

MINISTRY OF NATURAL RESOURCES AND
ENVIRONMENT

MINISTRY OF CONSTRUCTION

**NATIONAL STRATEGY
FOR INTEGRATED SOLID WASTE MANAGEMENT
UNTIL 2025 AND VISION TOWARD TO 2050**

(Draft)

Hanoi, 10/2009

OUTLINE

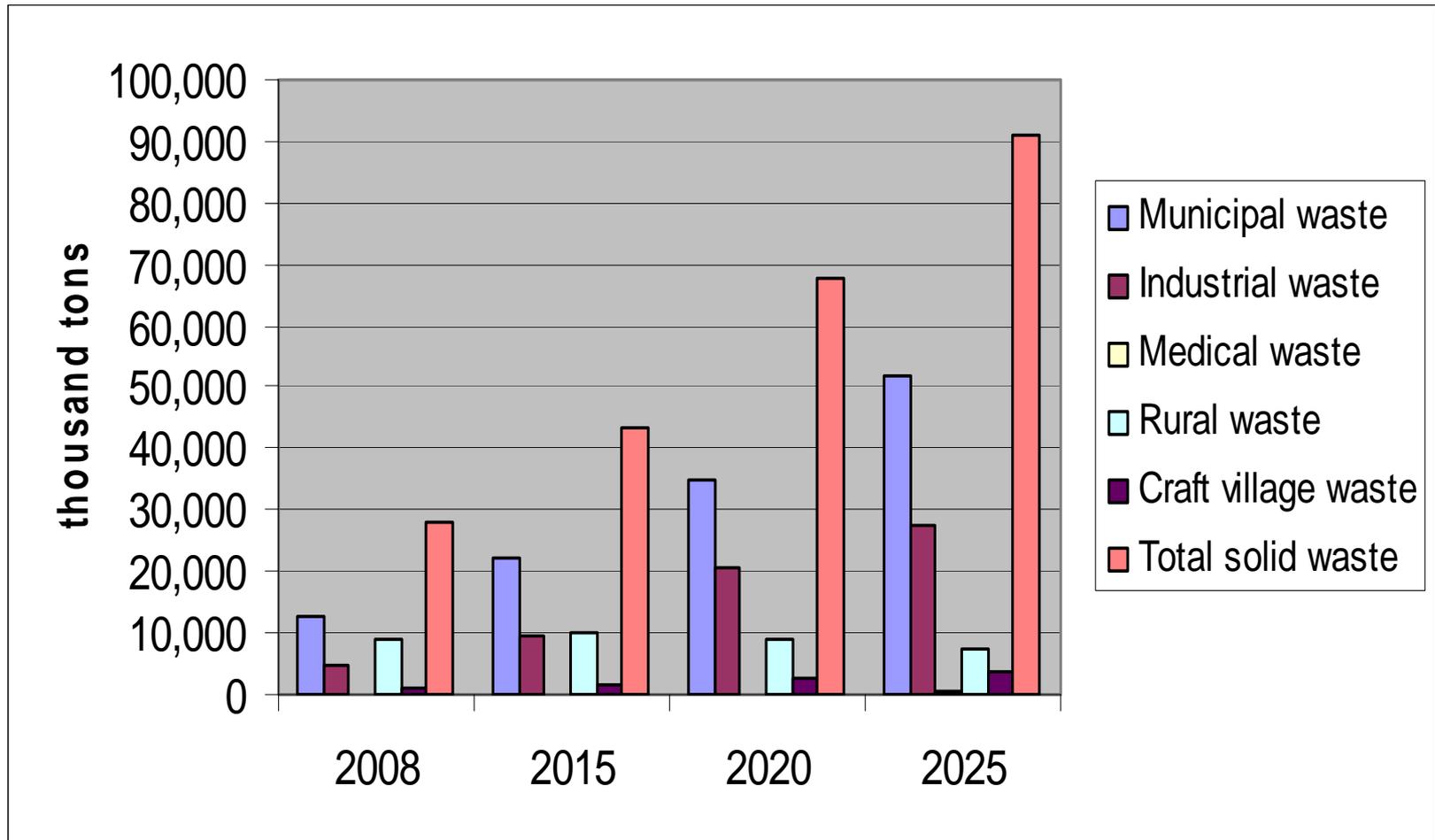
I. Situation, challenges of integrated solid waste management

II. Viewpoints, Objectives of the Strategy

III. Solutions for implementation

IV. Implementation arrangement

1. Situation and projection of solid waste generation



2. Situation of integrated solid waste management

- Prevention and reduction of solid waste generation:
 - + Prevention and reduction of solid waste in production, services and consumption have not been cared yet.
- At-source waste sorting:
 - + At-source household waste sorting has not yet become a common practice
 - + Industrial waste: usually sorted at-source.
 - + Medical waste: sorted according to Ministry of Health.
- Solid waste reuse and recycle:
 - + Recycle in craft villages: recycling technologies are old, backward, polluting seriously
 - + Compost production: scattered, market is not really developed
 - + Recycling in enterprises: common but spontaneous

3. Challenges of integrated solid waste management

- Quantity, compositions and toxicity of waste are increasing
- Low awareness and sense of responsibility of communities on integrated solid waste management
- Weak infrastructure and technology of integrated solid waste management
- Insufficient legislation of integrated solid waste management
- Limited and ineffective investment resources for integrated solid waste management

4. Viewpoints

- Integrated solid waste management is one of priorities of environmental protection work, contribute to pollution control, toward sustainable development.

- Integrated solid waste management should take prevention, generation **reduction** and at-source sorting as a leading priority task, strengthen **reuse, recycling** to decrease amount of waste which have to be landfill.

- Integrated solid waste management is the responsibility of the whole society.

- Integrated solid waste management is not closed by administration boundaries but implemented in an inter-sectoral, inter-regional way, to ensure economic and technical optimal, social and environmental safety and to comply with socio-economic development, construction and other planning.

- Integrated solid waste management should obey “polluter pays principle (PPP)”.

5. Objectives

- Objective to 2025:

- To reduce 85% of nylon bags used in supermarkets and trade centers compared with 2010.

- 100% of urban areas will have solid waste recycling systems and implement sorting at household.

- 100% of total generated urban waste will be collected and treated, in which 85% will be recycled, reused, recovered energy or produced into compost.

- 100% of non-hazardous medical waste and hazardous medical waste generated in medical units, hospitals will be collected and treated.

5. Objectives (cont.)

- Objective to 2025:

- 90% of total amount of construction waste generated in urban areas will be collected and treated, in which 60% will be recovered for reuse and recycling.

- 100% drainage slush of cities from II grade and 30% of the remained towns/cities to be collected and treated.

- 90% of solid waste generated in rural resident areas and 100% in craft villages will be collected and treated.

- To strive sanitation fee which will ensure 100% of cost for solid waste collection and transport activities and 50% cost for solid waste treatment.

Vision to 2050

To 2050, all types of generated solid wastes will be collected, reused, recycled and treated by modern, environmentally-friendly technologies, which are suitable with the local context, and the landfilled waste will be minimised to the lowest amount.

III. Solutions for implementation

- Propagate, educate, enhance awareness, sense of responsibility of community in solid waste management
- Complete legislation and institutions of integrated solid waste management
- Make and implement planning of solid waste management
- Develop resources for implementation of the Strategy
- Apply economic tools in solid waste management, establish waste economy
- Promote scientific researches to serve effectively integrated solid waste management
- Strengthen cooperation of stakeholders and international cooperation

IV. Implementation arrangement

- Responsibility of stakeholders:

- + Responsibility of line ministries

- + Responsibility of provincial people's committee

- + Responsibility of business community

- + Responsibility of Vietnam fatherland front and social organizations

- + Responsibility of individuals, households and communities

- Priority programs for implementation of the Strategy

- Monitor and report situation of the Strategy implementation

*Thank you very much
for your attention*