

Waste Pole

As a leading institute in the management of household solid waste and hazardous waste in West and Central Africa, the African Institute for Urban Management has, over the past twenty years, capitalized a confirmed experience in this area.

The Waste Pole strengthens the capacities of municipalities and other institutions responsible for waste management and provides them with technical tools for the sustainable management of the said waste.

Urban solid waste

The waste pole assists municipalities to formulate urban solid waste management plans and promote waste recovery.

Training decision-makers in household solid waste management: «What you need to know about solid waste management»



Training on solid waste management

The African Institute for Urban Management (IAGU), in partnership with the Golder Associated firm, the Basel Convention Regional Centre Pretoria, prepared a training program on solid waste management in Africa with the support of the World Bank institute.

The training is meant to strengthen the capacities of concerned professionals in solid waste management and familiarize them with the tools required to take decisions on solid waste management.

The training is meant for decision-makers, locally elected representatives, officials of ministries, government agencies, firms, NGOs ...

Characterizing waste

The definition of solid waste management plans require prior knowledge of the typologies and quantities of waste produced. IAGU proposes characterization techniques adapted to the context to African municipalities.



Characterizing wastes

Recovery of organic matter



Compost production

IAGU assists municipalities to set up units for organic waste recovery through the production of compost. The setting up of these compost production units go hand in hand with a programme for the sensitization and training of households in waste sorting and selective organic waste collection.

Preparation of solid waste management strategic plan

IAGU has developed technical assistance tools to support African cities to develop solid waste management (SWM) strategic plan.

Feasibility study of waste treatment unit (biomedical, W3E, plastics, waste treatment centre ...)

These feasibility studies facilitate the inventory of existing treatment options, a comparative analysis of these options based on technology performance, the cost, socio-economic and environmental impacts.

Hazardous waste

Hazardous waste inventory

To support the preparation of hazardous waste management plans, IAGU provides training in the inventory techniques and the setting up of a data base to monitor this waste stream.



Hazardous wastes



Training on biomedical wastes

Training on biomedical waste management

IAGU experts have developed and tested a new training concept which is action-based. This training provides support to the medical and paramedical staff during a given period to ensure a change of practice in the management of this infectious waste. While providing the said support, trainers define the waste collection routes and schedule, lay out storage areas and prepare visual media to sensitize patients and other persons visiting the structure.

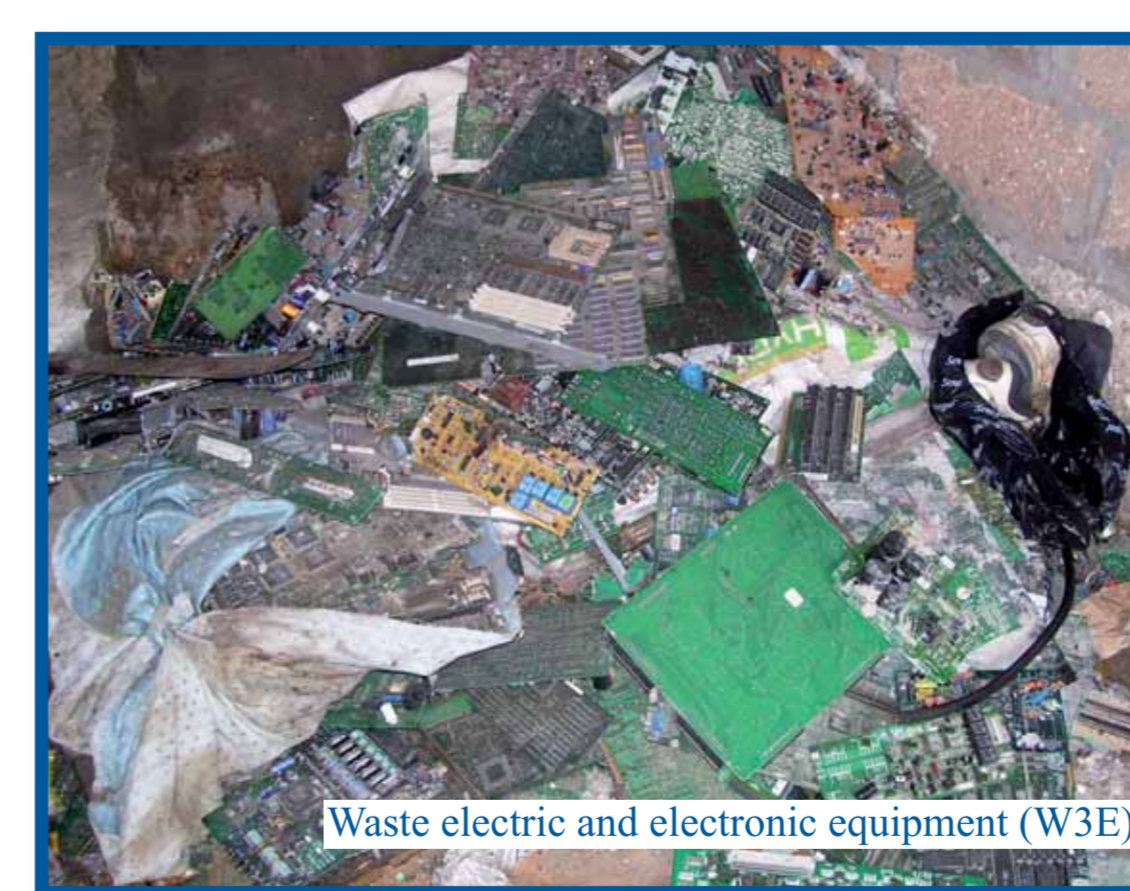
Used oil management

The management of used oil in developing countries has several limitations. IAGU undertakes diagnostic studies on oil used by industries and proposes appropriate treatment, reclamation and elimination options.



Used oil management

Management of electric and electronic equipment waste (W3E) :



Waste electric and electronic equipment (W3E)

Many African countries are committed to improving access to new information and communication technologies by facilitating the average citizens' access to the global ICT network. Computers used to equip multimedia rooms are second-hand, donated by various partners. This computer population which, for all practical purposes, has become obsolete, contributes to the development and proliferation of a new form of waste, commonly referred to as e-waste or electrical and electronic equipment waste (WEEE).

IAGU undertakes diagnostic studies on the production and management of these W3E and supports the creation of a unit for the collection, breakdown and recycling of these wastes.

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