

Japan's future measures toward the construction of a Sound Material-cycle Society in the world

- To Realize The East Asia Sound Material-cycle Society Vision based on 3R concept -

Environmental pollution caused by improper treatment and disposal of wastes

Environmental pollution abroad through discarded electric and electronic appliances
Environmental pollution through land fill and open-air dumping

【E-Waste accumulation】



(Source: Committee member Kojima)

【Final disposal sites】

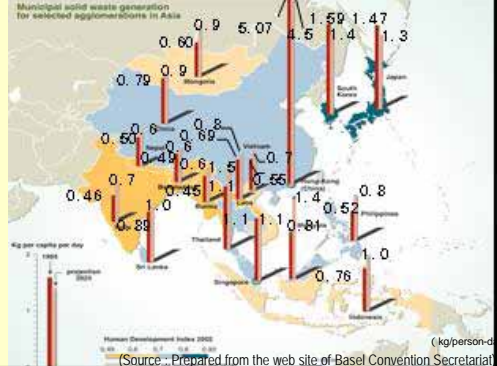


(Source : the Documents of the Ministry of Environment)

Increasing generation of wastes in developing countries

In developing countries, the waste generation will increase rapidly with their economic growth in the future

【Urban waste quantities generated per capita per day (in 1995) and their future prospects (in 2025)】

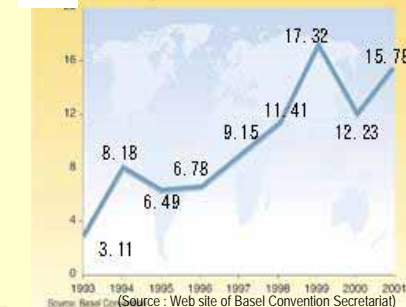


(Source : Prepared from the web site of Basel Convention Secretariat)

Increase in the transboundary movement of circulative resources

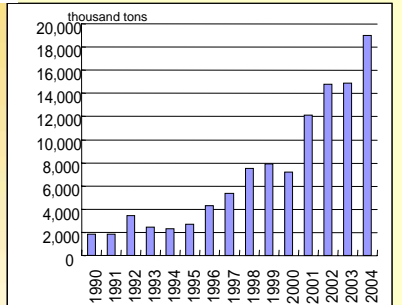
Increased quantity of international transfers of hazardous wastes
Increased quantity of circulative resources exported from Japan

【Trend of trans-border transfers of hazardous wastes】



(Source : Web site of Basel Convention Secretariat)

【Quantities of Circulative resources exported from Japan】

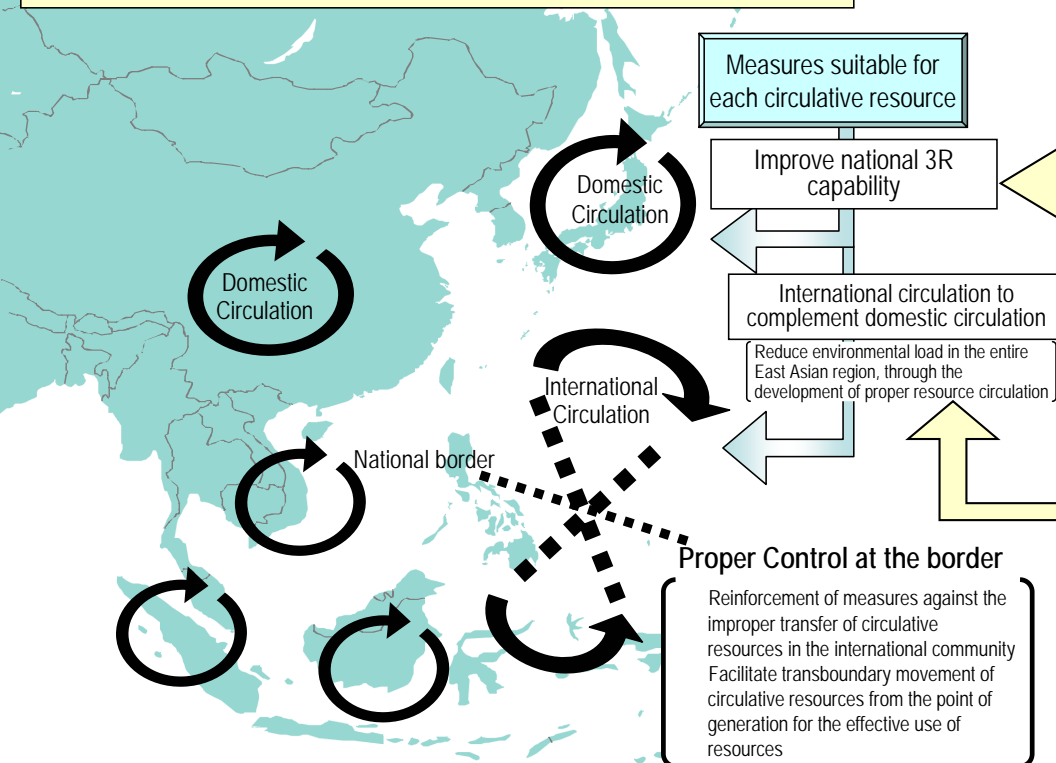


(Circulative resources include waste plastics and slugs, etc.)
(Source : Documents of sound-material cycle society planning division of the Central Environmental Council)

Need to ensure appropriate use and disposal of circulative resources from the generation point of the entire East Asian region

Promote the development of a Sound Material-cycle Society (SMS) in East Asia, lead by Japan

Images of The East Asia Sound Material-cycle Society Vision based on 3R concept



Share the past experiences of Japan with other countries

- Japan's past situation regarding waste management policies
- Development of legislative and regulatory systems
- Development of 3R technologies
- Promote regional measures through the cooperation of relevant parties

Realize the proper cyclical use and disposal of circulative resources within the East Asia region

- Implement policy dialogue and support the planning of 3R policies and systems
- Improve the capacity for the cyclical use /disposal of circulative resources
- Develop the foundation for knowledge and technology, such as a research network etc.

Develop and strengthen the measures to prevent illegal exports/imports of circulative resources

- Collect data of the status of transboundary movements of circulative resource and develop its analytical methods
- Clarify the regulated products in cooperation with international organizations and various foreign countries
- Improve the traceability of transboundary movements of circulative resource etc.

Facilitate the transboundary movements of circulative resources in a way that protects the environment

- Examine procedures to facilitate the exports/imports of circulative resources
- Start to develop a common Asian database of hazardous wastes etc.

【Gasification furnace】



【Improve developing countries' 3R capacity】



【Prevent the illegal exports/imports of circulative resources】



【A facility to recycle rare metals such as Indium】

