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INTERGOVERNMENTAL NEGOTIATING COMMITTEE FOR AN INTERNATIONAL LEGALLY BINDING INSTRUMENT FOR IMPLEMENTING INTERNATIONAL ACTION ON CERTAIN PERSISTENT ORGANIC POLLUTANTS Third session

Geneva, 6-11 September 1999

Item 2 (c) of the provisional agenda\*

REPORT BY THE SECRETARIAT ON INTER-SESSIONAL WORK REQUESTED BY THE COMMITTEE

# Analysis of selected conventions covering the ten intentionally produced persistent organic pollutants

#### Note by the secretariat

### I. INTRODUCTION

1. At its second session, held in Nairobi from 25 to 29 January 1999, the Intergovernmental Negotiating Committee took up a draft expanded outline of an international legally binding instrument for implementing international action on certain POPs that had been prepared by the secretariat (UNEP/POPS/INC.2/2). In discussing paragraph 4 of article D of that draft, on management and disposal of wastes containing certain POPs, the Committee noted that the 12 persistent organic pollutants (POPs) 1 were covered under different instruments, such as the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, the London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, and the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade. Accordingly, it requested the secretariat to prepare a paper, related

<sup>\*</sup> UNEP/POPS/INC.3/1.

 $<sup>\</sup>underline{1}/$  Namely, aldrin, chlordane, dieldrin, DDT, endrin, heptachlor, hexachlorobenzene, mirex, toxaphene, polychlorinated biphenyls (PCBs), dioxins and furans.

in particular to paragraph 4 of article D of the draft outline, comprising an analysis of those conventions. In addition, the Committee decided that the paper should include a flow-chart and matrix, showing how each of the 10 intentionally produced POPs (aldrin, chlordane, DDT, dieldrin, endrin, heptachlor, hexachlorobenzene, mirex, PCB and toxaphene) might be covered by those conventions at various stages, such as domestic restriction on production; export notification, listing under annex III to the Rotterdam Convention; and the stockpile-destruction phases. The analysis should also clearly distinguish between national and international action and, for each instrument covered, should indicate the current status of signature and ratification (UNEP/POPS/INC.2/6, paragraph 58).

- 2. In response to that request, the Secretariat compiled the following information on how the 10 intentionally produced POPs may be addressed in the following global instruments:
- (a) London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter;
- (b) Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal; and
- (c) Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.
- 3. Other global and regional instruments of potential relevance are not covered in the present analysis, and include the Montreal Protocol on Substances that Deplete the Ozone Layer to the Vienna Convention for the Protection of the Ozone Layer, the Bamako Convention on the Ban of the Import into Africa and the Control of Transboundary Movement and Management of Hazardous Wastes within Africa, and the Convention to Ban the Importation into Forum Island Countries of Hazardous and Radioactive Wastes and to Control the Transboundary Movement and Management of Hazardous Wastes within the South Pacific Region. Detailed information on these and other agreements can be found in the summary of certain relevant multilateral legally binding instruments prepared by the secretariat for the first session of the Intergovernmental Negotiating Committee (UNEP/POPS/INC.1/3).
- 4. One aim of the present document is to help ensure compatibility and complementarity among selected global instruments of relevance to POPs. The document identifies how relevant stages of the life-cycle of a given substance are covered in those conventions and, in the matrix contained in annex I, outlines the principal provisions of the conventions, as well as whether those provisions require national or international action and whether they are mandatory. Annex II provides the status of signature and ratification of the three conventions.

### II. CONVENTION SUMMARIES

- 5. The following sections provide a brief review of the London, Basel and Rotterdam conventions and those places in which they refer to POPsin their mandate of action.
  - A. <u>Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter(London Convention)</u>
- 6. The purpose of the London Convention is to promote the effective control of all sources of pollution of the marine environment and the prevention of pollution of the sea from the dumping of wastes and other matter liable to create hazards to human health, to harm living resources and marine life, to damage amenities or to interfere with other legitimate uses of the sea.
- 7. The Convention defines "dumping" as any deliberate disposal at sea of wastes or other matter from vessels, aircraft, platforms or other man-made structures at sea; or any deliberate disposal at sea of vessels, aircraft, platforms or other man-made structures at sea. The term "wastes or other matter" is defined as material and substance of any kind, form or description. Another important term is "incineration at sea", which is defined as the deliberate combustion of wastes or other matter at marine incineration facilities for the purpose of their thermal destruction.
- 8. In accordance with the provisions of the Convention, Parties shall control the dumping of any wastes or other matter as follows:
- (a) Dumping is prohibited for those items listed in annex I to the Convention;
- (b) Dumping requires a prior special permit for those items listed in annex II; and
  - (c) Dumping of all other items requires a prior general permit.
- Annex I to the Convention, as amended in 1993, includes: organohalogen compounds; mercury and cadmium and their compounds; persistent synthetic materials; crude oil, its waste and other petroleum products and wastes; radioactive wastes or other radioactive matter; materials produced for biological and chemical warfare; and, from 1 January 1996, industrial wastes. Annex II includes: arsenic; lead, copper and zinc and their compounds; organosilicon compounds; cyanides; fluorides; pesticides and their byproducts not covered in annex I; beryllium; chromium; nickel; vanadium; bulky materials liable to sink to the bottom of the sea which may present serious obstacles to fishing and navigation; and materials which, though of a nontoxic nature, may become harmful due to the quantities in which they are dumped, or which are liable to seriously reduce amenities. Exempt are those substances which are rapidly rendered harmless by physical, chemical or biological processes in the sea, and wastes or other matter containing the substances within the scope of the Convention when found as trace contaminants. The 12 specified POPs and most, if not all, possible

additional POPs would be covered by this Convention since organohalogen compounds and persistent synthetic materials are included in its annex I.

- 10. Under the Convention, national authorities are designated to: to issue special permits prior to dumping of matter listed in annex II; to issue general permits for all other dumping; to keep records related to the nature and quantity of matter permitted for dumping as well as the location and manner; and to monitor, individually and jointly, the condition of the seas.
- 11. The Convention requires that contracting parties promote, through collaboration within the International Maritime Organization and other international bodies, support for those parties which request it. This includes training of scientific and technical personnel; supply of necessary equipment and facilities for research and monitoring; and disposal and treatment of waste and other measures to prevent or mitigate pollution caused by dumping. These activities should preferably be undertaken within the concerned countries.
- 12. The 1996 Protocol to the Convention, while conserving the principles of the Convention, also requires parties to apply a precautionary approach to environmental protection from the dumping of wastes and other matter. Preventive measures are hence taken when there is reason to believe that the dumping is likely to cause harm even without conclusive evidence of a causal relationship between input and effect. Parties must prohibit dumping of any wastes other than those listed in annex 1 to the Protocol. Those listed in the annex include dredged material; sewage sludge; fish waste; vessels and platforms or other man-made structures at sea; inert, inorganic geological material; organic material of natural origin; and bulky items consisting primarily of iron, steel, concrete and similarly unharmful materials. Parties must also prohibit the incineration at sea of wastes or other matter and must not allow the export of waste or other matter to other countries for dumping or incineration at sea. The 1996 Protocol is not yet in force.

# B. <u>Basel Convention on the Control of Transboundary Movements of</u> <u>Hazardous Wastes and their Disposal</u>

13. The two major objectives of the Basel Convention are the environmentally sound management and disposal of hazardous wastes and the control of the transboundary movements of such wastes. For the former, parties to the Convention are to minimize the generation of those wastes, ensure the availability of adequate disposal facilities and dispose of wastes as close as possible to their source of generation and in a manner designed to protect human health and the environment. For the latter, transboundary movements of hazardous wastes should be reduced to a minimum. Such movements between parties would not be allowed without the prior written consent of the receiving country. Movement between a party and a non-party country is prohibited unless both have entered into a bilateral or multilateral agreement regarding transboundary movement of hazardous wastes that is not less environmentally sound than the provisions set out in the Basel Convention itself.

- 14. The Convention defines "wastes" as substances or objects which are disposed of or are intended to be disposed of or are required to be disposed of by the provisions of national law. Disposal includes final disposal, recovery and recycling. Wastes are defined as hazardous if they:
- (a) Belong to any of the waste categories listed in annex I to the Convention (which includes wastes from certain types of facilities or production or treatment processes), unless they do not possess any of the hazard characteristics listed in annex III (which includes explosive, flammable, poisonous, infectious, corrosive, chronically toxic and ecotoxic substances or wastes); or
- (b) Are considered hazardous by the domestic legislation of the party of export, transit or import. 2
- 15. Most, if not all, of the identified POPs, when defined as wastes (i.e., destined for final disposal or recycling) and subject to transboundary movement, will be characterized as hazardous wastes under the Basel Convention. The Convention clearly identifies several waste POPs in its annex I (categories to be controlled), in particular waste substances and articles containing or contaminated with PCBs, as well as any congenor of polychlorinated dibenzo-furan (PCDF) or polychlorinated dibenzo-p-dioxin (PCDD).
- 16. The Convention includes technical and financial assistance provisions. Parties shall employ appropriate means to cooperate in order to assist developing countries and other countries in need of technical assistance in the implementation of the obligations of the Convention. Technical assistance includes: development of national legislation, regulations and standards; identification of main hazardous waste streams and preparation of national plans for the management of hazardous wastes; fostering of environmentally sound management of hazardous wastes and technology transfer activities; and information exchange. A technical cooperation trust fund was established to assist developing countries and other countries in need of technical assistance in the implementation of the Basel Convention. The trust fund is an independent mechanism financed from voluntary contributions and is administered by the United Nations Environment Programme (UNEP). It includes multilateral, regional and bilateral cooperation. 3
- 17. The 1995 amendment to the Convention, adopted by the Conference of the Parties in its decision III/1, prohibits the transboundary movement of hazardous wastes from the parties listed in annex VII to the Convention

 $<sup>\</sup>underline{2}/$  These definitional issues are considered in more detail in the note by the secretariat on the subject, contained in document UNEP/POPS/INC.3/3.

<sup>3</sup>/ For further information, see the note by the secretariat on exisiting mechanisms for providing technical and financial assistance to developing countries and countries with economies in transition (UNEP/POPS/INC.2/INF/4).

(namely, members of the Organisation for Economic Cooperation and Development (OECD), the European Community and Liechtenstein) to countries not so listed. In 1998, two new annexes were added to the Convention: annex VIII, which lists wastes that would normally be characterized as hazardous under the Convention; and annex IX, which lists wastes that would normally not be characterized as hazardous under the Convention.

# C. Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

- 18. The Rotterdam Convention is a means for formally obtaining and disseminating the decisions of importing parties as to whether they wish to receive future shipments of a given chemical, and for ensuring compliance with these decisions by exporting parties in protecting human health and the environment form harmful effects of such chemicals. The Convention aims to promote shared responsibility and cooperative efforts among parties in the international trade of certain hazardous chemicals in order to protect human health and the environment from potential harm and to contribute to their environmentally sound use.
- 19. In order to achieve the above-mentioned goals, the Convention establishes an information-exchange procedure through which information on national bans and severe restrictions of chemicals and information on hazardous pesticides formulations is collected and disseminated to parties to the Convention. On the basis of this information, chemicals are included in the prior informed consent (PIC) procedure and listed in annex III of the Convention accordingly. Parties must submit responses as to whether or not they consent to the import of chemicals listed in annex III. These responses are disseminated to parties, who are to ensure compliance at national level. If a party does not consent to a particular import of a certain chemical in annex III, it must ensure that that chemical is not imported from any other country and that the chemicals is no longer produced domestically.
- 20. Under the Convention, exporting parties must inform importing parties when exporting a chemical that is banned or severely restricted in their territory. All administrative functions under the Convention are performed by designated national authorities, acting on behalf of the individual parties.
- 21. Annex III to the Rotterdam Convention lists chemicals subject to the PIC procedure and includes aldrin, chlordane, DDT, dieldrin, heptachlor, hexachlorobenzene and PCBs. Chemicals imported in quantities not likely to affect human health or the environment provided they are imported for research or analysis or in quantities reasonable for personal use by an individual are exempted from the information-exchange procedure.
- 22. As far as technical and financial assistance is concerned, parties shall, taking into account in particular the needs of developing countries and countries with economies in transition, cooperate in promoting technical assistance for the development of the infrastructure and capacity necessary to manage chemicals. Parties with advanced programmes for regulating

chemicals should provide technical assistance, including training, to other Parties in developing their infrastructure and capacity to manage chemicals throughout their life-cycle. Governments that are in a position to do so should help developing countries and countries with economies in transition to participate fully and effectively in the Convention by providing the necessary financial and technical resources. A financial mechanism to be used by the Convention has not yet been finalized.

#### III. ANALYSIS

23. The following chart indicates the stages of the life-cycle of a chemical at which that chemical will be affected by the three conventions covered in the present document. It is a summary chart and does not attempt to be all-inclusive.

#### Chart

POTENTIAL COVERAGE OF POPS UNDER THE BASEL, LONDON AND ROTTERDAM CONVENTIONS

Rotterdam: Only covers the case where a country has taken a decision whereby it does not consent, or consents with certain restrictions, to the import of a particular POP included in the PIC procedure. Countries shall ensure that domestic production is subject to the same conditions as import.

Rotterdam: Only covers the case where a country has taken a decision whereby it does not consent, or consents with certain restrictions, to the import of a particular POP included in the PIC procedure. Countries shall ensure that domestic use is subject to the same conditions as import.

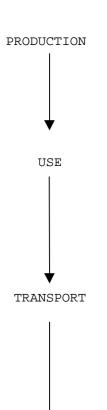
<u>London</u>: Parties are to ensure that vessels registered in their territory or flying their flag comply with the Convention.

<u>Basel</u>: POPs classified as hazardous wastes cannot be transported from one party to another without prior written consent. Movements of such wastes between a party and a non-party will not be allowed unless a bilateral, multilateral or regional agreement is in place.

<u>Rotterdam</u>: POPs not classified as wastes and included in the PIC procedure can be exported from one party to another party only when the importing party has notified its consent to such imports of the POP.

London: Parties are prohibited from dumping at sea all industrial wastes and certain hazardous wastes, including organohalogen compounds. Other hazardous wastes, including pesticides, require a special permit. Guidance on issuing permits includes consideration of persistence, accumulation and toxicity. Incineration at sea is prohibited.

<u>Basel</u>: Parties take appropriate measures to ensure that hazardous wastes are managed in an environmentally sound manner. These measures include: minimizing hazardous-waste generation; developing management plans; and ensuring the availability of adequate disposal facilities and trained personnel.



DISPOSAL

#### IV. MAJOR PROVISIONS OF THE CONVENTIONS

- 24. The matrix provided in annex I outlines the principal provisions of the conventions as well as whether the related action to be taken is national or international (collaborative or in cooperation with other States) and whether this action is mandatory. The subdheadings given are not necessarily the titles of the articles as they appear in the respective conventions. The-provisions are summarized without necessarily including the related time-limits and specific conditions. Final provisions, such as those related to dispute settlement, compliance, amendments, conferences of the parties, etc., have not been reflected. In addition, provisions related to the designation of national authorities and capacity-building have been covered under the general description of each convention. The matrix does not constitute a legal analysis of the conventions concernedbut has been proposed in response to the request by the Committee for information on the coverage of POPs by the three conventions at various stages.
- 25. Within the matrix, "national" means that the action must be taken domestically by parties to comply with the provisions of the Convention; "international" means that the action is to be taken with other parties or States, or in consultation with other Parties or States and/or with international organizations, bodies or agencies to endeavour to meet the provisions of the convention; and "organizational" means that the action is to be taken by a convention body.
- 26.. Annex II provides the status of signature and ratification of the London, Basel and Rotterdam conventions as of the date indicated.

## Annex I

MATRIX OUTLINING THE PRINCIPAL PROVISIONS OF THE LONDON, BASEL AND ROTTERDAM CONVENTIONS OF RELEVANCE TO THE WORK OF THE INTERGOVERNMENTAL NEGOTIATING COMMITTEE

A. London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter

Dumping (articles IV and V)  Parties shall prohibit the dumping of wastes or other matter listed in annex I.  A special permit is required for the dumping of wastes or other matter listed in annex II.  A general permit is required for dumping of all other wastes or other matter listed in annex II.  A general permit is required for dumping of all other wastes or other matter.  Parties may prohibit the dumping of wastes and other matter other than those listed in annex I.  A special permit may be issued in cases of emergency for wastes or other matter in annex I (Parties pledge to assist each other in these events).  Reporting (article VI)  Authorities shall issue permits for matter loaded in its territory or by vessels to its territory or flying its flag.  Parties shall submit reporting information to the Organization and to other Parties as appropriate.  Application (article VII)  Parties shall apply measures to implement the Convention to their national vessels.  Parties shall take appropriatemeasures to ensure that vessels of sovereign immunity act in a manner consistent with the Convention objectives.  Regional agreements (article VIII)  Parties shall endeavour to enter into regional agreements consistent with the Convention by dumping.  Protection of the marine environment (article XII)  Parties pledge to promote within international bodies measures, to protect the marine environment against pollution caused by (see article XII of the Convention).		T	1 1
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Consistent with the Convention for the prevention of pollution by dumping.  Protection of the marine environment (article XII)  Parties pledge to promote within international bodies measures, to protect the marine environment against pollution caused by (see article XII of the Convention).		International	No
Protection of the marine environment (article XII)  Parties pledge to promote within international bodies measures, to protect the marine environment against pollution caused by (see article XII of the Convention).		international	NO
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Parties pledge to promote within international bodies measures, to protect the marine environment against pollution caused by (see article XII of the Convention).	Formula of manifolds.		
measures, to protect the marine environment against pollution caused by (see article XII of the Convention).	Protection of the marine environment (article XII)		
pollution caused by (see article XII of the Convention).		International	No
Addendum to appear I. Degulations for the control of inciparation of wester and other metter at ac-	pollution caused by (see article XII of the Convention).		
Addendum to annoy I. Degulations for the control of incipantion of wester and other motter at ac-			
Addendum to annex I: Regulations for the control of incineration of wastes and other matter at sea			
Parties shall consider the practical availability of alternative    National   Yes		National	Yes
land-based methods of treatment before issuing a permit for incineration at sea.			
Several provisions are required of Parties concerning National Yes		National	Vec
disposal at sea by incineration; Parties shall prohibit		rational	1 55
incineration at sea of industrial waste and sewage sludge.			
		l	
Export	Export		
	Parties should not export wastes for sea disposal, especially	National	No
Parties should not export wastes for sea disposal, especially National No	those substances listed in annexes I and II, to States not party		
those substances listed in annexes I and II, to States not party	to the Convention.		

Parties should provide advance notification of movement of	National	No
wastes to receiving countries and any other country which		
may exercise authority over their transport or disposal in		
sufficient time.		
Parties should obtain prior consent of the appropriate	National	No
national authroties in any country receiving wastes and		
issuing the required permit for sea disposal.		

## 1996 Protocol to the Convention

Parties should apply a precautionary approach to	National	No
environmental protection from dumping.		
Parties shall prohibit dumping of any wastes other than those	National	Yes
listed in annex 1 to the Protocol.		
Parties shall prohibit the incineration at sea of wastes or	National	Yes
other matter.		
Parties shall prohibit the export to other countries of wastes	National	Yes
or other matter for dumping or incineration.		

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

#### National definitions of hazardous wastes (article 3)

Translate definitions of nazardous wastes (article 3)		
Parties shall inform the secretariat of the wastes, other than	National	Yes
in annexes I and II to the Convention, considered or defined		
as hazardous under its national legislation or of any		
requirement of transboundary movement of wastes and of		
any subsequent changes		
The secretariat shall inform all Parties of such information	Organizational	Yes

### General obligations (article 4)

Parties shall inform other Parties of their decision to prohibit	National	Yes
the import of wastes* for disposal		
Parties shall prohibit or not permit the export of wastes* to	National	Yes
Parties which have prohibited such import		
Parties shall prohibit or not permit the export of wastes* to	National	Yes
States who do not consent in writing to the specific import		
Parties shall take appropriate measures to ensure that waste*	National	Yes
is reduced to a minimum		
Parties shall take appropriate measures to ensure the	National	Yes
availability of adequate disposal facilities		
Parties shall take appropriate measures to ensure that persons	National	Yes
involved in waste* management take necessary steps to		
prevent related pollution but should it occur to minimize the		
consequences		

<sup>\*</sup> denotes hazardous wastes and other wastes

General obligations (continued)

Parties shall take appropriate measures to ensure that transboundary movement of wastes\* is reduced to the

Parties shall require that wastes\* are signed for upon receipt

transboundary movement of wastes* is reduced to the minimum		
Parties shall take appropriate measures not to allow the	National	Yes
export of wastes* to a State or group of States belonging to	Tuttonar	103
an economic and/or political integration organization that are		
Parties which have prohibited such imports or if that waste		
may not be handled in an environmentally sound manner		
Parties shall take appropriate measures to require that human	National	Yes
health and environmental effects information on a proposed	Ivational	Tes
transboundary movement be provided to the States		
· · ·		
concerned	NT-c'1	37
Parties shall take appropriate measures to prevent the import	National	Yes
of wastes* if those wastes may not be handled in an		
environmentally sound manner		
Parties shall take appropriate measures to cooperate in	National	Yes
activities with other Parties and interested organizations to		
improve environmentally sound management of wastes* and		
to achieve the prevention of illegal traffic		
Parties shall not permit wastes* to be exported to or	National	Yes
imported from a non-party		
Parties agree not to allow the export of wastes* for disposal	International	Yes
south of $60^{\circ}$ latitude.		
Parties shall prohibit the unauthorized transport or disposal	National	Yes
of wastes* by persons under their national jurisdiction.		1 2 3
Parties shall require internationally accepted packaging,	National	Yes
labelling and transport for wastes*.	Ivational	Tes
	National	Yes
Parties shall require that wastes* be accompanied by a	National	res
movement document for transboundary movement.	37.7.1	77
Parties shall ensure that wastes* to be exported are managed	National	Yes
in an environmentally sound manner in the State of import or		
elsewhere.		
Parties shall take appropriate measures to ensure that	National	Yes
transboundary movement of wastes* be allowed only if		
States of export do not have the capacity for environmentally		
sound disposal, the wastes are required as raw material for		
recycling, and the transboundary movement is in accordance		
with other criteria to be decided by the parties.		
Obligations for the environmentally sound management of	National	Yes
wastes* are those of the State of export and not import or		
transit.		
Parties shall undertake periodically to review possibilities for	National	Yes
reducing pollution of wastes*.	Tuttonai	103
reducing political of wastes.		I
Transhoundary movement between Derties (esticle 6)		
Transboundary movement between Parties (article 6)	National	Vac
Exporting States shall notify in writing concerned States of	National	Yes
any proposed transboundary movement of wastes*.	27	
Importing States shall respond in writing a decision on a	National	Yes
proposed transboundary movement of wastes*.		
States shall ensure that written consent on a transboundary	National	Yes
movement has been received before movement occurs and		
that confirmation exists that the waste will be managed in an		
environmentally sound manner.		
States of transit shall acknowledge receipt of notification of	National	Yes
transit promptly and within 60 days provide a decision on		
transit.		
Exporting States may allow a general notification for export	National	No
	rvationar	INO
to States concerned if the same wastes* are shipped regularly		
by the same port of entry/exit (maximum period of 12		
months).	NT 1	l N
States concerned may request information for this general	National	No
notification.	[	

National

Yes

National

Yes

and that they receive information on their correct disposal.		
Lacking this, States of export should so inform States of		
import.		
Transboundary movements shall be covered by insurance as	National	Yes
required by importing and transit States.		
	1	-
Transboundary movement from a party through States which a	re not parties (article 7)	
Exporting States shall notify in writing concerned States of	National	Yes
any proposed transboundary movement of wastes* also for	T tational	105
States not parties.		
States not parties.	<u> </u>	
Duty to reimport (article 8)		
When transboundary movement cannot be completed,	National	Yes
exporting States shall ensure that the wastes are taken back	National	103
by the exporter if alternative arrangements cannot be made.		
An exporting State shall not oppose, hinder or prevent the	National	Yes
	National	168
return of wastes.		
III1 + ff' - (+-1-0)		
Illegal traffic (article 9)	Notional	V
An exporting State shall ensure that an exporter or generator	National	Yes
takes back any waste that is deemed illegal traffic as a result		
of conduct on the part of the exporter or generator.		
An exporting State shall not oppose, hinder or prevent the	National	Yes
return of wastes.		
States concerned shall ensure that the waste is disposed of in	National	Yes
an environmentally sound manner.		
Parties shall introduce national legislation to prevent and	National	Yes
punish illegal traffic.		
International cooperation (article 10)		
Parties shall cooperate in order to improve and achieve	International	Yes
environmentally sound management of wastes*.		
Bilateral, multilateral and regional agreements (article 11)		
Parties may enter into bilateral, multilateral or regional	National	No
agreements regarding transboundary movement of wastes*		
the provisions of which shall be no less environmentally		
sound than those of the Convention.		
Parties shall notify the secretariat of any bilateral,	National	Yes
multilateral or regional agreements or arrangements		
including those made prior before entry into force of the		
Convention.		
Transmission of information (article 13)		
Parties shall inform other States of accidents occurring	National	Yes
during transboundary movement of wastes which are likely		
to present risks to human health and the environment.		
Parties shall inform other parties through the secretariat of	National	Yes
changes in designated authorities, definitions of hazardous		
wastes or any other information pertinent to the application		
of the Convention.		
	1	1

# C. Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Procedures for banned or severely restricted chemicals (article 5)

Parties which have adopted regulatory actions shall notify	National	Yes
the secretariat accordingly.		
The secretariat shall verify if the notification contains the	Organizational	Yes
required information. If yes, it is forwarded to parties. If		
not, the notifying party is informed accordingly.		
If at least one notification from each of two PIC regions on	Organizational	Yes
one chemical is received, the Secretariat shall forward it to		
the Chemical Review Committee (CFC).		

1496 11		
CRC shall review the information and make a	Organizational	Yes
recommendation to the Conference of the Parties regarding		
the inclusion of the chemical in the PIC procedure (listing in		
annex III). The Conference of the Parties shall decide if the		
chemical should be included in annex III.		
Procedures for severely hazardous pesticide formulations (artic		
A developing party or a party with an economy in transition	National	No
may propose to the secretariat listing of a hazardous		
pesticide formulation in annex III.		
Secretariat shall verify if the proposal contains the	Organizational	Yes
information required. If yes, it shall forward it to all parties;		
if no, it shall inform the proposing party accordingly.		
Upon collection of all required information the secretariat	Organizational	Yes
shall forward the proposal to CRC. CRC shall make a		
recommendation to the Conference of the Parties on		
inclusion of the pesticide formulation in annex III. COP		
shall decide on inclusion of the chemical in annex III.		
Listing of shamicals in annoy III (a-ti-1-7)		
Listing of chemicals in annex III (article 7)	Omanizational	Vac
CRC shall prepare a decision guidance document (DGD), including specified information, for each chemical it	Organizational	Yes
recommends for inclusion in annex III.  CRC recommendation and DGD shall be forwarded to the	Organizational	Yes
Conference of the Parties for decision on inclusion in annex	Organizational	ies
III.		
Secretariat shall inform the parties of the decision of the	Organizational	Yes
Conference of the Parties, if the chemical is to be listed in	Organizational	168
annex III.		
unica III.		
Removal of chemicals from annex III (article 9)		
A party may submit to the secretariat the information	National	No
indicating that the listing of the chemical in annex III is no		
longer justified.		
The Secretariat shall forward the information to CRC. CRC	Organizational	Yes
shall review the information and recommend removal to the		
Conference of the Parties. The Conference of the Parties		
shall decide on removal of the chemical from annex III.		
Obligations in relation to imports of chemicals listed in annex	III (article 10)	
Parties shall implement appropriate legislative or	National	Yes
administrative measures to ensure decisions on the import of		
chemicals in annex III.		
Parties shall transmit to the secretariat decisions (final or	National	Yes
interim) on the import of chemicals in annex III.		
Parties shall make their responses available to those	National	Yes
concerned within their jurisdiction.		
If a decision restricting the import of a chemical in annex III	National	yes
is taken by a party, it shall restrict respectively the import of		
the same chemical from any source and the domestic		
production of the chemical for domestic use.		
Secretariat shall inform parties of the responses received.	Organizational	Yes
Obligations in relation to exports of chemicals listed in annex		<del></del> _
Exporting parties shall implement legislative or	National	Yes
administrative measures to communicate responses		
forwarded by the secretariat to those concerned within their	1	
jurisdiction.		
jurisdiction.  Exporting parties shall take legislative or administrative	National	Yes
jurisdiction.  Exporting parties shall take legislative or administrative measures to ensure that exporters under their jurisdiction	National	Yes
jurisdiction.  Exporting parties shall take legislative or administrative measures to ensure that exporters under their jurisdiction comply with decisions received.		
jurisdiction.  Exporting parties shall take legislative or administrative measures to ensure that exporters under their jurisdiction	National  International	Yes

Parties shall ensure that a chemical in annex III is not exported from its territory to an importing party that has not transmitted any response, unless specified conditions are met.	National	Yes
Export notification (article 12)		
If a chemical banned or severely restricted by a party is	National	Yes (until the
exported from that party, it shall provide an export		chemical in
notification, including specified information and meeting		question is included
specified conditions, to the importing party.		in the PIC
		procedure)
Information to accompany exported chemicals (article 13)		
When chemicals in annex III are exported, exporting parties	National	Yes
shall require bearing Harmonized System codes, if assigned.		
When chemicals in annex III or chemicals banned or	National	Yes
severely restricted by a party are exported, that party shall		
ensure that the labelling meeting specified requirements.		
Additional labelling, related to health and environment	National	No
requirements, may be ensured by an exporting party.		
For chemicals used for occupational purposes, parties shall	National	Yes
ensure the sending of a safety data sheet to the importer.		
Information exchange (article 14)		
Parties shall facilitate information exchange of specified	National	Yes
information.		
Parties shall protect confidential information as mutually	National/international	Yes
agreed.		

## Annex II

STATUS OF SIGNATURE AND RATIFICATION OF THE LONDON,
BASEL AND ROTTERDAM CONVENTIONS
AS OF 1 MAY 1999

A. London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter

Signature	Ratification, acceptance, approval, accession
Total: 35	Total: 77
Africa: Liberia; Togo	Africa: Cape Verde; Côte d'Ivoire; Democratic Republic of the Congo; Egypt; Gabon; Kenya; Libyan Arab Jamahiriya; Morocco; Nigeria; Seychelles; South Africa; Tunisia
Asia and the Pacific: Japan; Jordan; Khmer Republic; Kuwait; Lebanon; Nepal; Philippines	Asia and the Pacific: Afghanistan; Azerbaijan; China; Iran (Islamic Republic of); Japan; Jordan; Kiribati; Nauru; Oman; Pakistan; Papua New Guinea; Philippines; Republic of Korea; Solomon Islands; Tonga; United Arab Emirates; Vanuatu
Central and Eastern Europe: Hungary; Russian Federation	Central and Eastern Europe: Belarus; Croatia; Hungary; Poland; Russian Federation; Slovenia; Ukraine; Yugoslavia
Latin America and the Caribbean: Argentina; Mexico	Latin America and the Caribbean: Antigua and Barbuda; Argentina; Barbados; Brazil; Chile; Costa Rica; Cuba; Dominican Republic; Guatemala; Haiti; Honduras; Jamaica; Mexico; Panama; Saint Lucia; Suriname
Western Europe and other States: Australia; Belgium; Canada; Denmark; Finland; France; Germany; Greece; Iceland; Ireland; Italy; Luxembourg; Monaco; Netherlands; New Zealand; Norway; Portugal; Spain; Sweden; Switzerland; United Kingdom; United States of America	Western Europe and other States: Australia; Belgium; Canada; Cyprus; Denmark; Finland; France; Germany; Greece; Iceland; Ireland; Italy; Luxembourg; Malta; Monaco; Netherlands; New Zealand; Norway; Portugal; Spain; Sweden; Switzerland; United Kingdom; United States of America

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

Signature	Ratification, acceptance, approval, accession
Total: 53	Total: 122
Africa: Nigeria	Africa: Benin; Botswana; Burundi; Comoros; Côte d'Ivoire; Democratic Republic of the Congo; Egypt; Gambia; Guinea; Malawi; Mauritania; Mauritius; Mozambique; Namibia; Niger; Nigeria; Senegal; Seychelles; South Africa; Tunisia; Uganda; United Republic of Tanzania; Zambia
Asia and the Pacific: Afghanistan; Bahrain; China; India; Israel; Jordan; Kuwait; Lebanon; Philippines; Saudi Arabia; Syrian Arab Republic Thailand; Turkey; United Arab Emirates	Asia and the Pacific: Bahrain; Bangladesh; China; India; Indonesia; Iran (Islamic Republic of); Israel; Japan; Jordan; Kuwait; Kyrgyzstan; Lebanon; Malaysia; Maldives; Micronesia (Federated States of); Mongolia; Nepal; Oman; Pakistan; Papua New Guinea; Philippines; Qatar; Republic of Korea; Saudi Arabia; Singapore; Sri Lanka; Syrian Arab Republic; Thailand; Turkey; Turkmenistan; United Arab Emirates; Uzbekistan; Viet Nam; Yemen
Central and Eastern Europe: Hungary; Poland; Russian Federation	Central and Eastern Europe: Bulgaria; Croatia; Czech Republic; Estonia; Hungary; Latvia; Poland; Republic of Moldova; Romania; Russian Federation; Slovakia; Slovenia; The former Yugoslav Republic of Macedonia
Latin America and the Caribbean: Argentina; Bolivia; Chile; Colombia; Ecuador; El Salvador; Guatemala; Haiti; Mexico; Panama; Uruguay; Venezuela	Latin America and the Caribbean: Antigua and Barbuda; Argentina; Bahamas; Barbados; Belize; Bolivia; Brazil; Chile; Colombia; Costa Rica; Cuba; Dominica; Ecuador; El Salvador; Guatemala; Honduras; Mexico; Nicaragua; Panama; Paraguay; Peru; Saint Kitts and Nevis; Saint Lucia; Saint Vincent and the Grenadines; Trinidad and Tobago; Uruguay; Venezuela
Western Europe and other States: Austria; Belgium; Canada; Cyprus; Denmark; Finland; France; Germany; Greece; Ireland; Italy; Liechtenstein; Luxembourg; Netherlands; New Zealand; Norway; Portugal; Spain; Sweden; Switzerland; United Kingdom; United States of America	Western Europe and other States: Australia; Austria; Belgium; Canada; Cyprus Denmark; Finland; France; Germany; Greece; Iceland; Ireland; Italy; Liechtenstein; Luxembourg; Monaco; Netherlands; New Zealand; Norway; Portugal; Spain; Sweden; Switzerland; United Kingdom
Regional economic integration organization: European Community	Regional economic integration organization: European Community

# C. Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Signature	Ratification, acceptance, approval, accession
Total: 60	-
Africa: Angola; Benin; Burkina Faso; Cameroon; Chad; Congo; Côte d'Ivoire; Democratic Republic of the Congo; Ghana; Kenya; Madagascar; Mali; Namibia; Senegal; Seychelles; Tunisia; United Republic of Tanzania	
Asia and the Pacific: Indonesia; Iran (Islamic Republic of); Israel; Kuwait; Mongolia; Philippines; Syrian Arab Republic; Tajikistan; Turkey	
Central and Eastern Europe: Armenia; Slovenia	
Latin America and the Caribbean: Argentina; Barbados; Brazil; Chile; Colombia; Cuba; Ecuador; El Salvador; Panama; Paraguay; Peru; Saint Lucia; Uruguay	
Western Europe and other States: Austria; Belgium; Cyprus; Denmark; Finland; France; Germany; Greece; Italy; Luxembourg; Netherlands; New Zealand; Norway; Portugal; Spain; Sweden; Switzerland; United Kingdom; United States of America	
<b>Regional economic integration organization:</b> European Community	

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