

PHOENIX PYROLYSIS

Bio Energy and Carbon Sequestration

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The Problem... I mean Opportunity

- Tree plantation businesses catch a bad rap! They also have thousands of tons of biomass from culled trees, natural forest residue and timber processing. We are connected to a plantation owner in Panama who has 20,000 hectares and is interested in gasifiers for his plantation.
- The Forest Stewardship Council works with plantation owners to help everyone achieve the best results. Our connection in the FSC could lead to a validation of our technology and then be a recommendation to all other plantations to reduce the negative effects of timber production.
- Malaysia is infamous for clear cutting old growth forests. Recently they are seeking to create good will and make their forestry operations more environmentally friendly. Our connection in the Malaysian government could lead to helping their forestry operation with our technology.
- Farmers and Homesteaders in the USA and other countries have lots of waste which they typically pay someone to remove/burn. By purchasing a gasifier, they can turn that cost into a revenue stream!

Traction

We have developed 2 prototypes and are currently operating v2.1

The team has come together and are each significantly contributing to the project

We have interest from plantation owners, farmers, homesteaders and bitcoiners in the USA and Panama

We are confident the only thing holding us back is the ability to ramp up development!



Summary

- We are growing trees and making energy!
- We have designed and developed a gasifier that is optimized for biochar and syngas production. Our plan for a plantation, gasifier, turbine generator and organic Rankine cycle generator is capable of 280 kW of power and can sequester 1,881 tons of CO₂ per year! We will use that electricity to mine crypto currency and sell to the grid.
- The cogeneration of biochar provides a marketable product to agriculture and home garden centers. Biochar is also useful in the building sector and energy storage.
- By incorporating NFT's and the Metaverse we can socialize and share the experience of growing trees and sequestering CO₂!
- There is a huge opportunity in essentially reverse mining carbon from the atmosphere. Many tree plantations around the world are looking for an affordable way to offset their emissions and foster good will! By providing relatively inexpensive gasifiers they can accomplish this while also generating profit!