

E-WASTES AFRICA PROJECT

**Building local capacity to address the flow of e-wastes
and electrical and electronic products destined for
reuse in selected African countries
and
augment the sustainable management of resources
through the recovery of materials in e-wastes**



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E-WASTES AFRICA

- **Four components**
- **Time frame: 3 years from January 2009**
- **Countries involved (Provisional list):**
Benin, Nigeria, Ghana, Cote d'Ivoire, Liberia, Tunisia and Egypt
- **Implemented by:** BCRC-Senegal, BCCC-Nigeria and in BCRC-Egypt, IMPEL, EMPA and the Oko-Institute

OBJECTIVES

- Enhance environmental governance of e-wastes in African countries;
- Build capacity to monitor and control e-waste imports coming from the developed world, including Europe;

Protect the health of citizens;

Provide economic opportunities.



Component 1:

Study on flows in used and end-of-life e-products imported into: Benin, Ghana, Nigeria, Côte d'Ivoire and Liberia, from European countries

Component 2:

- **National assessments on used and end-of-life e-equipment;**
- **National environmentally sound management plans;**

Component 3:

- **Socio-economic study on the e-waste sector in Nigeria and Ghana (funded by The Netherlands)**
- **Feasibility study of international co-operations between African SMEs and European recycling companies**

Component 4:

Enforcement program in Benin, Ghana, Nigeria, Egypt and Tunisia

...Component 1

Objectives

- Gather information on flows of e-wastes land and from sea, also from Europe;
- Improve decision making

Activities

- Five national studies in Africa and two in Europe
- Report for the public on the e-waste sector and flows

Implemented by

- EMPA, Oko-Institute
- BCRCs based in Senegal, Nigeria, National authorities



...Component 2

Objectives

- Improve management of e-wastes and end of life electric and electronic products in three African countries (Benin, Ghana and Nigeria)

Activities

- Develop a methodology for conducting e-wastes assessments
- Develop two management plans and draft policies for e-wastes management

Implemented by:

- EMPA
- BCRCs based in Senegal, Nigeria, National authorities



... Component 3

Objective

To study the feasibility of establishing environmentally sound materials recovery operations and promoting ESM in the context of the Basel Convention in a major informal e-waste recycling area in Africa (Nigeria and Ghana)



... Component 3

Activities

- Socio-economic study on the sustainability impacts of the Nigerian e-waste sector
- Feasibility study of international cooperations between European SMEs in the recycling sector and African SMEs
- Training to transform the informal sector into formal e-wastes companies

Implemented by

- Oko-Institute in cooperation with UNESCO, BCCC-Nigeria



... Component 4

Enforcement program on the monitoring and control of transboundary movements of used and end-of-life e-equipment and the prevention of illegal traffic in five African countries

... Component 4

Objectives

- Prevent illegal traffic;
- Improve monitoring and control of exports from Europe to Africa of used and end-of-life e-products;
- Establish a network of enforcement authorities in Europe and Africa.



... Component 4

Activities

Carrying out needs assessments in five countries;

-Drafting of an Inspection and customs control manual;

-Developing a training curriculum;

-Delivering of hands-on training to enforcement authorities in five African countries;

-Training of regulatory authorities (Ministry of Environment), customs and port authorities from the 5 African countries in Europe;

-Exchanging information on end-of-life e-equipment between exporting and importing states in Africa and in Europe.

... Component 4

Implemented by

- IMPEL;
- BCRCs based in Senegal, Nigeria and Egypt;
- Secretariat of the Basel Convention;

Basel Convention Partnership on the Environmentally Sound Management of E- Waste in the Asia-Pacific Region

Activities started in 2005

Cooperation between:

- BCRC-SEA,
- BCRC-China,
- Basel Convention Secretariat,
- National Authorities.

E-Waste Projects in Asia

Country/BCRC	Completed	Planned
Cambodia	<ul style="list-style-type: none"> • Inventory • Awareness raising 	<ul style="list-style-type: none"> • Collection
India	<ul style="list-style-type: none"> • Facilitating partnerships (by NGOs) 	
Malaysia	<ul style="list-style-type: none"> • Inventory 	<ul style="list-style-type: none"> • Collection
Philippines		<ul style="list-style-type: none"> • Inventory
Sri Lanka	<ul style="list-style-type: none"> • Desk Study and National Meeting 	
Thailand	<ul style="list-style-type: none"> • Inventory 	<ul style="list-style-type: none"> • Training and awareness raising programmes
Vietnam	<ul style="list-style-type: none"> • Inventory 	<ul style="list-style-type: none"> • Feasibility study and demonstration of collection
BCRC China	<ul style="list-style-type: none"> • E-waste identification (ongoing) 	
BCRC-SEA	<ul style="list-style-type: none"> • TG on Inventory • TG on 3Rs 	

Partnership For Action on Computing Equipment PACE

PACE WG Established by decision IX/9 of the Basel COP

Overall objective:

assist developing countries to manage used and end-of-life
computing equipment in an environmentally sound manner

Open to:

- Parties and signatories to the Basel Convention
- International Organizations
- BCRCs
- Industry
- Academia
- civil society

Partnership For Action on Computing Equipment PACE

The PACE Programme of Work will Include:

- (a) Development of Guidelines on environmentally sound refurbishment and repair, including criteria for testing, certification and labelling;
- (b) To develop Guidelines on environmentally sound recycling and material recovery, including facility certification;
- (c) To develop and promote pilot schemes for the environmentally sound management of used and end-of-life computing equipment towards the attainment of the Millennium Development Goals;
- (d) To develop awareness-raising and training programmes.

Partnership For Action on Computing Equipment PACE

The PACE Working Group established three project groups:

- Project Group 1: development of a guideline on environmentally sound refurbishment of used computing equipment,
- Project Group 2: development of a guideline on material recovery and recycling of end-of-life computing equipment,
- Project Group 3: launch a pilot project on e-waste in developing countries.

Thank you for your attention !

For more information
www.basel.int

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