening the possibility of unlocking new and rare unmintable traits
- Crafted an enigmatic story and universe from which the Plantoids originate
- Removed **2 metric tonne of CO<sub>2</sub>** from circulation

- Pushed the boundaries of what NFT's are capable with dynamic growth, unique methods of customization, and real world impact
- Fostered a growing community of NFT enthusiast and passionate environmentalists
- Helped to bring attention and education to key environmental topics and issues including emissions, carbon credits, and their role in alleviating the climate challenges the world faces

After our beta-testing stage, we have launched a story-based campaign to enrich the Plantoids universe while ensuring to create a unique experience for those participating in the project. Stories can help us understand the world and approach from a different perspective, while enriching our experience of it.



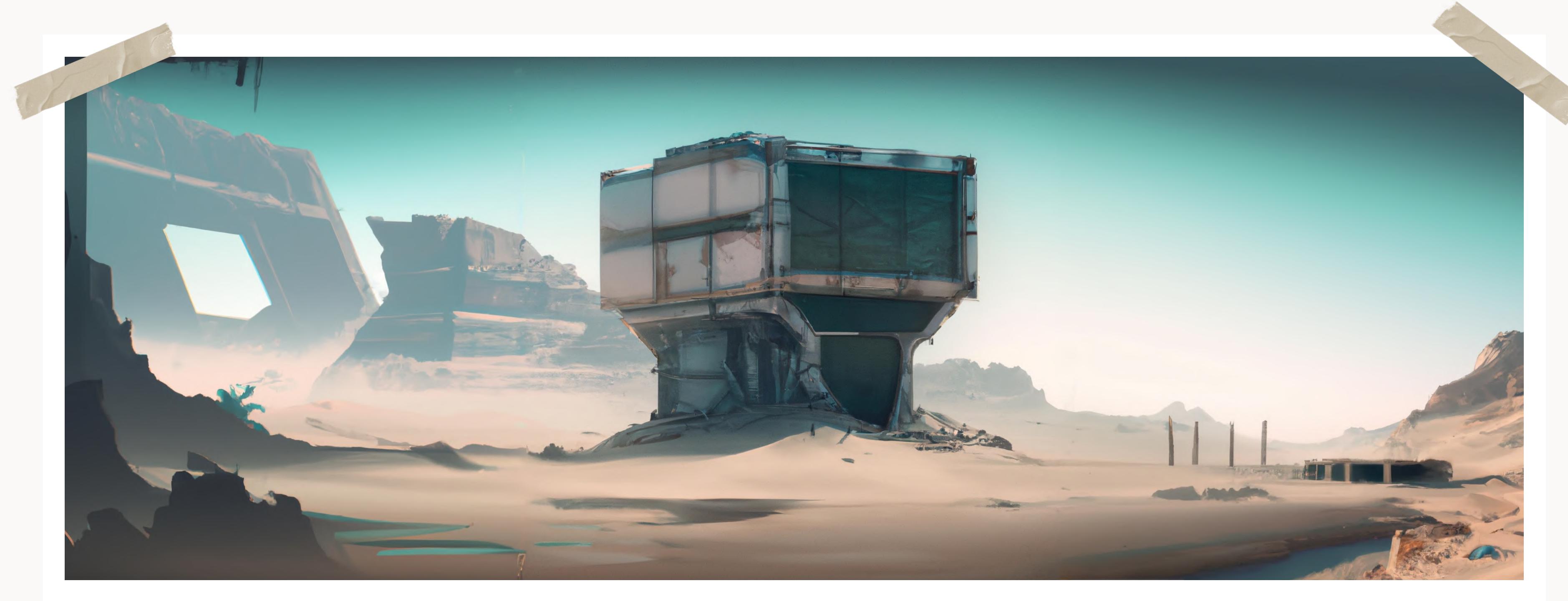
As a way to reward our OG holders, while at the same time increasing visibility and attention to our project, we decided to drop mutagens, a free airdrop of genome altering substances that serve the purpose of increasing the value of our NFTs, and it will serve as a whitelist mechanism in a gamified story-driven way.

Our exploration mission had been going on for months. The compasses led us far away from all traveled roads, towards the unknown. What could we expect to find, we didn't know for certain, but we were sure it was going to be an extraordinary achievement; if our calculations were correct, the concentration of CO<sub>2</sub> in the atmosphere around this mysterious place was far below anything our scientists had ever seen. But what could be causing this?

After strenuous walks through deserted lands, we reached a tiny building that seemed to be the vacuum point, the axis where all our mathematical formulas and studies pointed to. What was within this apparently insignificant place in the middle of nowhere that held such great answers and mysteries?

[Read the full story in our Discord](#)

# What's next



# The Lab

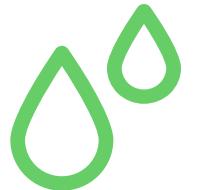
The Lab is the space where gardeners, scientists, botanists and other plant-lovers and researchers can explore the full potential of our Plantoids through human (and interdimensional) intervention. The Lab is a space in constant development where we invite our holders to interact with their Plantoid NFTs.

# What's inside The Lab



## Mutations Live

Mutations are ways to interact with Plantoid's genetics and change the plant's phenotypes. This allows users to modify leaves, flowers, and even the structure of the plant, with the chance of unlocking unmintable phenotypes!



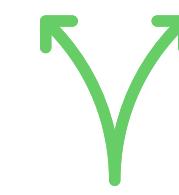
## Watering

Plants need water to thrive. OG Plantoids are special, and for the first three years don't need water to survive, but by watering OG Plantoids, you can enhance their rewards and acquire \$Plant, make them grow faster and even capture more CO<sub>2</sub> for a period of time.



## Breeding

Our users will have the opportunity to generate seeds that will grow into next generations of plant every cycle, thus helping to grow the impact of the Platform, filling the space with plants and ensuring to benefit our holders in these situations.



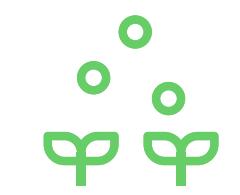
## Splicing

Experimenting requires creative ways of growing your Plantoid. Splicing helps you take a branch from a Plantoid and attach it to another Plantoid, creating a Plantoid with multiple different phenotypes of the same trait that will keep on growing. This is a high-risk scientific procedure.



## Withering

Can Plantoids die? Neglecting your Plantoids may cause them to wither. That can trigger the loss of leaves and flowers, \$Plant and CO<sub>2</sub> emissions, and the ability to breed, but there's no need to worry. This won't be permanent for OG Plantoids and there are always solutions.



## Fertilizing

Plantoids take time to grow and for the genetics to take root, limiting how often they can be mutated. By fertilizing Plantoids, users can boost the growth rate of their plants, allowing for more opportunities to mutate and potentially unlock rare phenotypes!

# Token

\$PLANT (name subject to change) is the utility token of the Plantoid universe, it'll be earned in a variety of ways by Plantoid NFT holders and it'll only serve the purpose of offering utility and integration for all things related to Plantoids, including but not limited to: interdimensional resources and shifts, Plantoids growth and CO2 capture speed, limited pot shop traits, dimensional transfers, usage of The Lab and merch.

## Staking

You will be able to earn token rewards through staking. Although this token won't have any monetary value, you will be able to use it in a variety of different ways on the Plantoids Universe. These are just a few. These utilities will be evolving over time.

## Access The Lab functionalities

Gain access to The Lab to mutate, enhance and interact with your plant.

## Boost CO<sub>2</sub> Capture

You can use these token rewards to boost the CO<sub>2</sub> capture of your Plantoid,

## Mint future collections

As the story unfolds, new collections will appear. They'll be redeemable using your token rewards.

## Acquire Merch

Our sustainable clothing line will be carefully designed, aiming to become a successful brand in its own: a brand that you or anyone else would love to wear.

## Acquire 1/1 traits

There will be events where you will be able to buy new 1/1 limited traits (backgrounds, pots...) for your Plantoid.

**Impact-positive PFP**

At Plantoids, we're constantly developing innovative and creative ways of having a positive impact on the environment. Just like the Plantoids OG (OG Plantoids?), this PFP will have utility both inside and outside the Plantoids Universe, with a measurable real world impact.

**Story-oriented character**

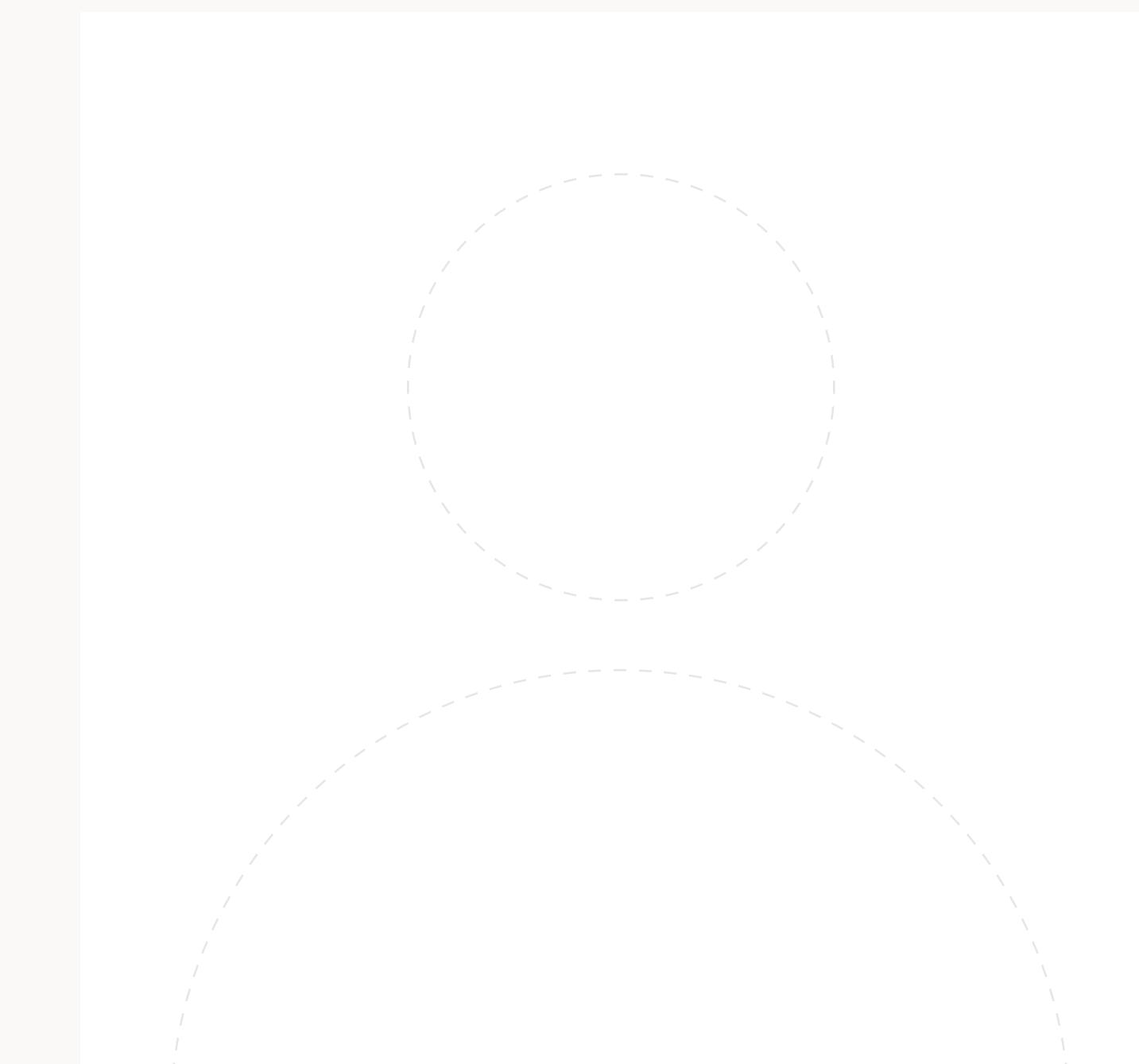
Scientists PFP will be a fundamental part of the story we're developing at Plantoids. We will let the community choose certain decisions about the story that will have impact in the future look and feel of the NFT.

**Gamified Experience**

Through The Lab and story development, The Scientists will be able to interact with Plantoids in order to obtain more benefits and contribute to the environment, through a plethora of gamified interactions.

Have you seen this person?

MISSING



# Scientist PFP

The Scientists (name and supply TBD) will be the PFP collection of the Plantoid universe. As a way to reward our most loyal holders and expand the community, this collection will have additional benefits while helping capture more CO<sub>2</sub>.

# Integrations

## Social Media

We will develop integrations to easily share your Plantoid with friends on social media! Twitter banners with the amount of CO2 captured by your plants, profile pictures, or even embedding your Plantoids into your website!

## IRL Applications

We're studying different ways to integrate your Plantoids in the real life world like: minting a plantoid in conjunction with owning an IRL plant or displaying your living Plantoid in digital NFT frames.

## Other projects and Metaverses

We will be working with other projects and metaverses to bring your Plantoid to their ecosystems, so you can have your plant everywhere in the blockchain.



# But wen?

Q4 2022	Q1 2023	Q2 2023	Q3, Q4 2023
<ul style="list-style-type: none"><li>• Plantoids Story Development</li><li>• Mutagen Free Mint</li><li>• Plantoids Phase 2 OG Mint</li><li>• The Lab Development<ul style="list-style-type: none"><li>• Mutations Updates</li><li>• Mutation-only traits</li></ul></li><li>• First Merch designs and ideas</li><li>• Imagine your Plantoid<ul style="list-style-type: none"><li>• 1/1 Art with Artists from the space</li></ul></li></ul>	<ul style="list-style-type: none"><li>• The Lab Development<ul style="list-style-type: none"><li>• More Mutation-only traits</li><li>• Watering feature</li><li>• Fertilizing</li></ul></li><li>• Token integration<ul style="list-style-type: none"><li>• Tokenomics Design</li><li>• Staking</li></ul></li><li>• Sustainable Merch drop<ul style="list-style-type: none"><li>• T-shirts</li><li>• Hoodies</li><li>• Pants</li><li>• Seedsticks (IRL plants)</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Plantoids Traits Marketplace<ul style="list-style-type: none"><li>• 1/1 Pots and Backgrounds</li></ul></li><li>• Integrations Development</li><li>• Scientist PFP story development</li><li>• Scientist PFP artwork</li><li>• <b>100,000KG / CO<sub>2</sub></b> removed Milestone</li></ul>	<ul style="list-style-type: none"><li>• Scientist PFP promotion</li><li>• Scientist PFP Launch</li><li>• Roadmap update</li><li>• Plantoids Gen 2 preparation</li></ul>



**plantoids**

