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**Open-ended Working Group of the Basel Convention
on the Control of Transboundary Movements of
Hazardous Wastes and Their Disposal
Tenth meeting**

Nairobi, 30 May–2 June 2016

Item 3 (a) (ii) of the provisional agenda*

**Matters related to the work programme of the
Open-ended Working Group for 2016–2017:
strategic issues: developing guidelines for
environmentally sound management**

**Inventory, categorization and analysis of existing Basel
Convention documents related to environmentally sound
management**

Note by the Secretariat

1. As referred to in the note by the Secretariat on developing guidelines for environmentally sound management (UNEP/CHW/OEWG.10/3), the annexes to the present note set out the following documents:

(a) Annex I: analysis of the inventory and categorization of existing Basel Convention documents related to environmentally sound management prepared by Canada;

(b) Annex II: inventory and categorization of existing documents referred to above and a list of Basel Convention documents under development related to environmentally sound management, both prepared by the Secretariat.

2. The present note, including its annexes, has not been formally edited.

* UNEP/CHW/OEWG.10/1.

Annex I

Analysis of the inventory and categorization of existing Basel Convention documents related to environmentally sound management

I. Introduction and purpose

1. This analysis was prepared by Canada in support of the Secretariat's work to develop the inventory of Basel Convention documents related to environmentally sound management (ESM) and to support Parties' reflection on a few related matters:

(a) The demand on resources for the development of documents and recent shortcoming of funds to translate and publish documents adopted by the Conference of the Parties (COP);

(b) How to integrate and take into consideration existing relevant guidance in new work and what is the appropriate format to disseminate guidance to the targeted users; and,

(c) How does new work effectively address gaps in Basel guidance concerning priority waste streams, waste prevention, minimization and management and emerging issues?

2. The publication of documents of all kinds requires an investment of time, financial and human resources from their development to their dissemination, whether they are delivered with assistance from consultants or through in-kind efforts of Parties. The recent adoption of nine technical guidelines and other documents at COP12 also highlighted the resource pressures related to their publication which involves editing, translation, printing and dissemination costs.

3. The inventory of Basel Convention documents related to environmentally sound management can be a useful tool for Parties and others when making choices about new documents to be developed. It can serve to avoid the duplication of effort, highlight where linkages with existing documents ought to be made, and support more informed decision making concerning the purpose and format of new documents so that they can better serve the needs of targeted users.

4. The inventory of existing Basel Convention documents related to environmentally sound management and the list of Basel Convention documents under development related to environmentally sound management are set out in annex II.

II. Characterization of the inventory and Basel documents

5. Different categories of documents are currently used to provide guidance on the environmentally sound management of wastes. Based on their format even if some cover similar topics, we have identified the following categories of documents and their quantities as follows:¹

Overarching	Technical	Short/targeted	Training	Other
- Framework (3) - Declarations (5)	- Technical guideline (24) - Guideline (9) - Guidance paper/document (6) - Recommendations (1) - Approach (1)	- Leaflet (7) - Factsheet ²	- Training manual (3) - Methodological guide (1)	- Case study (2) - Pilot project ³ - Glossary (2) - Report (1)

¹ There are over 25 documents listed in the inventory which were developed under the auspices of regional centres which at this time have not been included in the analysis.

² Fact sheets on various waste streams are currently under development by the expert working group on environmentally sound management. Final versions are not yet available.

³ Under the expert group on environmentally sound management, pilot projects are currently being undertaken. Final reports are not yet available.

III. Key findings

6. The key findings are as follows:

(a) There are a fair amount of documents currently available from the Basel Convention which cover diverse waste streams. The inventory has identified 65 Basel Convention documents providing guidance on ESM. Some priority waste streams such as e-waste and polychlorinated biphenyls (PCBs) are addressed by several documents. Emerging waste streams of concern (e.g. nanomaterials, end-of-life vehicles,⁴ abandoned vessels, etc.) have not been addressed;

(b) To date, the format most used for transferring ESM information has been guidelines. Decision 12/1 is orienting new work under the programme of work of the expert working group on ESM to develop information and guidance under new formats such as practical manuals, fact-sheets and pilot projects;

(c) Half of the ESM documents are fairly recent, many are old and others not dated. The age of the documents, is as follows:⁵

(i) Less than 5 years (2015-2011): 33

(ii) Between 5 and 10 years (2010-2006): 7

(iii) More than 10 years (2005-1994): 20

(d) ESM documents contribute to the goals and objectives of the Strategic Framework for 2012-2021 and the Cartagena Declaration. In the last 5 years the development or update of documents was substantial and is an important contribution to the achievement of Goal 1 (Objective 1.1)⁶ and Goal 2 (Objective 2.1)⁷ of the Framework;

(e) Guidance related to waste prevention and minimization in general and for specific waste streams is underdeveloped. No document on waste prevention and minimization has been published. These concepts are directly linked to Objective 2.2⁸ of the Strategic Framework and the focus of the Cartagena Declaration. New work arising from Decision BC-12/2 on road map for action on the implementation of the Cartagena Declaration directs the advancement of work in this area;

(f) Pilot projects are key activities to implement several objectives of the Strategic Framework. Many projects implemented by BCRCs have produced either guidance materials or reports. Their visibility and accessibility may vary. There is valuable information and lessons that can be transferred from these projects that should be considered in the development of new ESM documents and guidance.

IV. Ideas for discussion

7. The ideas for discussion are as follows:

(a) Should we undertake an assessment of documents older than 10 years old to determine if they are still relevant and/or need updating?

(b) Are there emerging waste streams that should be considered and would need some form of ESM guidance?

(c) There seems to be an interest in using documents that are shorter than traditional technical guidelines. We should reflect on the pros and cons of various formats, their purpose and determine if we need to change our choices of formats.

(d) Should there be more concerted efforts to disseminate information (including experiences and best practices) from pilot projects?

⁴ The expert working group on environmentally sound management is developing a fact sheet on end-of-life vehicles (ELVs). The latest draft is available in document UNEP/CHW/CLI_EWG.4/INF/6, Annex II.

⁵ Declarations/statements at meetings of the Conference of the Parties and ESM documents developed under the auspices of Regional centres have not been included in the analysis.

⁶ Objective 1.1: To reach a common understanding among parties of the definition, interpretation and terminology of wastes covered by the Convention, including the distinction between waste and non-wastes.

⁷ Objective 2.1: To pursue the development of environmentally sound management of hazardous and other wastes, especially through the preparation of technical guidelines, and promote its implementation in national legislation.

⁸ Objective 2.2: To pursue the prevention and minimization of hazardous waste and other waste generation at source, especially through supporting and promoting activities designed to reduce at the national level the generation and hazard potential of hazardous and other wastes.

Annex II

Inventory and categorization of Basel Convention documents related to environmentally sound management

Part I: Inventory of existing Basel Convention documents related to environmentally sound management

Please note that the documents in the highlighted boxes below have been adopted by the COP. Documents indicated with an asterisk * remain under further development or review.

Framework documents

- | | |
|---------------------|---|
| Strategic Framework | <ul style="list-style-type: none"> • Strategic framework for the implementation of the Basel Convention for 2012-2021
ADOPTED at COP-10 (BC-10/2, Annex) (2011) |
| ESM Framework | <ul style="list-style-type: none"> • Framework for the environmentally sound management of hazardous wastes and other wastes
ADOPTED at COP-11 (BC-11/1) (2013)
UNEP/CHW.11/3/Add.1/Rev.1 [Annex] |

Technical and methodological guidelines adopted by the Conference of the Parties

- | | |
|-------------------------------------|---|
| Overarching | <ul style="list-style-type: none"> • Framework document on the preparation of technical guidelines for the environmentally sound management of wastes subject to the Basel Convention
ADOPTED at COP-2 (BC II/13) (1994)
UNEP/CHW.2/10
<i>Available at</i>
<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx> • Methodological guide for the development of inventories of hazardous wastes and other wastes under the Basel Convention
ADOPTED at COP-12 (BC-12/7) (2015)
UNEP/CHW.12/9/Add.1 |
| Waste streams | <ul style="list-style-type: none"> • Technical guidelines for the environmentally sound management of waste lead-acid batteries |
| a. Batteries | <ul style="list-style-type: none"> ADOPTED at COP-6 (BC VI/22) (2002)
UNEP/CHW.6/22 |
| b. Biomedical and health care waste | <ul style="list-style-type: none"> • Technical guidelines for the environmentally sound management of biomedical and health care wastes (Y1, Y3)
ADOPTED at COP-6 (BC VI/20) (2002)
UNEP/CHW.6/20 [Annex II] |
| c. Electronics | <ul style="list-style-type: none"> • Technical guidelines on transboundary movements of electrical and electronic waste and used electrical and electronic equipment, in particular regarding the distinction between waste and non-waste under the Basel Convention *
ADOPTED ON AN INTERIM BASIS at COP-12 (BC-12/5) (2015)
UNEP/CHW.12/5/Add.1/Rev.1 [Annex] |
| d. Household waste | <ul style="list-style-type: none"> • Technical guidelines on waste collected from households (Y46)
ADOPTED at COP-2 (BC II/13) (1994)
UNEP/CHW.2/10
<i>Available at</i>
<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/Ad> |

	<p>optedTechnicalGuidelines/tabid/2376/Default.aspx ></p> <p>See also: BC-12/13 (2015) (mandating development of a workplan on household waste); BC VIII/17 (requesting review of technical guidelines)</p>
e. Mercury	<ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with mercury <p>ADOPTED at COP-12 (BC-12/4) (2015) UNEP/CHW.12/5/Add.8/Rev.1</p>
f. Oils	<ul style="list-style-type: none"> • Technical guidelines on waste oils from petroleum origins and sources (Y8) <p>ADOPTED at COP-2 (BC II/13) (1994) UNEP/CHW.2/10</p> <p>Available at <http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx></p>
g. Persistent organic pollutants	<ul style="list-style-type: none"> • General technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with persistent organic pollutants * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.2/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.3/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes containing or contaminated with unintentionally produced hexachlorobenzene, pentachlorobenzene, polychlorinated biphenyls, polychlorinated dibenzofurans or polychlorinated dibenzo-p-dioxins * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.4/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with hexabromobiphenyl, polybrominated biphenyls (PBBs), polychlorinated biphenyls (PCBs) or polychlorinated terphenyls (PCTs) * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.5/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with hexabromodiphenyl ether and heptabromodiphenyl ether, or tetrabromodiphenyl ether and pentabromodiphenyl ether * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.6/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with hexabromocyclododecane * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.7/Rev.1</p> <ul style="list-style-type: none"> • Technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with the pesticides aldrin, alpha hexachlorocyclohexane, beta hexachlorocyclohexane, chlordane, chlordecone, dieldrin, endrin, heptachlor, hexachlorobenzene, lindane, mirex, pentachlorobenzene, perfluorooctane sulfonic acid, technical endosulfan and its related isomers or toxaphene or with hexachlorobenzene as an industrial chemical * <p>ADOPTED at COP-12 (BC-12/3) (2015) UNEP/CHW.12/5/Add.9</p> <ul style="list-style-type: none"> • Technical guideline on wastes consisting of, containing or contaminated with 1,1,1-trichloro-2,2-bis-(4-chlorophenyl)ethane (DDT) <p>ADOPTED at COP-8 (BC VIII/16) (2006) UNEP/CHW.8/5/Add.2*</p>

- h. Plastic
- **Technical guidelines for the identification of environmentally sound management of plastic wastes and for their disposal (including: Technical guidelines on the environmentally sound management of plastic coated cables)**
ADOPTED at COP-6 (BC VI/21) (2002)
UNEP/CHW.6/21 [Annex]
- i. Ships
- **Technical guidelines for the environmentally sound management of the full and partial dismantling of ships**
ADOPTED at COP-6 (BC VI/24) (2002)
UNEP/CHW.6/23 [Annex]
See also: BC-12/5 (2015) (requesting the development of further programs for sustainable ship recycling); BC VIII/13 (recognizing the need for guidance on abandoned ships)
- j. Solvents
- **Technical guidelines on hazardous wastes from the production and use of organic solvents (Y6)**
ADOPTED at COP-2 (BC II/13) (1994)
UNEP/CHW.2/10
Available at
<<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>>
- k. Tyres
- **Technical guidelines for the environmentally sound management of used and waste pneumatic tyres**
ADOPTED at COP-10 (BC-10/6) (2011)
UNEP/CHW/10/6/Add.1/Rev.1 [Annex]
- Disposal Operations**
- D-Operations**
- a. D5
- **Technical guidelines on specially engineered landfill (D5)**
ADOPTED at COP-3 (BC III/13) (1995)
UNEP/CHW.2/10/Add.1
Available at
<<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>>
- b. D8/D9
- **Technical guidelines on physico-chemical treatment (D9) and biological treatment (D8)**
ADOPTED at COP-5 (BC V/26) (1999)
Available at
<<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>>
- c. D10
- **Technical guidelines on incineration on land (D10)**
ADOPTED at COP-3 (BC III/13) (1995)
UNEP/CHW.2/10/Add.1
Available at
<<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>>
See also: BC VIII/17 (2006) (requesting review of technical guideline)
- R-Operations**
- a. R1
- **Technical guidelines on the environmentally sound co-processing of hazardous wastes in cement kilns**
ADOPTED at COP-10 (BC-10/8) (2011)
UNEP/CHW.10/6/Add.3/Rev.1 [Annex]
- b. R4
- **Technical guidelines on the environmentally sound recycling/reclamation of metals and metal compounds (R4)**
ADOPTED at COP-7 (BC VII/14) (2004)
UNEP/CHW.7/8/Add.3
- c. R9
- **Technical guidelines on used oil re-finishing or other re-use of previously used oil (R9)**
ADOPTED at COP-3 (BC III/13) (1995)
UNEP/CHW.2/10/Add.1
Available at
<<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>>

Hazardous characteristics a. H6.2 b. H11 c. H12 d. H13	<ul style="list-style-type: none"> Guidance paper on the hazard characteristic H6.2: Infectious substances ADOPTED ON AN INTERIM BASIS at COP-7 (BC VII/17) (2004) UNEP/CHW.7/11/Add.1/Rev.1
	<ul style="list-style-type: none"> Approach to Basel Convention hazard characteristic H11: Characterization of chronic or delayed toxicity ADOPTED ON AN INTERIM BASIS at COP-7 (BC VII/17) (2004) UNEP/CHW.7/11/Add.2/Rev.1
	<ul style="list-style-type: none"> Guidelines on hazardous characteristic H12 of Annex III to the Convention: Ecotoxic ADOPTED ON AN INTERIM BASIS at COP-6 (BC VI/26) (2002) UNEP/CHW.6/26 [Annex]
	<ul style="list-style-type: none"> Guidelines on hazard characteristic H13 of Annex III to the Basel Convention ADOPTED ON AN INTERIM BASIS at COP-7 (BC VII/17) (2004) UNEP/CHW.7/11/Add.3/Rev.1 <i>Available at</i> <http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/AdoptedTechnicalGuidelines/tabid/2376/Default.aspx>

Guidelines developed within the context of the Basel Convention Partnership Programme

PACE a. Guidance and Guidelines	<ul style="list-style-type: none"> Guidance document on environmentally sound management of used and end-of-life computing equipment (Sections 1, 2, 4 and 5) * ADOPTED WITHOUT PREJUDICE TO NATIONAL LEGISLATION at COP-11 (BC-11/15) (2013) UNEP/CHW.11/6/Add.1/Rev.1 [Annex] <i>Available at</i> <http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidanceDocument/tabid/3246/Default.aspx>
	<ul style="list-style-type: none"> Revised guideline on environmentally sound testing, refurbishment and repair of used computing equipment PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015) UNEP/CHW.11/INF/12/Rev.1 [Annex] <i>Available at</i> <http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>
	<ul style="list-style-type: none"> Guidelines on environmentally sound material recovery and recycling of end-of-life computing equipment PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015) UNEP/CHW.11/INF/13/Rev.1 [Annex] <i>Available at</i> <http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>
	<ul style="list-style-type: none"> Environmentally sound management criteria recommendations PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015) UNEP/CHW.10/INF/25 [Annex] <i>Available at</i> <http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>
	<ul style="list-style-type: none"> Guidance on transboundary movement of used and end-of-life computing equipment PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015) UNEP/CHW.10/INF/24 [Annex] <i>Available at</i> <http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>

- **Report on strategies, actions and incentives to promote environmentally sound management for used and end-of-life computing equipment**

PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015)
 UNEP/CHW.12/INF/27 [Annex I]

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>>

b. Glossary

- **Glossary of terms**

PARTIES INVITED TO USE GUIDELINE at COP-12 (BC-12/12) (2015)
 UNEP/CHW.11/INF/13/Rev.1 [Annex: Appendix II]

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/PACE/PACEGuidelinesandGlossaryofTerms/tabid/3247/Default.aspx>>

MPPI

a. Guidance and Guidelines

- **Guidance document on environmentally sound management of used and end-of-life mobile phones**

ADOPTED WITHOUT PREJUDICE TO NATIONAL LEGISLATION at COP-10 (BC-10/21) (2011)
 UNEP/CHW.10/INF/27/Rev.1 [Annex]

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidanceDocument/tabid/3250/Default.aspx>>

- **Guideline on the refurbishment of used mobile phones**

PARTIES INVITED TO USE GUIDELINE at COP-10 (BC-10/21) (2011)

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidelinesandGlossaryofTerms/tabid/3251/Default.aspx>>

- **Guideline on the collection of used mobile phones**

PARTIES INVITED TO USE GUIDELINE at COP-10 (BC-10/21) (2011)

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidelinesandGlossaryofTerms/tabid/3251/Default.aspx>>

- **Guideline on material recovery and recycling of end-of-life mobile phones**

PARTIES INVITED TO USE GUIDELINE at COP-10 (BC-10/21) (2011)

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidelinesandGlossaryofTerms/tabid/3251/Default.aspx>>

- **Guideline on the awareness raising – design considerations**

PARTIES INVITED TO USE GUIDELINE at COP-10 (BC-10/21) (2011)

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidelinesandGlossaryofTerms/tabid/3251/Default.aspx>>

- **Guideline for the transboundary movement of collected mobile phones**

PARTIES INVITED TO USE GUIDELINE at COP-10 (BC-10/21) (2011)

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidelinesandGlossaryofTerms/tabid/3251/Default.aspx>>

b. Glossary

- **Glossary of terms (2009)**

ADOPTED WITHOUT PREJUDICE TO NATIONAL LEGISLATION AS PART OF THE GUIDANCE DOCUMENT at COP-10 (BC-10/21) (2011)
 UNEP/CHW.10/INF/27/Rev.1 [Annex: Appendix 1]

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance/Partnerships/MPPI/MPPIGuidanceDocument/tabid/3250/Default.aspx>>

Training manuals

- **Training manual for the preparation of national used lead-acid batteries environmentally sound management plans in the context of the implementation of the Basel Convention**
 ISBN 92-1-158652-6 / BC Convention Series / SBC No. 2004/5 (2004)
Available at
 <<http://www.basel.int/Implementation/Publications/TrainingManuals/tabid/2363/Default.aspx>>
- **Training manual for the preparation of a national environmentally sound management plan for PCBs and PCB-contaminated equipment**
 ISBN 92-1-158674-7 / Basel Convention Series / SBC No. 2003/01 (2003)
Available at
 <<http://www.basel.int/Implementation/Publications/TrainingManuals/tabid/2363/Default.aspx>>
- **Training manual for the destruction and decontamination technologies for PCBs and other POP wastes (Vols. A , B and C)**
 ISSN: 1020-8364 (2002)
Available at
 <<http://www.basel.int/Implementation/Publications/TrainingManuals/tabid/2363/Default.aspx>>
- **Feasibility study for environmentally sound ship dismantling**
 (2013)
Available at
 <<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>
- **Case study to develop models of compliant ship recycling facilities**
 (2012)
Available at
 <<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>
- **Guidance for ship recycling facility operators: Guidance for compliant ship recycling facilities in consideration of the requirements of the Basel and Hong Kong Conventions**
 (2013)
Available at
 <<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>
- **Guidance for competent authorities of ship recycling facilities: Guidance for compliant ship recycling facilities in consideration of the requirements of the Basel and Hong Kong Conventions**
 (2013)
Available at
 <<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>

Leaflets and brochures

- **Leaflet on the partnership of action on computing equipment**
 (2011)
Available at
 <<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>
- **Leaflet on the environmentally sound dismantling of ships**
 (2010)
Available at
 <<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>

- **Leaflet on the environmentally sound management of used electrical and electronic equipment (e-waste) in Asia-Pacific**
(2010)
Available at
<<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>
- **Leaflet on meeting the challenge of e-waste in Africa**
(2010)
Available at
<<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>
- **Leaflet on waste management for human health and livelihood**
(2008)
Available at
<<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>
- **Leaflet on the mobile phone partnership initiative**
(2008)
Available at
<<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>
- **Leaflet on the global programme for sustainable ship recycling**
(2008)
Available at
<<http://www.basel.int/Implementation/Publications/BrochuresLeaflets/tabid/2365/Default.aspx>>

Declarations and statements at meetings of the Conference of the Parties

- **Cartagena declaration on the prevention, minimization and recovery of hazardous wastes and other wastes**
ADOPTED at COP-10 (UNEP/CHW.10/28 para 176) (2011)
UNEP/CHW.10/28 [Annex IV]
- **Bali declaration on waste management for human health and livelihood**
ADOPTED at COP-9 (UNEP/CHW.9/39 para 61) (2008)
UNEP/CHW.9/39 [Annex II]
- **Nairobi declaration on the environmentally sound management of electrical and electronic waste adopted on the occasion of the eight meeting of the COP**
ADOPTED at COP-8 (UNEP/CHW.8/16* para 94) (2006)
UNEP/CHW.8/16*[Annex IV]
- **Ministerial statement on partnerships for meeting the global waste challenge**
ADOPTED at COP-7 (UNEP/CHW.7/33 para 186) (2004)
UNEP/CHW.7/33 [Annex V]
- **Basel declaration on environmentally sound management**
ADOPTED at COP-5 (BC V/1) (1999)
UNEP/CHW.5/29 [Annex II]

ESM documents developed under the auspices of Regional Centers

- a. Africa
 - **Preparation of a set of tools for the selection, design and operation of hazardous waste landfills in hyper-dry areas**
(2006)
Documents
 - Guidelines for hazardous waste landfill site selection and EIA in hyper-dry areas (EN/AR)
 - Guidelines for hazardous waste landfill site design in hyper-dry areas (EN/AR)

- Guidelines for hazardous waste landfill site operation, monitoring and aftercare in hyper-dry areas (EN/AR)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAfrica/tabid/2343/Default.aspx>>

- **Management of used oils in Sub-Saharan Africa**

(2006)

Document

- Terminal report (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAfrica/tabid/2343/Default.aspx>>

- **Assessment and recycling of used oil in Africa**

(2005)

Documents

- Terminal report (EN)
- Pilot study on used oils in Nigeria (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAfrica/tabid/2343/Default.aspx>>

b. Asia/Pacific

- **Facilitating partnerships for environmentally sound management of e-waste in India**

(2008)

Document

- Final report (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAsiaandPacific/tabid/2344/Default.aspx>>

- **Development of guideline documents on methodology on inventory of e-waste and environmentally sound recycling, reuse, repair, refurbishment/disposal of e-waste**

(2007)

Documents

- Technical guidelines for electrical and electronic waste inventory (EN)
- Technical guidelines for 3R (reduce, reuse, recycle) of end-of-life electrical and electronic products (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAsiaandPacific/tabid/2344/Default.aspx>>

- **Survey of the import and the environmentally sound management of electronic wastes in the Asia-Pacific Region**

(2005)

Documents

- Terminal report (EN)
- Report on the survey of the import and the environmentally sound management of electronic wastes in the Asia-Pacific Region (final publication) (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAsiaandPacific/tabid/2344/Default.aspx>>

- **Hazardous waste management in small and medium-sized enterprises in the context of integrated life-cycle management of materials**

(2005)

Documents

- Terminal report (EN)
- Management guide for hazardous material and waste in small and medium enterprises in Jordan (EN/FR/AR)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAsiaandPacific/tabid/2344/Default.aspx>>

c. CEE

• **Background analysis for development and establishment of a lubricating oil management system in Bosnia and Herzegovina**

(2006)

Documents

- Terminal report (EN)
- Final project report (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInCentralandEasternEurope/tabid/2345/Default.aspx>>

• **Preparation of a review on the existing national and international legislation on monitoring and control of transboundary movements of hazardous wastes and their environmentally sound management for CIS countries**

(2005)

Documents

- Terminal report (EN)
- Executive summary (EN)
- Final report (RU)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInCentralandEasternEurope/tabid/2345/Default.aspx>>

d. GRULAC

• **Revised regional strategy for the environmentally sound management of used acid batteries in Central America, Colombia, Venezuela and the Caribbean island states (phase II)**

(2008)

Documents

- Revised regional strategy (EN/SP)
- Implementation plan (EN)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>>

• **Partnership with local authorities for the environmentally sound management of hazardous and other wastes in the context of the Basel Convention in South America**

(2006)

Documents

- Final report on the feasibility in the canton of Guayaquil (Ecuador) (SP)
- Final report on the feasibility study in Ecuador (Phase I) (SP)
- Report on MOU objectives (Phase II) (SP)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>>

• **Training program for municipal officers in environmentally sound management of hazardous wastes**

(2005)

Documents

- Terminal report (EN)
- Guía para la gestión integral de desechos peligrosos (fundamentos) (SP)
- Guía para la gestión integral de desechos peligrosos (fichas técnicas) (SP)

Available at

<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>

• **Regional strategy for the environmentally sound management of used acid batteries in Central America, Colombia, Venezuela and the Caribbean island states**

(2005)

Documents

- Terminal Report (EN)
- Final regional strategy for the environmentally sound management of used lead-acid batteries in Central America, Colombia, Venezuela and the Caribbean Island States (EN/SP)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>>

• **Practical guideline on environmentally sound management of obsolete pesticide in the Latin America and Caribbean Countries**

(2004)

Document

- Practical guideline on environmentally sound management of obsolete pesticides in the Latin American and Caribbean Countries (EN/SP)

Available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>>

Part II: Basel Convention documents under development related to environmentally sound management

Technical guidelines to potentially be adopted by the Conference of the Parties

- | | |
|----------------------------------|--|
| Waste streams
Y17 | <ul style="list-style-type: none"> • Draft technical guidelines on the environmentally sound management of wastes resulting from surface treatment of metals and plastics (Y17)
REQUESTED TO BE FINALIZED at COP-7 (BC VII/15)
UNEP/CHW/OEWG/4/INF/9 |
| Hazardous characteristics
H11 | <ul style="list-style-type: none"> • Proposal for <i>de minimis</i> value for hazard characteristic H11
WELCOMED at COP-9 (BC IX/18)
UNEP/CHW/OEWG/6/INF/5 [Annex] |

Documents developed within the context of the Basel Convention Partnership Programme

- | | |
|-----------------|---|
| PACE | <ul style="list-style-type: none"> • Guidance document on environmentally sound management of used and end-of-life computing equipment (Section 3)
REVISION MANDATED at COP-11 (BC-11/15)
UNEP/CHW.11/6/Add.1/Rev.1 [Annex] • Draft concept note on strengthening the use of the guidelines and reports developed by the partnership, at regional and national level
SUBMITTED AS INF DOC at COP-12
UNEP/CHW.12/INF/27 [Annex II] |
| Household waste | <ul style="list-style-type: none"> • Workplan on the environmentally sound management of household waste which could include a concept for a partnership to assist municipalities
MANDATED at COP 12 (BC-12/13) |

Training manuals and fact sheets

- | | |
|-------------|---|
| Manuals | <ul style="list-style-type: none"> • Practical manuals for the promotion of the environmentally sound management of wastes on terminology, general policies and legislation, permits and licenses, certification schemes and prevention
DEVELOPED by Expert Working Group on ESM
WELCOMED at COP-12 (BC-12/1)
UNEP/CHW.12/3/Add.2 [Annex] • Draft practical manual for the promotion of the environmentally sound management of wastes on insurance and liability
DEVELOPED by Expert Working Group on ESM
UNEP/CHW/CLI_EWG.3/INF/7 • Revised guidance manual on how to improve the sea-land interface to ensure that wastes falling within the scope of the International Convention for the Prevention of Pollution from Ships, once offloaded from ships, are managed in an environmentally sound manner
MANDATED at COP-12 (BC-12/16) |
| Fact sheets | <ul style="list-style-type: none"> • Fact sheets on specific waste streams: e-waste, end-of-life vehicles, medical or healthcare waste, household waste, mercury waste, used lead-acid batteries, used oils, waste tyres
DEVELOPED by Expert Working Group on ESM
WELCOMED at COP-12 (BC-12/1)
UNEP/CHW.12/INF/6 [Annex] |

Pilot projects

Expert Working Group on
ESM

- **Pilot project assessing if notifications, consents, inspections and enforcement of transboundary movement of waste and take-back procedures for illegal traffic represent environmentally sound management**

FINAL REPORT TO BE MADE AVAILABLE by EWG
UNEP/CHW/CLI_EWG.3/INF/10

- **Pilot project on assessing the status of e-waste recycling in selected countries in the Asia-Pacific region and facilitating the environmentally sound management of e-waste**

FINAL REPORT TO BE MADE AVILABLE by EWG
UNEP/CHW/CLI_EWG.3/INF/10

- **Pilot project on assessing the status of environmentally sound management of hazardous wastes and other wastes, including waste electrical and electronic equipment, in Central America**

FINAL REPORT TO BE MADE AVAILABLE by EWG
UNEP/CHW/CLI_EWG.3/INF/10

- **Pilot project on assessing if insurance, bond or other guarantees required by article 6 paragraph 11 of the Basel Convention for a transboundary movement ensures the environmentally sound management of hazardous wastes involved**

PROJECT SELECTED at EWG-3
UNEP/CHW/CLI_EWG.3/INF/11

- **Pilot project on assessing environmentally sound management status of ULAB treatment and transboundary movement in China and selected countries**

PROJECT SELECTED at EWG-3
UNEP/CHW/CLI_EWG.3/INF/11

- **Pilot project to promote the environmentally sound co-processing of hazardous wastes in industry kilns for selected countries in Asia**

PROJECT SELECTED at EWG-4
UNEP/CHW/CLI_EWG.4/INF/7

- **Pilot project to design a proposal for the ESM management of fluorescent tubes and compact fluorescent lamps**

PROJECT SELECTED at EWG-4
UNEP/CHW/CLI_EWG.4/INF/7

Ship dismantling

- **Pilot project on safe and environmentally sound ship recycling in Bangladesh**

Document

- Project document for Phase I

Available at:

<<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>

- **Pilot project on the environmentally sound management of waste from ship dismantling in Pakistan**

Document

- Project document

Available at

<<http://www.basel.int/Implementation/TechnicalAssistance1/Dismantlingofships/tabid/3868/Default.aspx>>

ESM documents developed under the auspices of Regional Centers

Africa

- **Towards a non-toxic environment in Africa (Keml project)**

PROJECT SELECTED by BCRC

Project description available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAfrica/tabid/2343/Default.aspx>>

- **Demonstration of a regional approach to environmentally sound management of PCB liquid wastes and transformers and capacitors containing PCBs**

PROJECT SELECTED by BCRC

Project description available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAfrica/tabid/2343/Default.aspx>>

Asia/Pacific

- **Development of national implementation plan for e-waste management in Sri Lanka**

PROJECT SELECTED by BCRC

Project description available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInAsiaandPacific/tabid/2344/Default.aspx>>

LAC

- **Pilot program for the minimization of impacts generated by hazardous wastes**

PROJECT SELECTED by BCRC

Project description available at

<<http://www.basel.int/Partners/RegionalCentres/Projects/ProjectsInLatinAmericaandtheCaribbean/tabid/2346/Default.aspx>>
