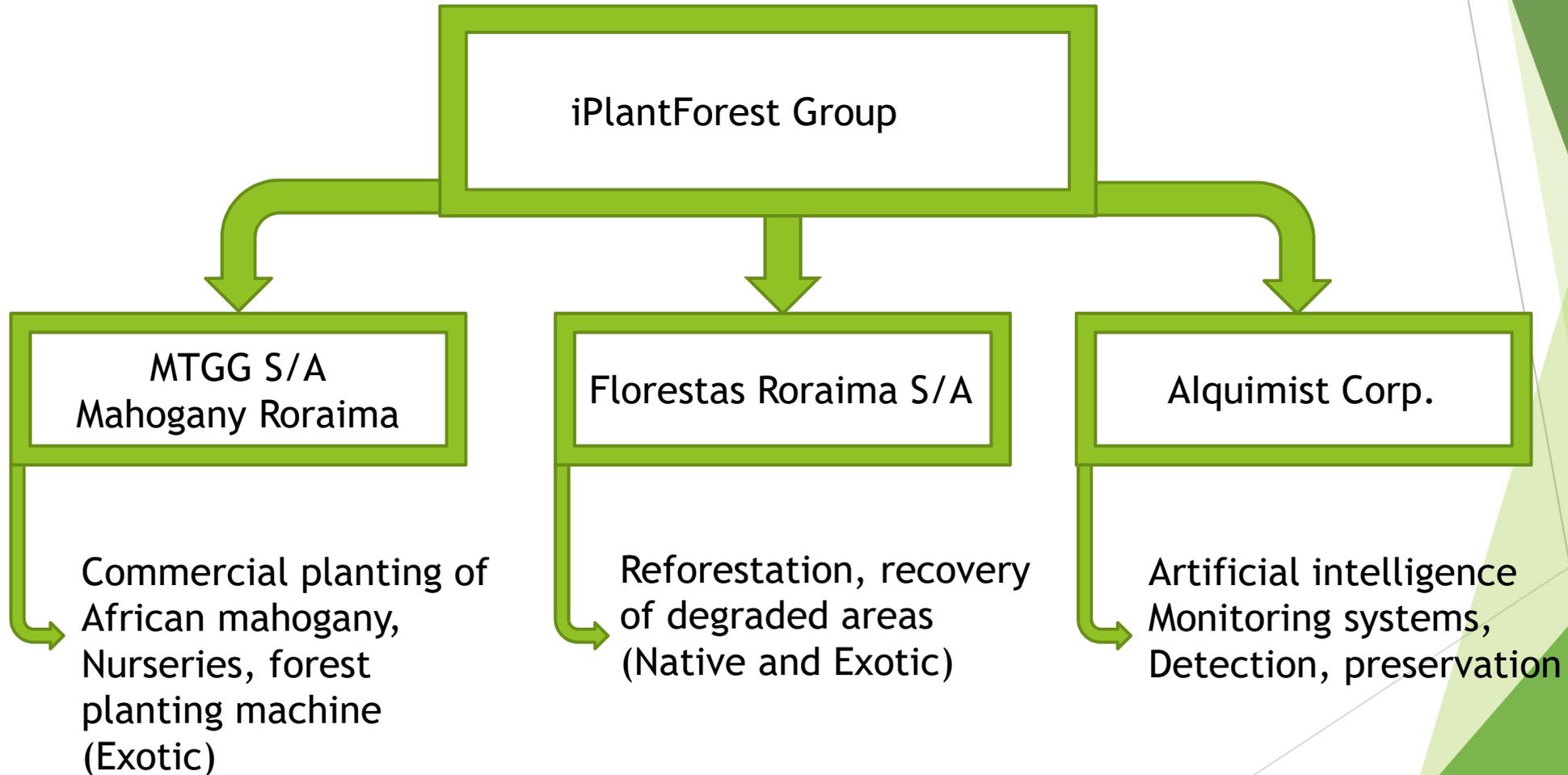


iPlantForest

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# About Us



# MTGG S/A - Mahogany Roraima

- ▶ Founded in 2016;
- ▶ It has a planted area of 2,000 ha of African Mahogany (BRL R\$ 400 million in biological assets);
- ▶ New land for planting 9,000 ha;
- ▶ Agricultural partners and own land;
- ▶ First revenue - sale of Forest Replacement Credit;
- ▶ Law 12.651 / 12 - Art. 26, § 4º The request for authorization for suppression referred to in the caput will contain, at least, the following information: II - replacement or forest compensation;
- ▶ Sale of wood with 6, 9, 12 and 17 years;
- ▶ 80% of MTGG result, 20% agricultural partner.



# Florestas Roraima S/A

- ▶ Founded 2019;
- ▶ Planting 1,000 hectares of reforestation for an environmental liability solution;
- ▶ Planting 50% Native species, 50% exotic species;
- ▶ 100% CRF on behalf of the landowner;
- ▶ Faithful depositary of the planted area for 15 years (owner of the land);
- ▶ Revenue from the sale of bioproducts 100% owner of the land;
- ▶ Revenue from the sale of timber aged 6, 9, 12, 17 years divided with landowner 50% for owner, 50% for FR S / A;
- ▶ Landowner finances planting and receives CRF, Bio, 50% wood;
- ▶ Reforested area (APP and RL) resolves environmental liabilities, reduces fines, assists in administrative, civil and criminal proceedings;
- ▶ Type of client: owner of land with liabilities, fine, lawsuit and / or with embargoed areas.



# Aiquimist Corporation

- ▶ Founded 2019;
- ▶ Specialized in the development of automation systems;
- ▶ Artificial intelligence;
- ▶ 36 years of experience;
- ▶ Drone with system to detect diseases in trees, DAP calculation, canopy, pruning need;
- ▶ First detection system for firearms in security cameras;
- ▶ ERP system of the iPlantForest consortium;
- ▶ Arduino system for controlling the forest planting machine.



# Revenue table

## 1,000ha cultivated área

Description	Year	Unit	Quantity / ha (1000)		Unit price		Values	
			Min	Max	Min	Max	Min	Max
CRF (Forest Replacement Credit) revenue	1	m³	150.000	200.000	R\$ 40,00	R\$ 60,00	R\$ 6.000.000,00	R\$ 12.000.000,00
Revenues from Bioproducts								
Revenue from timber sales								
Piles, Fences, Palanques, Partitions	6	m³	104.000	104.000	R\$ 30,00	R\$ 110,00	R\$ 3.120.000,00	R\$ 39.380.000,00
Roliças, joinery, rustic furniture, civil construction, etc.	9	m³	72.800	72.800	R\$ 50,00	R\$ 110,00	R\$ 3.640.000,00	R\$ 8.008.000,00
Log, sawn, sawn and dried	12	Log	42.000	42.000	R\$ 1.760,00	R\$ 2.450,00	R\$ 73.920.000,00	R\$ 102.900.000,00
Log, sawn, sawn and dried	17	Log	63.000	63.000	R\$ 1.760,00	R\$ 2.450,00	R\$ 110.880.000,00	R\$ 154.350.000,00
Total Revenue from wood sales after 17 years	Min	R\$	197.560.000,00					
	Max	R\$	316.638.000,00					

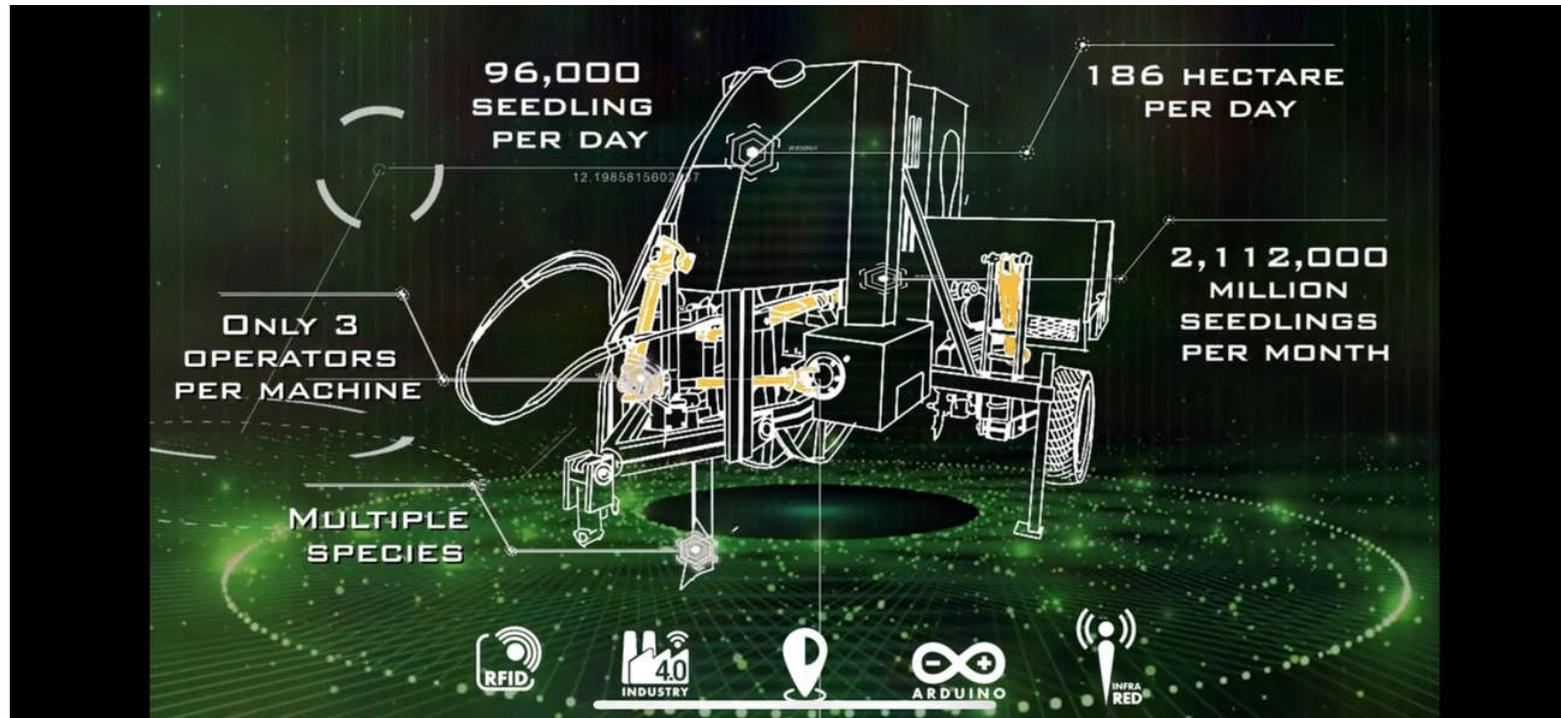


# The solution for environmental liabilities

- ▶ We delivered the degraded area recovery project;
- ▶ Landowner finances planting (bank, own resource);
- ▶ The land must be clean and without stumps;
- ▶ We recovered the area with rapid planting of trees (seedlings) - SAF, SSP, ILPF;
- ▶ The CRF (forest replacement credit) will be issued to the landowner;
- ▶ The result of the sale of the CRF belongs to the landowner;
- ▶ Sale of wood with 6, 9, 12 and 17 years;
- ▶ The profit from the sale of wood will be divided 50% with the owner of the land;
- ▶ Sale of bioproducts 100% from the landowner (native trees);
- ▶ Expected result with the sale of wood per hectare: from BRL R\$ 197 thousand/ha to R\$ 316 thousand/ha.



# How we work



## Carbon Capture Machine

It uses several technologies to identify the position of each seedling, species, make the count. Transfer collected data to the cloud.

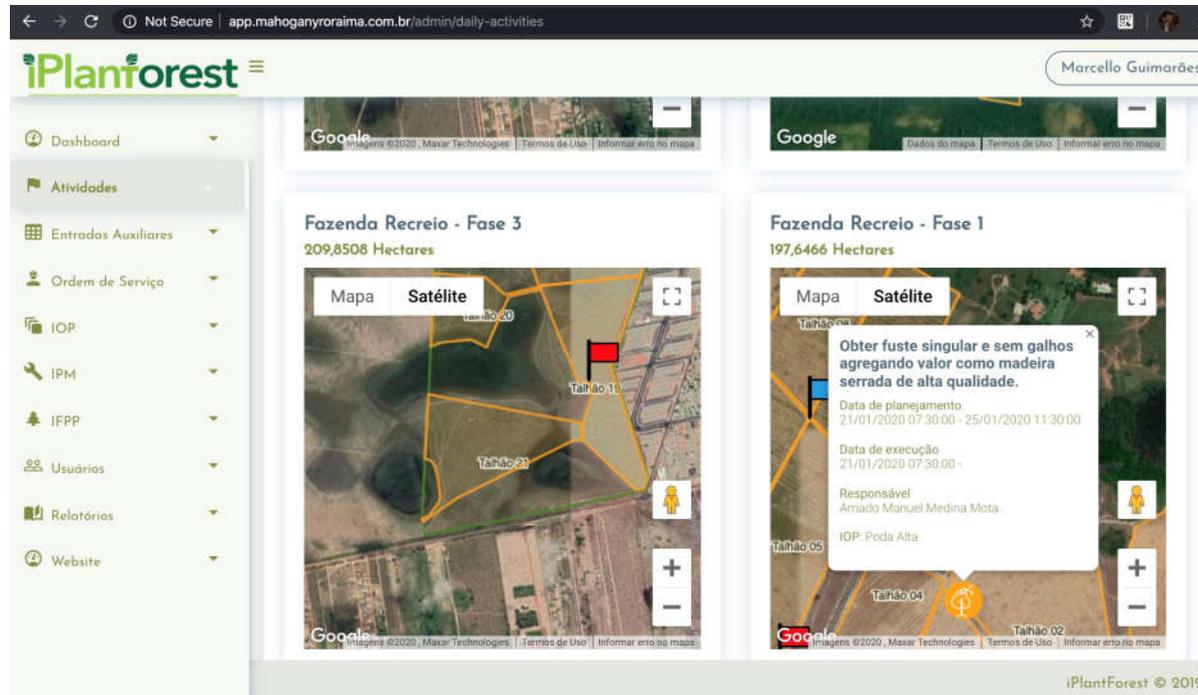
# How we work

- ▶ The agTech iPlantForest consortium developed and built the fastest forest planting machine today (Real Carbon Capture Machine).
- ▶ He has experience in planting forests with native, exotic seedlings, etc.
- ▶ It created seed dormancy breaking technology with a germination rate of 98% and we accelerated seedling growth.
- ▶ Each machine: Plant up to 86,000 seedlings / day, 103 hectares / day.
- ▶ Developed systems using A.I. for disease detection, identification of deforestation, fire, etc.



# How we work

- ▶ Own management system to control forest and forest nurseries (planting and management) - Native, exotic, ornamental and fruit



Control by maps, O.S, IOPs ...

**iPlantforest**  
and you?

Eu planto Floresta, e você?

# Gallery



Planting machine working (C ++, GPS, IR, RFID ...)



# Gallery



Seedling transport cart and planting machine

**iPlantforest**  
*and you?*



Eu planto Floresta, e você?

# Gallery



Seedlings planted by the machine (speed and quality)



# Gallery



Partial view of the nursery in Roraima  
Nursery for 6 million seedlings

**iPlaniforest**  
and you?

Eu planto Floresta, e você?



# iPlantForest

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Visit us: [www.iPlantForest.com](http://www.iPlantForest.com)

[www.EuPlantoFloresta.com.br](http://www.EuPlantoFloresta.com.br)

Whatsapp: +55 95 99175-1545

E-mail: [marcello.guimaraes@iPlantForest.com](mailto:marcello.guimaraes@iPlantForest.com)