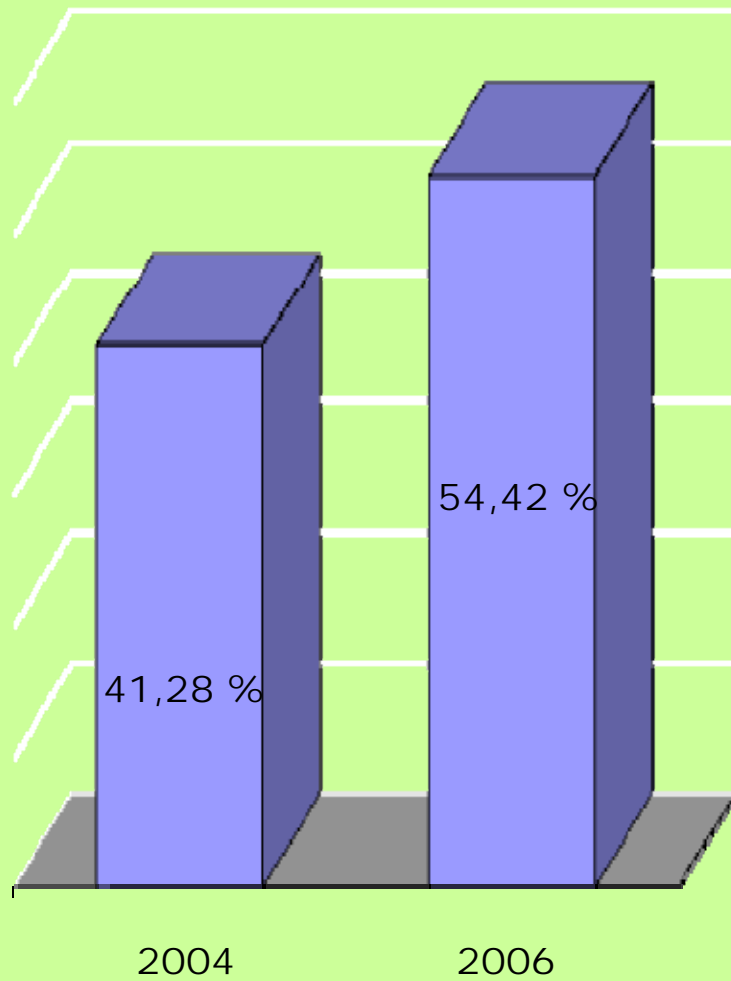


GOVERNMENT
OF INDONESIA

Preparatory Meeting for Inaugural Meeting of the Regional 3R Forum in Asia
Tokyo, 29 – 10 June 2009

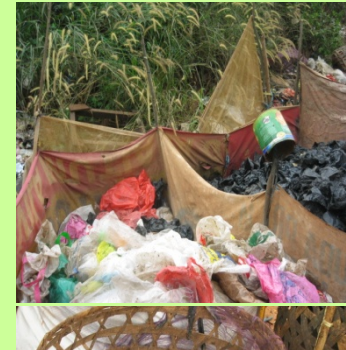
1:100,000 at 5°N
Projection
500 Kilometers

AUSTRALIA



LEVEL OF SERVICE

- Solid waste generated 0.5 kg/cap/day
- Limited level of service (55 %)
- Limited budget & human resources
- 90 % open dumping (polluted)
- Recycling by informal sector
- 3R 5-6 %
- Economic value of solid waste (60 % organic & 40 % non organic)



1. 3 R Program was promoted since year 1990 (namely UDPK/recycling and composting unit) :
 - Pilot project (capacity 10 m³/day) in 50 cities, focused on composting and recycling.
 - Training.

2. Evaluation of UDPK Program :
 - UDPK was not operated properly.
 - Project oriented, poor sustainability.

3. Improvement UDPK Program to be 3R Program
 - Pilot project composting based on best practice of 3R (done by NGO or communities).
 - Replication of best practices on 3R (cooperation with NGO).
 - Community based development.

4. In WJEMP Program
 - Development large scale composting in Bandung, Cirebon & Serang, Western Java.
 - Development communal scale composting in Bandung & Cimahi.
 - Compost Subsidy Program (45 producers in 9 cities).

National Target (2005-2009)

1. Level of service 75%
2. Improvement of Final Disposal Site Performance



Policies

1. Municipal solid waste reduction at sources
2. Improvement of community and private participation as a partnership on MSWM
3. Improvement quality and level of service
4. Institutional and human resources development
5. Improvement regulation, standard, guideline, criteria and law enforcement .
6. Funding source alternatives

Program

1. 3R Program (20 %)
2. Campaign & Education
3. Encourage Institutional Development & Training
4. Development infrastructure & equipment
5. Revitalization of FDS open dumps and development Regional Landfill
6. Private investment promotion



National Progress

- The Act No. 18 Year 2008 regarding MSW Management.
- Government Regulation regarding MSW Minimisation (drafting in progress).
- MoE's Regulation No. 02 Year 2008 regarding Utilization of Hazardous Waste.
- MoPW Regulation No. 21 Year 2006 regarding National MSW's Policy & Strategy Until 2009 (need revising).
- National 3R Strategy (finishing in progress)
- 3R Implementation:
 - Community-scaled
 - City-scaled
 - Company's Action (for industrial solid waste)

National Action Plan 2008-2014 and 2014-2019

- 3R targeting
- Preparing national regulation & guidelines
- Capacity building
- Socialization & campaign

February 2009

- Synchronizing the draft with the Public Work's 3R Action Plan & other stakeholder

Content

- CHAPTER I INTRODUCTION
- CHAPTER II CURRENT SITUATION on SWM
- CHAPTER III KEY SECTOR AND OPPORTUNITY
- CHAPTER IV STRATEGY ON 3R PROMOTION
- CHAPTER V ACTION PLAN

In-house Consultation (final meeting)

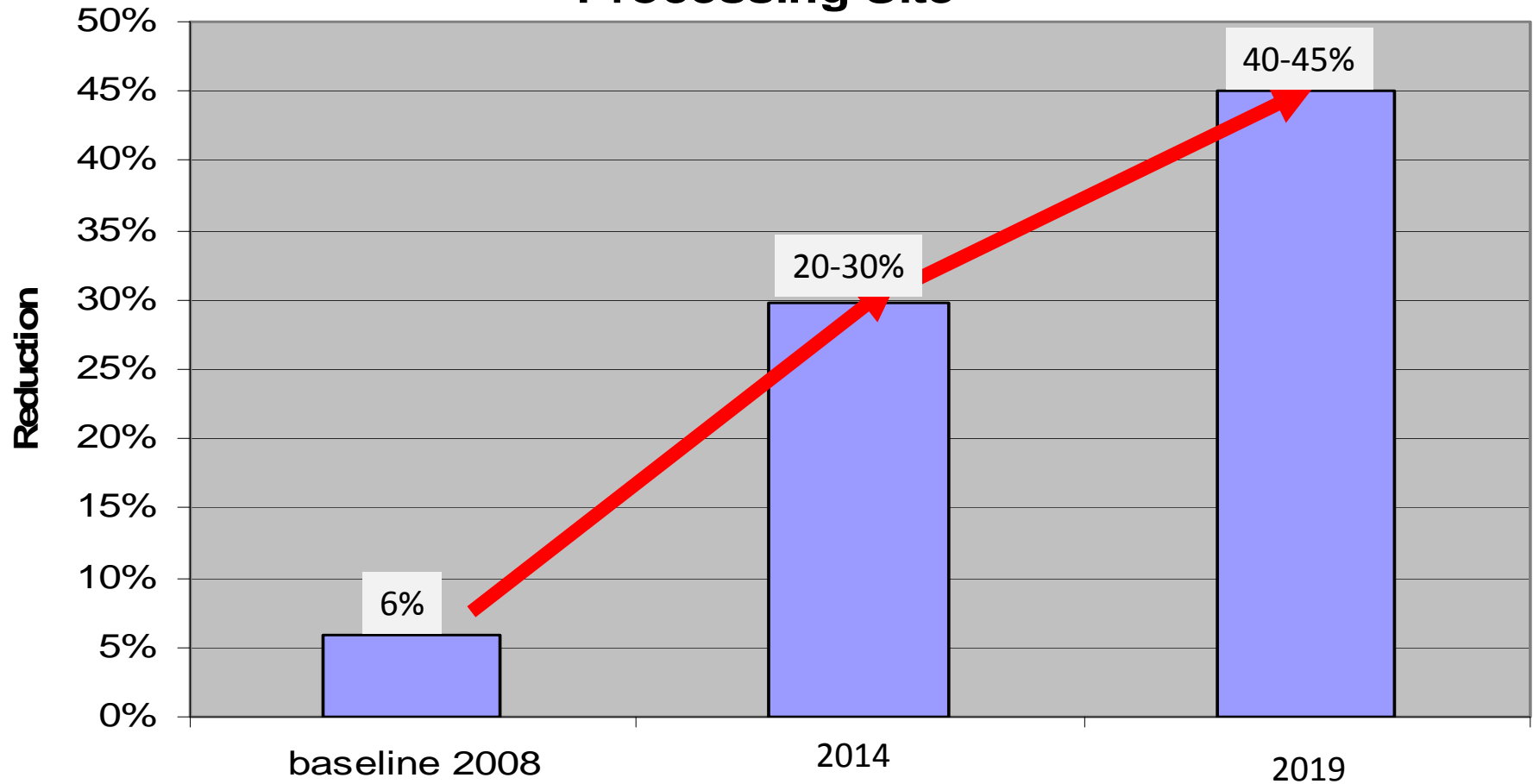
- 24th March 2009
- UNCRD – MoE, NCC, MoPW & Expert

Last editing & finalising

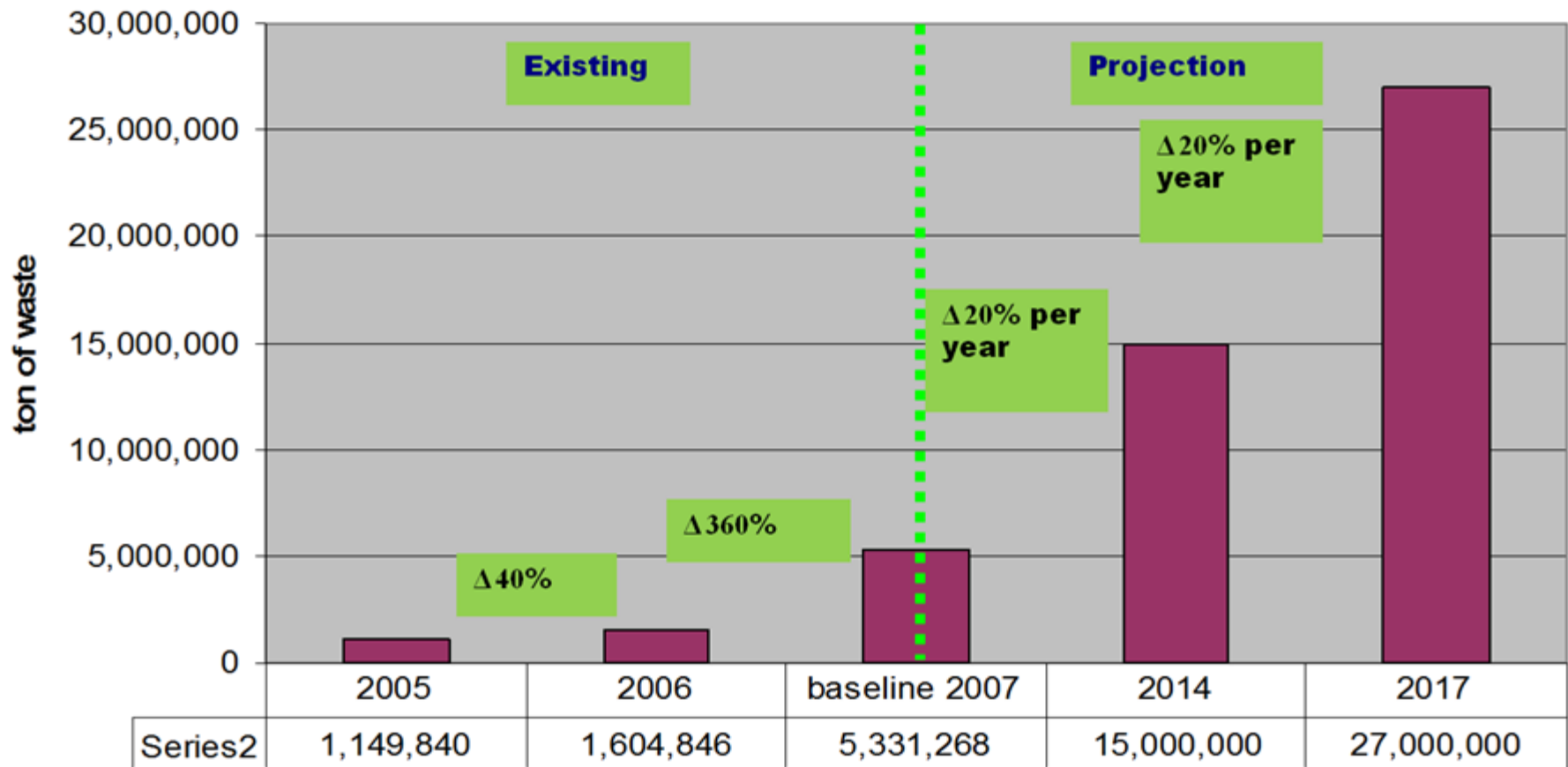
- Edited Final Version, July 2009
- Final Draft, August 2009
- Endorsement & printing, September 2009



Reduction of MSW Disposal to Final Processing Site



Target of Hazardous Waste 3R



There are 11 government regulations (GR) should be formulated that stipulated by the Act including:

1. GR concerning Waste Minimisation
2. GR concerning Public Right Mechanism
3. GR concerning Waste Facilities, Labelling & EPR
4. GR concerning Incentive & Disincentive Mechanism
5. GR concerning Waste Handling
6. GR concerning Budgeting
7. GR concerning Negative Impact & Compensation
8. GR concerning Compensation Mechanism
9. GR concerning Public Participation
10. GR concerning Prohibitions
11. GR concerning Specific Waste

Governments agreed to regroup the regulations become to the following:

1. GR concerning Waste Minimisation (legal drafting)
2. GR concerning Waste Handling (discussion & formulation)
3. GR concerning Specific Waste (discussion)

National budget allocations

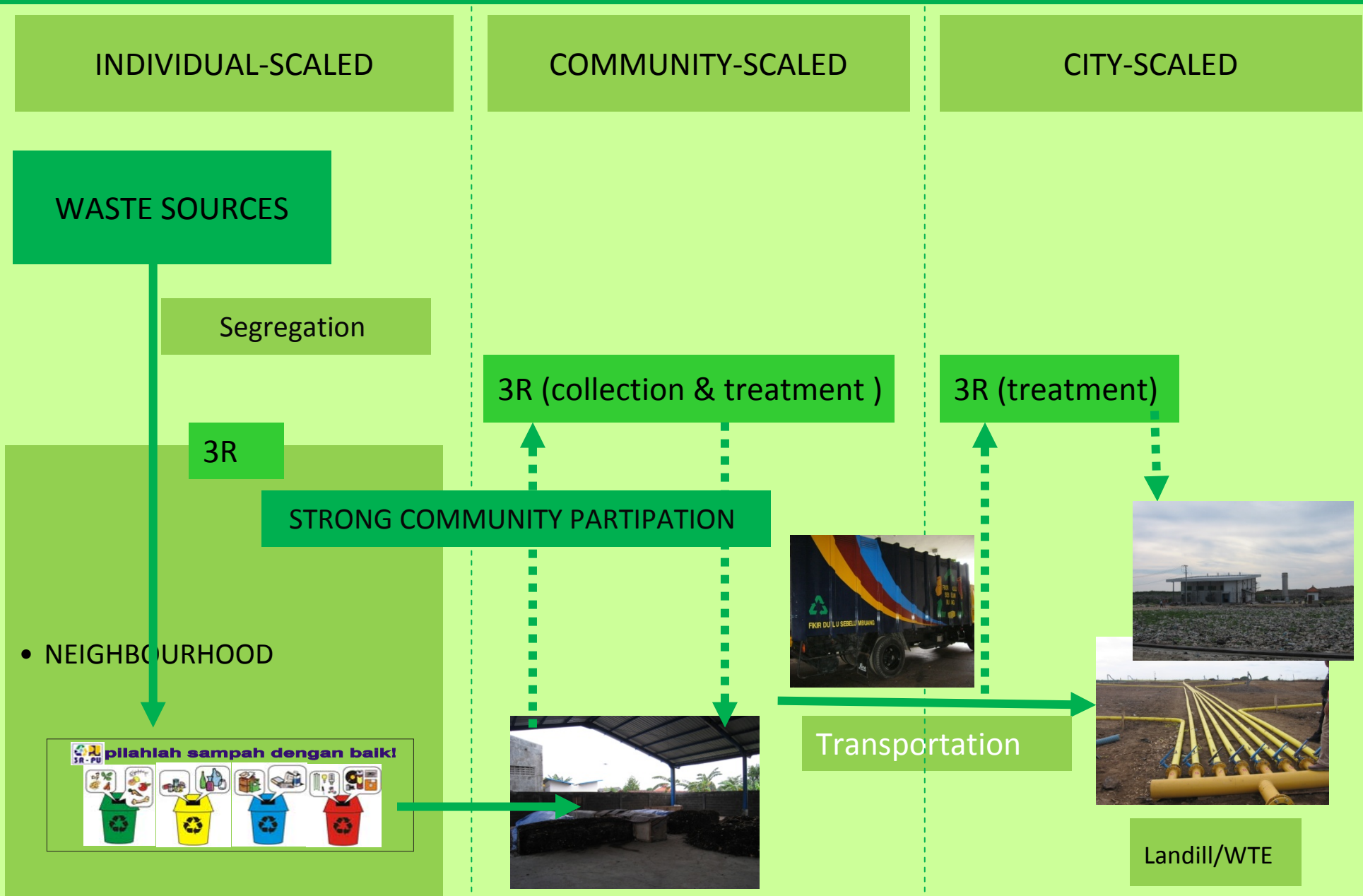
- The budget will be prioritised for 240 cities in 5 years.
- National stimulus budget for 3R facilities & equipment \$10,000 - \$50,000 each year and for infrastructure \$40,000 each city in 5 years.
- National budget for 3R promotion & campaign for public awareness \$50,000,000 in 10 years.

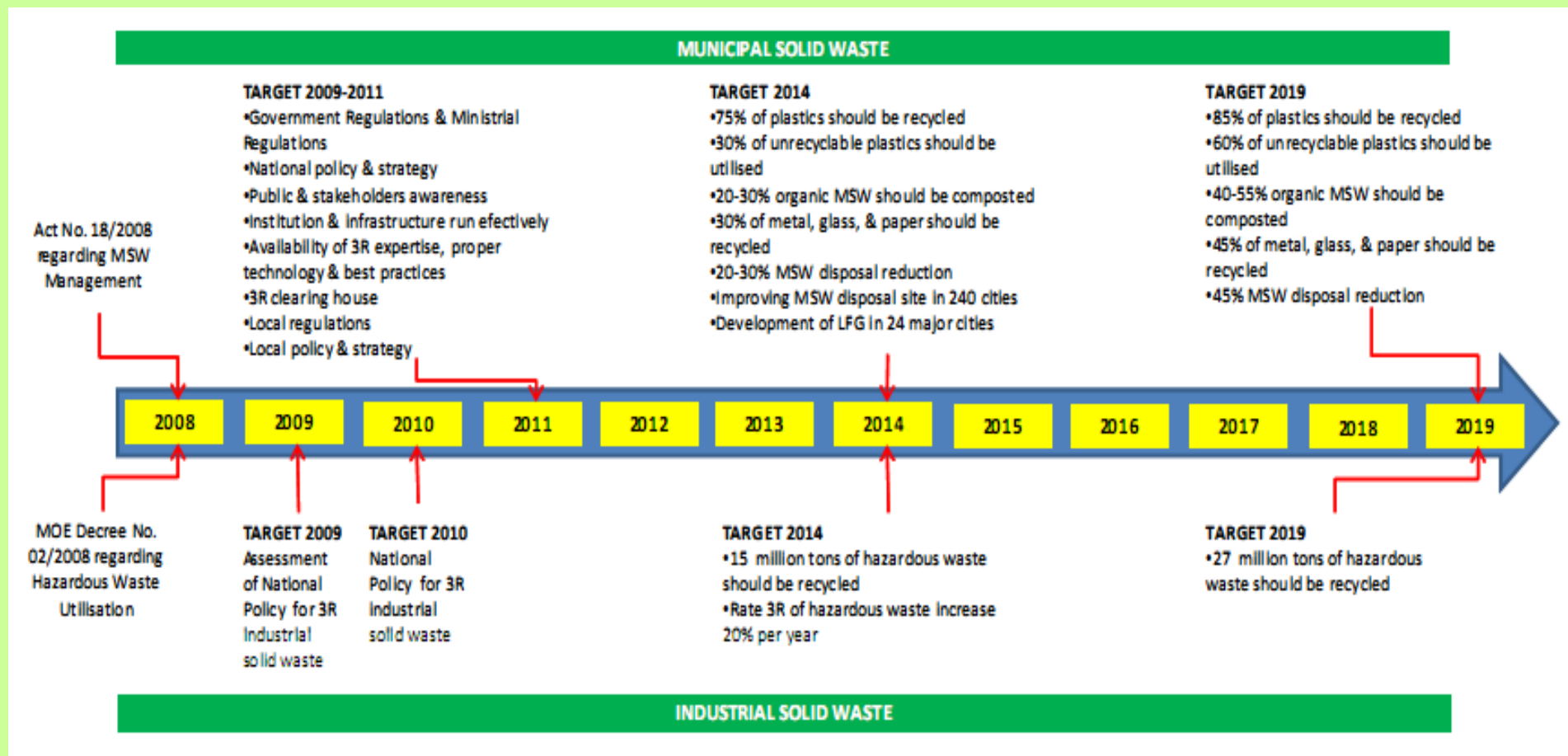
Capacity building

- Technical assistant for formulating local policy & regulation on MSW management including local strategy & action plan.
- Technical assistant for improving MSW disposal site in 240 cities.
- JICA has agreed to support capacity development of 3R and MSW Management Systems for 3 years.
- JICA provided training program for 3R and Co-benefit for 3 years.
- Demonstration project for 3R and Co-benefit Program in 2 cities supported by JICA (proposed).

Infrastructure

- Existing landfill gas flaring project in 10 cities through CDM scheme.
- Proposed landfill gas project in 24 cities.
- Improving MSW disposal site in 240 cities.
- Providing 2880 MSW transportation units nation wide.





Target waste

- Compostable organic including food waste & trimming/yard waste.
- Plastic including packaging & plastic bag.
- Industrial solid waste from manufacture & agro-industry.

Priority area

- Mainstreaming 3R in National Environmental and Economic Policies and Programmes.

Target area

- Multiple municipalities: 22 major cities both MWS & industrial solid waste.
- Multiple municipalities: 240 medium & small cities only MSW.

Activities

- Facilitation of replication, enlargement, and implementation of the 3R-related pilot and demonstrations projects and other good practices.

Implementation structure

- Both national and local government.

Expected international cooperation

- Technical assistant, transfer of knowledge and technology, and capacity development

THANK YOU

TERIMA KASIH



THANK YOU

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THANK YOU

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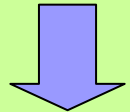
THANK YOU

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SEPARATED TRANSFER

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