

Report "Rapid-Program"

Humission e.V.

10.2023 - 12.2024



The Rapid-Program as leverage for District- and Global Grant



Rapid Program

- 8.000 €
- Oct. 2023 end of Dez. 2023
- 40 biopyrolysis systems and logistic preparations for District and Global Grant
- Communication to local communities about future project plans conducted
- Tree nursery in Benga for *Faidherbia* albida with >300 saplings distributed

District Grant

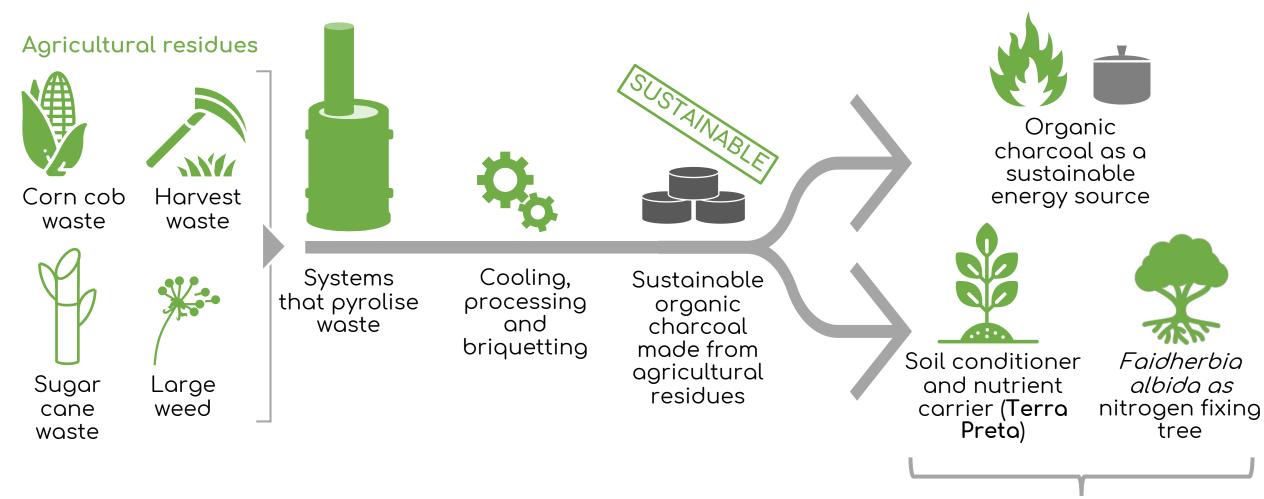
- 24.000 €
- Dez. 2023 May 2024
- 70 biopyrolysis systems,
- 35 business trainings
- 35 agriculture trainings
- Focus on biocharcoal production and briquetting, economic bases and commercialisation of biocharcoal

Global Grant

- 130 000 **€**
- May 2024 Mid 2026
- >1500 beneficiaries targeted
- >3000 Faidherbia albida saplings targeted
- Focus on promoting biochar as business idea and fostering circular economy for the beneficiaries of the Global Grant



Biopyrolysis systems enable the biocharcoal production from plant residues as alternative energy source and sustainable agriculture





Achievements of the Rapid Program

- 40 pyrolysis systems installed
- 8 villages reached
- o 8 trainings with follow up visits conducted
- > 200 beneficiaries reached (40 systems x 5 women/system)
- Terra Preta production for the harvesting season reaching from 12/2023 until 04/2024
- Acceptance throughout all communities
- Technology adaptation of agricultural methods
- Humission's tests show improved harvests by ≈30-40%



Map highlighting the training areas identified for the expansion of the project in the District and Global Grant

The District- and Global Grant will reach
>1500 beneficiaries, will accelerate
biocharcoal and Terra Preta production and
will provide resistance against climate
change in Malawi



Visual representation of biocharcoal trainings and Terra Preta production funded by the Rapid Program



















Insights into the nursery of "Faidherbia albida" – the nitrogen fixing tree complementing our sustainable agroforestry concept

- Faidherbia albida as agricultural component it prevents soil erosion and fixes
 nitrogen in the soil, promoting plant growth and synergising with the effects of Terra
 Preta
- Within the rapid program, the infrastructure for the nursery has been built and >300 saplings have been grown and distributed to the communities













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Many thanks to the entire <u>RC</u>
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We are looking forward to further collaborations! – Tiyeni Tikondane



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