Basel Convention on the Control of
Transboundary Movements of
Hazardous Wastes and their Disposal

Meeting the global
waste challenge

BASEL CONVENTION

ITU Forum "Mapping E-Waste to Address Future Challenges":
Session 1 – The Complexity of the E-waste Problem
18 September 2012, Paris, France

Guidance on the Environmentally Sound Management of E-waste Developed under the Basel Convention

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Consumed electrical and electronic products will generate:

40-50 Million Metric Tonnes of e-Waste Globally Each Year

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A rapidly growing problem:

The volume of obsolete PCs generated in developing regions will exceed that of developed regions by 2016-2018.

By 2030, the obsolete PCs from developing regions will reach 400-700 million units, far more than from developed regions at 200-300 million units.

Yu et al., 2010

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BASEL CONVENTION

- Adopted on 22 March 1989

- Entered into force on 5 May 1992

- 179 Parties to the Convention as of September 2012

- E-waste is listed in Annex VIII as A1180 (hazardous waste) and Annex IX as B1110 (waste containing materials with hazardous characteristics)

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The Conference of the Parties to the Basel Convention, 8th Meeting, Nairobi 2006:

Decision VIII/2:

> …

- Recommended that Parties phase out technologies which are not environmentally sound and that they promote the development and introduction of innovative, safe and sound technologies for the treatment, recycling or recovery of e-waste …

> …

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Mobile Phone Partnership Initiative (MPPI)

- The Mobile Phone Partnership Initiative (MPPI) was launched in 2002, during the sixth meeting of the Conference of the Parties to the Basel Convention.

- 12 manufacturers entered into a partnership on mobile phones, with the Basel Convention Parties and in cooperation with other stakeholders.

- MPPI developed guidelines and promoted the different stages for environmentally sound management of used and end-of-life mobile phones.
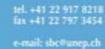
1984
5kg

1985
770g

1989
349g

2001
75g

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BASEL CONVENTION

Mobile Phone Partnership Initiative (MPPI)

MPPI products that have been developed:

- Guideline on
    - Refurbishment of Used Mobile Phones
    - Collection of Used Mobile Phones
    - Material Recovery and Recycling of End-of-Life Mobile Phones
    - Awareness Raising-Design Considerations
    - Transboundary Movement of Collected Mobile Phones

- Glossary of Terms

- Guidance Document on the environmentally sound management of used and end-of-life mobile phones

Available on the MPPI website: http://www.basel.int/industry/mppi.html

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BASEL CONVENTION

Partnership for Action on Computing Equipment (PACE)

PACE

Partnership for Action on
Computing Equipment

- PACE was launched by the 9th meeting of the Conference of the Parties to the Basel Convention, which took place in Bali, Indonesia in June 2008.

- PACE is a multi-stakeholder partnership under the umbrella of the Basel Convention that provides a forum for representatives of

    - personal computer manufacturers,
    - recyclers,
    - international organizations,
    - academia,
    - environmental groups, and
    - governments

    to tackle the environmentally sound management (ESM), refurbishment, recycling and disposal of used and end-of-life computing equipment.

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Partnership for Action on Computing Equipment (PACE)

PACE products that have been developed:

- Two draft guidelines:
    1. Environmentally sound testing, repair and refurbishment; and
    2. Environmentally sound material recovery and recycling

- ESM criteria recommendations

- Guidance on Procedures for Transboundary Movement of Computing Equipment.

- Glossary of Terms for PACE.

- Overall Guidance Document on Environmentally Sound Management of Used and End-of-Life Computing Equipment

Available on website:
    http://www.basel.int/industry/compartnership/documents.html

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DanWHS, 2010

Thank you !

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