

Overview of the Project on the Environmentally Sound Management of E-Waste for Asia Pacific Region

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Presentation



- E-waste, 3 Rs and the Basel Convention
- Regional Project for Asia-Pacific on E-Waste
- Results of November, 2005, Asia-Pacific Regional Inception Workshop



E-Waste



- Why is E-waste an issue globally, regionally, locally?
- Why is it a priority for countries?
- What are the issues with E-waste, environmentally sound management (ESM) and transboundary movements?



Fraction of E-Waste Stream Mobile Phones: Facts



- **Production today:** 23 Mobile Phones per second
- **Sales 2003:** 515 million Mobile Phones
- **Sales 2004:** 665 million Mobile Phones
- **Sales 2005:** 870 million Mobile Phones (estimated)

- **Subscribers:** 1.9 Billion in 2005
2.6 Billion in 2009 (estimated)

- **Lifespan \emptyset :** 0.5 – 1.5 years (with first user)

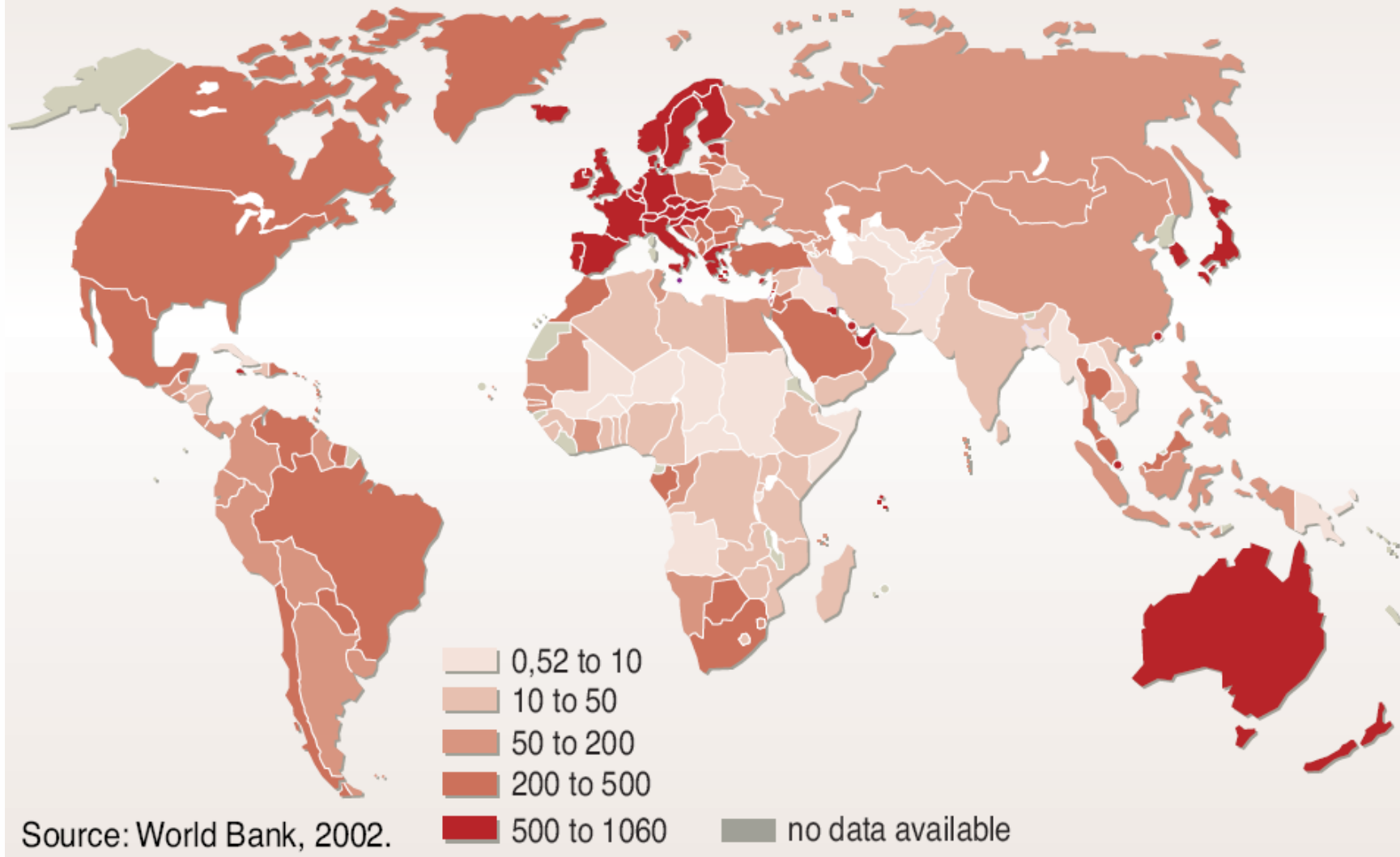
• *Source: FOEN / SWITZERLAND*



Distribution of Mobile Phones Worldwide



Mobile phones per 1 000 people



Issues with E-Waste

National, Regional and International level



- Lack of data and information on e-waste generation, imports and exports – flow of e-waste as waste vis a vis as a product.
- Lack of knowledge and skills in proper sorting and collection and awareness at all levels.
- No guidance manuals currently available to provide a framework or basis for national plans to address ESM of e-waste
- Lack of policies and legislative frameworks to address current e-waste problems.



Worldwide WEEE Problem?



Examples of SECONDHAND –MATERIAL RECOVERY in Asia Pacific

Source: BAN

Worldwide WEEE Problem?



.... DONATION - DIGITAL DIVIDE - ...



The Asia Pacific Programme



Background

- Asia-Pacific Nations expressed a priority for e-waste
- COP7 adopted Work Programme on Partnerships for 2005-2006 which included e-waste as a priority

Actions

- The 4-year Programme will be carried out through concrete and well-targeted national and regional efforts by SBC and other partners (Governments, IGOs, UNEP, NGOs and industry) based on needs
- Resource mobilization for country projects
- Regional Inception Workshop: Tokyo, 21 – 25 Nov 2005
- Follow up Regional Meeting, 2006 and International Conference: 2007



Objectives of the Regional Programme



- Develop a regional capacity building initiative
- Conduct pilot schemes to identify, collect and sort e-waste for reuse, repair, refurbishment, recycling, material recovery and disposal at regional and national level
- Create national frameworks for the environmentally sound management of e-waste, including wide public awareness and education



Asia-Pacific E-Waste Partnership



- Initiation of the Regional Approach to address E-waste in the Asia-Pacific Region
- Programme outline developed on ESM of E-waste under the Basel Convention
- Adopted at the Inception Workshop, Tokyo, November 2005



Workshop Outcome



Plan of Action – National Level

- Train customs and enforcement officers to effectively control or verify export or import of electrical and electronic wastes.
- Carry out work on the identification of electronic wastes in the harmonized System of the World Customs Organization.
- Create national framework for ESM of E-waste.



Workshop Outcome



Plan of Action – National Level

- Conduct detailed inventories of e-waste in countries involved.
- Initiate pilot schemes on collection and sorting of e-wastes, including take-back schemes and schemes for repair, refurbishment and recycling.
- Conduct pilot schemes for recycling to electrical and electronics to define appropriate technology that is ESM.



Workshop Outcome



Plan of Action – Regional Level

- Coordination of programme implementation through the BCRCs in Asia and the Pacific
- Exchange of information and the strengthening information and of enforcement networks on a regional basis including on illegal traffic
- Coordinate and harmonize activities at the regional level
- Develop environmental management systems, standards, guidelines or principles and best practices for ESM or certification scheme



Workshop Outcome



Plan of Action – Regional Level

- Co-ordinate programme implementation and harmonize activities through the *BCRCs* in Asia and the Pacific
- Promote the exchange of information and the strengthening information and of enforcement networks on a regional basis including on illegal traffic
- Develop environmental management systems, standards, guidelines and best practices for ESM or a certification scheme



Workshop Outcome



Plan of Action – Regional Level

- Conduct feasibility study on an ESM activities for the reuse, repair, refurbishment, recycling, material recovery and disposal.

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Workshop Outcome



Plan of Action – Regional Level

- Develop public awareness and education at all levels of civil society at the Regional level
- International conference on environmentally sound management of e-waste 2007 as follow up



Programme Status



- Project Proposals received from: Cambodia, India (NGO), Malaysia, Sri Lanka, Thailand, Vietnam, BCRC Indonesia, SPREP (expect plans from China, Philippines and India soon)
- Total of USD 9.33 million funding needed for projects

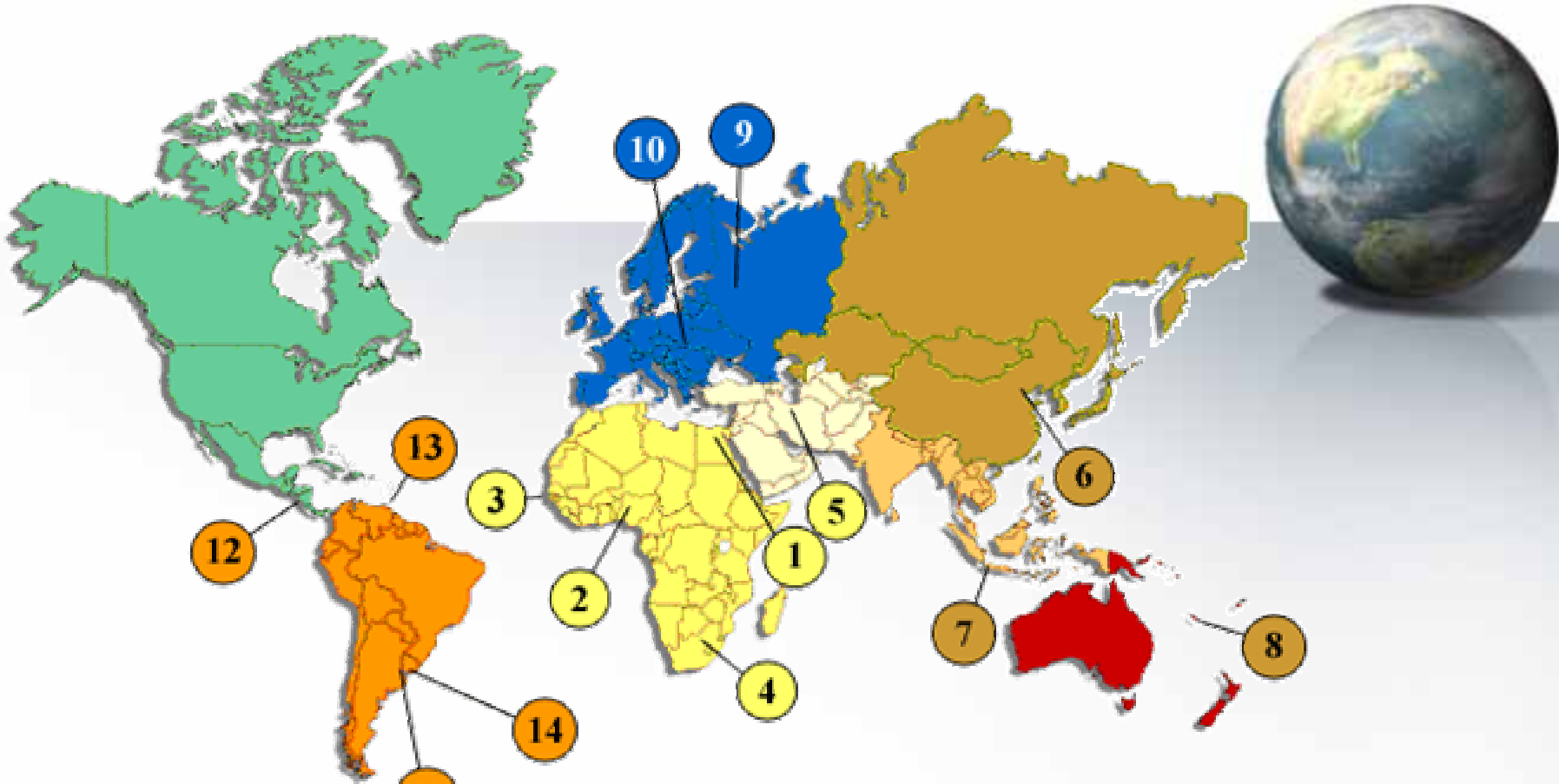


Conclusions: Benefits to Countries



- Training and expert advice is available on best practices with respect to refurbishment and materials recycling.
- Strengthening and involvement of the Basel Convention Regional Centres (BCRC).
- Better placement of WEEE (Waste Electrical and Electronic Equipment) on the political agenda (awareness).
- Creation of jobs by formalizing a large informal sector of recycling, reuse and recovery in an ESM





Africa and West Asia

- 1 Basel Convention Regional Centre for the Arab States in Egypt
- 2 Basel Convention Regional Co-ordinating Centre in Nigeria
- 3 Basel Convention Regional Centre in Senegal
- 4 Basel Convention Regional Centre in South Africa
- 5 Basel Convention Regional Centre in Tehran



Asia and Pacific Region

- 6 Basel Convention Regional Centre in China
- 7 Basel Convention Regional Centre in Indonesia
- 8 Pacific Regional Centre for Training and Technology Transfer for the Joint Implementation of the Basel and Waigani Conventions in the South Pacific region



Central and Eastern Europe

- 9 Basel Convention Regional Centre in the Russian Federation
- 10 Basel Convention Regional Centre in Slovakia



Latin America and the Caribbean

- 11 Basel Convention Regional Centre in Argentina
- 12 Basel Convention Regional Centre in El Salvador
- 13 Basel Convention Regional Centre in Trinidad and Tobago
- 14 Basel Convention Coordinating Centre for Training and Technology Transfer for Latin America and Caribbean region in Uruguay

BASEL CONVENTION REGIONAL CENTRES

Regional Focus



FURTHER INFORMATION



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