

Japan's International Cooperation for the 3Rs in Asia

Hidetoshi Kimura

Director, Policy Planning Division,
Waste Management and Recycling Department
Ministry of the Environment, Japan

Development of the 3R Initiative

- 2004 • G8 Sea Island Summit (USA)
“3R” Action Plan and the Progress of Implementation
- 2005 • Ministerial Conference on the 3R Initiative (Tokyo)
• G8 Gleneagles Summit (UK)
- 2006 • Senior Officials Meeting on the 3R Initiative (Tokyo)
• G8 Saint Petersburg Summit (Russia)
• **Asia 3R Conference (Tokyo)**
- 2007 • G8 Summit (Germany)
- 2008 • G8 Summit (Japan)

Goals of the 3R Initiative

1. Strengthening of domestic policies to implement the 3Rs
2. Reduction of trade barriers against the international flow of goods and materials
3. Cooperation between developed and developing countries
4. Cooperation among various stakeholders
5. Promotion of science and technology suitable for the 3Rs

(Source) G8 Action Plan on Science and Technology for Sustainable Development: “3R” Action Plan and the Progress of its Implementation (June, 2004)

Japan's Action Plan for Developing Global Zero Waste Society

Realization of Zero Waste in Japan

- Review of the Fundamental Plan for Establishing a SMC Society
- Review of 3R-relevant policy

Support to Developing Countries for Developing Zero Waste Society

- Assistance to capacity building of developing countries

Collaborative Efforts toward Global Zero Waste Society

- Organizing an official-level meeting for 3R Initiative follow-up
- Development of 3R-relevant policy towards zero waste
- Knowledge and Technology Development in Asia towards zero emissions
- Enhancement of actions toward zero waste through information sharing and networking

3Rs for Asia

Issues

Increase of waste generation and diversification of waste characteristics

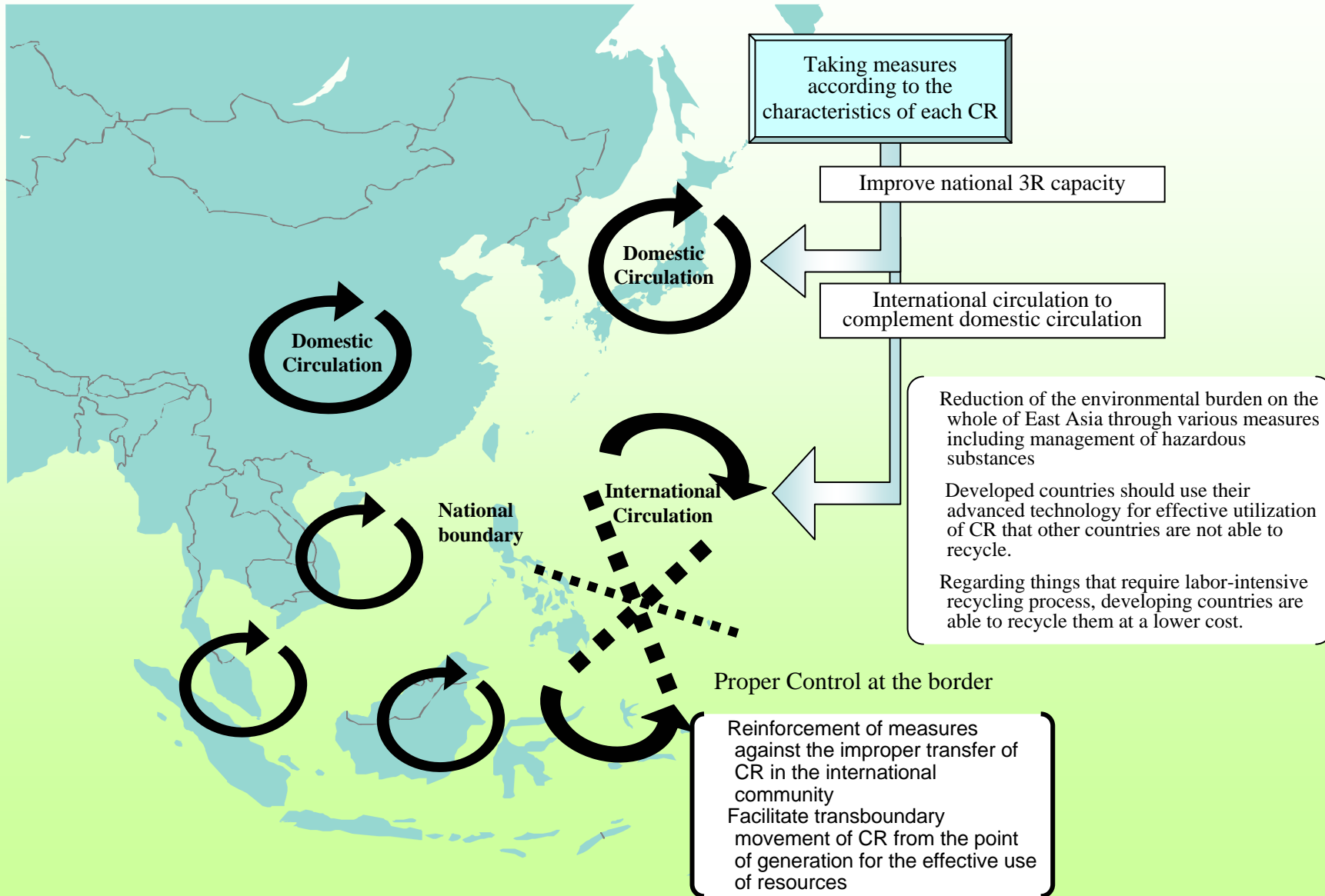
Increase in trans-boundary movement of recyclable resources

Higher price of resources

Approach

Promotion of the **3Rs (Reduce, Reuse and Recycle)** and Environmentally Sound Management of Waste
More efficient use of products and resources and reduction of environmental impact

Image of the East Asia 3R Vision



Realization of Zero Waste in Japan

Legislative Framework

Fundamental Environmental Law

Fundamental Law for Establishing a Sound Material-Cycle Society

(Establishment of General Systems)

Waste Management and Public Cleansing Law

Law for Promotion of Effective Utilization of Resources

(Regulations according to the Characteristics of Individual Items)

Container and Packaging

Home Appliances

Construction Materials

Food Wastes

End-of-life Vehicles

Law on Promoting Green Purchasing

International Cooperation stated in the Law and National Strategy

- ◆ Fundamental Law for Establishing a Sound- Material Cycle Society
 - Article 31 (Measures for International Cooperation)

The State shall take necessary measures to promote international mutual cooperation on the establishment of a sound material-cycle society, including securing international cooperation on the recycling and disposal of recyclable resources, in view of the importance of establishing a sound material-cycle society under the international cooperation.
- ◆ Strategic Scheme for Economic Growth (decided by the Government and the Governing Coalition)

Development of environmental cooperation through 3R technologies and systems

Policy Package and Actors for International Cooperation

Policy Package

- Policy dialogue
- Information sharing
 - Gathering statistics
- Capacity development
- Technology cooperation
- Partnership with int'l organizations

Actors

- National Government
 - MOE, METI, MOFA etc.
- JICA, AOTS etc.
- JBIC
- Int'l Organizations
 - UNEP, UNCRD, UNESCAP, ADB etc.
- Local Government
- Research Institute
- Private Companies

Cooperation with Developing Countries for Promoting the 3Rs

1. Capacity development and technology cooperation through JICA schemes
 - Training courses for solid waste management and the 3Rs
 - 3Rs related case studies and projects

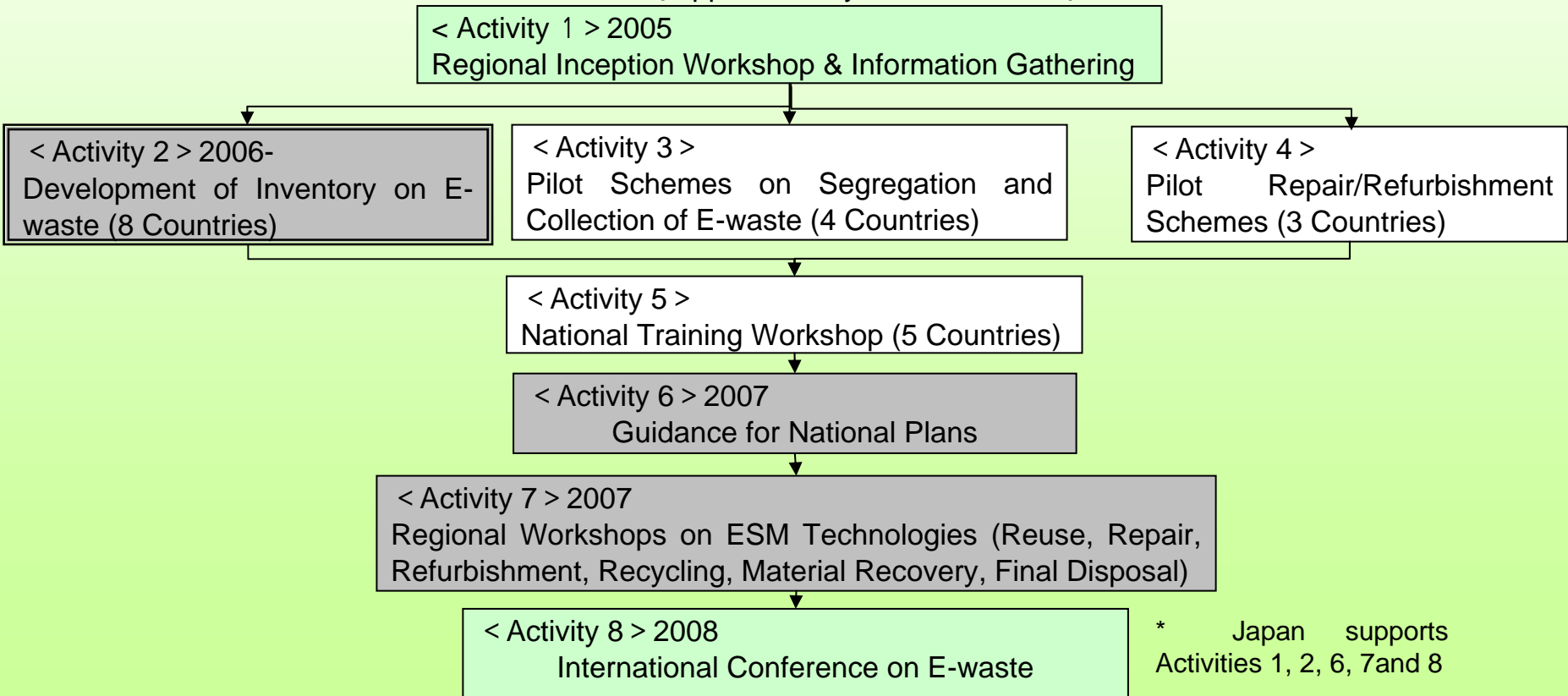
2. Supporting the formulation of a national 3R strategy
 - Leading cases in Vietnam and Indonesia as cooperation with UNCRD, UNEP, ADB and IGES

Policy Dialogues at a Bilateral, Sub-regional and Regional level

	Regional	Sub-regional	Bilateral
<p>Waste Management</p> <p style="text-align: center;">↑ ↓</p> <p>Resource Circulation</p>	<p>E-waste project under the Basel Convention</p> <p>Asian Network for Prevention of Illegal Transboundary Movement of Hazardous Wastes</p>	<p>Tripartite Environment Ministers Meeting, between China, Japan and Korea</p>	<p>Japan-Singapore Partnership (MOE)</p> <p>Japan-Korea Policy Dialogue (MOE)</p> <p>Japan-China Policy Dialogue (METI)</p>

Project on Environmentally Sound Management of E-waste for Asia and Pacific Region

1. Outline	For promoting environmentally sound management of E-waste in the Asia and Pacific region, the Project, proposed by the Secretariat of the Basel Convention, includes pilot schemes, capacity development of contracting parties, and enhancement of public and private partnership.
2. Participating country/region	Cambodia, China, Hong Kong, India, Indonesia, Malaysia, Papua New Guinea, The Philippines, Singapore, South Korea, Sri Lanka, Thailand, Vietnam, Japan (13)
3. Period	2005 - 2008
4. Budget	Total US\$4,159,000 (Approximately JPY450 million)



* Japan supports Activities 1, 2, 6, 7 and 8

Actions against Illegal Import/Export

Workshop for Prevention of Illegal Transboundary Movement of Hazardous Wastes



1st Dec. 7-8, 2004 (Tokyo)
2nd Nov. 23, 2005 (Tokyo)

Web page for the Officials in Charge of Implementation of Basel Convention in Asia



Information Exchange

- Workshops for the officials in charge of implementation of Basel Convention
- Management of the web page providing information about relevant laws and regulation of participating countries
- Discussion on tools to manage environmentally sound import/export



(Boards plotted for export by being mixed with other cargo)

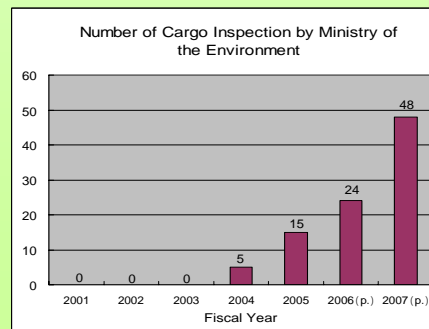


(Outdoor AC unit for reuse)

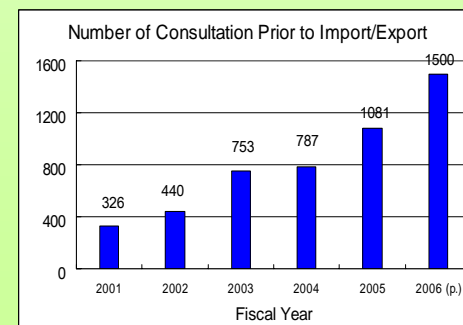
Enhancement of National Monitoring System

To assure environmentally sound trade, consultation from exporters prior to export/import and cargo inspection in cooperation with custom officials are conducted

Cargo Inspection



Consultation from Exporters



Sub-regional Cooperation for Promoting the 3Rs



- The Tripartite Environment Ministers Meeting, between China, Japan and Korea (TEMM)
- The TEMM Symposium on Circular Economy
- TEMM Sound material-cycle society/
Circular economy/ 3R Seminar

Bilateral Cooperation for Promoting the 3Rs



- The 1st Japan-Korea Policy Dialogue on Resource Recirculation and Waste Management
- The Japan-China Policy Dialogue on 3Rs was held between METI and NDRC
- The Japan-Singapore Collaboration on the 3R Initiative has been launched.

Next Stage for the Promotion of the 3Rs in Asia

For further promotion of the 3Rs in Asia, Japan will contribute to

- The Thematic Working Group on solid and hazardous waste under the Ministerial Regional Forum on Environment and Health in Southeast and East Asian Countries organized by UNEP and WHO
- 3R Knowledge Hub jointly established by the ADB, AIT, UNEP and UNESCAP