

iPlantForest

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What problem are we going to solve?

- ▶ Does your land have environmental liabilities?
- ▶ Have you deforested more than the law allows?
- ▶ Do you have to pay a fine and are you responding to lawsuits?
- ▶ Are you responding to administrative, civil or criminal proceedings for this?
- ▶ Is your land embargoed?
- ▶ You can't finance the production in the bank because of that?
- ▶ Do you need Forest Replacement Credit?
- ▶ Don't know how to solve?

Is it government?

- ▶ Will the Government finance the recovery of environmental liabilities in the state?
- ▶ Does the State want to help solve the environmental liabilities of its producers?
- ▶ Does the State want to help those who cannot get financing?
- ▶ Does the State want to help fight illegal deforestation?
- ▶ Does the State want to help fight climate change?
- ▶ Does the State want to help reduce CO2 emissions?
- ▶ Does the State want to help fulfill the Paris Agreement?
- ▶ Does the State want to help preserve forests without impeding development?
- ▶ Does the State need a CRF?

The solution for the small landowner

- ▶ We delivered the degraded area recovery project;
- ▶ We bring the resource to recover the land;
- ▶ The land has to be clean and without stumps;
- ▶ We recovered the area with quick 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 owner of the land;
- ▶ Sale of wood aged 8, 10, 12 and 18 years;
- ▶ Profit from the sale of wood will be shared with the landowner and investor;
- ▶ Sale of bioproducts will be divided between those involved (native trees);
- ▶ Expected result with sale of wood per hectare: average BRL 400,000.

The solution for the government

- ▶ We delivered the recovery project by degraded area;
- ▶ The State brings resources to finance the projects (BNDES, Abroad);
- ▶ The land has to be clean and without stumps;
- ▶ We recovered the area with quick planting of trees (seedlings) - SAF, SSP, ILPF;
- ▶ The CRF (forest replacement credit) will be issued to the State;
- ▶ The result of the sale of the CRF belongs to the State;
- ▶ Sale of wood aged 8, 10, 12 and 18 years;
- ▶ Profit from the sale of wood will be shared with the landowner and investor;
- ▶ Sale of bioproducts will be divided between those involved (native trees);
- ▶ Expected result with sale of wood per hectare: average R\$ 400 thousand reais.

How do we work?



Forest.Bot

Plants up to 1,800 seedlings/hour, irrigates, georeferences the seedlings, uses AI to check planting quality, works with 2 operators, plants in renovation and installation areas.

iPlantforest
and you?



Eu planto Floresta, e você?

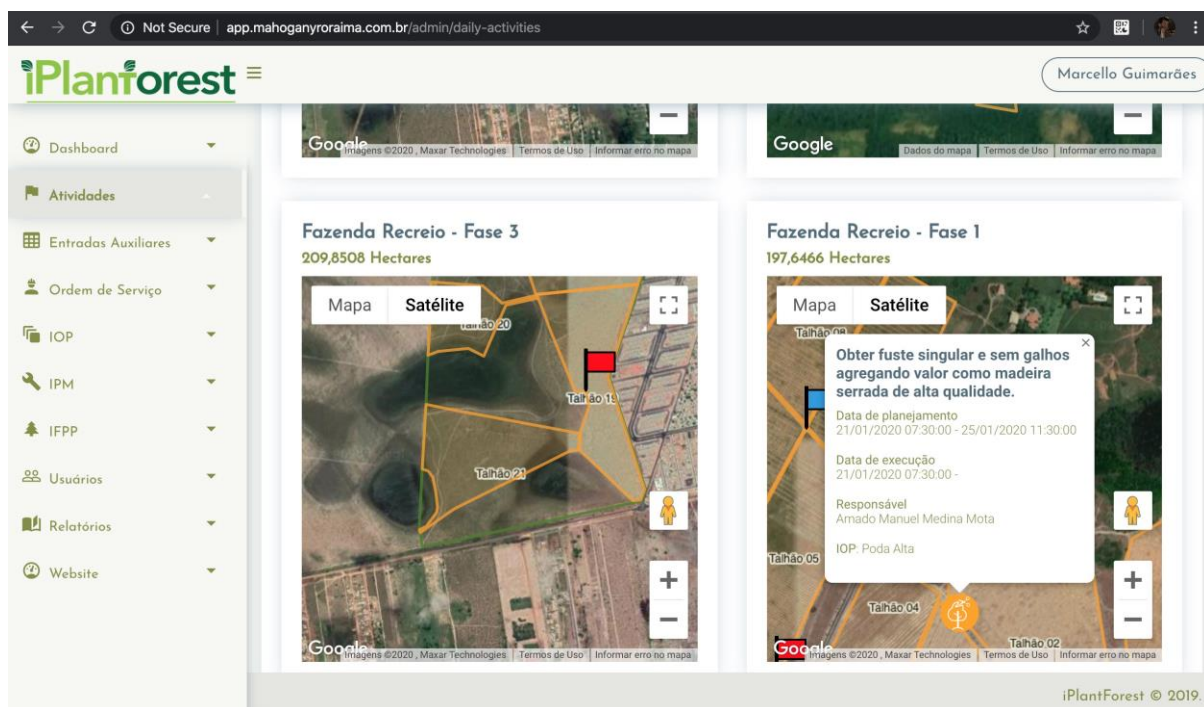
How do we work?

- ▶ The agTech iPlantForest consortium developed and built the fastest forest planting machine available today (@Forest.Bot).
- ▶ He has experience in planting forests with native and exotic seedlings, etc.
- ▶ Created germination technology that germinates a higher percentage of seeds (98%) and breaks dormancy faster.
- ▶ Each machine: Average plant of 1,800 seedlings/hour.
- ▶ Developed systems using A.I. for detection of diseases, identification of deforestation, fire, etc.



How do we work?

- Own management system to control forest nurseries and forest (planting and management) - Natives, exotics, ornamentals and fruit trees



Control by maps, S.O., SOIs...

Images



Forest.Bot



Images



Seedlings planted by machine (speed and quality)



Images



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

iPlaniforest
and you?



Eu planto Floresta, e você?

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