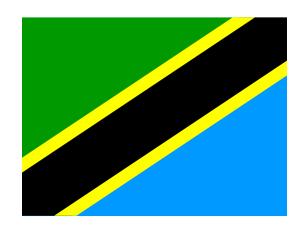
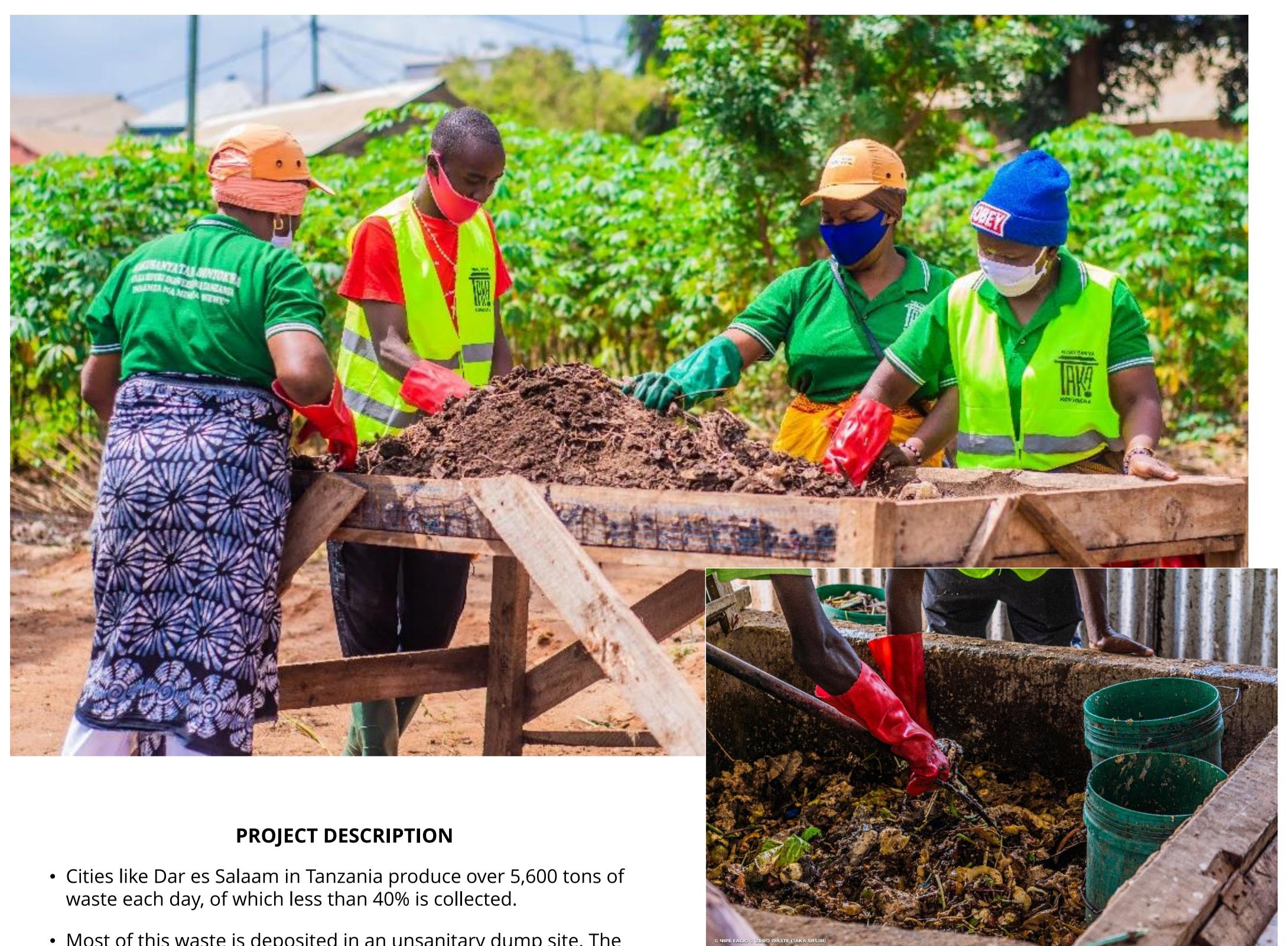


## Zero Waste System for Rapidly Growing Cities



Tanzania / Africa



- Most of this waste is deposited in an unsanitary dump site. The
  rest is burned, buried, or illegally dumped, often clogging
  waterways, contaminating soil, and increasing urban air
  pollution.
- To address this waste crisis, Nipe Fagio implemented a **Zero Waste System** in Tanzania in 2019, aiming to eliminate waste through reduction, reuse, recycling, and recovery without burning, incinerating, or discharging to land, rivers, or oceans.
- The zero waste model is a decentralized approach in which the management of solid waste starts at the source with segregation of waste at the household level.

## **PARTNERS INVOLVED IN PROJECT**

- Nipe Fagio
- GAIA
- Mother Earth Foundation
- Urban Movement Innovation Fund (UMI)
- Foundation NERE
- BreakFreeFromPlastic

## **RESULTS ACHIEVED**

- Achievement of 95% compliance of separation of waste at source.
- Diversion of 75-85% of waste from landfills.
- Recovery of more than 39 tons of organic waste per month at the Material Recovery Facility in a zero waste ward, which is leading to the reduction of methane emissions through composting techniques.
- Increased soil carbon storage from organics when applied to soil and less use of synthetic fertilizer.

## **LEARN MORE**



2024 Global Methane Forum Showcase Biogas