Organic Waste Recycling Pilot Project

Expected project CAPEX: 2'630'000 €
Mandating Authority: Kampala Capital City Authority (KCCA)
Project Type: Composting

Summary
The Project aims to set up a modern pilot plant for recycling of organic waste into protein and high quality fertilizer. The pilot targets a capacity of 1000 tons per month, which is 3% of the estimated organic waste generated in the city.

Location and population
Kampala Capital City, Uganda
1.5 million inh.

Social and environmental impact
Improved health and nutrition for children; increased soil fertility and agricultural productivity; job creation; reduced GHG emissions; reduced community exposure to environmental hazards; lower costs for landfill operation and maintenance.

Main stakeholders
Kampala Capital City Authority, Uganda Industrial Research Institute, Informal communities, Development Partners and City Residents, School Children, Waste Recycling Industries.

Mandate Letter

FMDV, the International Alliance dedicated to support Local Governments to sustainably finance their urban development, is committed to taking concrete action and to be an active partner in working to deliver the climate objectives committed to by the 175 signatory nations of the Paris Agreement. Low carbon, climate resilient and sustainable development is amongst the very highest of our priorities. For these reasons, we hereby adhere to the R20 Charter and we confirm that we share the values and objectives that this document describes.

We welcome R20’s initiative to work alongside government, industry and investors in accelerating the emergence of low carbon climate resilient infrastructure projects. We hereby mandate R20 to explore opportunities for the development of such projects within our partners cities and regions. Through that call we received more than 45 projects from Latin America, Asia, Africa and Middle East.

We confirm that these projects, and any projects that we may subsequently identify in reference to this mandate, are part of our sustainability strategy and contribute to the intended nationally determined contribution (NDC). In support of the mandate conferred by this letter, we hereby commit to work as an active partner alongside R20 and its partners in the design, financing and implementation of these projects.

Yours sincerely,

Habeau Jean-François
Executive Director
The project is an integrated organic waste management pilot plant with capacity to recycle up to 1000 tons per day. Kampala’s waste is predominantly organic (about 70%) and is suitable for production of high quality protein and other by-products. The project is a collaboration between KCCA and the Uganda Industrial Research Institute.