



# *Japan's experience in Waste Management & TBM*

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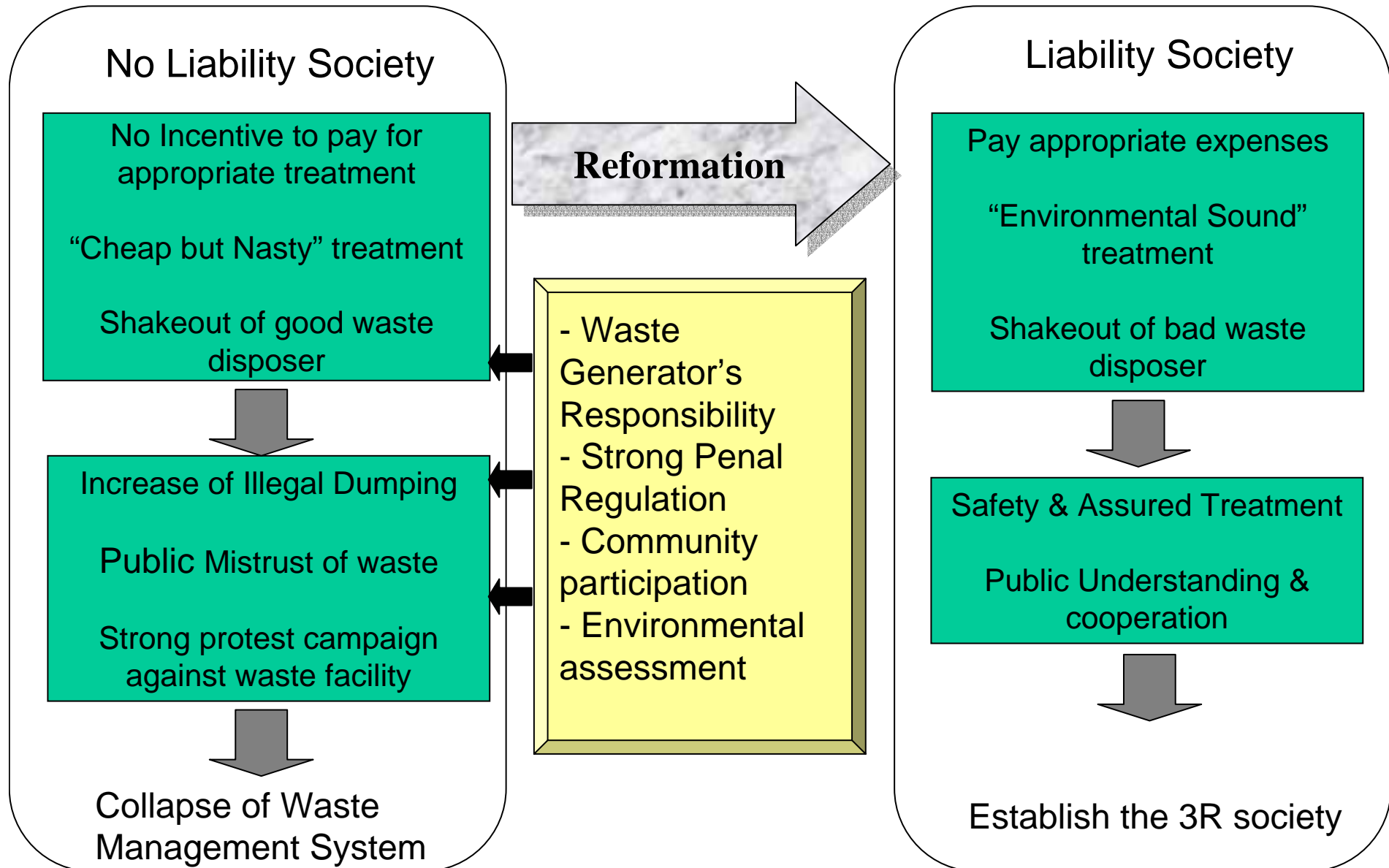
**Director-General**

**Department of Waste Management and Recycling**

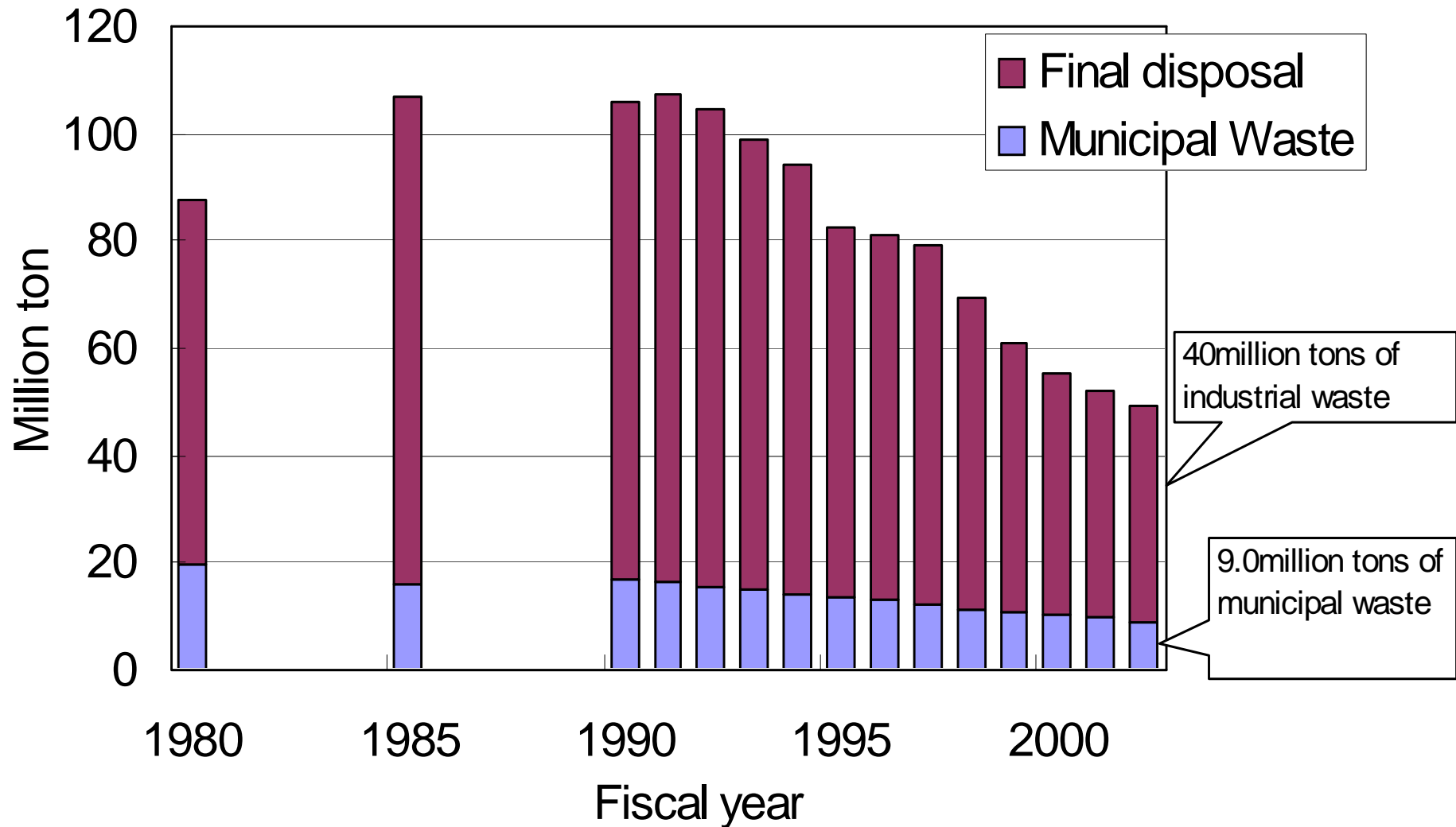
**Ministry of the Environment, Japan**



# Waste Reform Revolution

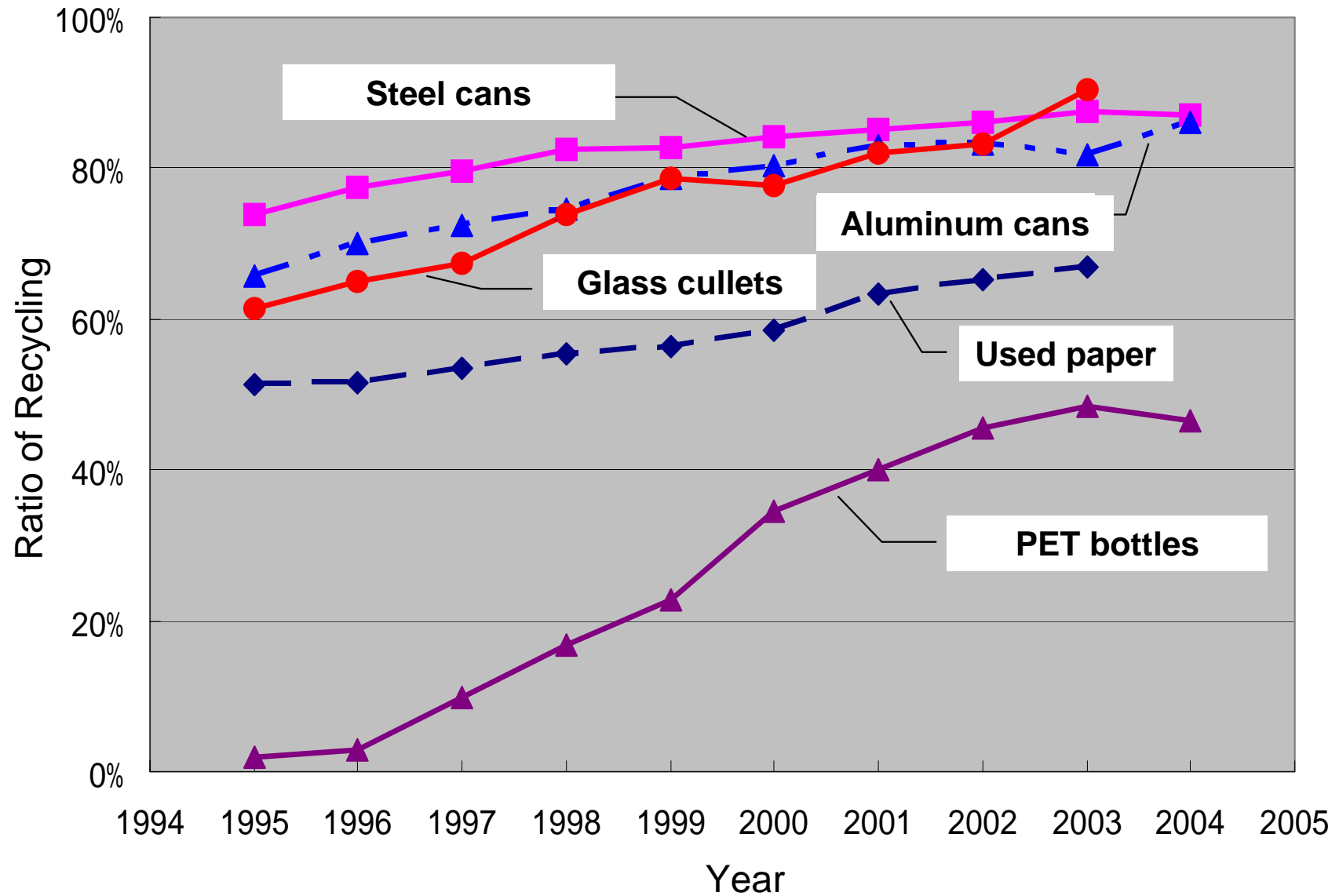


# Final Disposal

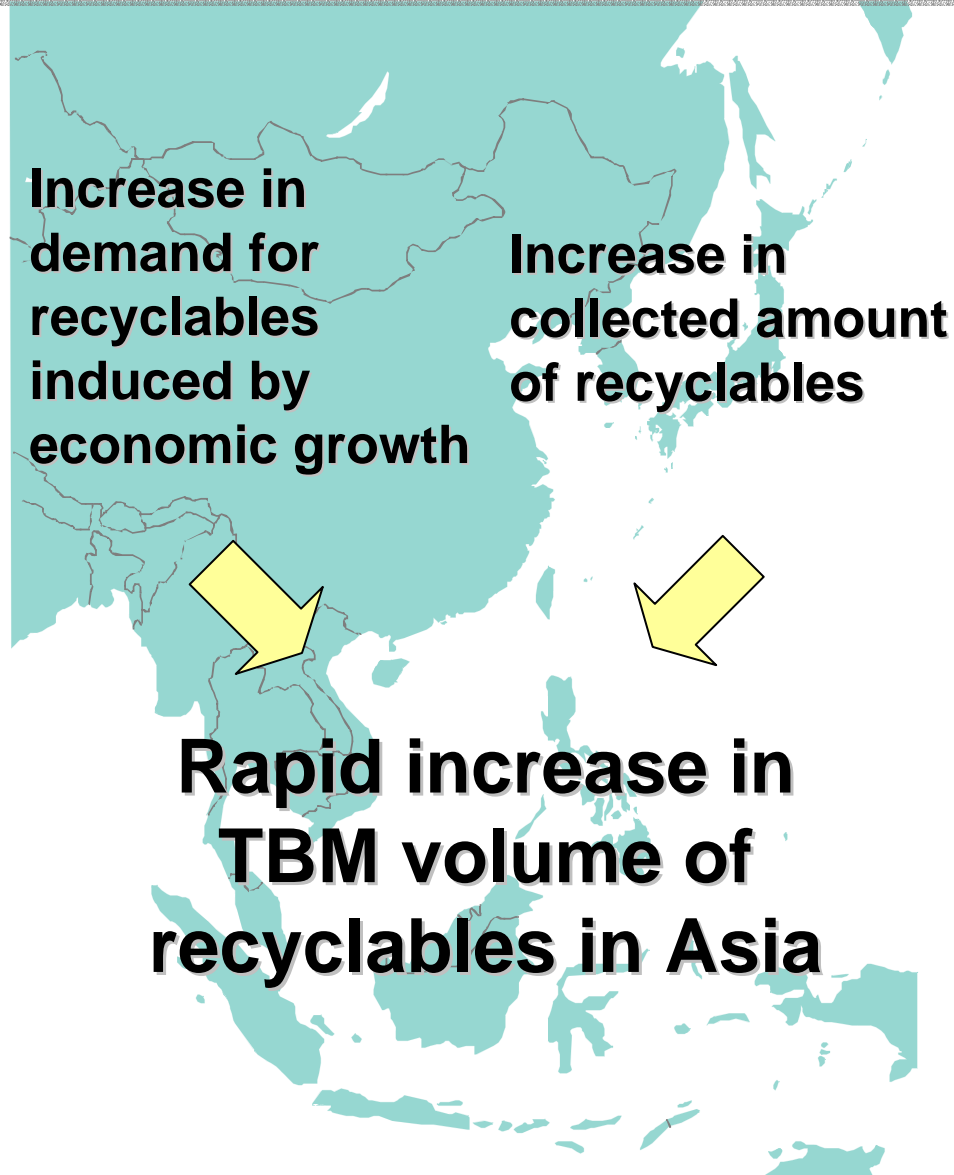


Change in Final Disposal Amount

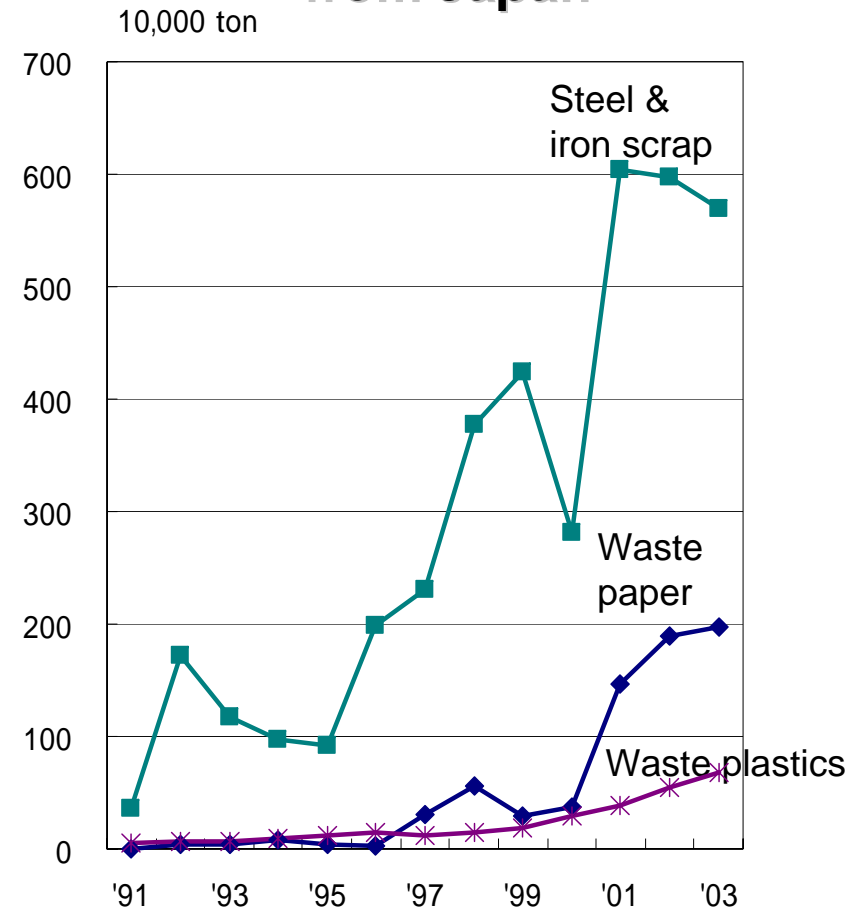
# Recycling Rates



# TBM of Recyclables from Japan



## Export of Recyclables from Japan



Source: Developed based on Ministry of Finance, Japan, Trade Statistics

# Incidental Aspects of TBM



- TBM of goods as;
  - mixed in recyclables
  - disguised as second-hand use



# Waste or Reuse?

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Waste?



Reuse?



# 3R Initiative



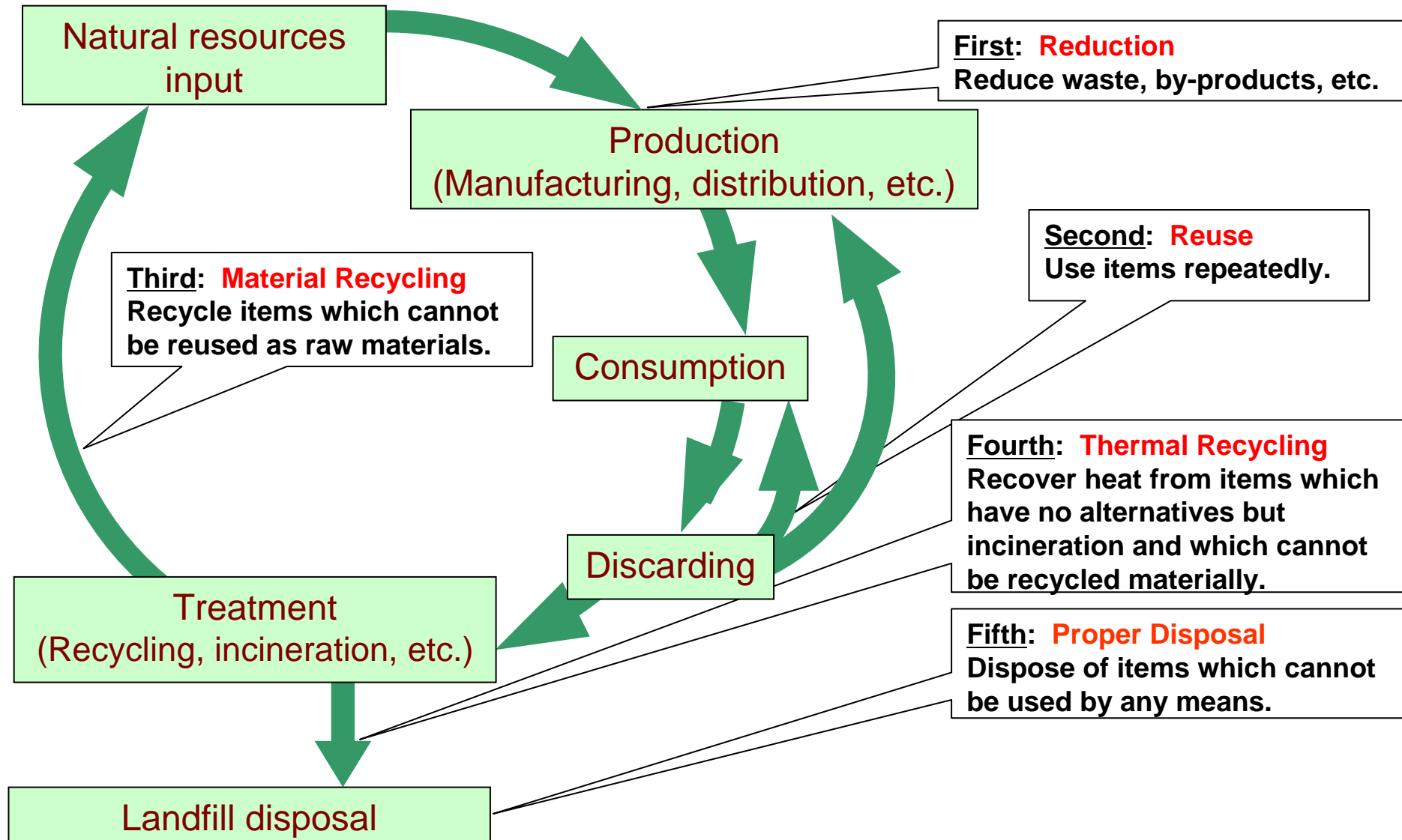
"3Rs" means

Reduce waste generation

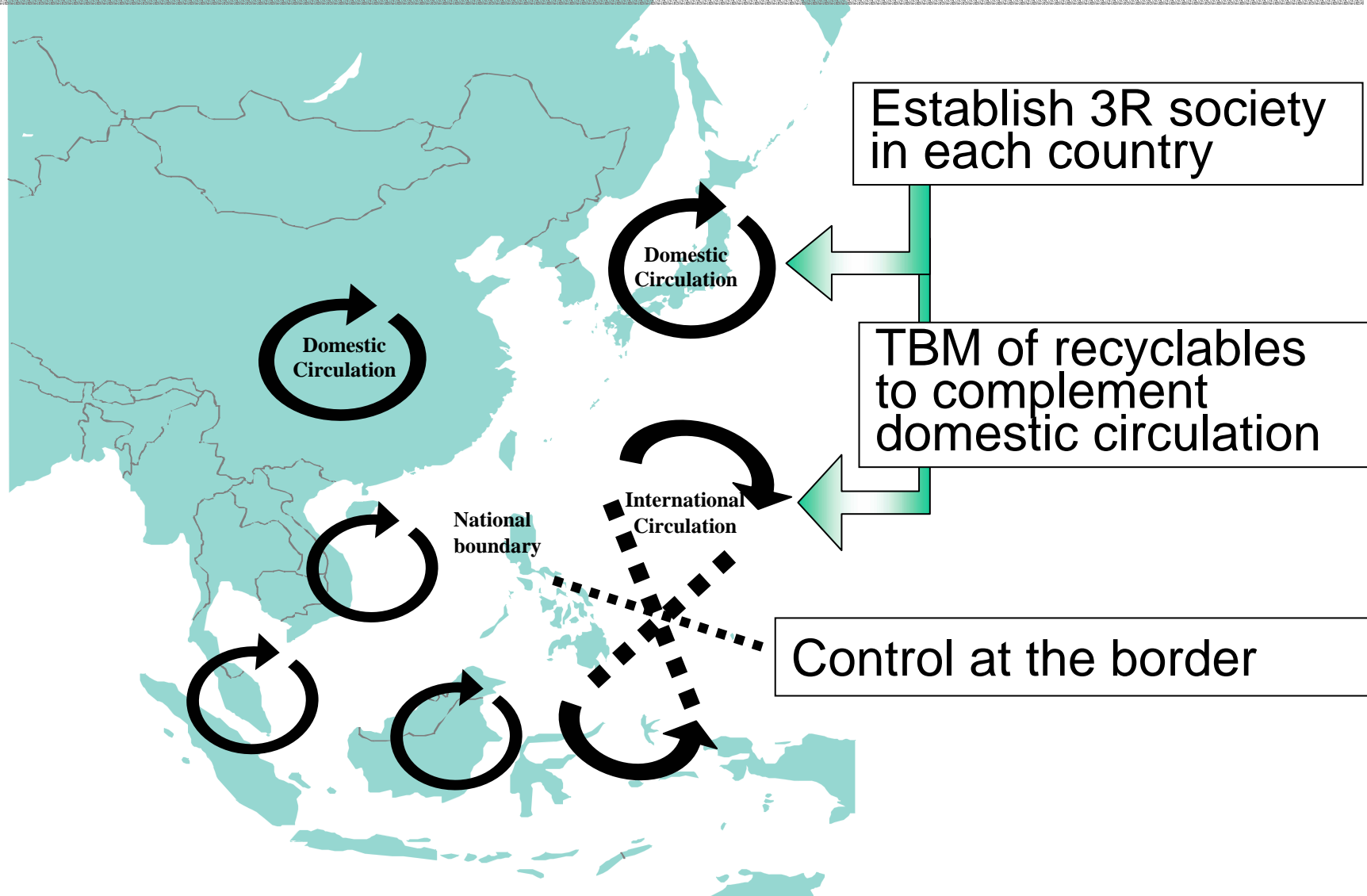
Reuse and Recycle products and  
resources

- 2004** • **G8 Sea Island Summit (USA)**  
**"3R" Action Plan and the Progress of Implementation**
- 2005** • **Ministerial Conference on the 3R Initiative (Tokyo)**
- 2006** • **Senior Officials' Meeting on the 3R Initiative (Tokyo)**  
• **Asia 3R Conference (Tokyo)**

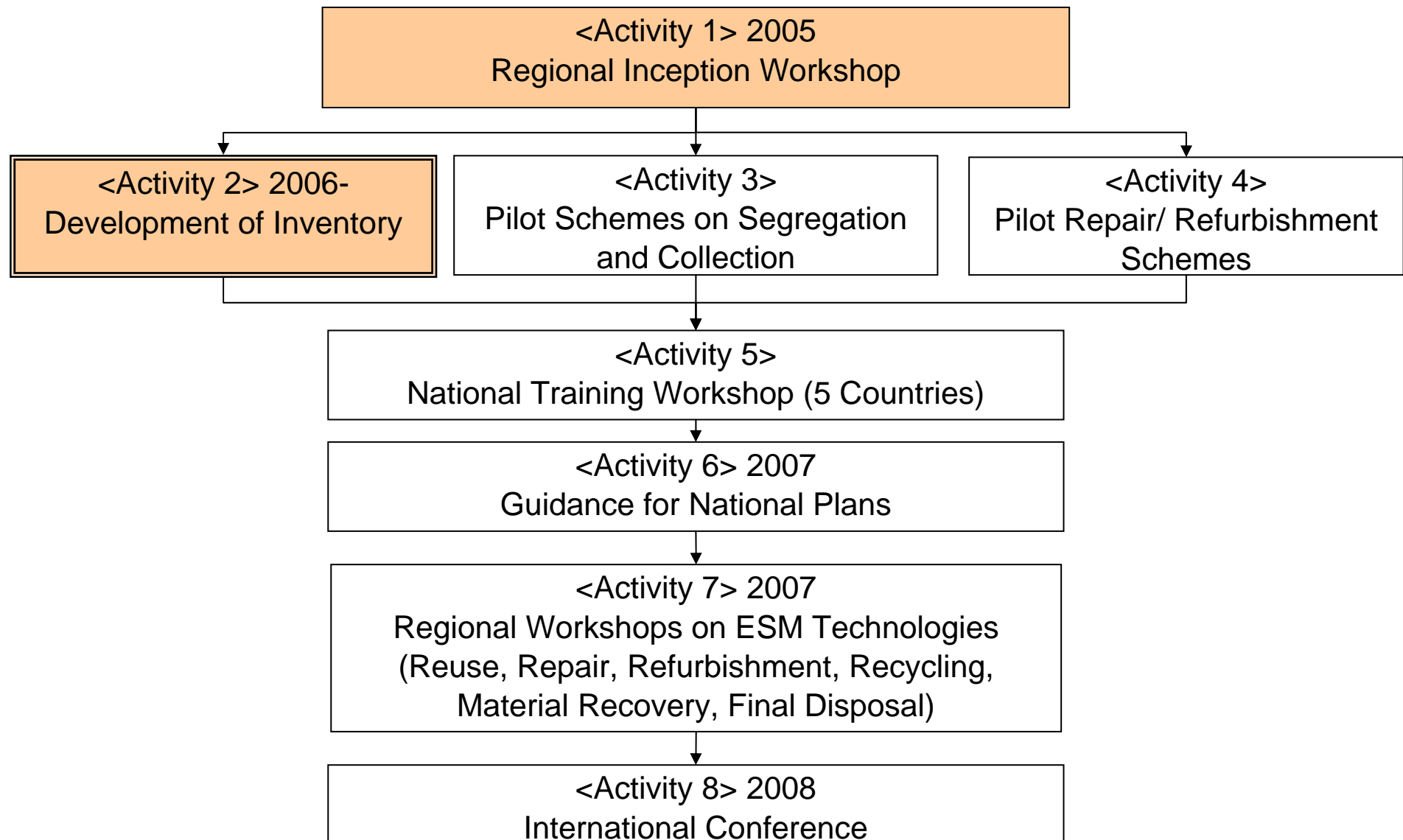
# Concept of 3R



# 3R and TBM



# Basel E-Waste project



# Int'l Mobile Phone Recycling



With the support of the Secretariat of the Basel Convention and three Asian countries (Singapore, Malaysia, and Thailand), Dowa Eco-system Co. Ltd. Try to establish an international network to collect and transfer used mobile phones at each country to Japan for resource recovery



## <OUTLINE>

- Area : Singapore, Malaysia, Thailand
- Duration: Nov. 2006 – Mar. 2008
- Budget; Around USD 10,000)  
(Full Supported by DOWA)
- Plan
  - Investigation of Collection Scheme in each country
  - Pilot Project for transfer and resource recovery



# Japan's Action Plan



## Realization of Zero Waste in Japan

- Fundamental Plan for Establishing SMC Society
- 3R-relevant policy

## Support Developing Countries

- Assistance to capacity building of developing countries

## Efforts toward Global Zero Waste Society

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



# Conclusion

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- ◆ Japan is promoting 3R initiative domestically and internationally.
- ◆ Appropriate border control is essential in establishing 3R society in region level.
- ◆ Asia countries work together to prevent illegal transboundary movement