



SUCCESS STORIES

Story 1

Custom non-motorized, eco-friendly pushcarts boost waste collection rates and fees in inaccessible areas of Vingunguti ward, Dar es Salaam, Tanzania.

In Vingunguti Ward, Dar es Salaam, Mr. Chrispine Kanyogori now collects 1.5 pushcarts of waste in a day, up from just one, thanks to the support from the C40 Inclusive Climate Action (ICA) Fund 2023. This improvement is a testament to the transformative impact of community engagement and innovative waste management solutions in the city.

Dar es Salaam, like many cities worldwide, has long struggled with waste management. Around 40% of household waste remains uncollected, leading to blocked drainage systems, health problems, and infrastructural disruptions. However, inspired by other cities that have turned waste into valuable products, Dar es Salaam is making significant progress in addressing this issue.

The city has taken critical steps to involve residents in waste collection and recycling, thereby enhancing livelihoods, fostering small and medium-sized business growth, and improving cooperation between the government and residents. With the support of the C40 ICA Fund, the Dar es Salaam City Council and the Tanzania Alliance for Climate and Sustainable Society (TACSS Tanzania) have mobilized community groups to tackle waste management more effectively.

In 2024, two community groups in Vingunguti Ward, Pendezesha Vingunguti and Wazalendo, received ten non-motorized, climate-friendly pushcarts, wheelbarrows, fork spades, weighing balances, and personal protective equipment. This support has significantly boosted their waste collection capacity.



TACSS Tanzania, Mazingira Plus and Dar es Salaam city council supported formulated groups with ten (10) non-motorized and climate-friendly pushcarts. Other associated equipment supported to these groups included 10 wheelbarrows, 10 fork spades, 10 weighing balance and a range of personal protective equipment (PPE) including gloves, gumboots and reflective cloths.

Waste pickers and collectors in the Vingunguti ward have been able to collect waste in inaccessible sub-wards of the area. With the support of these pushcarts, Butiama group members have confirmed to have increased waste collection rate and fees by 35% as compared to collection rates before the project intervention

Mr. Chrispine Kanyogori, a member of the Pendezesha Vingunguti group, shared his testimony: “I used to collect one trip of a full pushcart within five hours using a hired pushcart, paying 2000 TZS (0.4 USD) per use. With the new pushcart provided by the project, I now collect one and a half pushcarts in 9 to 10 hours, covering three different sub-wards.”

Mr. Manyogo Bumbuni, Vice Chairperson of Butama, highlighted the project's unifying effect: “Before the project, we worked independently, missing opportunities to address common challenges. TACSS Tanzania’s meetings and training sessions united us under the Pendezesha Vingunguti group, enabling us to collect more waste and influence waste prices. We are proud of this intervention and our government’s support in recognizing and enhancing the value of waste.”



Mr Manyogo vice chairperson Pendezesha Vingunguti Group

City officials and technical staff in Vingunguti Ward have been trained to mobilize informal waste dealers and promote inclusive community participation in waste collection solutions. This has increased community awareness about avoiding illegal waste dumping, resulting in more waste being collected by pushcart collectors.

City leaders, including Hon. Omary Saidi Kumbilamoto and Dar es Salaam City Council Director Mr. Jomaary Mrisho, are calling for collaborative efforts with like-minded entities to enhance community-based waste collection. They emphasize the value of waste in today’s era, encouraging residents to leverage waste to improve their livelihoods and income.

Through the C40 ICA Fund, Dar es Salaam is setting a powerful example of how inclusive climate action can drive meaningful change, transforming waste management from a challenge into an opportunity for community empowerment and sustainable development.

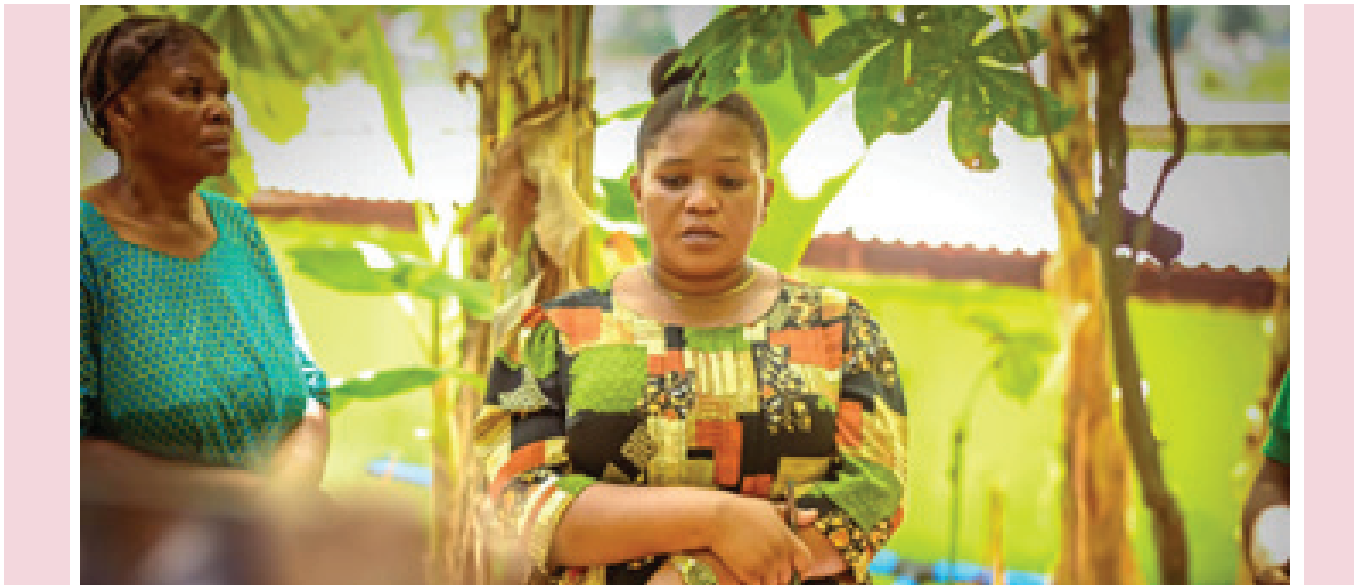
Story 2

Turning Waste into Opportunity: How Dar es Salaam's black soldier fly composting pit transformed Vingunguti.



In Vingunguti ward, Dar es Salaam, a revolutionary black soldier fly composting pit is making headlines for its success in turning food waste into valuable resources. One standout example is the Wazalendo group, a local community initiative that now collects 1,200 kilograms of organic waste each week. This waste is transformed into 500 kilograms of compost and highly nutritious black soldier fly larvae, significantly enhancing local gardening and animal feed supplies. Introducing the black soldier fly composting pit, an innovative technology made possible through collaboration with the Mazingira Plus, Tanzania Alliance for Sustainable Society (TACSS Tanzania), C40 Cities, and the Dar es Salaam City Council's C40 ICA fund project. This initiative embraced a zero-waste approach and involved the community in generating and utilizing their waste.

Before this transformation, Vingunguti struggled with rampant illegal waste dumping, which led to health and safety issues and frequent flooding. The community faced significant challenges in managing organic waste, and the environmental impact was considerable. Residents were concerned about pollution, and the area lacked effective waste management solutions.



Ms. Imelda Yusti, a member of the Wazalendo group, shares her story: “Before we had this composting pit, managing our waste was a huge challenge. We were dealing with piles of garbage and facing health risks from improper waste disposal. Now, we not only manage our waste effectively but also generate compost and larvae that support our community. We use the compost for home and city gardening, and the larvae sales help cover our children's school fees. The difference has been extraordinary.”

The black soldier fly composting pit offers dual benefits: it provides high-quality compost for gardening and valuable larvae for animal feed, with local market prices ranging from 2,000 to 4,000 TZS (1-2 USD) per kilogram. This has created new economic opportunities and improved living conditions in the ward.



Ms. Monica Moshia, the Principal Environmental Officer and Dar es Salaam C40 ICA fund project Manager, emphasizes the broader impact: “This project has been a game-changer. By reducing illegal dumping and addressing health concerns, we're not only improving environmental conditions but also contributing to the city's climate action goals. It's a critical step toward reducing greenhouse gas emissions and implementing our climate strategies.”

The success of the black soldier fly composting pit in Vingunguti is evidence of how innovative waste management solutions can drive significant positive change. What was once a community burden has now become a source of pride, opportunity, and environmental stewardship.