REAL CARBON CAPTURE MACHINE

RCCM – Real Carbon Capture Machine v.4.0 **autonomous**

iPlantforest and you?

ABOUT US

The iPlantForest Group brings together companies with the objective of reforesting and foresting in an economically self-sustainable manner, on an industrial scale using technologies from industry 4.0 and Smart Agriculture developed by the group to make these processes more efficient and cheaper with maximum financial results.

The Group brings together disruptive companies, which, among other solutions, have developed a modern management system that allows them to track everything that happens in the group, with all the geoprocessed information.

The company created its own dormancy breaking method that guarantees germination percentages above 90%.

With an innovative planting method, it allows planting an average of at least 200ha / day with a team of only 35 employees.

We created the fastest and most efficient forest planting machine.

OUR STORY

The history of the RCCM (Real Carbon Capture Machine) begins with the need to plant forest at a speed that allows the planting of 1 trillion trees with quality and low cost.

Using RCCM technology, we help combat climate change, reduce CO2 emissions, comply with the Paris Agreement and help the world to plant trees in any location.

The largest Brazilian company for planting forests, plants an average of 300 million trees per year (200 thousand ha / year with 1,500 trees / ha on average). At this speed, we will comply with the Paris agreement in 60 years and we have only 10 years to do so.

We want to change the nefarious relationship between deforestation and reforestation, allowing more to be planted than cut today.

RCCM is the solution for reforestation on a Global scale.

Maquina 1

Maquina 2


Maquina 3

INTERNATIONAL CREDIBILITY

iPlantForest no Globo Rural

iPlantForest • 16 mil visualizações • há 1 mês

Reportagem especial do Globo Rural sobre plantio de mogno africano da nossa consorciada Mahogany Roraima. A matéria ...

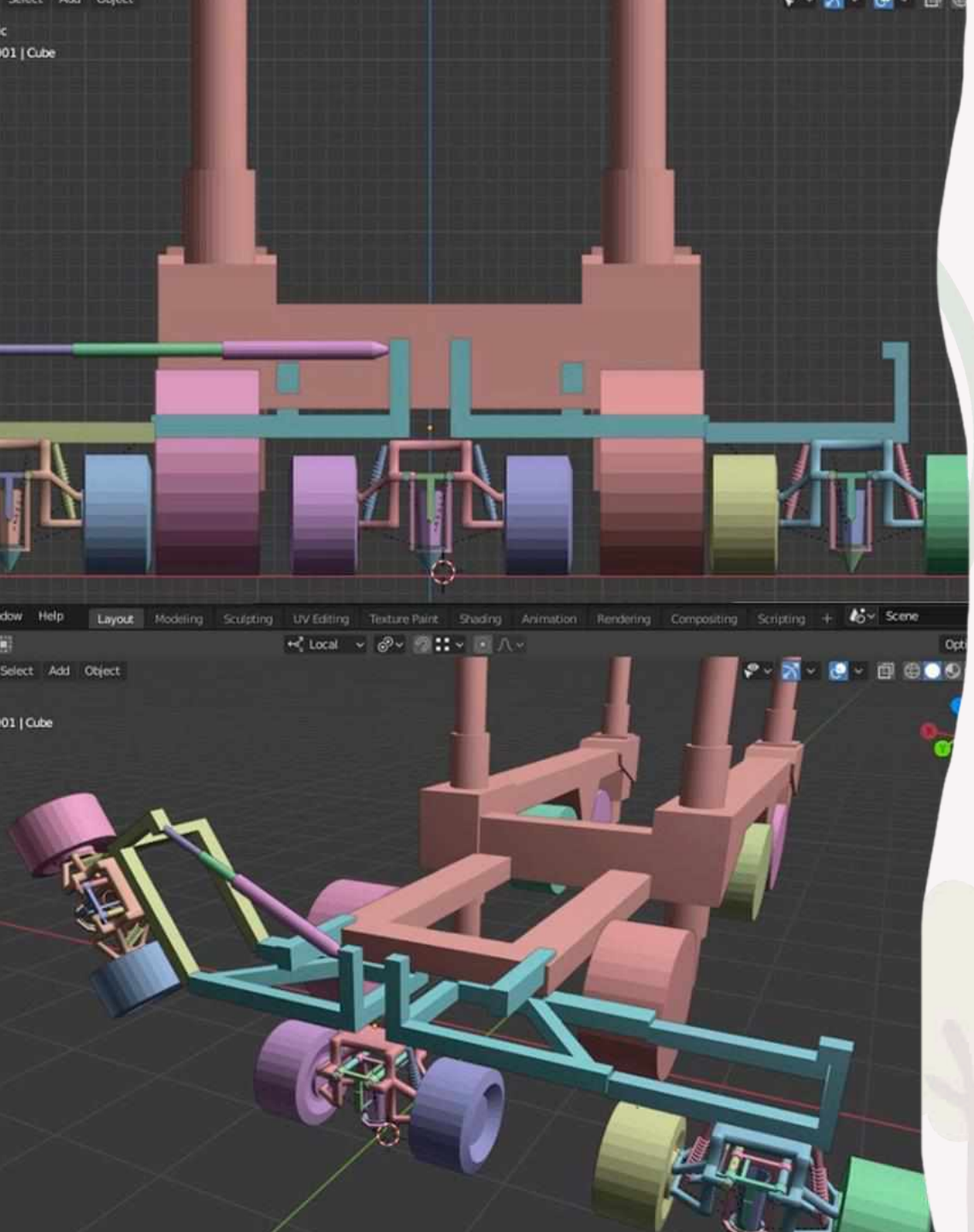
Les Echos

une Idées Économie Politique Monde Tech-Médias Entreprises Bourse Finance

sans-rire, Marcello Guimarães est à la tête d'un projet de reboisement dans l'Etat de Roraima, en Amazonie. Il est l'un des nombreux entrepreneurs qui se sont lancés dans l'aventure agro-

Planforest and you?

REAL CARBON CAPTURE MACHINE



WHERE WE CAME FROM?

Founders of this project, Marcello Guimarães and Eduardo Guimarães are entrepreneurs in the technology sector with 36 years of experience in developing innovative solutions.

They created the best-selling software in the history of computing in Brazil, Visual Kit 5. They published 11 books, all with sales exceeding 30 thousand copies, true technical bestsellers in the Brazilian publishing market.

In 2003 they created the first mobile software store, the first social network based on live videos directly from the cell phone to the web, ten years before the tool appeared on Facebook, and several other innovative and successful products.

Because of this professional profile, it was possible for the founders of iPlantForest to organize and optimize in an innovative way all the activities of the consortium. Its afforestation and reforestation project is based on “industrial 4.0 / Smart Agriculture” and is absolutely disruptive.

WHERE WE CAME FROM?

bcyou.com

iPlantorest

MAHOGANY RORAIMA

MAHOGANY RORAIMA

A.I.QUIMIST
Artificial Intelligence Solutions

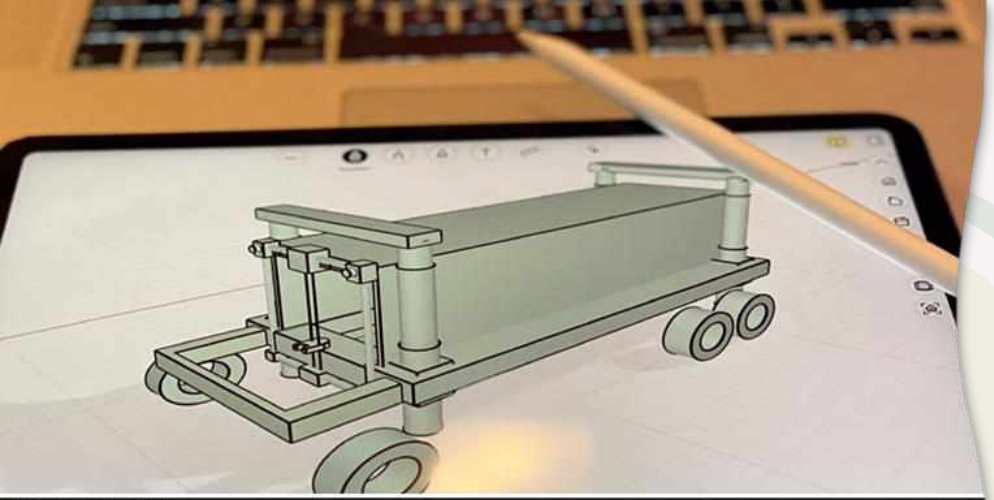
REAL CARBON CAPTURE MACHINE

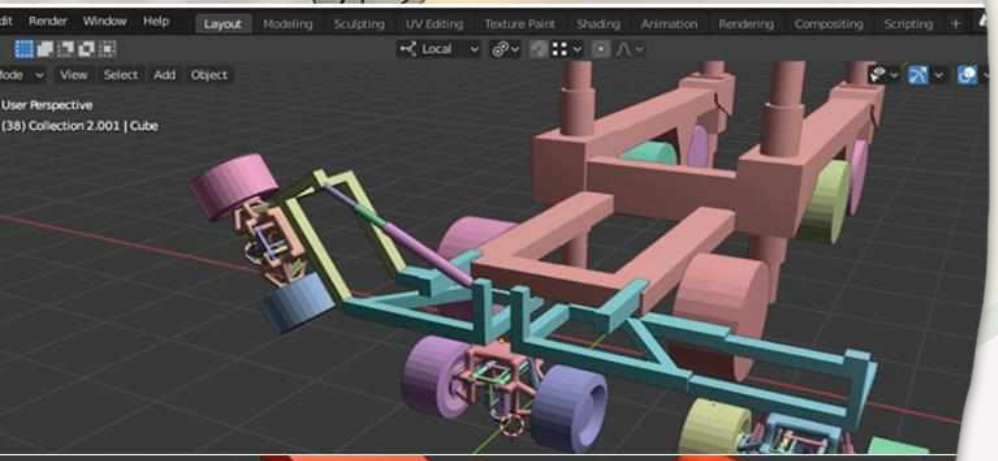
kit5 racing

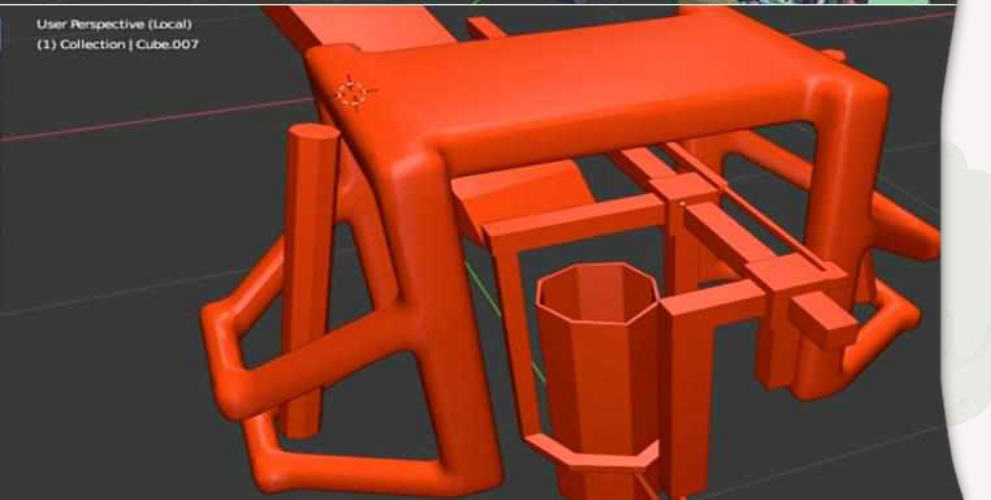
REF
REFORESTCOIN

RCCM

REAL CARBON CAPTURE MACHINE







REVOLUTIONARY
PLANTING SYSTEM

The next RCCM version 4.0 (Forest Planting Machine) will plant 3 seedlings per second, that is, 10,800 trees per hour, 216,000 seedlings per day, in an area of 480 linear km (3 lines per second), at a speed of up to 8 km / h.

The RCCM is a “Industry 4.0 / Smart Agriculture” machine, which uses Artificial Intelligence to geoprocessing, in order to automatically generate the planting map indicating where each seedling was planted (exact GPS position), in order to allow forest management with high technology.

The forest planting machine can actually be considered as a 100% autonomous planting robot. She selects the seedlings, moves and plants without any human interference.

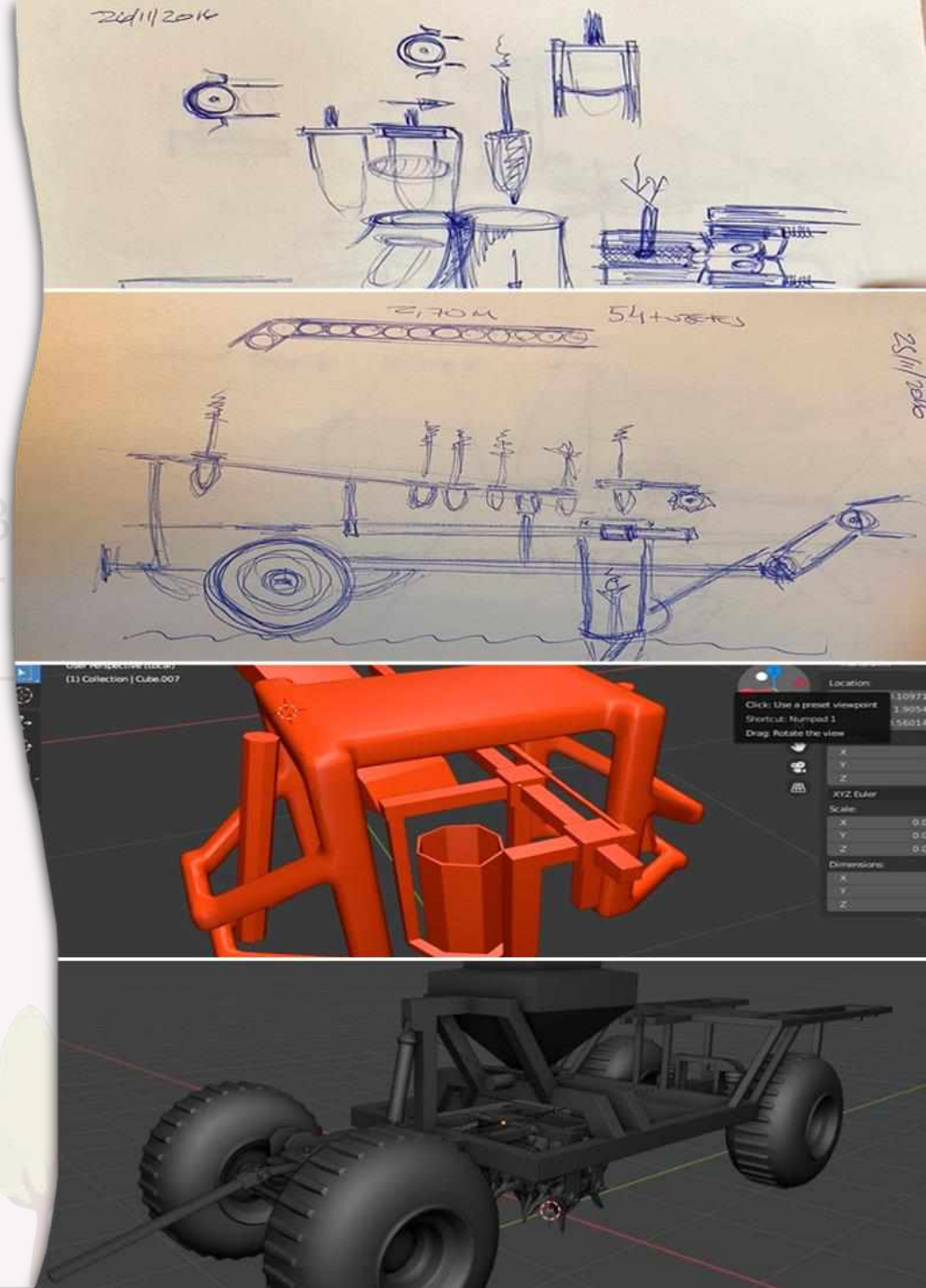
R&D

During 4 years we studied, designed, built and tested several solutions to reach the new RCCM version 4.0 100% autonomous.

We built 3 machines and thoroughly tested each system.

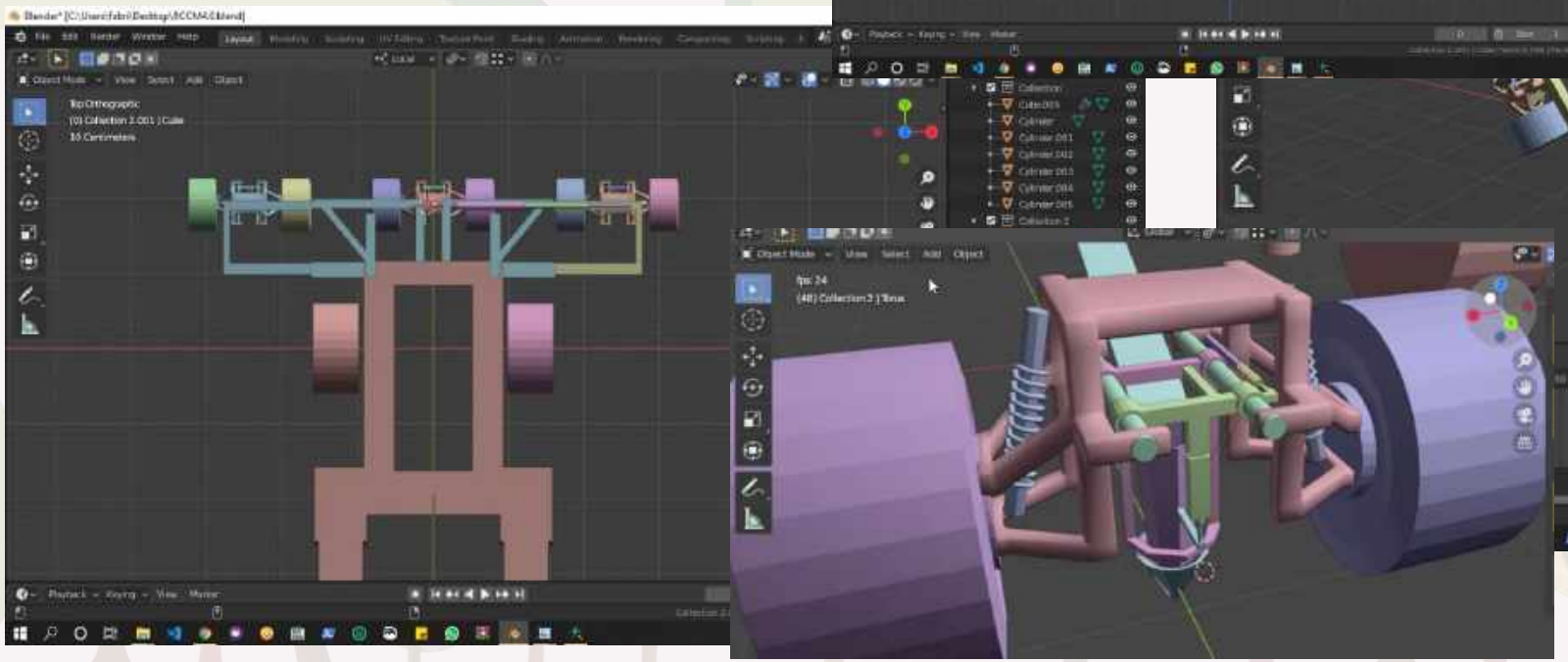
1. Seedling transport system;
2. Seedling delivery system;
3. Planting system;
4. Location system;
5. Planting quality test system;
6. Self driving system.

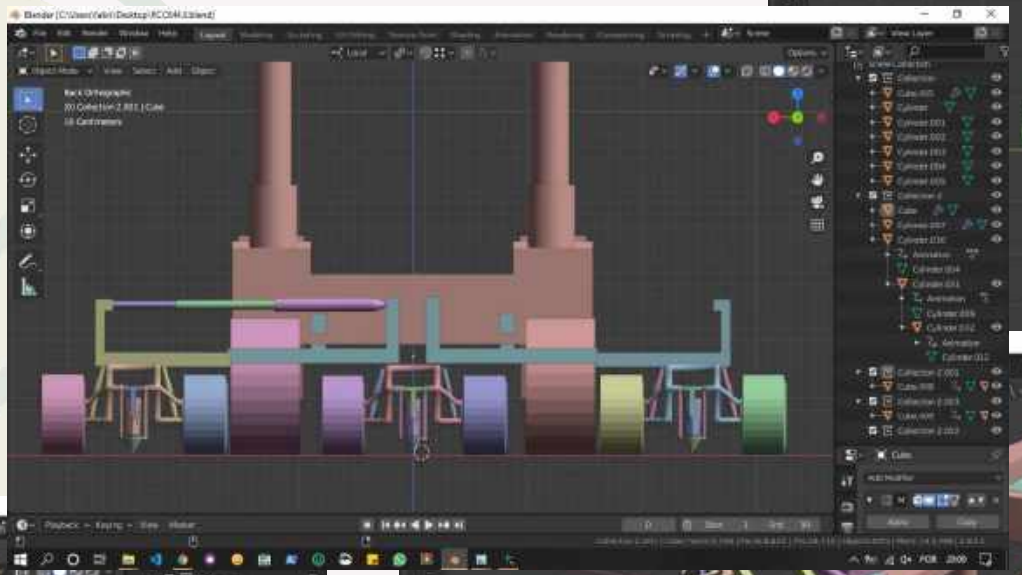
And, many other systems used in the forest planting machine.

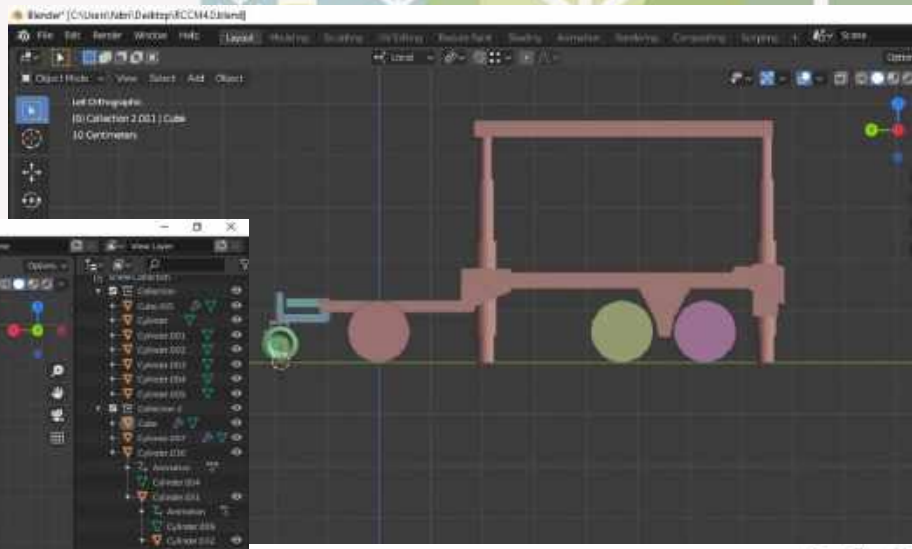


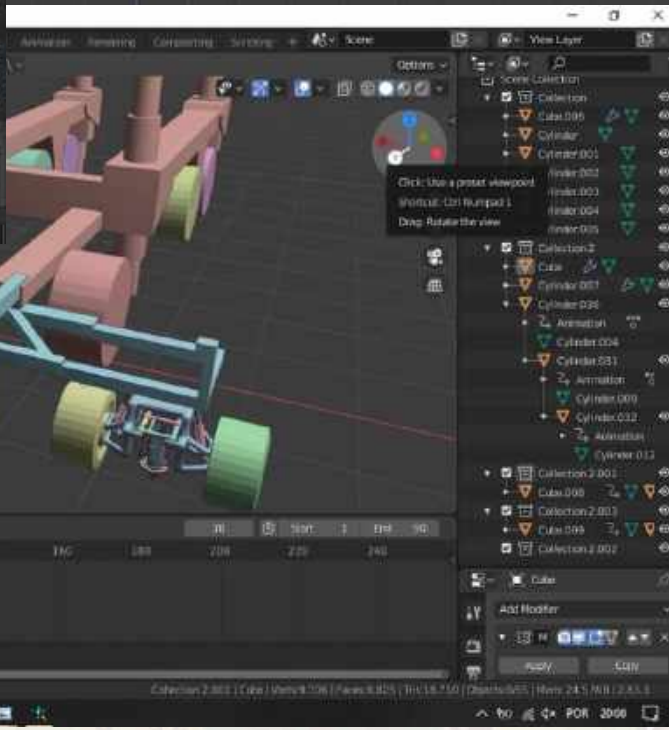
RCCM v.4.0 *autonomous*

Forest BOT ®







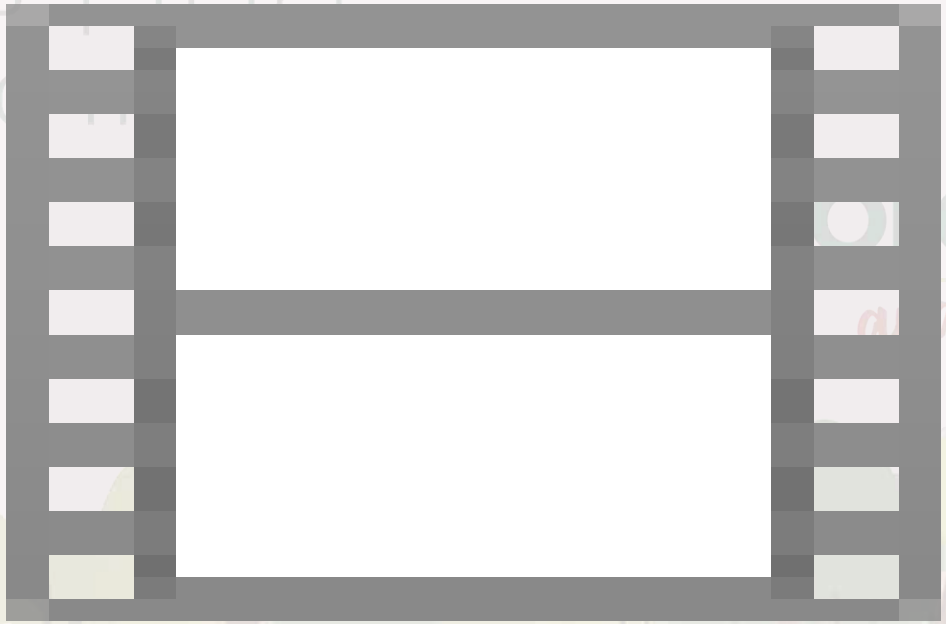


Features ForestBot

100% autonomous (Forest planting robot)
Self driving
Autonomous selection of trays (seedlings)
Automatically loads the planting mat
Geoprocess planting by seedling
Artificial intelligence

Planting speed:
3 seedlings every 2 seconds
5,400 seedlings per hour

Max. Speed Robot:
8 km / h
480 linear km (20 hours)
288 ha (20 hours)



CONTACT

Sites / Social Networks / Contacts	
Sites	https://mahoganyroraima.com.br/
Group	https://iplantforest.com/
Investors Relations	https://ri.iplantforest.com/
Artificial Intelligence	https://aiquimist.com/
Social Networks	
Instagram	https://www.instagram.com/iPlantForest/
Facebook	https://www.facebook.com/iplantforest/
Youtube	https://www.youtube.com/iPlantForest
Contact	
Phone / Whatsapp	+55 (95) 99125-1095
e-mail	contato@mahoganyroraima.com
Address	Endereço: Av. Eng. Luis Carlos Berrini, 1748 - CJ 201 - Ed. E-Office Design Berrini. Cidade Monções. CEP: 04571-000. São Paulo - SP, Brasil.

CAPTURE
MACHINE