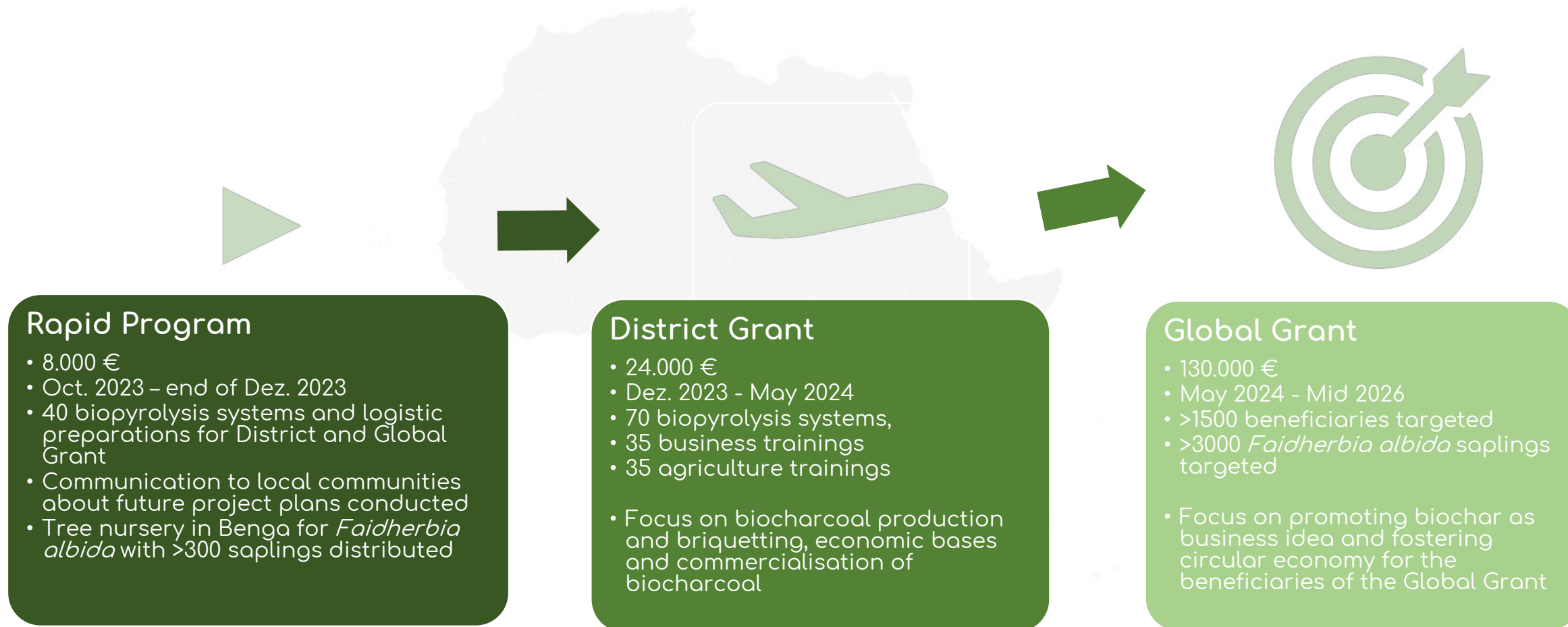


Report „Rapid-Program“

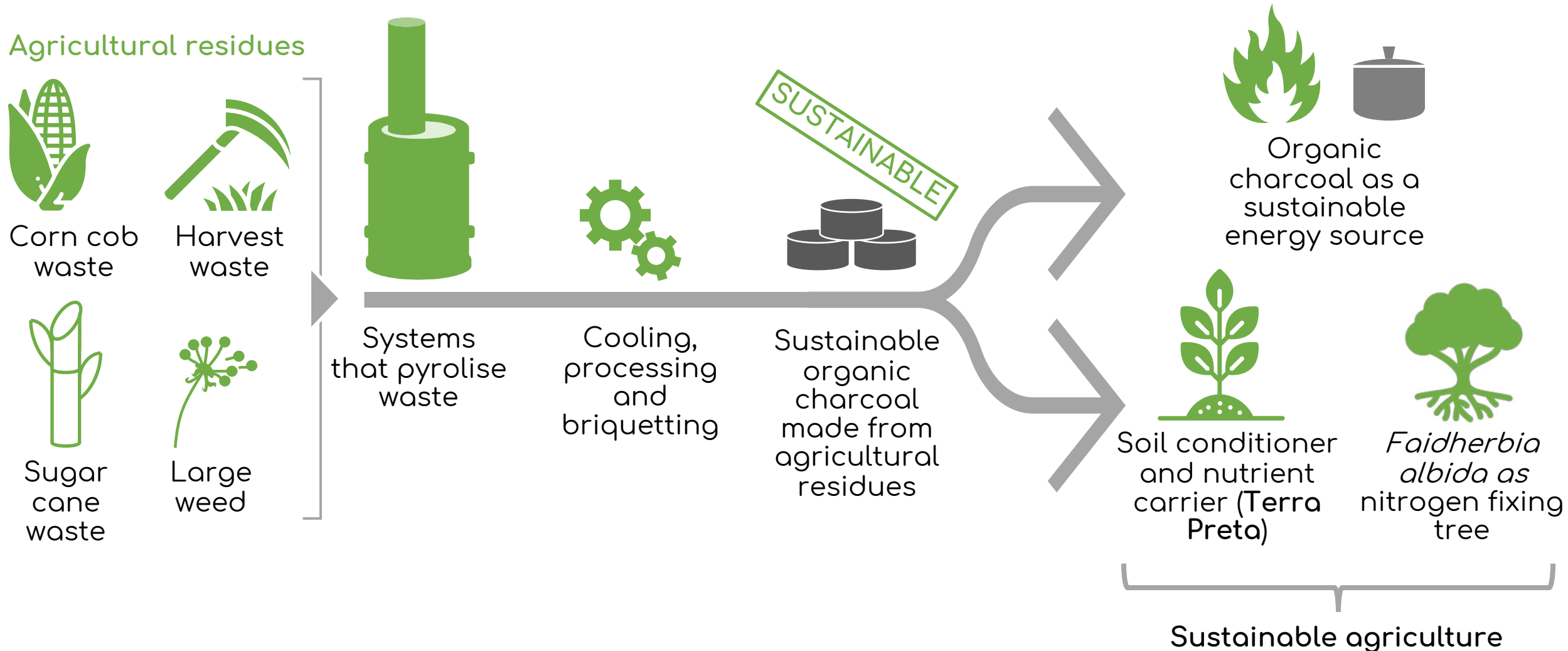
Humission e.V.

10.2023 - 12.2024

The Rapid-Program as leverage for District- and 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
- 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



07.04.24



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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



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