

# Tiyeni Strategy (2021-2025)

## INTRODUCTION

[Tiyeni](#) is a UK registered charity that promotes the use of deep bed farming (DBF) by smallholder farmers in Sub Saharan Africa. DBF is a game changing technology that more than doubles agricultural yields in the first year of adoption and improves soil health offering multiple benefits for both farmers and the environment.

### Societal Benefits

- DBF results in a doubling of farm yields in the first year of adoption, leading to an **instant impact on food poverty and hunger**.
- DBF results in increased family income leading to better **nutritional and health outcomes for children and adults**.
- DBF results in higher awareness of the importance of female farmer participation in agricultural decision making leading to more **women having leadership roles within their communities**.
- DBF results in farming becoming an economically attractive way of life for Malawian youth leading to younger people staying in rural areas and building less aged and **more vigorous rural communities**.
- DBF results in reduced economic need for husbands to leave the land to supplement family income by working away from home leading to **families** being able to resume **living and working together**.
- DBF results in improved community cohesion leading to **increased economic development** in areas where it is adopted.
- DBF results in increased water retention in the soil, prevents surface water run-off leading to a recharging of aquifers and **greater resilience of farmers to the impacts of on climate change**.

### Environmental Benefits

- DBF results in the reclamation of abandoned land leading to **increased biodiversity** as less marginal land is used for monocultural agriculture
- DBF results in increased water infiltration and reduced runoff of rain waters resulting in **reduced soil erosion**, reduced siltation of watercourses and the **elimination of flooding**
- DBF results in increased carbon retention in the soil leading to a reduction in global CO2 emissions and a **positive impact on climate change**.

## VISION 2025

Tiyeni's vision is that by 2025 80% of Malawi's farmers will not only be aware of the deep bed farming method and its ability to provide a sustainable means of doubling in farm yields, but also have knowledge of where to access training in the DBF method.

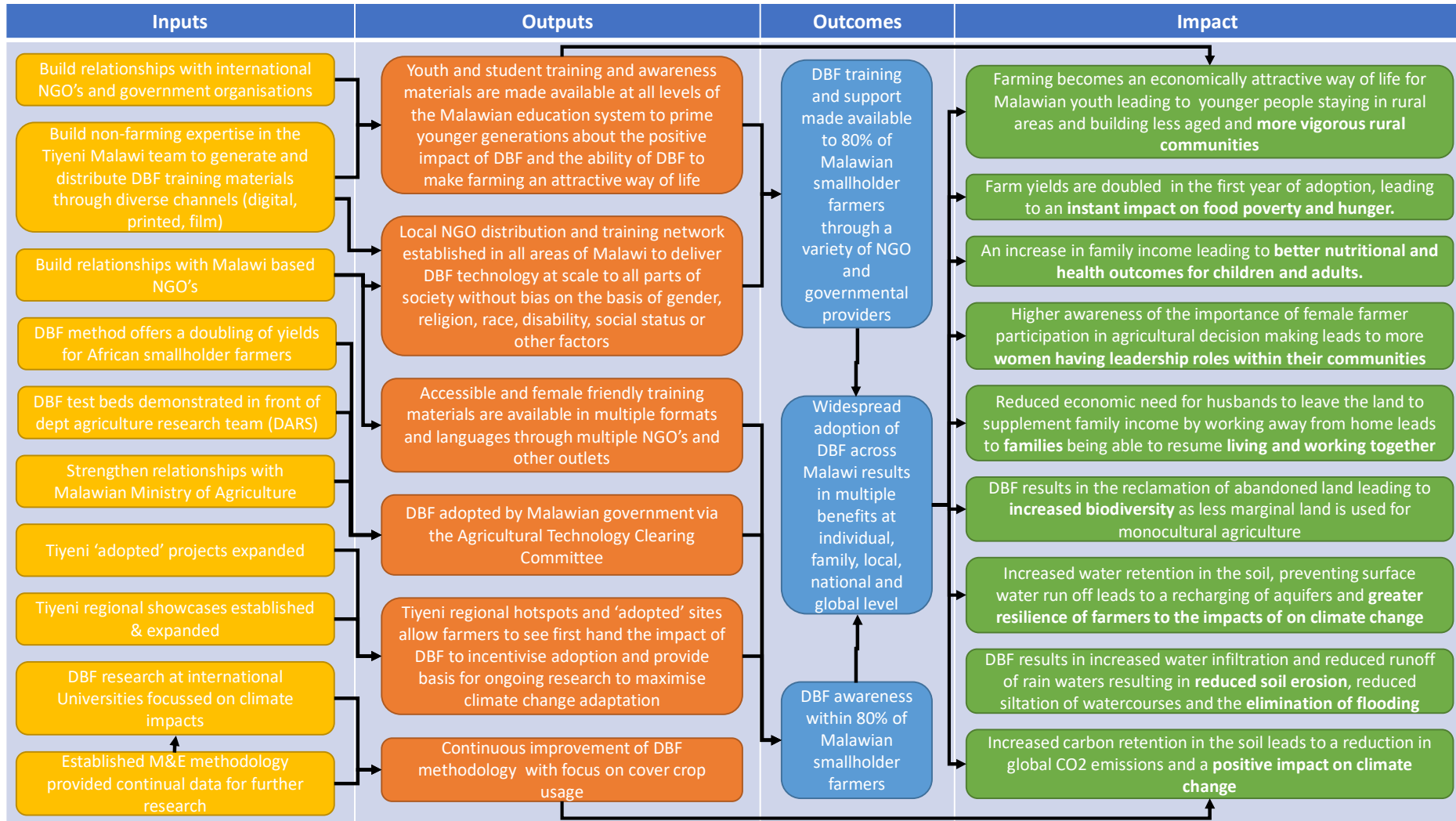
## Delivery

1. Tiyeni will establish DBF as the premier method of sustainable, climate smart agriculture.
2. Tiyeni will organically grow from our hotspots and our adopted projects.
3. Tiyeni will engage in advocacy with government & NGO partners in Malawi & beyond.
4. Tiyeni will ensure equity of access to DBF farming for ALL end users.
5. Tiyeni will develop our climate change message to multiple audiences.
6. Tiyeni will establish DBF as an integral method of erosion control to protect water systems

Tiyeni have developed a theory of change to support this delivery.

# THEORY OF CHANGE

Tiyeni supports this theory of change to translate our vision into meaningful targets.



# TARGETS

Tiyeni's theory of change is supported by the following specific targets to be delivered by 2025;

## **Tiyeni will establish DBF as the premier method of sustainable, climate smart agriculture.**

- Tiyeni will continue collaborative research of DBF with DARS (Dept of Agriculture Research Services) in order to obtain clearance by the ATCC (Agricultural Technology Clearing Committee).
- Tiyeni will network and build relationships with the Ministry of Agriculture. Until 80% of ministry staff are promoting DBF.
- Tiyeni will seek to collaborate with all relevant NGOs in the agricultural sector and large international donor agencies to enable them to offer DBF training.
- Tiyeni will, as a priority, develop training and awareness raising materials in multiple formats and languages.
- Tiyeni will increase the breadth of expertise within the Malawi team to transition from a training organisation to an advocacy organisation.

## **Tiyeni will organically grow from our hotspots and our adopted projects.**

- Tiyeni will expand the current hot spot in Central Malawi Administration Area.
- Tiyeni will expand the current hot spot in Northern Malawi Administration Area.
- Tiyeni will develop a hot spot in the Southern Malawi Administration Area.
- The Malawi based management team will define an annual plan for each of these hotspots. The plan will include target costs, target achievements and M&E requirements.
- Outside these hotspots Tiyeni will be open to adopting projects where these are aligned with our resources and objectives and are coordinated with the Ministry of Agriculture.

## **Tiyeni will engage in advocacy with government & NGO partners in Malawi and beyond.**

- Tiyeni will engage with other Malawi NGO's to promote DBF to all relevant sections of society, including education, nutrition and business.
- Tiyeni will engage with relevant sections of government in Malawi to ensure that DBF is part of their solution making process.
- Tiyeni will engage with international organisations and governments to promote the benefits of DBF.

## **Tiyeni will ensure equity of access to DBF farming for ALL end users.**

- Tiyeni will ensure that its training is accessible to all sectors of society, without bias on the basis of gender, religion, race, disability, social status or other factors.
- Tiyeni will ensure youth engagement in using DBF and promote agriculture as offering a profitable livelihood.
- Tiyeni will generate school education materials to be distributed within Malawian schools through the Malawi ministry of education.

## **Tiyeni will develop our climate change message to multiple audiences.**

- Tiyeni will support research on the positive climate impacts of DBF via the sequestration of carbon.
- Tiyeni will ensure incorporate training that explains to farmers how the use of DBF is climate smart.
- Tiyeni will promote and further develop the benefits of using green manure cover crops and agroforestry within DBF as effective land management and as a means of conserving biodiversity.

## **Tiyeni will establish DBF as a backbone of all methods of erosion control.**

- Tiyeni will work with Land Resource Conservation Department to prioritize mitigation of erosion in Malawi
- Tiyeni will ensure incorporation of trainings of farmers, front line staff etc. on the use of DBF to achieve zero runoff and soil erosion in Malawi.
- Tiyeni will engage NGOs, policymakers, development partners to deal with the root causes of the problem of soil erosion, power generation, flooding and siltation instead of mitigating the effects.