

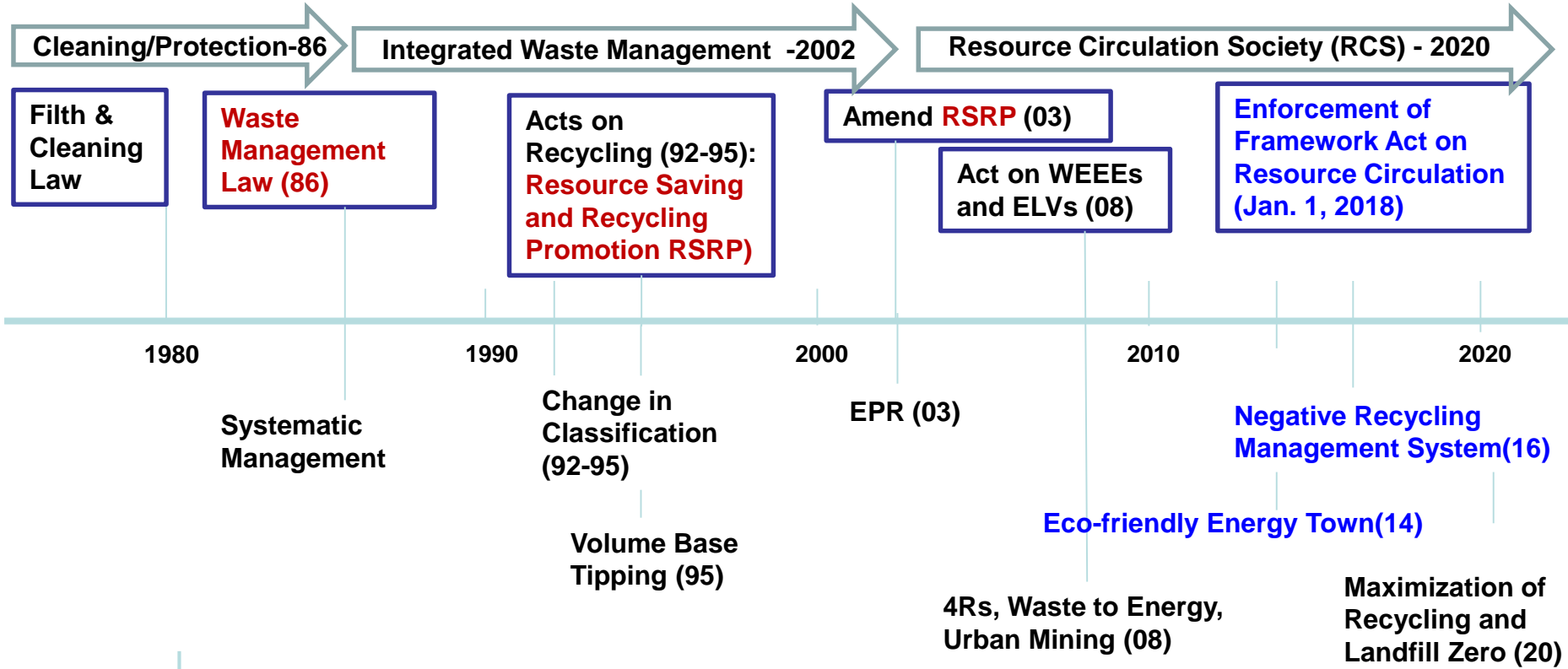
**Eighth Regional 3R Forum in Asia and The Pacific,
Indore, Madhya Pradesh, India on 9th ~12th April, 2018**

Waste Management in Korea

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Ministry of Environment

Waste Management Targets on 2020



Landfill	95% (83)	45% (95)	16% (03)	9% (11)	3% (20)
Recycle	3.5% (83)	49% (95)	74% (03)	83% (11)	87% (20)

Hierarchy of Waste Management & Policies

Reduce

1. Volume based waste fee system
2. Waste charge on the producers of hard to recycle products
3. Restriction on the use of disposables
4. Packaging reduction
5. Industrial and construction waste reduction

Reuse

1. Guaranty money on empty vessel
2. Promoting package reuse

Recycle

1. Extended producer responsibility(EPR) system
2. Eco-assurance system
3. Food waste recycling
4. Construction waste recycling
5. Local-based eco industrial town

Energy Recovery

1. Expanding waste to energy facilities

Safe Treatment

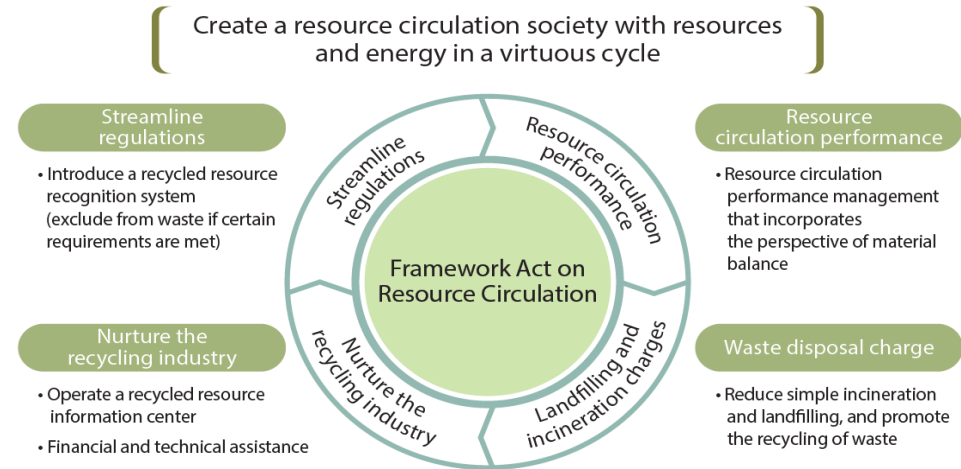
1. Waste manifest(Allbaro) system
2. Waste import and export management
3. Hazardous waste management
4. Medical waste management

Recent Waste Management

1. Framework Act on Resource Circulation

(Background) Korea has only a limited amount of resources, but its energy consumption is high. To minimize landfill and maximize reuse and recycling.

(Chronology) May 29, 2016 : To prepare for a shift towards a sustainable resource circulation society
January 1, 2018, The Act will be enforced



2. Eco-friendly Energy Town

(Background) “Eco-friendly Energy Town Construction Project,” are involves using unwanted and unpleasant facilities such as landfill sites and incineration sites, food, and livestock waste to produce and sell heat, electricity, and other renewable energy.

(Chronology)

2014 : Hongcheon

2015 : Cheongju, Asan, Gyeongju, Yeongcheon, Yangsan

2016 : Inje, Eumseong, Boryeong, Wanju, Jeju



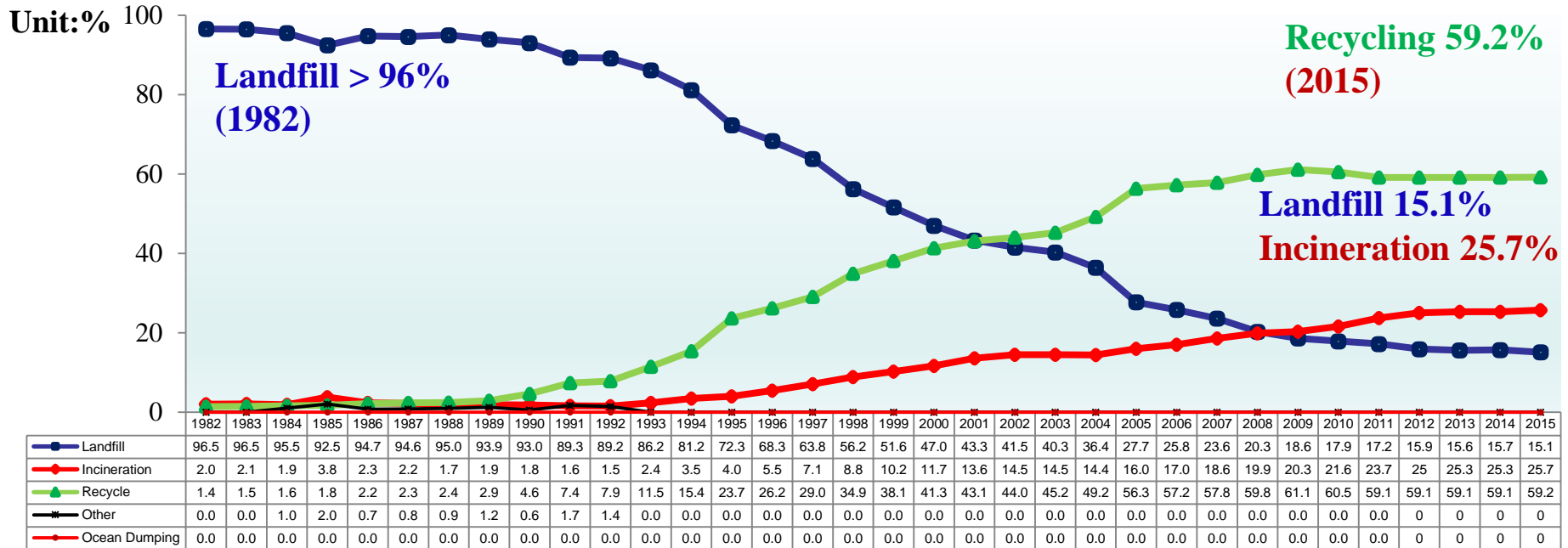
3. Negative Recycling Management System

(Background) Previous provisions allowed recycling only according to the specified purpose and methods (positive), the improved system allows recycling as long as there is no environmental pollution or threat to human health (negative)

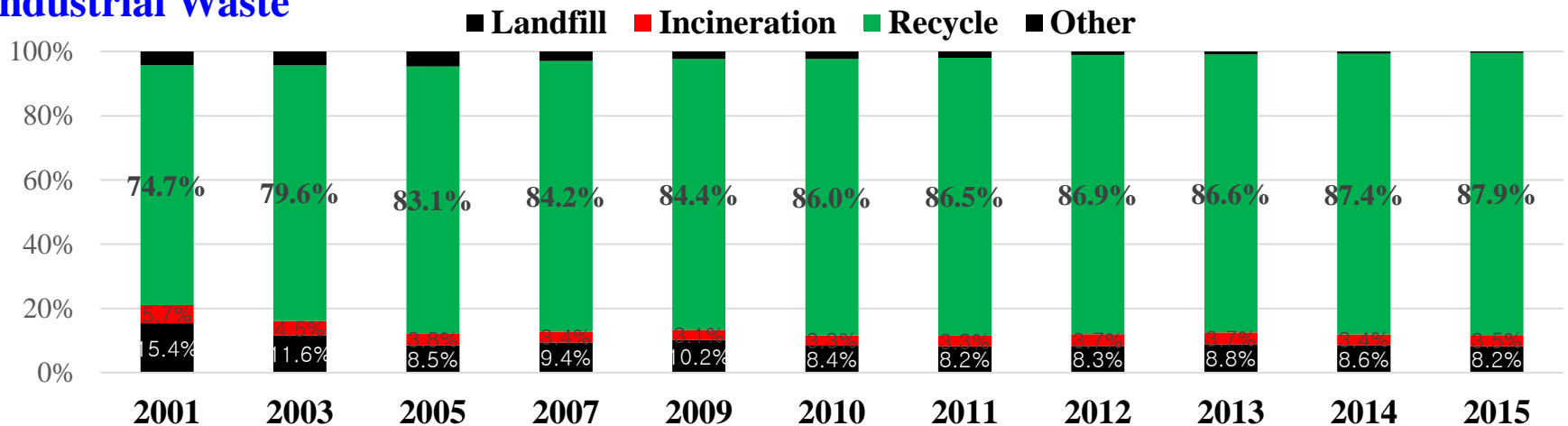
(Chronology) July 21, 2016 : The Ministry of Environment amended and enforced the Enforcement Decree and Enforcement Rules of the Waste Management Act

Outcomes of 3R Policies

Municipal Solid Waste



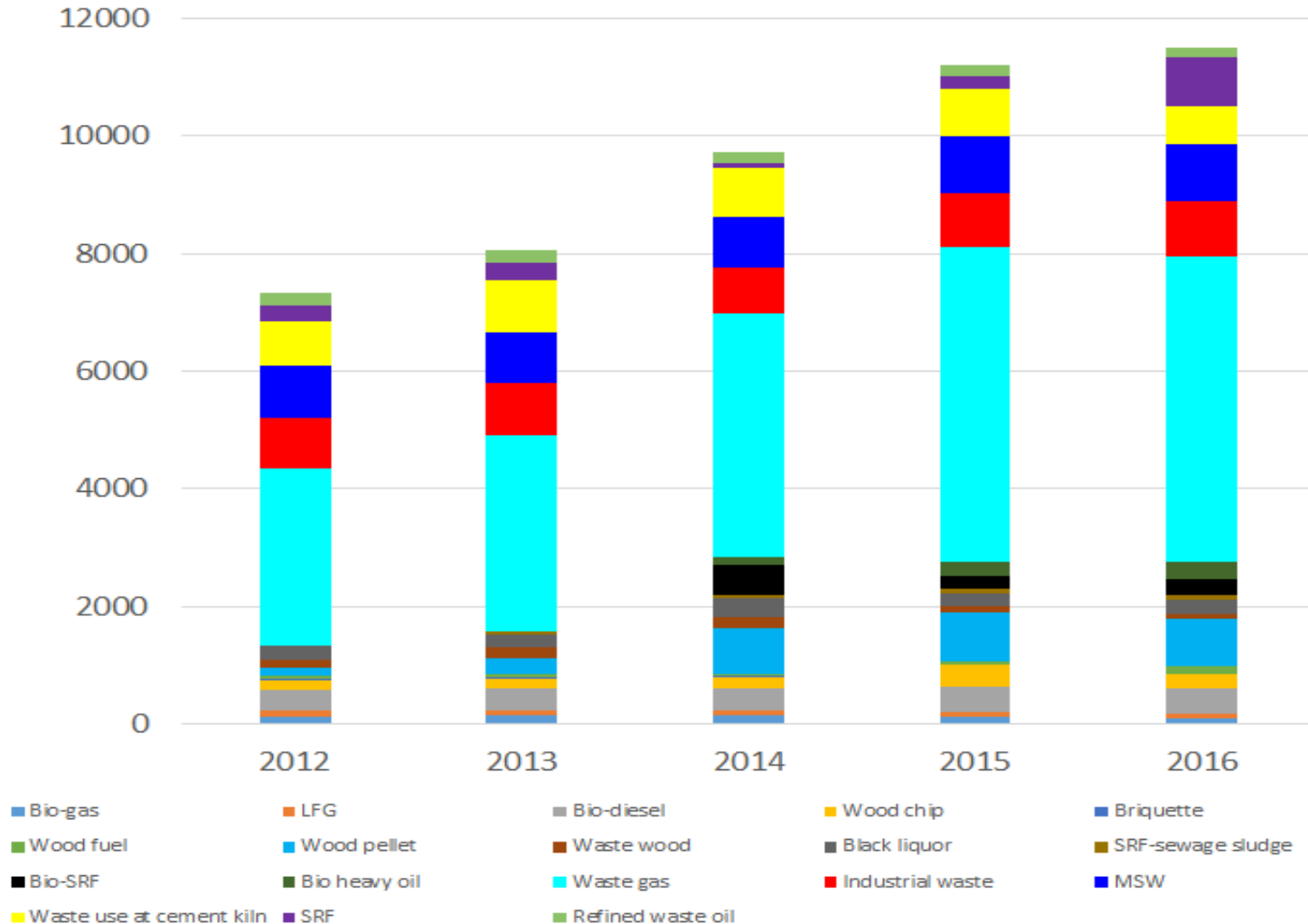
Industrial Waste



Source: Environment statistics yearbook, Korean Ministry of Environment

Outcomes of Waste to Energy

Unit: Thousand TOE



**Thank you
for your attention**

