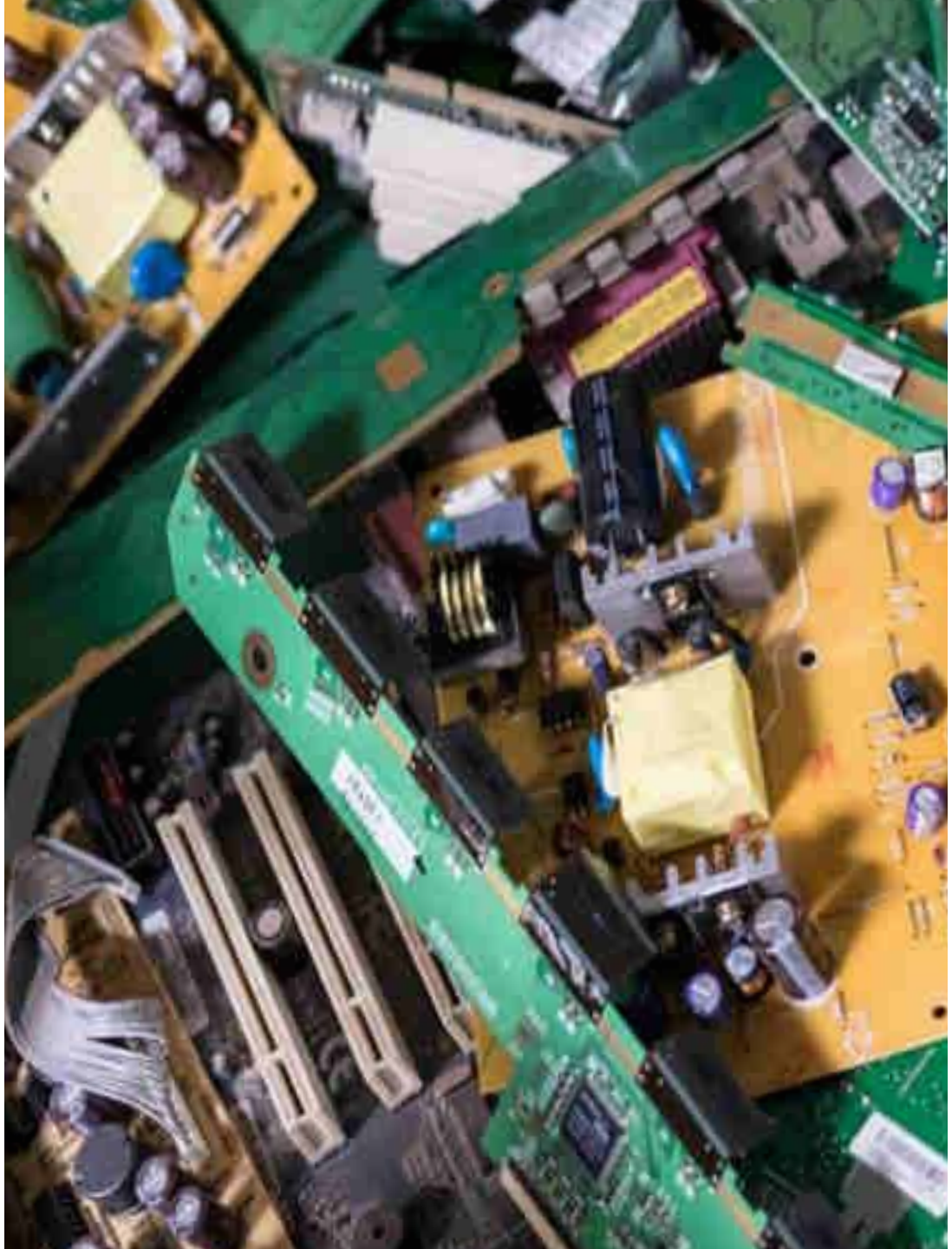
WEEE CENTRE

Managing e-Waste for a Safe Environment

COMPANY PROFILE

ISO Certified 14001:2015

ISO Certified 9001:2015



WHO WE ARE

Waste Electrical and Electronic Equipment Centre (WEEE Centre) offers the services of awareness creation (training) and safe disposal of electrical and electronic waste (e-Waste); in accordance with NEMA waste regulations and WEEE regulations that are protective to both the environment and public health. As a fundamental core value, The WEEE Centre runs an environmentally friendly operation. We are committed to the efficient, safe and conservative disposal of electrical and electronic waste.

The WEEE Centre is an off-shoot of Computers for Schools Kenya (CFSK) based at the Mihang'o, Embakasi, off the Eastern Bypass . The Centre implements the Best Management Practices (BMP) for handling e-Waste, entailing reuse of serviceable electronic equipment and components, recycling through material recovery, management for energy recovery, and finally, disposal of materials that cannot be safely handled locally by export to competent collaborating partners overseas.

Mr. Bonnie Mbithi

Chief Executive Officer

Our Story

About WEEE Centre Kenya

ABOUT US

WEEE Centre focuses on safe and environmentally friendly disposal of all electrical and electronic waste.

What is our purpose – Mission

Securing a green and safe environment through the provision of e-waste management services.

What is our ambition – Vision

Safely managing all obsolete and end-of-life of electrical and electronic equipment.

OUR OBJECTIVES

WEEE Centre offers its services through our objectives which define who we are.

To promote the development and implementation of national policies for reuse, repair, refurbishment and recycling of electrical and electronic equipment with a view to protecting the environment and public health and promote national development.

To work with local, national, regional and international initiatives to divert end-of-life equipment from garbage dumps towards sustainable reuse and recycling to protect public health and the environment

Explore and promote opportunities for youth and community entrepreneurship offered by the responsible and conservative management of electronic waste.

To raise public awareness on the adverse effects of e-waste on the environment and public health and the responsible sound management of used and end-of-life electrical and electronic equipment.

OUR SERVICES

Asset Recovery

Core Services

- ✓ Asset Recovery
- ✓ Secure Data Destruction
- ✓ E-waste Recycling

Secure Data Destruction

BUSINESS

TRAINING

Value Additions

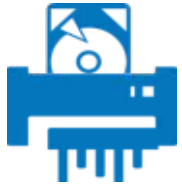
- ✓ Training

E-waste Recycling

SERVICES IN BRIEF

IT Asset Recovery

Functional electronic, equipment, parts and accessories are recovered and reused. Some of it by CFSK's own extensive maintenance and support programmes.



Secure Data Destruction

Destruction of confidential information on the electronic media, leaving no residue data and ensuring that the data is irretrievable by any means.

E-waste Recycling

Decommissioned parts and fractions that cannot be recycled or reused locally are reshipped to recycling facilities with capability and capacity to safely dispose of them.

TRAINING

The WEEE Centre monitors and create awareness in different sectors through Training on the safe e-waste handling, storage and disposal methods and their adverse effects on the public health and environment if not properly disposed.

About **1%** is recycled

WEEE are Circular!

99% not

collected for recycling

¤ 100 collection points ¤ Over 8 000 clients ¤ 10 000T of e-waste ¤ Over 8M devices depolluted

OUR COMMITMENT TO SAFE RECYCLING

We have a '**ZERO DUMPING**' policy guiding us to ensure circularity in our processes such that nothing goes to waste or dumping sites or informal recycling.

Licensed by the National Environment Management Authority (NEMA) to transport and recycle e-waste.

Reduce CO_2 emissions

so far 14,400tons of CO_2 have been avoided equating to Emissions!

1ton of CO_2 = weight of 1 elephant

ISO Certified 9001:2015 and 14001:2015
to ensuring:

- ✓ Accountability
- ✓ Sustainability
- ✓ System legitimacy

WHAT IS E - WASTE?

E-waste, also known as Electronic Waste defines all electrical, electronic & battery powered equipment that are discarded because they have either reached end of life, overtaken by technology or no longer in use. We have six main e-waste streams.

SMALL IT

Printers

Phones

Keyboards

Mice etc.

SMALL EQUIPMENT

Fans

Microwaves

Vacuum cleaners

Cameras etc.

LARGE EQUIPMENT

Floor printers

Scanners

Washing machines

Cookers etc.

TEMP. EXHANGE

Vending machines

Air conditioners

Fridges etc.

LAMPS

Fluorescent bulbs

Energy saving bulbs

Solar bulbs tubes

etc.

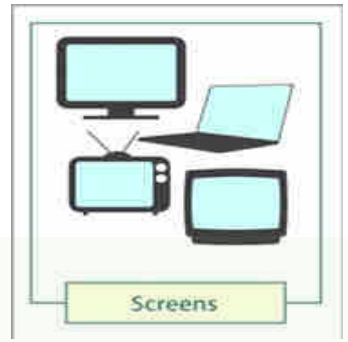
SCREENS

Laptops

Monitors

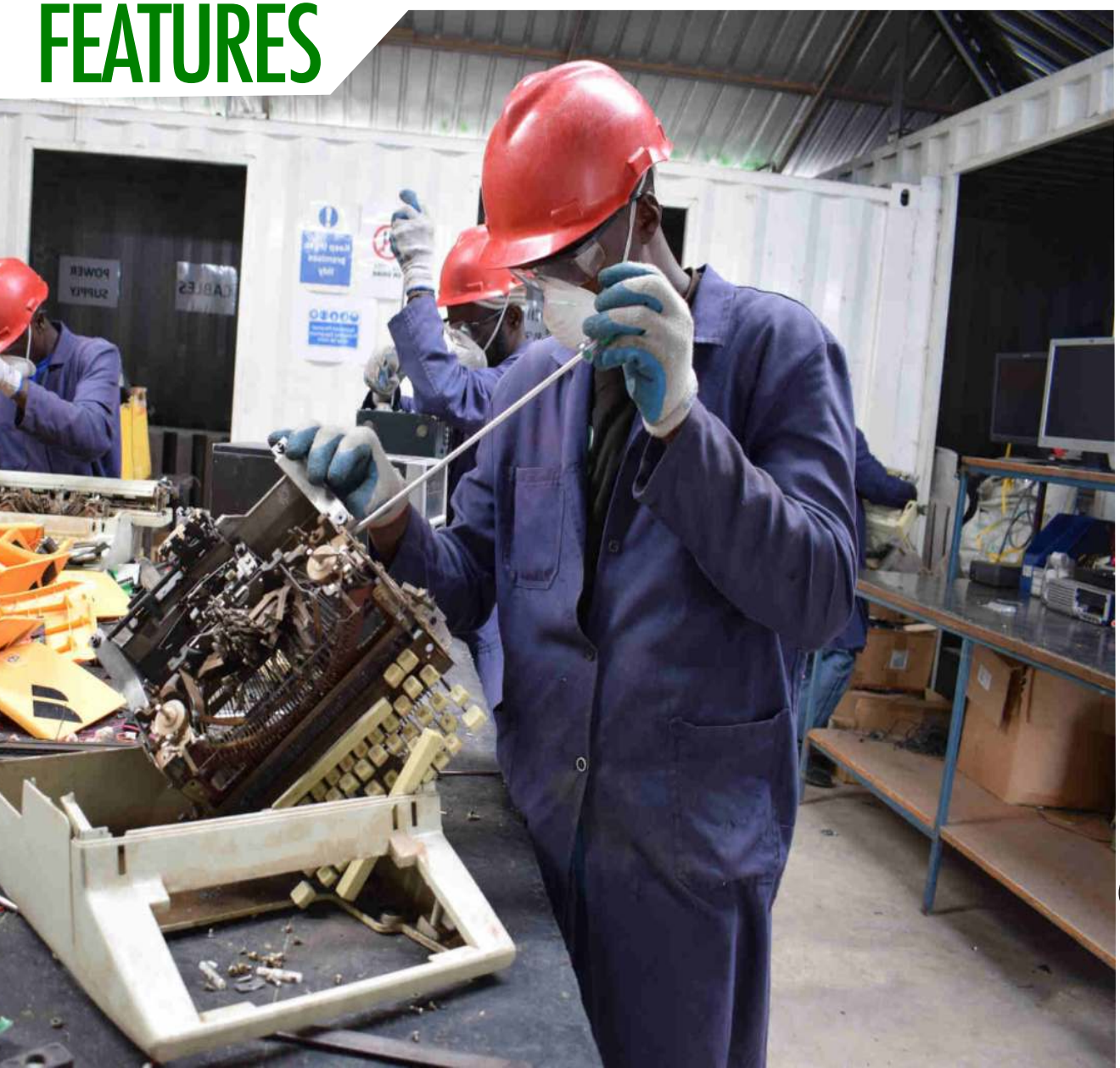
Display screens

TVs etc.



Electronics are filled with chemicals and substances that are harmful to human health and the environment, including toxic metals, flame retardants, and persistent organic pollutants. E-waste-connected health risks may result from direct contact with harmful materials from inhalation of toxic fumes, as well as from accumulation of chemicals in soil, water and food.

FEATURES



INTRODUCTION

A record 53.6 million metric tons (Mt) of electronic waste was generated worldwide in 2019, up 21 per cent in just five years, according to the UN's Global E-waste Monitor 2020, release. The new report also predicts global e-waste - discarded products with a battery or plug - will reach 74 Mt by 2030, almost a doubling of e-waste in just 16 years. This makes e-waste the world's fastest-growing domestic waste stream, fueled mainly by higher consumption rates of electric and electronic equipment, short life cycles, and few options for repair. Only 17.4 per cent of 2019's e-waste was collected and recycled. This means that gold, silver, copper, platinum and other high-value, recoverable materials conservatively valued at US $57 billion – a sum greater than the Gross Domestic Product of most countries were mostly dumped or burned rather than being collected for treatment and reuse.

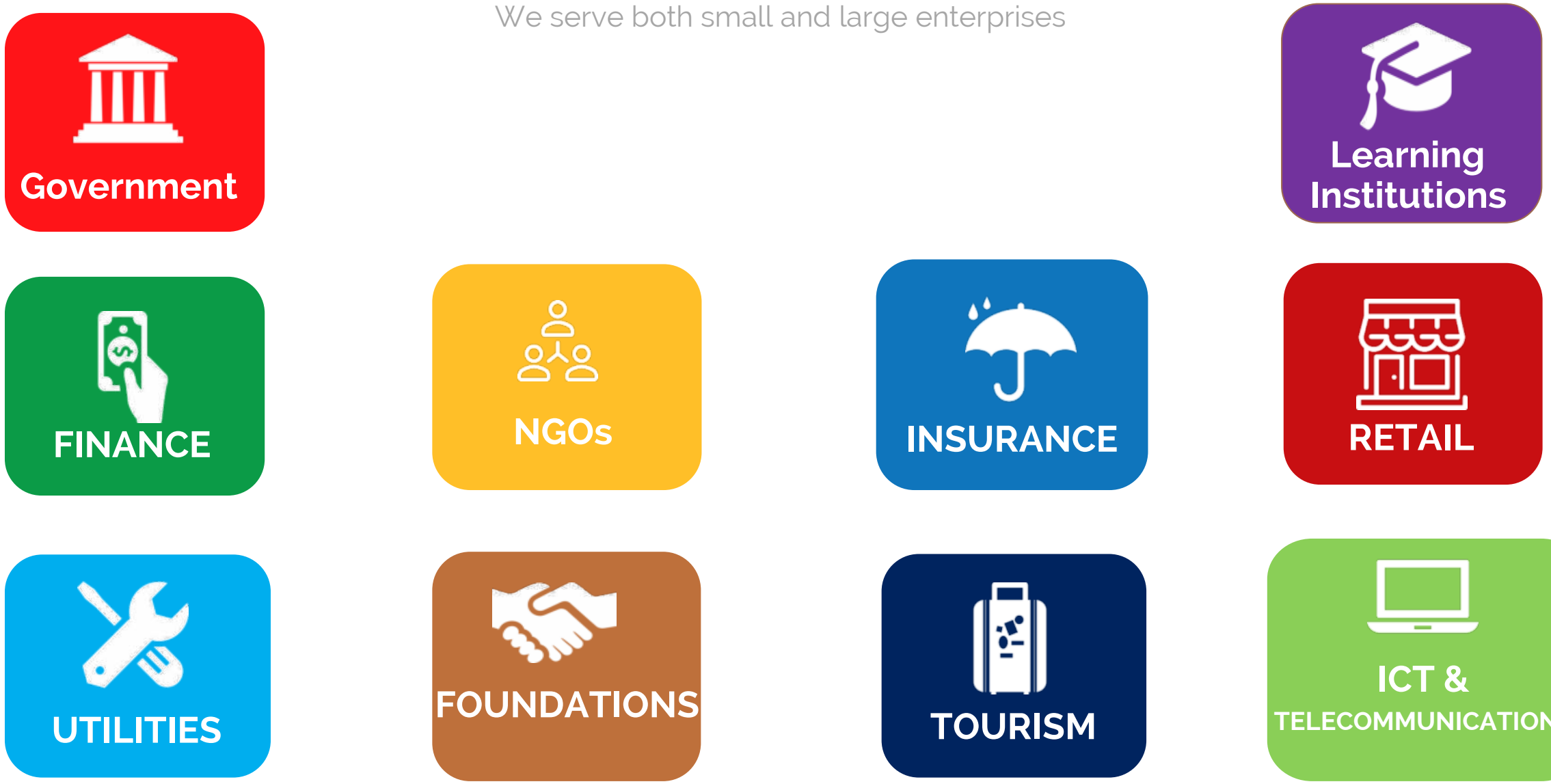
In Kenya, 10,000 tons of e-waste was collected and recycled by the WEEE Centre since Inception which is one of the largest e-waste processing facility in Kenya. Due to the recycling of material and reintroduction into production, less new material will have to be produced. Because the production of material from virgin resources needs more energy, and emits more greenhouse gasses than recycling, the activity of recycling "avoids" the emission of greenhouse gasses.
For every ton of e-waste collected and recycled by WEEE Centre; 1.44 tons of CO2 emissions are avoided. In other words, with the 10,000 tons of e-waste collected and recycled by WEEE Centre's projects, 14,400 tons of CO2 emissions have been avoided.

"10,000 tons of e-waste recycled

14,400 tons of CO_2 emissions avoided"

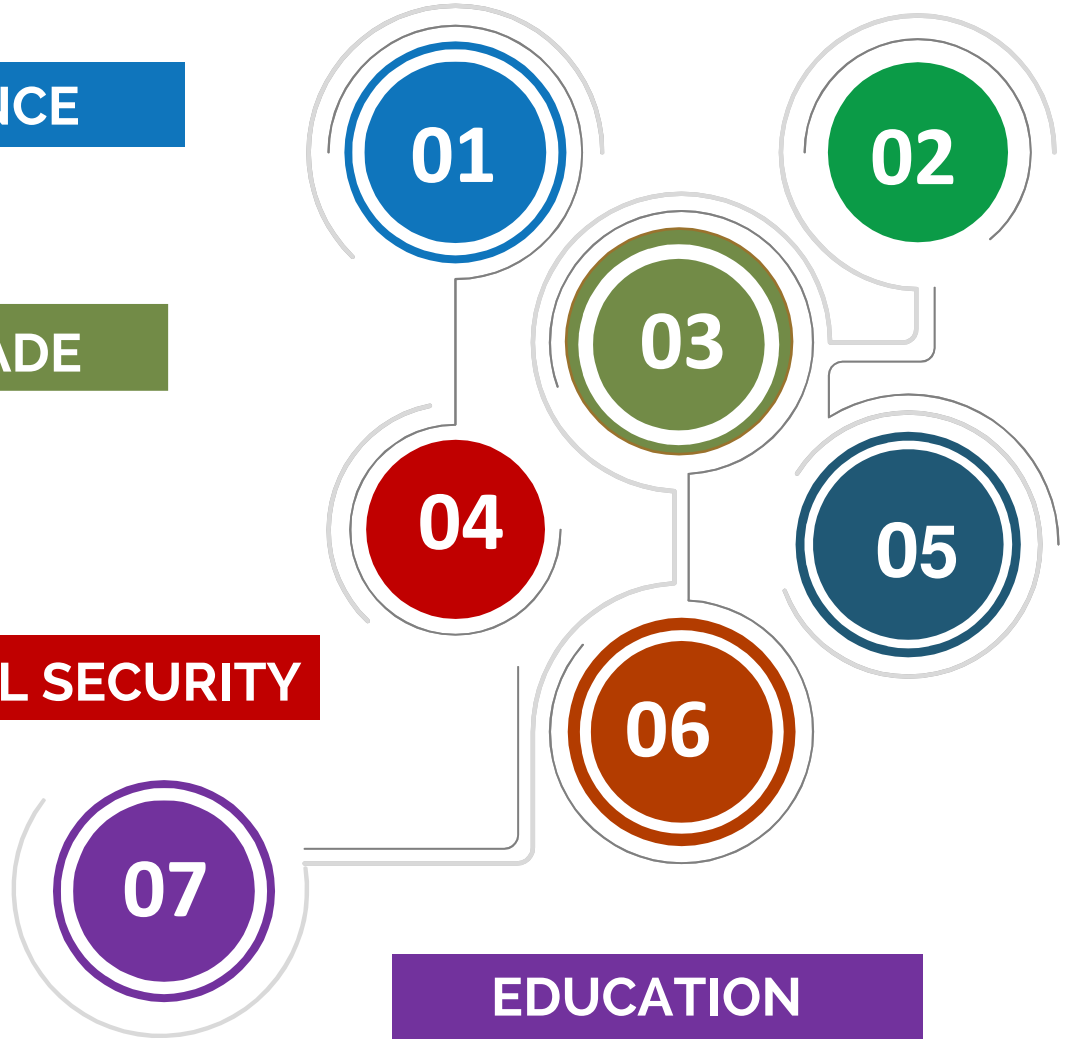
Industries We Serve

We serve both small and large enterprises



WEEE Centre in Public Sector

The WEEE centre monitors and creates awareness in different sectors of the Government.



FINANCE

ENVIRONMENT

TRADE

PUBLIC HEALTH

LABOUR AND SOCIAL SECURITY

ICT

EDUCATION

WEEE Centre Machinery

Incinerator

Plastic bailer

Bulb eater

Cable stripper

Glass crusher

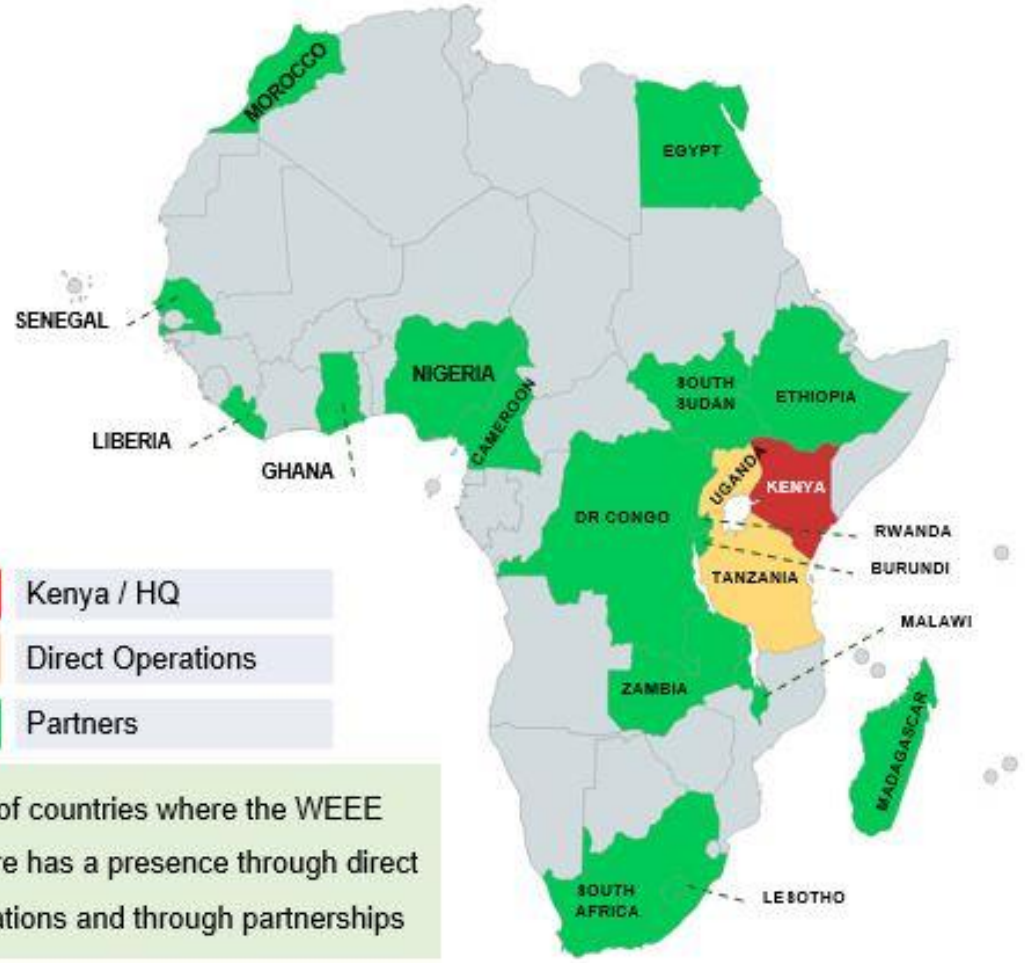
Plastic shredder

CRT Cutter

HDD Degausser

WEEE CENTRE in Africa

Managing e-Waste for a Safe Environment



Map of countries where the WEEE Centre has a presence through direct operations and through partnerships


Kenya


Ethiopia


Egypt


Tanzania


south sudan


Nigeria


Ghana


zambia


Liberia


Uganda


cameroon


Morocco


Madagascar


Rwanda


Angola


South Africa


Malawi


Senegal


Lesotho


DRC


burundi

FEATURES

Zo, Manu and Susan posing for a photo during the digitruck Launch

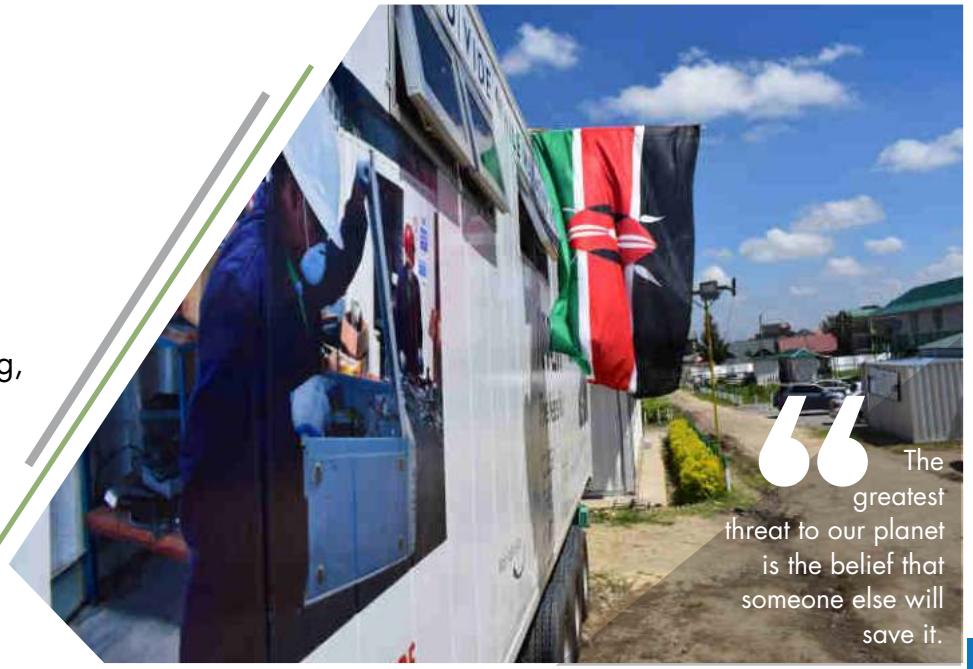
Norec (Norwegian: Fredskorpset, meaning the Peace Corps) is a Norwegian governmental body financing two-way mutual personnel exchange between companies and organisations in Norway and similar companies and organisations in the global South - that is countries in Africa, Asia and Latin America. Previous to 2018, the organisation was named FK Norway.

A Norec (FK Norway)-exchange takes place through the mutual exchange of employees or members between organisations or businesses based in different countries for a 3-12 months period.

THE DIGITRUCK

WEEE Centre Kenya in partnership with Close The Gap, Launched a mobile training center (The DigiTruck) for technical skills in a bid to enhance its capacity to facilitate technology-related skills at county levels in Kenya. The project, has seen regional trainees trained on new generation computing, E-Waste Management, and related technologies. It will also help in sensitizing communities on responsible e-waste disposal in Kenya.

Enter the DigiTruck. A 40-foot steel cargo container converted into a mobile computing unit. It is equipped with solar panels capable of fully powering it for several days at a time so it can reach remote rural villages with no electricity. The DigiTruck is also triple-insulated to protect against heat. Inside the DigiTruck includes laptops, tablets, printers, routers and a LED TV flat-screen monitor



WEEE Centre Awards and Recognition

In recognition of our quality provision of e-waste management services, we have received the following awards .

Top 35 Under Thirty5

CIO100 ANNUAL SYMPOSIUM AND AWARDS

COYA

Over 14,400T of CO2 emissions avoided

NEMA Award for exhibiting best practice in Waste Management 2013

Save the world Expo Award for being 2nd best stand in the category of Conservation and protection of the environment and climate system 2012

CIO100 Award for ranking among the top 100 organization in the CIO100 Annual Awards Competition 201 4

CIO100 Green Edge Award 2011

Ocean Conservancy Award for outstanding and dedicated services to the international coastal clean -up and commitment to achieving trash free seas.

Our Collaborating Partners

CONTACT US!

MIHANG'O, EMBAKASI

OFF EASTERN BYPASS

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