

# E-waste Management Services:

Large & Small Household Appliances, Office and Communication Devices, Lighting Equipment & Electrical tools, Sport & Leisure Equipment



THE INITIATES PLC

...supporting greener production & consumption

## About Us

The Initiates Plc., is a Nigerian company delivering international standard contracting and consulting services in Waste Management, Industrial Cleaning and Decontamination to both private and Public sectors including the Oil and Gas industry. The company has multi-disciplinary and flexible workforce structured to be functional in a wide range of work environment. The company has all the relevant permits necessary for the delivery of her services.

## Our E-Waste Processing Plant

The Initiates Plc operates a complete e-waste processing facility. At our facility we process all types of e-waste including:

- Large & Small Household Appliances (**LHA**: ovens, refrigerators, toasters, vacuum etc)
- Office and Communication Devices (**OCD**: computers, printers, scanners, faxes, etc)
- Entertainment Electronics Devices (**EED**: TVs, Hifis, portable CD Players, etc)
- Lighting Equipment (**LTE**: fluorescent tubes, lamps, etc)
- Household Electrical tools (**HET**: drilling machines, electrical lawnmowers, etc)
- Sport and Leisure Equipment (**SLE**: electronic toys, training equipment, etc)

## Processing Technology



**CRT Processor**



**PCB Processing**

- ✓ **Printed Circuit board (PCB) Crushing and precious metal recovery:** Our PCB processing facility (San-Lan PCB Recovery Plant) crushes the segregated printed circuit boards to about 1mm and separates the precious metal contained.
- ✓ **Bulb Crushing & Mercury Recovery:** Our highly efficient Balcon Bulb Crushing & Mercury Recovery Equipment has the capability to separate glass content of the bulb or fluorescent tubes or other mercury containing tubes. The glass and the mercury are collected separately without any release into the environment as the system is a closed loop recovery unit with HEPA filter that carries out filtration of the mercury vapour.
- ✓ **Cable Recycling:** Our Compact Cable Recycling Machine (WCD-100C) separates plastic content of the cable from the copper wire. At the end of the process 100% plastic is recovered and also the copper is fully recovered under a highly contained and controlled environment.



We are Innovative



PCB Line

Compact Cable Recycler

Bulb Crusher

ODS Reclamation Unit

- ✓ **Cathode Ray Television Cutting (CRT):** We use our Vacuum CRT Cutter System to remove the CRT glass body which principally contains lead from a CRT television or monitor without any release of dust to the environment. The equipment is highly controlled and contained to avoid unwanted discharge of toxic materials to the environment.
- ✓ **LCD/LED Dismantling:** We have a Vacuum Dismantling Plant for disassembling LCD and LED units in a very controlled environment.

## The Initiates Plc

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## Our Major Clients

