

## Waste Management and Health

| Ongoing Activities   |  |
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| Regional Activity  |  |
| MEA(Multilateral Environment Agreement)  | Status/Contact   |
| ASEAN Cooperation on Environment   | <ul style="list-style-type: none"> <li>◆ ASEAN recognizes the synergistic benefits in addressing common environmental problems on a regional basis and has since 1977 developed a series of ASEAN Sub-regional Environmental Programmes (ASEP I, II, and III), followed by the Strategic Plan of Action on the Environment, 1999-2004 (SPAEE).</li> <li>◆ <a href="http://environment.asean.org">http://environment.asean.org</a></li> </ul>   |
| Projects   | Status/Contact   |
| 3R National Strategy Project in Model Countries by UNEP/ROAP                                     | <ul style="list-style-type: none"> <li>◆ It aims to assist the model countries to establish national strategy (policy) concerning 3R, these projects are conducted during 2005-2008 period. The model countries are Cambodia, Malaysia, Philippines and Thailand and sponsored by IGES and financially supported by Ministry of Environment, Japan.</li> <li>◆ <a href="http://www.env.go.jp/recycle/3r/en/asia/02_02/03.pdf">http://www.env.go.jp/recycle/3r/en/asia/02_02/03.pdf</a></li> </ul>  |
| SWLF (Sustainable Solid Waste Landfill Management in Asia) project                               | <ul style="list-style-type: none"> <li>◆ This project is supported by SIDA and Phase I and II during 2001~2007 period</li> <li>◆ The objectives of this project are to Identification and development of sustainable, environmentally sound and cost effective solid waste treatment and disposal technologies; Compilation of existing practices of solid waste management and basic information about solid waste organization, anthology of training materials, lecture notes, workshop and training programs; and identification of gaps and recommendation in policy and legislation based on data compilation, technical research, and policy dissemination.</li> <li>◆ <a href="http://www.swlf.ait.ac.th">http://www.swlf.ait.ac.th</a></li> </ul> |
| Conference/ Information/ Workshops   | Status/Contact   |
| Asia 3R Conference   | <ul style="list-style-type: none"> <li>◆ 2<sup>nd</sup> Asia 3R conference was held in Tokyo on March 18~19, 2008, with the participation of 19 Asian countries, seven international organizations (ADB, AIT, JICA, Secretariat of Basel Convention, UNCRD, UNEP/DTIE/IETC, UNEP/ROAP, UNEP/RRC.AP, UNESCAP), and some G8 members as observers.</li> <li>◆ <a href="http://www.env.go.jp/recycle/3r/en/asia.html">http://www.env.go.jp/recycle/3r/en/asia.html</a></li> </ul>  |
| Sustainable Production and Consumption / 3R (Reduce, Reuse & Recycle) project                    | <ul style="list-style-type: none"> <li>◆ The main objective is to integrate the perception of sustainable production and consumption/3Rs with mainstream thinking, national policies and regulatory framework by sensitizing the civil society, local/national governments, private sectors, industry/business groups (mainly SMEs) and NGOs.</li> <li>◆ <a href="http://www.uncrd.or.jp/env/spc">http://www.uncrd.or.jp/env/spc</a></li> </ul>  |
| 3R Workshop on Effective Waste Management and Resource Use Efficiency in East and Southeast Asia | <ul style="list-style-type: none"> <li>◆ This was held on 15-16, February, 2007 in ADB headquarter, Manila, Philippines and its objectives were (1) to review and share experiences with key issues relating to resource efficiency and effective waste management in East and Southeast Asia and (2) provide an important opportunity to obtain feedback for a review paper entitled "Toward Resource-efficient Economies for Asia and the Pacific-Reduce, Reuse and Recycle," which is being prepared by ADB.</li> <li>◆ <a href="http://www.uncrd.or.jp/env/spc/">http://www.uncrd.or.jp/env/spc/</a></li> </ul>  |
| International Activity   |  |
| MEA (Multilateral Environment Agreement)   | Status/Contact   |

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| Basel Convention on the Control of Transboundary Movement of Hazardous Waste and Their Disposal | <ul style="list-style-type: none"> <li>◆ Global environmental treaty, aims at regulating and controlling the trans-boundary movements of hazardous wastes and other wastes, and their disposal. It has 170 member countries (Parties) and aims to protect human health and the environment against the adverse effects resulting from the generation, management, transboundary movements and disposal of hazardous and other wastes.</li> <li>◆ <a href="http://www.basel.int/">http://www.basel.int/</a></li> </ul>  |
| <b>Conference/<br/>Information/<br/>Workshops</b>   | <b>Status/Contact</b>  |
| G8 Environment Ministers Meeting  | <ul style="list-style-type: none"> <li>◆ This was held in Kobe, Japan on May 24-26, 2008 and adopted 3R as a main objective of the meeting as well as climate change. There were G8 countries, the European Commission, other participating countries such as Brazil, China, India, Mexico, South Africa and Korea, and international organizations and networks including OECD, UNEP, and the Secretariat of the Basel Convention.</li> <li>◆ <a href="http://www.env.go.jp/recycle/3r/en/g8_0805.html">http://www.env.go.jp/recycle/3r/en/g8_0805.html</a></li> </ul>  |
| Senior Officials Meeting on the 3R Initiative   | <ul style="list-style-type: none"> <li>◆ This was held in Bonn, Germany, on October 4~6, 2007 with the participation of 18 countries, the European Commission, and secretariats from five international organizations. The meeting recognized and agreed that the concept for 3R has been widely shared and 3R approaches have been developed not only among G8 countries but also among other nations and regions including Asia, since the initiation of the 3R Initiative in 2005.</li> <li>◆ <a href="http://www.env.go.jp/recycle/3r/en/s_officials_0710.html">http://www.env.go.jp/recycle/3r/en/s_officials_0710.html</a></li> </ul>  |
| <b>National Activity</b>  |  |
| <b>Countries</b>  | <b>Status/Contact</b>  |
| Brunei Darussalam   | <ul style="list-style-type: none"> <li>◆ Institutional Structure <ul style="list-style-type: none"> <li>- The Solid Waste Management Working Group: It was established by the National Committee on Environment in 1994 to establish environmental quality objectives and corresponding standards and monitoring requirements.</li> <li>- Department of Environment, Parks and Recreation: <a href="http://www.env.gov.bn">http://www.env.gov.bn</a></li> </ul> </li> <li>◆ Laws, Legislation and Policies <ul style="list-style-type: none"> <li>- As of 8<sup>th</sup> National Development Plan, Domestic garbage collection systems was introduced and operated by private sector. Specific areas are allocated in all districts for the purpose of garbage disposal.</li> </ul> </li> </ul>   |
| Cambodia  | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies: Not available</li> <li>◆ National action plan on Environmentally Sound Management of "Environmentally Sound Management of Used Lead Acid Batteries (ULAB) in Cambodia", launched to implement the Basel convention with the support of UNEP/SBC since 2003.</li> </ul>   |
| PR China  | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste (Promulgated in Oct, 1995)</li> <li>- Announcement on Releasing Catalogue of Solid Wastes Forbidden to Import, Catalogue of Restricted Import Solid Wastes that Can Be Used as Raw Materials, and Catalogue of Automatic-Licensing Import Solid Wastes that Can Be Used as Raw Materials (announced in Nov, 2008)</li> <li>- Circular on List of Institutes for Identification of Solid Waste Attributes and Identification Procedures (announced in Apr, 2008)</li> <li>- Technical Policies for the Municipal Refuse Disposal and the Prevention and Control of Pollution (May, 2000)</li> <li>- Circular of the General Office of the State Council on the Strict Control on Transboundary Movements of Foreign Waste to China (issued in Nov, 1995)</li> </ul> </li> </ul> |

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|           | <ul style="list-style-type: none"> <li>- Measures on Duplicated Form for Transfer of Hazardous Wastes Measures on the Management of Hazardous Waste Manifests (Decree of the State Environmental Protection Administration Oct, 1, 1999)</li> <li>- Proposals on Strengthening the Management of the Plastic Package Wastes along Main Roads, in River Basins and at Tourist Attractions (Sep, 1998)</li> <li>- National Catalogue of Hazardous Wastes (Aug. 1, 2008)</li> <li>- Supplementary Provisions to the "Interim Provisions on the Administration of Environmental Protection regarding the Import of Waste Materials (July, 1996)</li> <li>- Interim Provisions on the Administration of Environmental Protection of Waste Imports (Mar. 1,1996)</li> </ul>  |
| China     | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste (Promulgated in Oct, 1995)</li> <li>- Announcement on Releasing Catalogue of Solid Wastes Forbidden to Import, Catalogue of Restricted Import Solid Wastes that Can Be Used as Raw Materials, and Catalogue of Automatic-Licensing Import Solid Wastes that Can Be Used as Raw Materials (announced in Nov, 2008)</li> <li>- Circular on List of Institutes for Identification of Solid Waste Attributes and Identification Procedures (announced in Apr. 2008)</li> <li>- Technical Policies for the Municipal Refuse Disposal and the Prevention and Control of Pollution (promulgated in May, 2000)</li> <li>- Circular of the General Office of the State Council on the Strict Control on Transboundary Movements of Foreign Waste to China (issued in Nov, 1995)</li> <li>- Measures on Duplicated Form for Transfer of Hazardous Wastes Measures on the Management of Hazardous Waste Manifests (Decree of the State Environmental Protection Administration No. 5, promulgated in October 1, 1999)</li> <li>- Proposals on Strengthening the Management of the Plastic Package Wastes along Main Roads, in River Basins and at Tourist Attractions (promulgated in Sep, 1998)</li> <li>- National Catalogue of Hazardous Wastes (went into effect as of August 1, 2008)</li> <li>- Supplementary Provisions to the "Interim Provisions on the Administration of Environmental Protection regarding the Import of Waste Materials (Promulgated in July, 1996)</li> <li>- Interim Provisions on the Administration of Environmental Protection of Waste Imports (Promulgated on March 1,1996)</li> </ul> </li> </ul> |
| Indonesia | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Ministerial Decree No.42/MENLH/11/1994 (1994) Dangerous and Toxic Waste Management<sup>i</sup></li> </ul> </li> <li>◆ National Expert Consultation Meeting for the Formulation of National 3R Strategy for Indonesia was held on 17-18, April, 2008 in Jakarta, Indonesia. It was organized by UNCRD and Department of Environment of Ministry of Natural Resources and Environment (DoE/MONRE) with over 25 Indonesian experts and stakeholders including relevant ministries and local government, etc</li> </ul>  |
| Japan     | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies<sup>ii</sup> <ul style="list-style-type: none"> <li>- Law on Special Measures concerning Removal of Environmental Problems Caused by Specified Industrial Wastes</li> <li>- Law for the Recycling of End-of-Life Vehicles (2002, July)</li> <li>- Construction Material Recycling Law (2000 May)</li> <li>- Waste Management and Public Cleansing Law (Law No. 137 of 1970)</li> <li>- Law for the Recycling of Specified Kinds of Home Appliances (June 1998)</li> <li>- The Basic Law for Establishing a Sound Material-Cycle Society (Law No.110, 2000)</li> <li>- Law for the Promotion of Effective Utilization of Resources (enacted in May 2000)</li> <li>- Law for Promotion of Recycling and Related Activities for the Treatment of Cyclical Food Resources</li> <li>- Law for the Promotion of Sorted Collection and Recycling of Containers and Packaging (1997)</li> <li>- Law concerning Special Measures for Promotion of Proper Treatment of PCB Wastes</li> </ul> </li> </ul>  |

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|                     | <p>(PCB Special Measures Law)</p> <ul style="list-style-type: none"> <li>- Law to Promote the Development of Specified Facilities for the Disposal of Industrial Waste</li> <li>- Law for the Control of Export, Import and Others of Specified Hazardous Wastes and Other Wastes</li> </ul>  |
| Korea (Republic of) | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Waste Management Act</li> <li>- Compound Waste Treatment Corporation Act</li> <li>- Korea Resource Recovery and Reutilization Corporation Act</li> <li>- Act relating to Promotion of Resources Saving and Reutilization</li> <li>- Act Promotion of Waste Treatment Facilities and Local Community</li> <li>- Toxic Chemicals Control Act</li> <li>- Act on the Control of Transboundary Movements of Hazardous Wastes and their Disposal<sup>iii</sup></li> <li>- Wastes control act (Dec.1986)</li> <li>- Act on the Promotion of saving and recycling of resources (Dec. 1992)</li> <li>- Act on Resource Recycling of Electrical and Electronic Equipment and Vehicles (Apr. 2007)</li> <li>- Act on the control of Transboundary movement of hazardous wastes and their disposal (Dec. 1992)</li> <li>- Act on the Promotion of Construction Waste Recycling (Dec. 2003)</li> <li>- Promotion of Installation of Waste Disposal Facilities and Assistance, etc. to Adjacent Areas Act (Jan, 1995)</li> <li>- Sudokwon Landfill Site Management Corporation Act (Jan. 2000)</li> <li>- Korea Environment &amp; Resources Corporation Act (Dec., 1993)</li> </ul> </li> </ul> |
| Lao PDR             | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- No Laws, policy and strategy to support directly on Municipal waste management sector in the nationwide<sup>iv</sup></li> </ul> </li> <li>◆ Solid waste management in Nongnak village, Vientiane province Lao PDR (supported by CIDA and AIT)</li> </ul>  |
| Malaysia            | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Environmental Quality (Scheduled Wastes) (Amendment) Regulations 2007.</li> <li>- Environmental Quality (Prescribed Premises) (Scheduled Wastes Treatment and Disposal Facilities) Regulations 1989</li> <li>- Environmental Quality (Sewage And Industrial Effluents) Regulations 1979 - P.U. (A) 12/79</li> <li>- Environmental Quality (Prescribed Premises) (Scheduled Wastes Treatment And Disposal Facilities) Order 1989 - P.U.(A) 140/89</li> </ul> </li> </ul>   |
| Mongolia            | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- The law on prohibition of import trans-boundary movement and export of hazardous wastes, 2000</li> <li>- The law on Municipal and industrial waste, 2003</li> </ul> </li> <li>◆ The Health Inspection Department of the State Professional Inspection Agency (SPIA) is responsible for environmental health control and monitoring in the country.<sup>v</sup></li> </ul>   |
| Myanmar             | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies: Not available</li> </ul>  |
| Philippines         | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies<sup>vi, vii</sup> <ul style="list-style-type: none"> <li>- Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (RA6969)</li> <li>- policy: The National Framework for Physical Planning (NFPP)</li> <li>- the Ecological Solid Waste Management Act of 2000 (RA9003)</li> <li>- Department Administrative Orders (DAO)</li> </ul> </li> </ul>  |

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|           | <ul style="list-style-type: none"> <li>- Implementing Rules and Regulations of RA 6969 (DAO 92-92), Interim Guidelines for the Importation of Recyclable Materials that Contain Hazardous Waste (DAO 94-28),</li> <li>- Chemical Control Orders (CCO) for ODS (DAO 2000-18)</li> <li>- Adoption of Ecological Solid waste Management System in the DENR (DMO 1993-02)</li> <li>- Adopting the Landfill Site Identification and Screening Criteria for Municipal Solid waste Disposal Facilities (DAO 1998-50)</li> <li>- Solid waste Disposal (DAO 1998-49)</li> <li>- Implementation of Ecological waste Management in the Department (DMO 1999-21)</li> <li>- Amendments to the Rules and Regulations of the National Pollution Control Commission (1978) Incorporating Permit Regulations Governing Mine waste and Mill Tailings Storage Structures (DAO 2000-101)</li> <li>- Proper Accounting of waste Material (DMC 2002-10)</li> </ul> |
| Singapore | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies <ul style="list-style-type: none"> <li>- Environmental Public Health (Toxic Industrial Waste) Regulations, Reg 11</li> <li>- Environmental Public Health (General Waste Collection) Regulations, Reg 12</li> <li>- Hazardous Waste (Control of Export, Import and Transit) Act, Cap. 122A</li> </ul> </li> </ul>   |
| Thailand  | <ul style="list-style-type: none"> <li>◆ Law, Legislation and Policies<sup>viii</sup> <ul style="list-style-type: none"> <li>- 3R: Reduce, Reuse, Recycle</li> <li>- Public Participation in Construction of Waste Disposal System</li> <li>- Solid Waste Facility Clustering</li> <li>- Domestic Waste Minimization &amp; Utilization from Municipalities</li> <li>- Aluminum Recycling for Prosthesis</li> <li>- Municipal Waste Management; Manual for Local Administration</li> <li>- Minimization of Paper Usage and the Utilization of Paper Waste from Office</li> <li>- Environmental Problems from Solid Waste</li> </ul> </li> </ul>  |
| Vietnam   | <ul style="list-style-type: none"> <li>◆ National Expert Consultation Meeting for the Formulation of National 3R Strategy for Viet Nam on 19, May, 2008 in Hanoi, Vietnam and it was organized by UNCRD and Ministry of National Expert Consultation Meeting for the Formulation of National 3R Strategy for Viet Nam and Institute for Strategy and Policy for Natural Resources and Environment (ISPONRE) with over 80 experts and stakeholders including relevant ministries and local government, etc.<sup>ix</sup></li> <li>◆ Law, Legislation and Policies: Not available</li> </ul>  |

<sup>i</sup> [http://www.wpro.who.int/NR/rdonlyres/AE91F862-BFFE-4FED-806D-34F7202FFD13/0/indonesia\\_ehcp\\_19Nov2004.pdf](http://www.wpro.who.int/NR/rdonlyres/AE91F862-BFFE-4FED-806D-34F7202FFD13/0/indonesia_ehcp_19Nov2004.pdf)

<sup>ii</sup> <http://www.env.go.jp/en/laws>

<sup>iii</sup> [http://www.wpro.who.int/NR/rdonlyres/AD60AB15-ACBD-4167-9310-3FD9F82FEB05/0/KOREHCPEHDS\\_TheLast\\_.pdf](http://www.wpro.who.int/NR/rdonlyres/AD60AB15-ACBD-4167-9310-3FD9F82FEB05/0/KOREHCPEHDS_TheLast_.pdf)

<sup>iv</sup> 2<sup>nd</sup> Waste TWG meeting, Siem reap, Cambodia, 2-3 Dec. 2008

<sup>v</sup> <http://www.wpro.who.int/NR/rdonlyres/396CE585-36EC-437C-9D1E-54B8E2FC15B1/0/MongoliaEHCP14205.pdf>

<sup>vi</sup> <http://www.un.org/esa/agenda21/natinfo/countr/philipi/sanitation2004.pdf>

<sup>vii</sup> <http://www.denr.gov.ph/section-policies/result.php>

<sup>viii</sup> [http://www.pcd.go.th/info\\_serv/en\\_waste.html](http://www.pcd.go.th/info_serv/en_waste.html)

<sup>ix</sup> <http://www.uncrd.or.jp/env/spc>