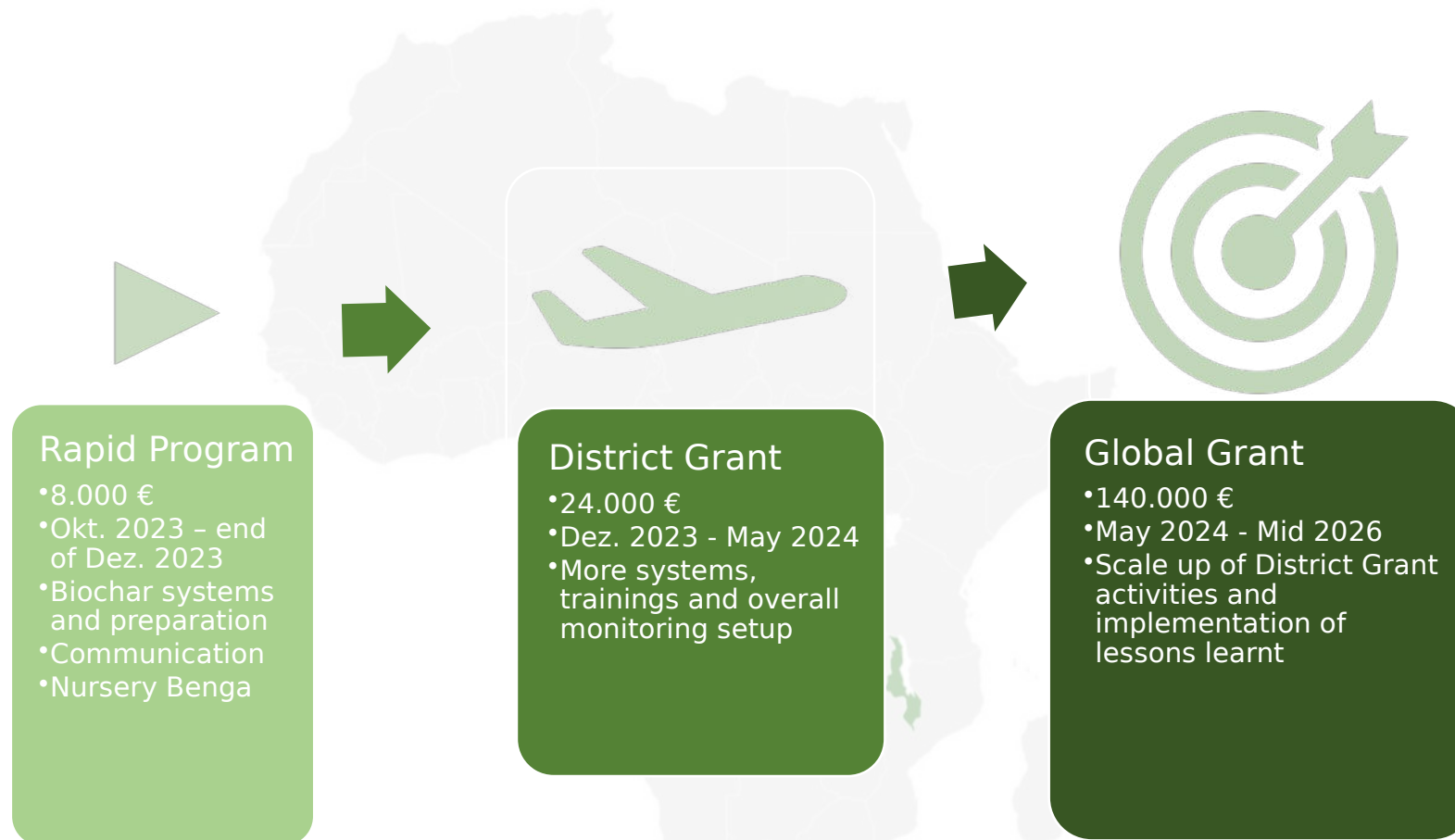


Report „Rapid-Program“

Humission e.V.

10.2023 - 12.2024

The Rapid-Program as leverage for District- and Global Grant – a huge success



Our system enables smallholder farmers to produce biochar from agricultural waste as a sustainable source of energy and soil conditioner

Concept idea - solution approach

Agricultural residues



Corn cob waste



Harvest waste



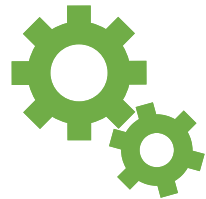
Sugar cane waste



Large weed



Systems that pyrolise waste



Cooling, processing and briquetting



Sustainable organic charcoal made from agricultural residues



Organic charcoal as a sustainable energy source



Soil conditioner and nutrient carrier (**Terra Preta**)

- Facts about the Rapid Program
 - 40 pyrolysis systems
 - 8 villages reached
 - 8 trainings with follow up visits
 - > 200 beneficiaries reached (40 systems x 5 women/system)
 - Terra Preta production for harvesting season from 12/2023 until 04/2024
- ✓ Acceptance throughout all communities
- ✓ Technology adaption
- ✓ Improved harvests

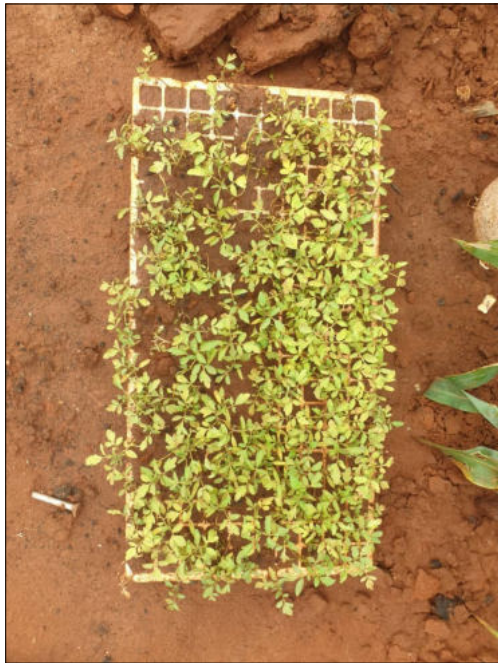
The District- and Global Grant will reach more beneficiaries, will create more biocharcoal and Terra Preta and will make Malawi more resilient against climate change

Our system enables smallholder farmers to produce biochar from agricultural waste as a sustainable source of energy and soil conditioner



Tree nursery of “*Faidherbia albida*” - a nitrogen fixing tree

- *Faidherbia albida* is essential component of our sustainable agroforestry concept, it prevents soil erosion and fixes nitrogen in the soil, promoting plant growth
- Within the rapid program, the infrastructure for the nursery has been built and >300 *Faidherbia albida* saplings have been grown which were distributed to the communities



01.04.2024



Humission e.V.



6



www.humission.de



Many thanks to the entire RC Aachen and everybody involved for the generous donations and fruitful discussions!

We are looking forward to further collaborations! - Tiyeni Tikondane



Kaffee
Tikondane

www.kaffee-tikondane.com

