

ABOUT MOMBASA CLIMATE INNOVATIVE CENTER

As a prime telecom engineering and consultancy firm, we at Mombasa climate innovative center also offer integrated, end-to-end services for responsible disposal and recycling of end of life IT assets, telecom equipment and electronics. With electronic waste becoming a major environmental concern in the country, Mombasa climate innovative center has stepped in to provide a proper, environmentally responsible and sustainable solution for e-waste management, it provides these services through its partner – WEEE Center , Kenya's largest electronic asset management company. As a pioneer in the telecom industry, Mombasa climate innovative center brings in WEEE's expertise in the clean tech recycling domain and offers integrated solutions for sustainable management of e-waste, refurbishment of electronics, electronics asset recovery, data security and electronics reverse logistics.

ABOUT E-WASTE



E-waste or electronic waste refers to old electrical and electronic equipment that have reached the end of their life. E-waste contains numerous toxins, which if not disposed in an appropriate manner can cause environmental pollution and health hazards. Apart from toxins e-waste also contains resources like metals and rare earths which can be recovered and reused. Proper recycling of e-waste can help ensure that these resources are extracted from e-waste while the toxins are disposed responsibly.

MOMBASA CLIMATE INNOVATIVE CENTER RECYCLING PATNER



WEEE CENTER

Waste Electrical and Electronic Equipment Centre

The E-waste (Handling and Management) Rules specifies the Responsibilities of Bulk Consumers & Producers to ensure proper e-waste management. By offering e-waste recycling services, TCIL helps both bulk consumers and producers comply with these responsibilities and regulations.

MOMBASA CLIMATE INNOVATORS : TEAM

<input type="checkbox"/> PIUS	KHAINJA	– FULL STACK DEV / LEADER
<input type="checkbox"/> JEREMY	ATULO	– FRON END DEV
<input type="checkbox"/> IBRAHIM	BORU	– FRONT END DEV
<input type="checkbox"/> FEISAL	HASSAN	– WEB DESIGNER
<input type="checkbox"/> CHRIS		– CONTENT CREATOR

TRACTION

Growing industrialization , high population growth and immigration rate have led to a rapid increase in solid waste generation in Mombasa which has, in turn, put increasing pressure on the waste management infrastructure

SOLUTIONS: Bulk Consumer

01

They must deposit their e-waste with dealer/authorized collection centers/registered dismantler/registered recycler, or dispose their e-waste through producer's e-waste take back program

02

They shall file annual returns to SPCB or PCC

They shall not import used electrical and electronic equipment in India

03

SALES STRATEGY

Create a unique consumer-friendly brand to represent easy recycling of e-waste. Support the launch with prominent roadside graphics and custom e-waste receptacles at the collection depot, and stage an opening day event to attract media attention to the purpose and use of the new depot

MARKETING

In Mombasa, approximately 1000 metric tons (Mt) of e-waste was generated - an average of 7.3 kg per capita. It is estimated that the amount of e-waste generated will exceed 50000 by 2030, meaning that the global quantity of e-waste is increasing almost 15000 per year.

The increasing amount of e-waste is driven by higher consumption of electronics, urbanization, industrialization, short life cycles and limited repair options. In 2022, the highest quantity of e-waste was generated in Changamwe, followed by Jomvu and Likoni.



**THANK
YOU!**