

HANISA E-WASTE MODEL (HEMOD)

BACKGROUND

Ghana generates over 150,000 tonnes of Waste Electrical and Electronic Waste Equipment (WEEE) annually. This importation of end-of-life electrical and electronic equipment into the country. The safe handling and disposal of these volumes of WEEE currently presents a challenge; to the policy makers and the MMDAs. Attempts by Scrap metal scavengers to retrieve precious metal components from WEEE is presenting enormous environmental challenges in Ghana, especially Accra - due to pollution from burning, especially of copper cables, and the resultant exposure of the scavengers to hazardous WEEE components such as Lead, Mercury, Phosphorus etc. A central point for the crude dismantling of WEEE in Accra, Agbogbloshie, remains one of the most toxic places on earth according to the World Health Organization (WHO) and a green peace research finding

OBJECTIVES

The overall objective is to develop a sustainable e-waste management system which makes e-waste re-usable and recycling. The project aims to establish a structured approach to e-waste Education/ Publicity, collection, dismantling and sorting, safe disposal of hazardous components and export of recyclables. In doing this, HEMOD will provide an avenue for various institutions, businesses; individuals etc. to dispose of their mounting stocks of WEEE in an environmentally sustainable manner.

ACTIONS

- » Create a formal E-waste collection network comprising consumers (private, corporate and institutions) as well as informal e-waste collectors.
- » Facilitate the private sector to build recycling plants and refurbishment centres across the country to sort, dismantle and recover waste into its various components in an environmentally sustainable manner.
- » Study and discover prospective markets - both locally and abroad for sale of retrieved e-waste components
- » Facilitate proper disposal of toxic e-waste components such as Mercury, Lead, cadmium etc. in a safe and environmentally friendly manner.
- » Facilitate job creation, consumer information exchange, skill transfer, capacity building and encourage small/medium enterprise business opportunities.
- » Provide opportunities for local youth in e-waste scavenging to obtain training in safe handling of e-waste and supply opportunities to earn a living.

ENVIRONMENTAL PROTECTION AGENCY

LOCATION:

Greater Accra Region - Agbogbloshie, Oyibi and Other Suburbs of Accra

Budget



\$250,000.00

Timeline



24 Months