BUKAVU

INTEGRATED SUSTAINABLE BIO-WASTE MANAGEMENT IN BUKAVU

Bukavu's pilot responded to the challenge of organic waste accumulating in markets while peri-urban farmers faced demand for affordable agricultural inputs. It tested whether a local bio-circularity hub could connect market waste management with compost production, agricultural production and livelihood opportunities.

The intervention introduced waste segregation at Feu Rouge Market, established a composting unit in Cituzo, Mudaka, and trained vendors, youth and women in waste sorting, composting and nursery management. Demonstration plots showed the use of certified compost in vegetable production, while nurseries produced fruit-tree seedlings. The pilot diverted 26 tonnes of organic waste from landfill, produced 9.2 tonnes of mature compost and generated 4,680 seedlings. Vendor participation in waste segregation reached 200 traders, twice the original target.

The composting hub, market bins and nursery assets were handed over to local partners, with OCEAN asbl and Les Bons Samaritans taking responsibility for daily operations and COPMU managing compost sales and reinvestment. Potential for replication in other Bukavu markets and cities including Goma, Kalemie and Kinshasa, is identified provided municipal partnerships, certification capacity and community ownership are secured.

Contact
Bukavu Municipality: Alex Lina Aleke
alexlina2001@yahoo.fr
Rikolto: Bonnke Safari
bonnke.safari@rikolto.org





