

Toward Environmentally Sound Management of E-wastes in Vietnam

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E-WASTE INVENTORY IN VIETNAM

(Source: Institute of Environment Science and Technology, 2007)

The total amount of e-waste at 52 companies in key economic regions is 1,630 tons per year, including:

- The north economic region: 1370 tons/year (84% of the total waste)
- The central one: 6-7 tons/year (0.4%)
- The south one: 254 tons/year (15.6%)

E-WASTE INVENTORY IN VIETNAM

Experts predict the volume of e-waste will increase 10-15% per year due to attracted investment policies in the production of goods and electronic equipment.

E-WASTE IN THE HOUSEHOLDS

(Source: Institute of Environment Science and Technology, 2007)

- 120,000 televisions, video/radio cassette, washing machine and refrigerator disposal annually.
- Approximately 300,000 of the computers also disposal every year.

E-WASTE MANAGEMENT

- E-waste is collected, disassembled and classified in the different ways. The waste can be reused or recycled (iron, copper, aluminum, lead) will be sold to the recycling business.
- The nonrecycling component will be collected, transported and treated by dumping or incinerating

E-WASTE MANAGEMENT

- Legislative framework and database of recycling business are not available.
- E-waste treatment technology is primitive, do not meet the requirements of environmental protection.
- Environment officers for waste management are still little and lack of expertise

PROPOSAL PROJECT

Environmentally Sound Management of Electrical and Electronic Waste

- To conduct detailed inventory
- Training government officials for environmentally sound management
- To develop legislative framework
- To set up Database and Guidance Documents for environmentally sound management
- To strengthen international cooperation and exchange of experiences in the field of e-waste management

Thank you for your attention!

