

Asia 3R Conference — Annotated agenda
30 October – 1 November 2006 (Tentative as of 31 October 2006)

Monday 30 October

8:30 – 9:30 Registration

9:30 – 10:00 Opening Session

Opening Remarks

Mr. Masatoshi Wakabayashi, Minister of the Environment, Japan

Background and Objectives of the Asia 3R Conference

- Based on Lessons Learnt in Japan -

Mr. Hideto Yoshida, Director-General, Waste Management and Recycling Department, Ministry of the Environment, Japan

Orientation on the Agenda of the Conference

Mr. Hiroaki Takiguchi, Head, Task Force for the 3R Initiative, Waste Management and Recycling Department, Ministry of the Environment, Japan

Aims of the Conference

Many countries in Asia face problems associated with the increasing amount and varieties of waste. Also, recyclables, including waste, move regionally beyond national borders in Asia. To respond to the problems mentioned above, how should we promote the 3Rs in Asia? What kind of collaboration is necessary?

10:00 – Plenary Session 1 **Priorities and practices of the 3Rs in Asia**
10:50

Keynote Speech Establishing a Sound Material Cycle Society in Asia (20 min.)

*Dr. Yuichi Moriguchi, National Institute for
Environmental Studies (NIES), Japan*

Environmentally Sound Waste Management in Asia (20
min.)

Prof. C. Visvanathan, Asian Institute of Technology (AIT)

Q & A (10 min.)

10:50 – Break
11:00

11:00 – Activities of
12:30 International
Organizations
and Aid Agencies

Promotion of the 3Rs by UNEP/IETC (10 min.)

*Dr. Per Bakken, Director, United Nations Environmental
Programme (UNEP) / International Environmental
Technology Centre (IETC)*

UNEP Regional Cooperation on 3R (10 min.)

*Mr. Hiroshi Nishimiya, Deputy Regional Director, United
Nations Environmental Programme (UNEP)/ Regional
Office for Asia and the Pacific (ROAP)*

Activities by UNCRD (10 min.)

*Mr. Kazunobu Onogawa, Director, United Nations
Centre for Regional Development (UNCRD)*

UNESCAP's Activities for the 3Rs (10 min.)

*Mr. Masakazu Ichimura, United Nations Economic and
Social Commission for Asia and the Pacific (UNESCAP)*

ADB's Activities for the 3Rs (10 min.)

Mr. Takashi Ohmura, Asia Development Bank (ADB)

JICA's Cooperation for the 3Rs (10 min.)

*Ms. Kyoko Okubo, Team Director, Global Environment
Department. Japan International Cooperation Agency)*

Q&A and Discussion (40 min.)

Discussion Points:

What kinds of projects and activities are being prepared or implemented by international organizations and aid agencies? How can Asian countries be involved in these projects and activities?

12:30 – Lunch
14:00

14:00 – **Working Group Session One**
15:30 Working Group 1: Partnership and International Cooperation for the Promotion of the 3Rs
Working Group 2: Medical Waste Management

14:00 – **Working Group 1 Partnership and International Cooperation for the Promotion of the 3Rs**
15:30
3R Implementation in Indonesia (10 min.)
Mr. Mohammad Helmy and Mr. Tulus Laksono, Ministry of Environment, Indonesia

3R in India (10 min.)
Dr. Lakshimi Raghupathy, Additional Director, Ministry of Environment and Forest, India

Initiatives for Recycling and Reuse of Municipal Solid Waste in India (10 min.)
Dr. R. C. Trivedi, Additional Director, Central Pollution Control Board, Ministry of Environment and Forest, India

An Innovative Partnership Initiative among Stakeholders to Promote the 3R Concept in South Asia (10 min.)

*Dr. A. A. Boaz, Director-General, South Asia
Co-operative Environment Programme (SACEP)*

Waste Management in Nagoya (10 min.)

*Mr. Fumitaka Kito, Director-General, Waste Reduction
Department, City of Nagoya, Japan*

Citizens' international cooperation for promoting the 3Rs
(10 min.)

Asia Waste Watch (Asia Gomi Mondai Kenkyukai)

Discussion (30 min.)

Discussion Points:

For the promotion of the 3Rs, what kinds of activities are implemented by stakeholders such as state, local government, businesses and NGOs? To develop partnerships between stakeholders, what kinds of issues have to be taken into consideration? For stakeholder collaboration in the 3Rs, how should the informal sector be involved?

14:00 – Working Group 2 **Medical Waste Management**
15:30

Medical Waste Management Issues in Asia (20 min.)

Prof. C. Visvanathan, AIT

Doctors' Efforts Toward Appropriate Medical Waste
Management (15 min.)

*Mr. Satoshi Imamura, Executive Board Member,
Japan Medical Association*

China's Circular Economy: Treatment of Medical Wastes
(15 min.)

Dr. Zhou Guomei, Director of Environment and

*Economy Division, Policy Research Center, State
Environmental Protection Administration, China*

Hospital Waste Management Issues and Steps Taken by
the Government of Pakistan (15 min.)

*Mr. Jawed Ali Khan, Director, Ministry of Environment,
Pakistan*

Discussion (25 min.)

Discussion Points:

*What kinds of practices are implemented for medical
waste management? What waste problems did countries
face from SARS and bird (avian) influenza outbreaks and
how did countries overcome? What are the key issues
for greater collaboration between waste management
authorities, health and welfare authorities, and hospitals?*

15:30 – Coffee Break
16:00

16:00 – Working Group Session Two
17:30

16:00 – Working Group 1 **Partnership and International Cooperation for the
17:30 **Promotion of the 3Rs****

Japan's international cooperation for the 3Rs in Asia (10
min.)

*Mr. Hidetoshi Kimura, Director, Policy Planning Division,
Waste Management and Recycling Department,
Ministry of the Environment, Japan*

Waste Management in Lao PDR (10 min.)

*Mr. Thevarack PHONEKEO, Deputy Chief of
International Cooperation Division, Science Technology
and Environment Agency, Lao PDR*

Current Status of Waste Management in Cambodia (10 min.)

*Mr. Sarun Sambo, Chief, Office of Solid Waste and Hazardous Substance Management,
Department of Environmental Pollution Control,
Ministry of Environment*

International Protocols on waste Characterization and Life Cycle analysis for 3R Initiatives (10 min.)

*Prof. Benedict Francis Antony Basnayake,
University of Peradeniya, Sri Lanka*

Fuji Xerox International Resource Recycling System in Asia-pacific region (10 min.)

*Mr. Tomio Watanabe, Senior Staff Manager,
Fuji Xerox Co., Ltd.*

Discussion (40 min.)

Discussion Points:

What kind of international collaboration is possible for the promotion of the 3Rs?

Can the transfer of second-hand equipment contribute to environmentally sound management of emergent waste issues?

How can private companies support international recycling networks?

What are the policy concerns and possible responses regarding international recycling networks?

16:00 –
17:30

Working Group 2

Medical Waste Management

Treatment and Disposal Technologies for Medical Waste in Developing Countries (20 min.)

Dr. Mohd Nasir Hassan, Environmental Engineer,

Cambodia Office, World Health Organization (WHO)

Status and Challenges of Medical Waste Management in Korea (15 min.)

Dr. Gil Jong Oh, Director, Resource Recirculation Division, Environmental Diagnostics Research Department, National Institute of Environmental Research, Republic of Korea

Discussion (55 min.)

Discussion Points:

What kinds of practices are implemented for medical waste management in each country? What types of information and experiences, including best practices and failures, should be shared among countries? For the future promotion of medical waste management in Asia, what sort of international collaboration is expected?

17:30 Close

18:00 – Reception Welcoming Remarks
19:30 *Ms. Shinako Tsuchiya, Senior Vice-Minister of the Environment, Japan*

Tuesday 31 October

9:30 – Working Group Session Three
11:30 Working Group 3: Municipal Organic Waste Management
Working Group 4: Electronic and Electrical Wastes (E-Waste) Management

9:30 – Working Group 3 Municipal Organic Waste Management

11:30

3Rs for Municipal Organic Waste (20 min.)

Prof. Masanobu Ishikawa, Kobe University

Solid Waste Management in the Maldives (15 min.)

*Mr. Ahmed Murthaza, Project Officer, Regional
Environmental Cooperation Division, Environmental
Research Centre, Maldives*

Separation and Recovery of Municipal Organic Waste
and Recycled to Organic Fertilizer (15 min.)

*Mr. Ana. B Cabatbat, Science Research Specialist,
Environmental Management Bureau, Department of
Environment and Natural Resources, Philippines*

Solid Waste Management in Bhutan (15 min.)

*Mr. Nado Rinchen, Deputy Minister, National
Environment Commission, Bhutan*

Integrated Solid Waste Management in Singapore (15
min.)

*Mr. Ong Seng Eng, Head, Resource Conservation
Department, National Environment Agency, Singapore*

Community-Based Solid Waste Management Through
Public-Private Community Partnership – Experience of
Waste Concern - (15 min.)

*Mr. Iftekhar Enayetullah, Director, Waste Concern,
Bangladesh*

Discussion (25 min.)

Discussion Points:

*What kinds of municipal organic waste are generated in
each country? How is municipal organic waste
recovered, transported, processed, and disposed of? Is
waste separation taking place? What are the problems
to be overcome for the reduction and recycling of
municipal organic waste? What experiences would be
useful to share among stakeholders?*

9:30 –
11:30

Working Group 4 E-Waste Management

E-Waste Issues in Asia (15 min.)

*Dr. Atsushi Terazono, National Institute for
Environmental Studies (NIES), Japan)*

Introduction of the Overall Progress of the Asia-Pacific
E-waste Project (10 min.)

Secretariat of the Basel Convention

Development of Regional Technical Guidelines for
E-waste Inventory and ESM 5R of E-waste (15 min.)

*Mr. Aboejoewono Aboeprajitno, Director, the Basel
Convention Regional Centre in Indonesia*

Standards System of Waste Products Recovery in China
(10 min.)

*Ms. Lin Ling, Deputy Professor, and Ms. Zhang Xin,
Engineer, China National Institute of Standardization,
China*

International Recycling Network of Mobile Phone in Asia
Region (10 min.)

*Mr. Masayuki Naka, Senior Manager, Strategic
Planning Department, Dowa Eco-System Co., Ltd.*

Discussion (30 min.)

Discussion Points:

What types of E-waste are generated in each country?

What are the problems associated with E-waste?

Progress of the E-waste Project of the Basel Convention.

*On what kind of issues should the aforementioned
project focus?*

*How should private companies be involved in
international cooperation for E-waste management?*

11:30 – Side Event
12:00

Theme: Potential for "Johkasoh" (Private Wastewater
Treatment Tank) in Asia

Domestic Wastewater Treatment by Johkasou Systems
In Japan (10 min.)

*Mr. Hiroshi Ogawa, Japan Education Center of
Environmental Sanitation, Japan*

Precondition and Prospect for the Development of
Johkasoh in Asia (10 min.)

*Mr. Kazuaki Mori, General Manager Planning,
Overseas Environmental Cooperation Center, Japan*

Q&A (10 min.)

12:00 – Lunch
13:30

13:30 – Working Group Session Four
15:30

13:30 – Working Group 3 Municipal Organic Waste Management
15:30

Bio-Energy Recovery Challenge (20 min.)

Prof. Shinichi Sakai, Kyoto University

Household Waste Composting and Recycling of
Municipal Organic Waste in Sri Lanka (15 min.)

*Mr. H. S. Premachandra, Assistant Director, Central
Environment Authority, Sri Lanka*

Foodwaste Minimization and Recycling (FMR) in Korea
(15 min.)

*Mr. Joon Ki Kim, Deputy Director, Municipal Waste
Management Division, Ministry of Environment,
Republic of Korea*

Waste Management Initiatives and Challenges of Nepal
(15 min.)

*Dr. Chhewang N. Lama, Agricultural Officer, Ministry of
Environment, Science and technology, Nepal*

Solid Waste Management In Negara Brunei Darussalam
(15 min.)

*Mr. Haji Mohd Noor Haji Salleh, Environment Officer,
Department of Environment, Parks and Recreation,
Ministry of Development, Brunei Darussalam*

Discussion (40 min.)

<i>Discussion points:</i>

*What kinds of recycling of municipal organic waste are implemented in each country? What are the issues and possible solutions to these issues?
Best practices and failures in recovery of bio-energy from municipal organic waste. To promote synergy with global environmental issues, how should municipal organic waste be treated as a resource?*

13:30 – Working Group 4 E-waste Management
15:30

International Material Cycle and Review of the Home Appliance Recycling Law (20 min.)

Prof. Eiji Hosoda, Keio University

Policy Direction on E-Waste Recycling in Korea (15 min.)

Dr. Il Ho Park, Director, Resource Recycling Division, Ministry of Environment, Republic of Korea

China's Circular Economy: Treatment of E-Waste (15 min.)

Dr. Zhou Guomei, Director of Environment and Economy Division, Policy Research Center, State Environmental Protection Administration, China

E-waste Management: Thailand Experience (15 min.)

Mr. Charuek Hengrasamee, President, Electrical and Electronics Institute, Thailand

Discussion points for the internationally-harmonized EPR systems (15 min.)

Institute of Global Environmental Strategies (IGES) and UNESCAP

Discussion (40 min.)

Discussion points:

*What kinds of measures are introduced for E-waste management in each country? What mechanism exists especially for the recycling of electronic home appliances?
What are the achievements and problems of such mechanisms? What kind of international collaboration is possible to solve trans-boundary issues of E-waste?
How should EPR principles be applied to the situation of increasing trans-boundary movement of products?*

15:30 – Coffee Break
16:00

16:00 – Plenary Session 2
17:30

Report from the chairs of the working groups

Working Group 1 (10 min.)

Working Group 2 (10 min.)

Working Group 3 (10 min.)

Working Group 4 (10 min.)

Discussion (50 min.)

*Discussion Points:
Based on the reports from the working groups, what should we do?*

17:30 Close

Wednesday 1 November

9:30 – 11:50	Plenary Session 3	Promotion of the 3Rs in Asia from the present onwards Discussion on Chair's Summary (110 min.) Report from Japan's National Conference on Environmental Sanitation "Challenges for the 3Rs in Asia" (20 min.) <i>Prof. Masaru Tanaka, Okayama University</i> Comments from Observers (G8 countries) (10 min.) Comments from NGOs (10 min.)
11:50- 12:00	Close	Closing Remarks <i>Mr. Tomokatsu Kitagawa, Parliament Secretary of the Environment, Japan</i>
12:00 – 13:00	Lunch	
Afternoon		Excursion (optional) (Tokyo Waterfront Recycle Power Co. Ltd.)

Note: Asian Development Bank and UNEP plan to hold an internal working group on the 3R Knowledge Hub on the afternoon of 1 November.