CryptoTrees

Healing the world one tree at a time

What is CryptoTrees?

Cryptotrees.org is a decentralized application that allows people to purchase virtual trees linked to real-world trees that work as natural air filters while we take care of all the maintenance and growing efforts. Users get rewarded AIR tokens representing the exact positive impact made to the environment. We'll calculate the impact using our own innovative and precise IoT measuring device.

We help individuals (B2C)

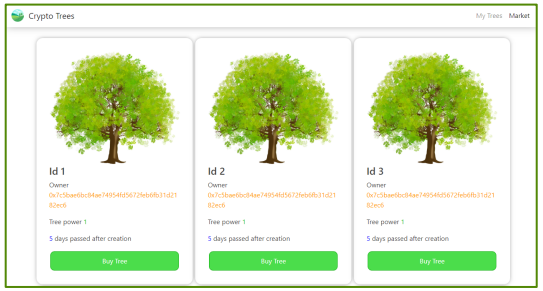
Problem

Individuals are becoming more concerned with environmental air pollution.

But they have a hard time collaborating with the environment:

- A 55% of individuals live in cities where they don't have places to cultivate environment-friendly trees
- And if they do, their lifestyle doesn't allow them to spend the time and long-term effort required to grow trees efficiently
- Even then, they can't measure the positive impact they are making to the world

Solution



dApp for managing trees

IoT measuring device
(not our product)

Solution

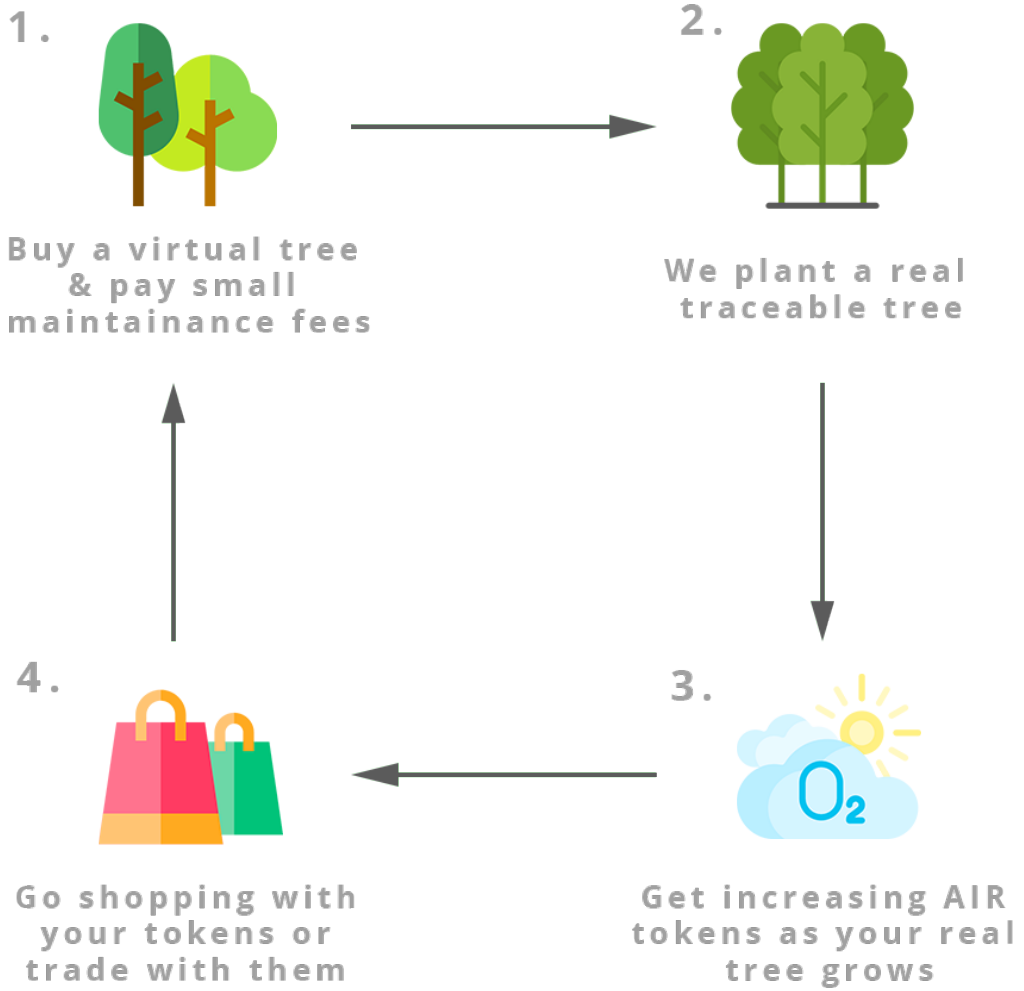
- A decentralized application that allows you to purchase trees while we take care of all the work: TaaS (trees-as-a-service)

- An Arduino-powered IoT measuring device for getting real-time photosynthesis and CO^2 filtering data

Value

- Help the environment without doing any work from your home
- Each tree is a unique, traceable ERC-721 token
- Measure and see your enviromental impact
- Get rewarded with valuable tokens daily
- Earn money from transfering or selling your trees
- Companies can easily reduce their carbon footprint from our dApp
- You’re helping create new forests full of trees for the planet

dApp Workflow



dApp Trees-as-a-service

1. Purchase a virtual tree while paying small monthly maintainance fees and we do all the work for you
2. See your tree growing in real-time and the precise impact it's making with data with our IoT measuring device
3. Reap AIR token rewards daily
4. Use your tokens to purchase products, services, get discounts on partner companies or sell them whenever you want

IoT measuring device

- A compact work-in-progress, Arduino powered IoT device that measures how much CO^2 each tree is absorbing.
- Get real-time constant data that can be accesed from the CryptoTrees dApp
- Get rewarded in AIR tokens based on the exact amount of CO^2 absorbed
- With solar-powered batteries and a mobile app
- Available in 2020 for consumers

Competition

- Competitors' photosynthesis measuring devices are limited to one leaf at a time, we measure the entire tree
- They are slow, outdated and hard to use, we focus on simplicity and nothing else
- Powerful research devices are too big to handle, ours is compact and easy to use

We also help businesses (B2B)

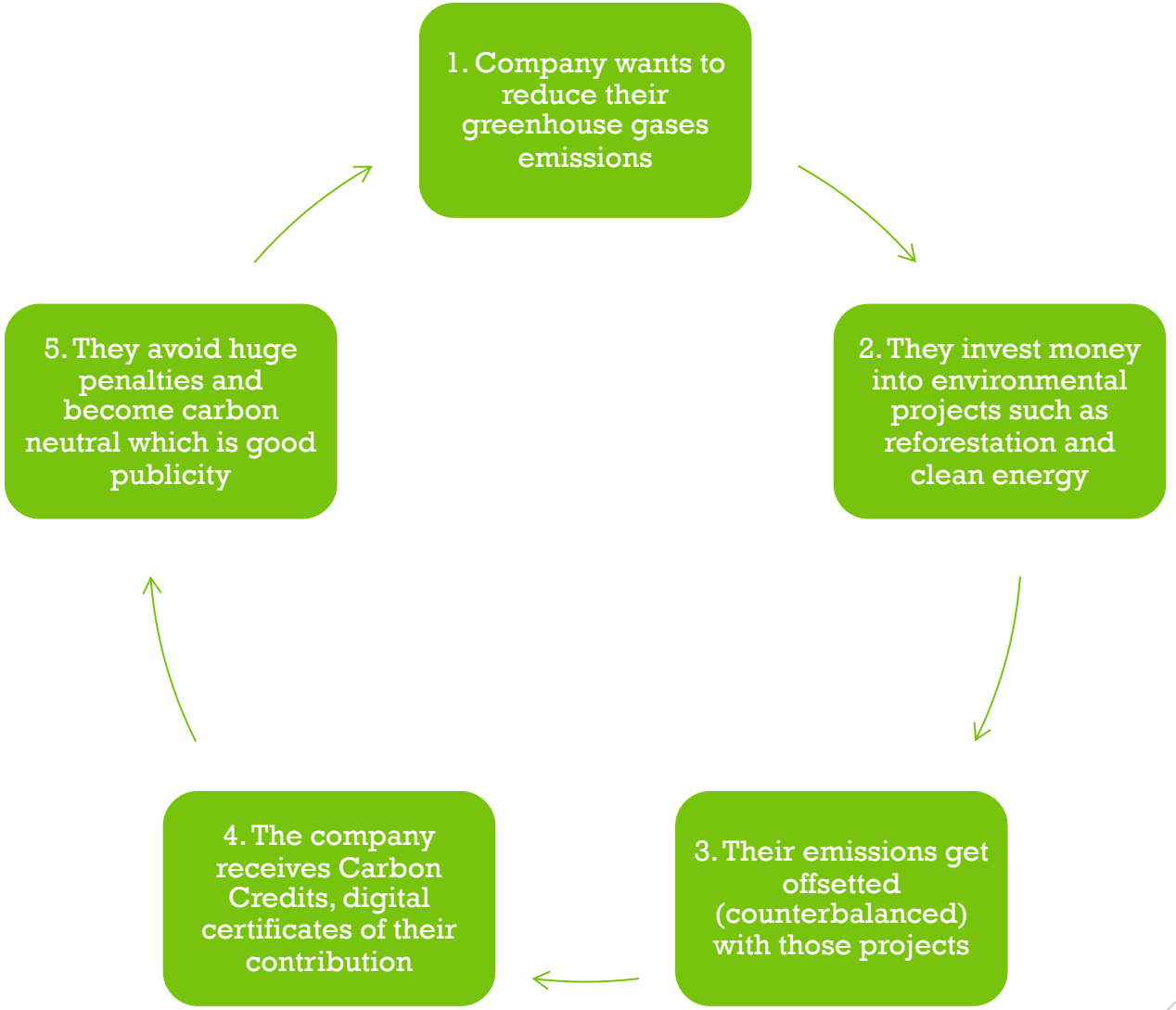
Problem

- Companies have to pay for emissions
- New regulations force companies to pay allowances for emitting greenhouse gases
- The more they contaminate, the more they have to pay
- Penalties get more expensive over time

Many companies are affected

- Power and energy companies
- Oil refineries
- Metal producers such as alluminium and iron factories
- Glass factories
- Cement factories
- Commercial aviation companies
- All types of manufacturers
- Many more…

Current system



Cryptotrees system

1. Company purchases Crypto Trees from our dApp
2. We offset emissions with trees while creating forests that generate money from tourism
3. They get AIR tokens + carbon credits
4. Company becomes carbon neutral, avoids penalties and gets valuable AIR tokens tradable on exchanges

Value

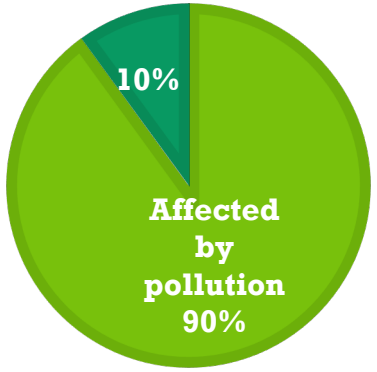
- Our system is simpler, faster and yields better returns for all sorts of companies because of our token
- We generate extra profits from tourism to our plantations, which allows us to expand to more areas
- We can cut the older trees for an extra profit
- The real-estate value of the surrounding area is expected to increase because of our trees, another potential income source

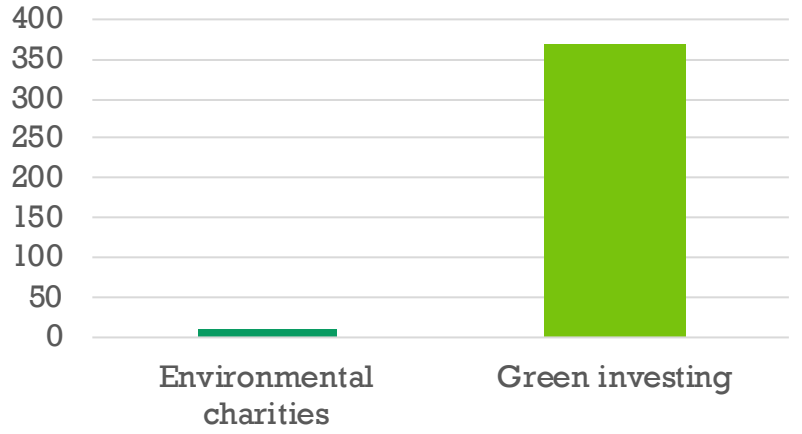
Our business plan

- We get a small percentage of each tree sold as funds for buying land and paying employees
- We buy high-quality land to plant and grow real trees
- Each tree can be sold as valuable wood once it has grown enough
- We charge an entrance fee to visitors that want to enjoy the green areas we create for entertainment purposes
- We invest in research and development for creating better photosynthesis measuring devices and for acquiring more land

Market size

- A 90% of people around the world breathe polluted air
- Charities that focus on the Environment received $11.83 billion dollars in donations in 2018
- Green investing was $368 billion in 2011, growing each year

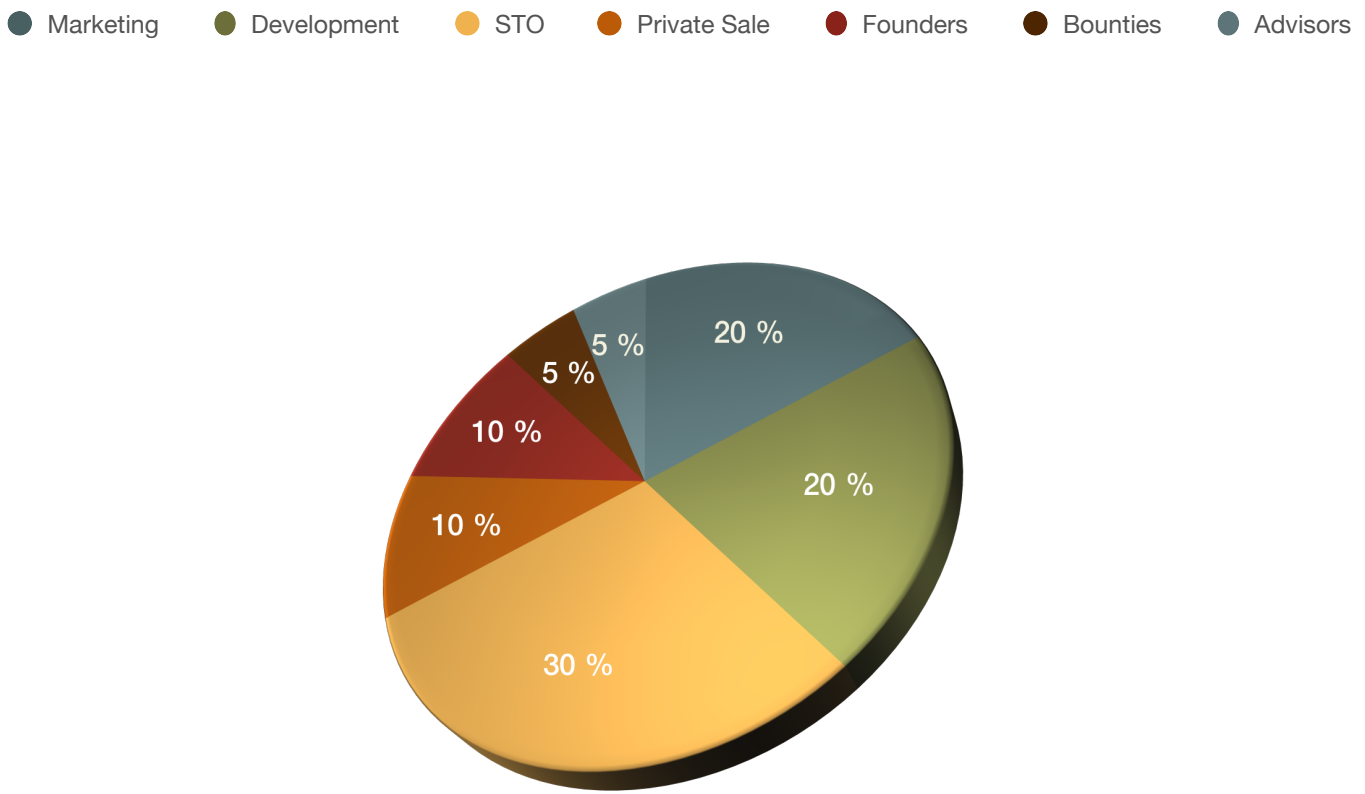




AIR token

- Our security token will be available, day 1, on the decentralized exchanges Binance Dex, EtherDelta and Bancor
- Can be used to purchase products, get coupons and pay for services from our future partner companies
- Gives you voting rights to decide on important internal topics
- Total supply 100 million

Token distribution



Roadmap

- January 29th 2018 CryptoTrees was created with an initial prototype for the CryptoTrees dApp
- October 1st 2019 starts the STO to raise up to 30 million dollars
- January 1st 2020 ends the STO, starts beta dApp development and starts creation of the IoT measuring device
- April 1st 2020 production CryptoTrees dApp is delivered
- July 1st 2020 production CryptoTrees IoT measuring device is created and brought to the mass market

We are looking for Seed Funding to promote our STO,

acquire more team members

and grow our dApp user base