



European
Commission

Circular Economy

Closing the loop –
An EU Action Plan for the
Circular Economy

Objectives of the new package

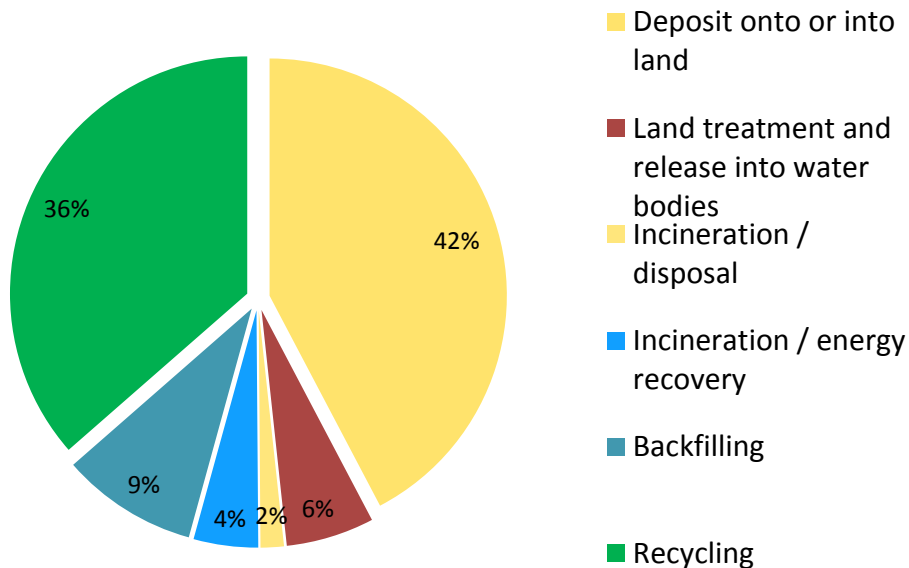
- Synergies between **environment and business agendas**
 - Preserve resources while creating business opportunities
 - Closer links to other key EU priorities (climate and energy, jobs and growth, investment, innovation, social, industrial competitiveness)
- Propose **concrete and ambitious action** where EU intervention has **high added value**
 - e.g. long-term signals on waste management; internal market; barriers linked to existing EU legislation; enforcement issues

The elements of the circular economy package

- Revised legislative package on waste:
 - Long-term targets to increase recycling and avoid landfilling
 - Legislation more in line with Circular Economy principles
- Action plan on the circular economy:
 - Concrete actions covering the whole product lifecycle
 - Sectorial action as well as general measures
 - Mandate for this Commission's term of office

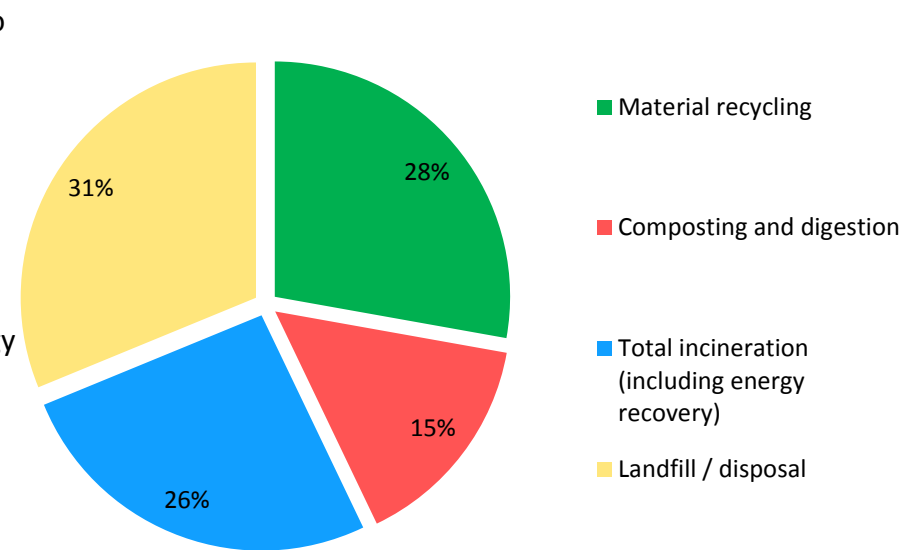
Problem definition

Total Waste Treatment



2012 data, source: Eurostat 2014

Municipal Waste Treatment



2013 data, source: Eurostat 2015

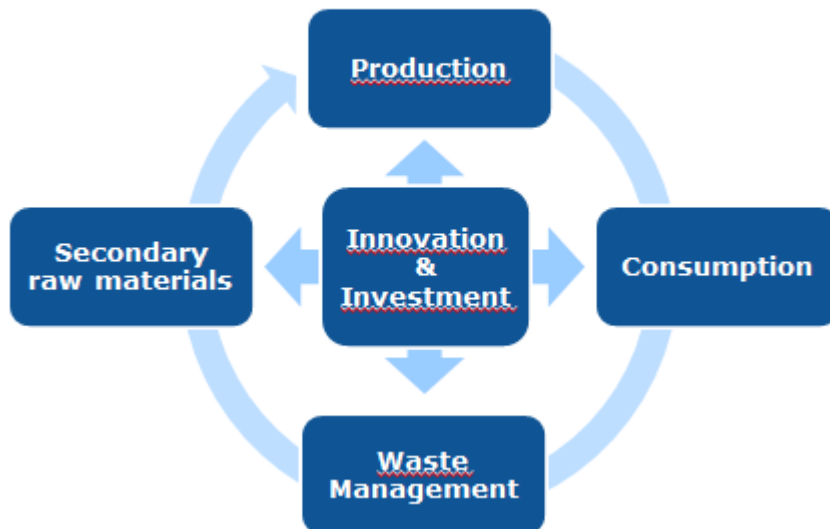


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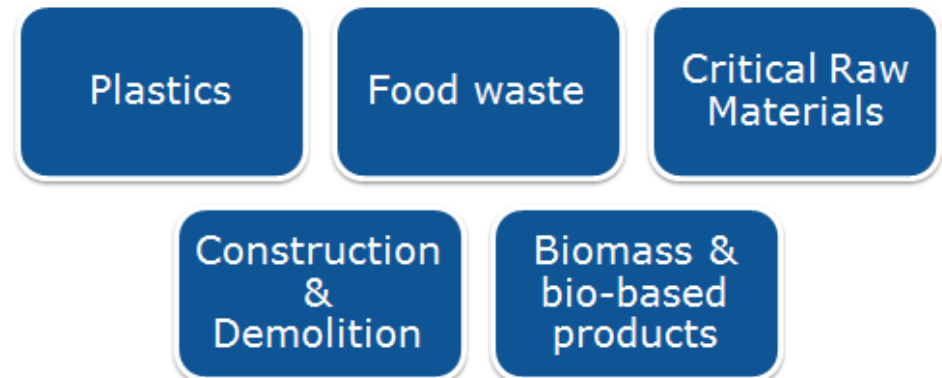
Action Plan

Diversity of actions

5 Main Areas of Action



Priority Sectors



Production

- Foster reparability, durability, and recyclability in Ecodesign (e.g. TV screens)
- Promotion of best practices for waste management and resource efficiency in industrial sectors.
- Facilitate industrial symbiosis

Consumption

- Develop rules to encourage reuse activities (e.g. waste proposal)
- Work on Ecodesign to ensure availability of spare parts
- Better enforce guarantees and action on false green claims
- Emphasize CE criteria in Green Public Procurement.
- Independent testing programme to assess possible planned obsolescence.
- Better labelling: EU Eco-label, Environmental Footprint.

Waste management

- Revised legislative proposals on waste
- Continued work with Member States to improve implementation including to avoid overcapacities in residual waste treatment (incineration and mechanical-biological treatment)
- Ensure coherence between waste investments under EU Cohesion Policy and the waste hierarchy

Market for secondary raw materials

- Develop quality standards for secondary raw materials.
- Revised EU regulation on fertilizers.
- Legislative proposal on minimum requirements for reused water
- Analysis on the interface between chemicals, product, and waste legislation.
- EU-wide electronic system for cross-border transfers of waste

Innovation & Investment

- €650 million Horizon 2020 initiative on 'Industry 2020 in the CE.
- Pilot "innovation deals" to address potential regulatory obstacles for innovators.
- Targeted outreach of EU funding, as Cohesion Policy Funds and for SMEs.
- New platform for financing CE with EIB and national promotional banks.

How will we monitor progress?

- Building on the existing indicators from the Resource Efficiency Scoreboard and the Raw Materials Scoreboard
- Developing a monitoring framework for the Circular Economy in close cooperation with the European Environment Agency (EEA)



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The background of the slide is a photograph of crumpled metal and plastic waste. The left side shows a pile of crumpled metal strips, while the right side shows a pile of crumpled plastic bags. A semi-transparent blue rectangle is overlaid on the right side of the image, containing the title text.

Waste proposals

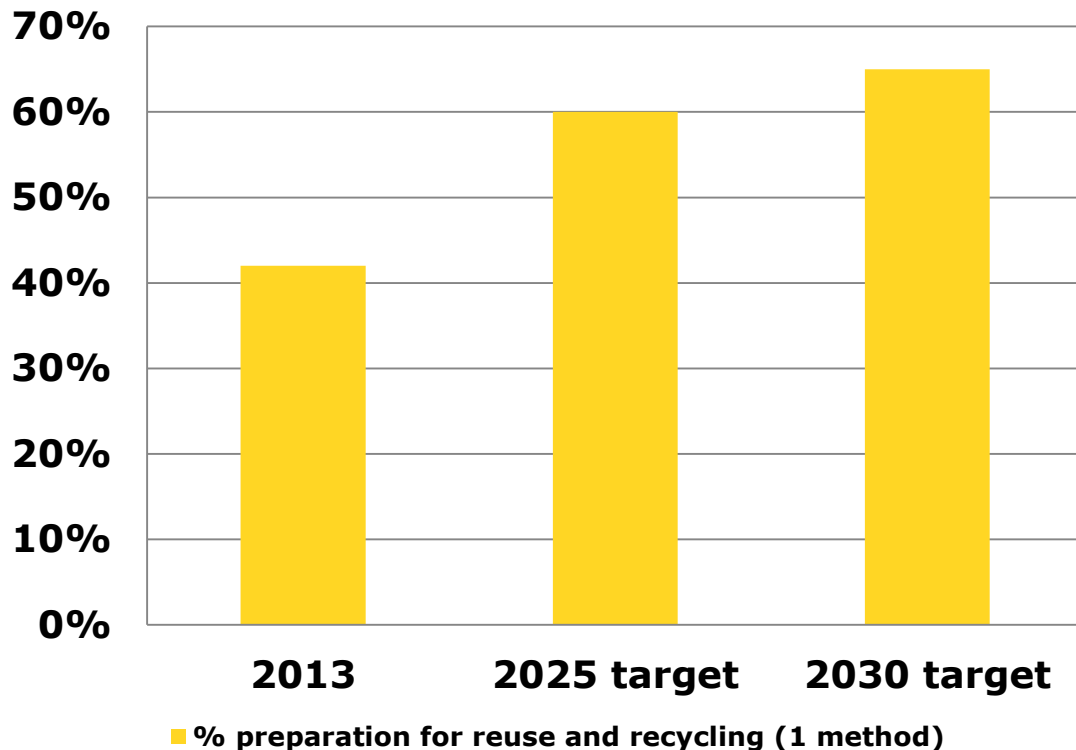
Background

- Review clauses in three existing Directives
- Valuable resources are lost even with full implementation of existing legislation – clear benefits to go beyond current targets
- Legal certainty for planning investments in waste management infrastructure
- Discussions with MS on the Commission's July 2014 waste proposals, many MS comments reflected in the new proposals
- New proposals: ambitious while taking account of differences between MS

Recycling calculation rules

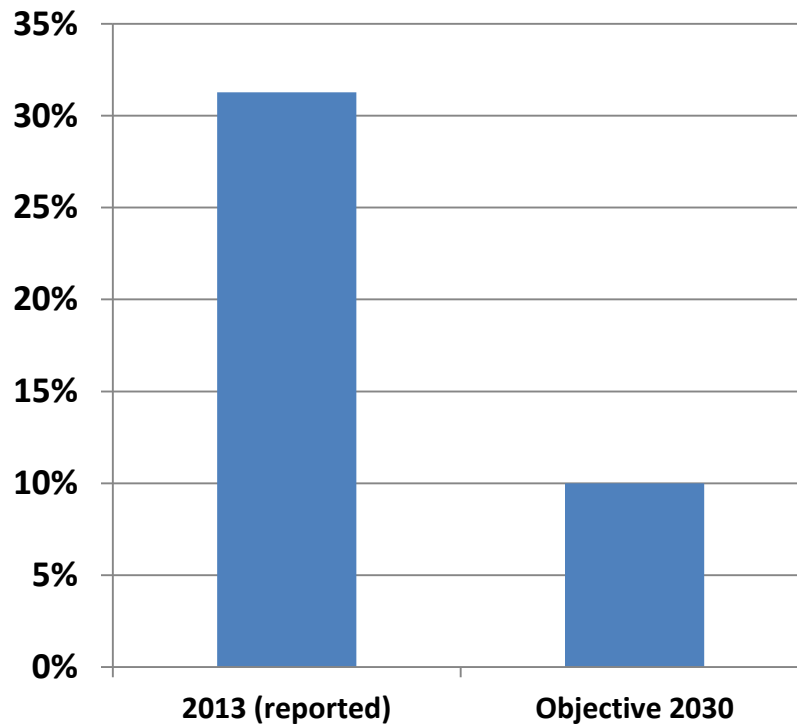
- Coverage of 'municipal waste': one single method (OECD/Eurostat-based definition)
- Main rule to calculate recycling rates: input to the final recycling (derogation: output of sorting operation if losses are $< 10\%$ and tracking system is in place)
- Preparation for re-use activities and recycling of metals resulting from incineration can be taken into account
- Rules on end-of-waste materials and waste exported for recycling

New targets municipal waste - recycling



- One calculation method (method 4) based on effective recycling by 2025
- Possible 5-year extension for 7 MS recycling less than 20% in 2013
- Review clause (2025) to consider more stringent targets

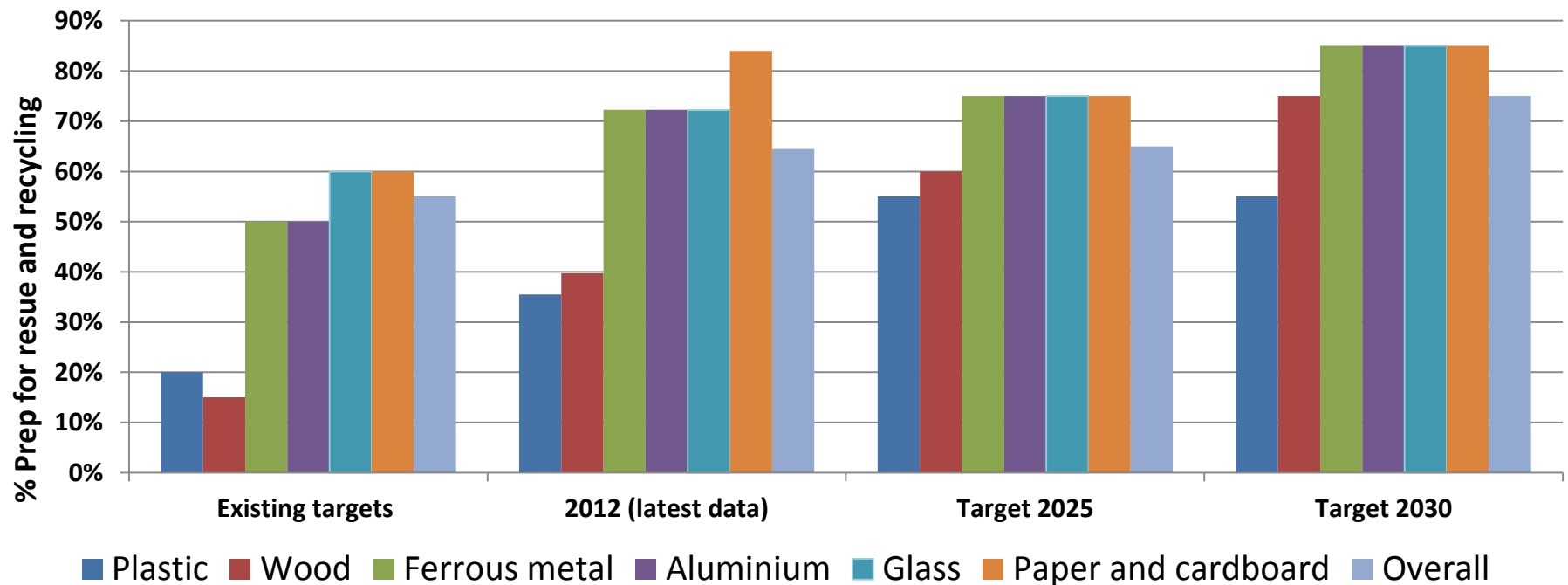
New targets municipal waste - landfilling



■ % Municipal waste in landfill

- By 2030 : max 10% landfilling of MSW
- Possible 5-year time extension for the same 7 MS as for the recycling rate
- Review clause (2025) to consider more stringent targets

New targets – packaging waste recycling



- Clarification on calculation rules (same as for municipal waste)
- Repeal of the recovery and max recycling targets
- New target for aluminium

Prevention

- Promote re-use activities (EEE, textiles, furniture)
- Focus on food waste, textile, WEEE, furniture, critical raw materials
- National targets, including a target on the level of disposed/incinerated waste (max kg/inhab)
- Extended Producer Responsibility – links between fees paid and recyclability/reparability

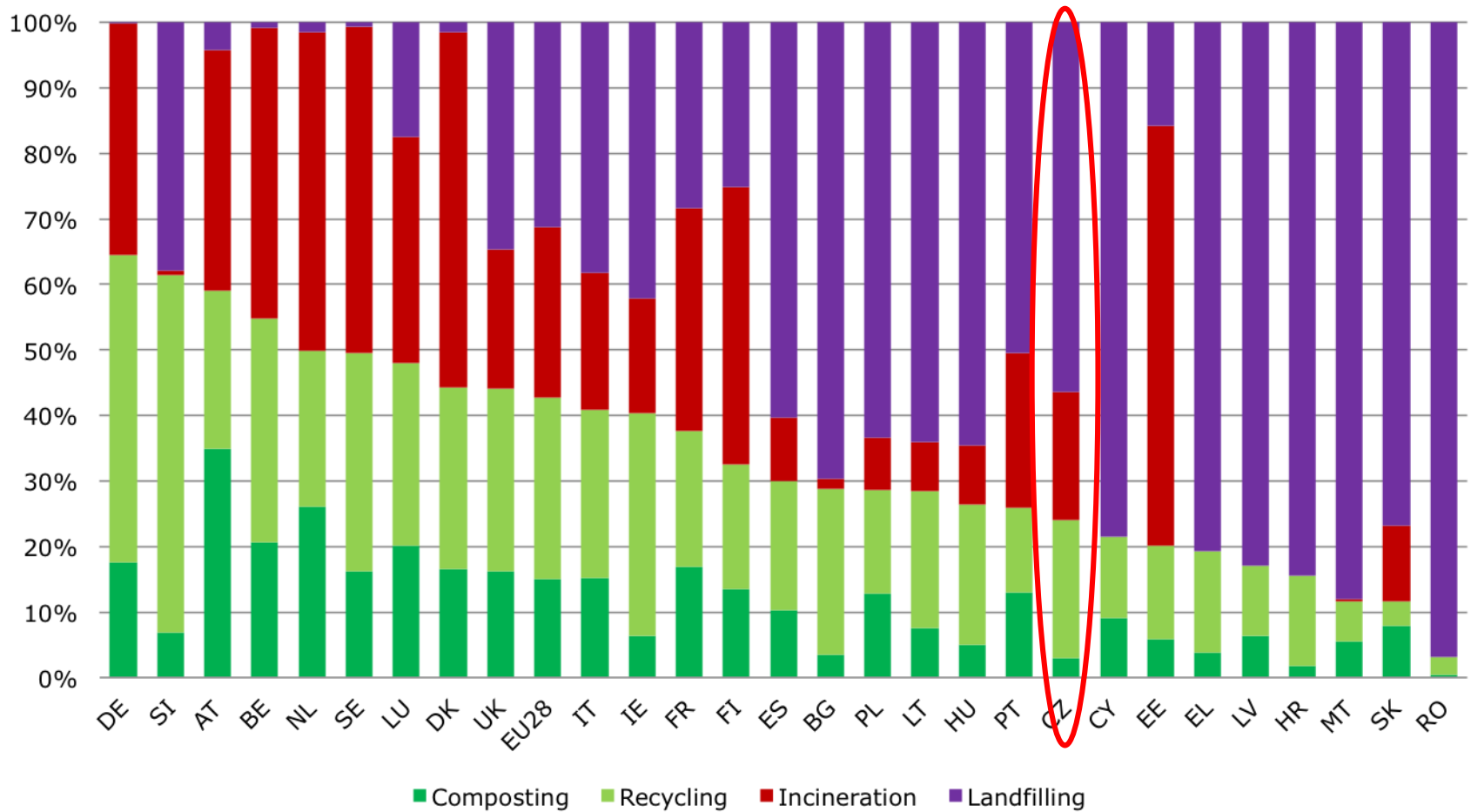
Simplification and data quality

- Simplification:
 - Reporting – no more implementation reports
 - Possible registration exemptions for SMEs
- Better data:
 - National quality check report to accompany data reporting
 - National electronic registries for hazardous waste (and possibly other waste streams)

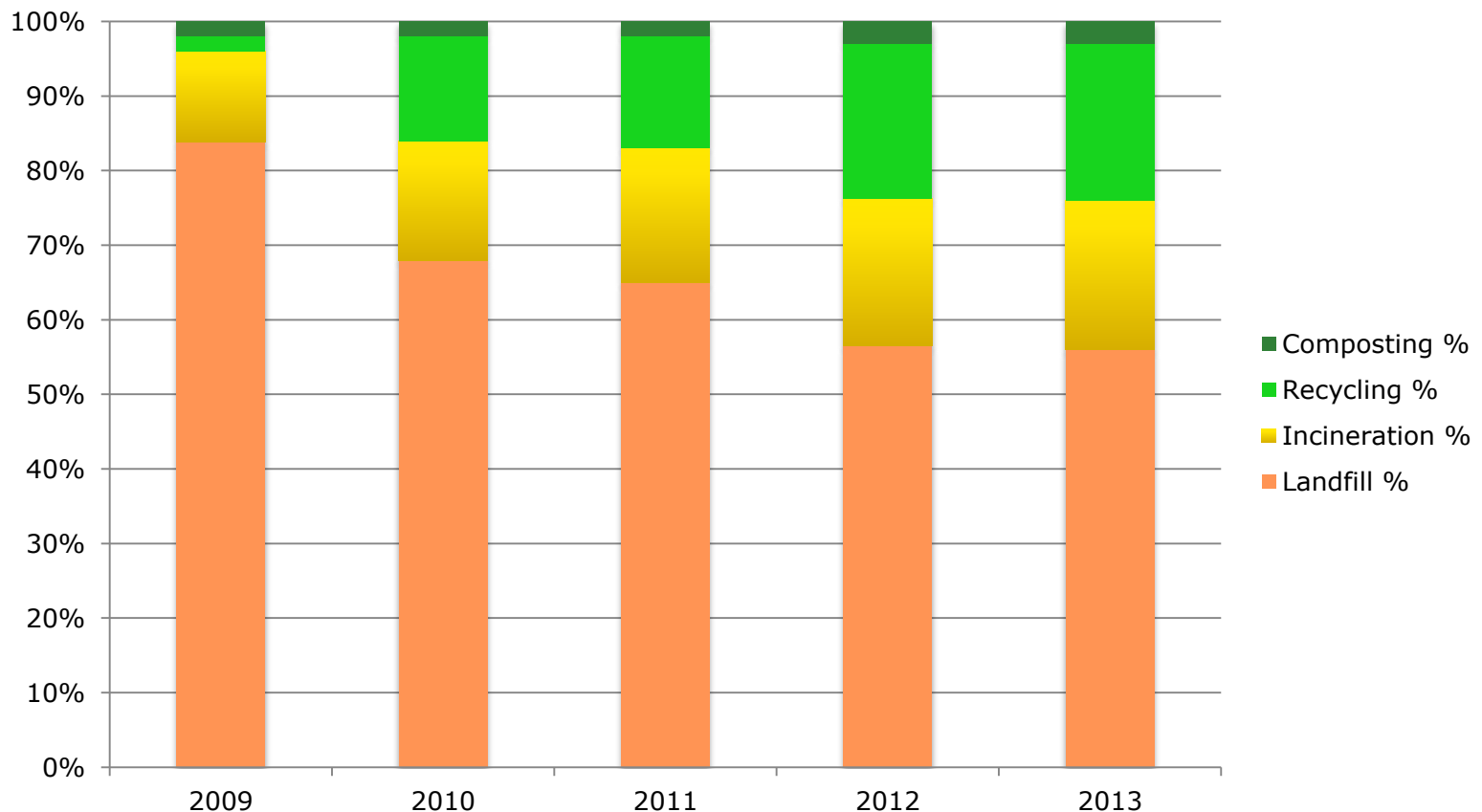
Best Practices

- MS to put in place economic instruments aligned with the waste hierarchy – report every 5 years to COM
- Commission can issue early warning reports 3 years ahead of the target deadline
- Implementation Plan for MS notifying use of a time extension + technical assistance from COM

Municipal waste per treatment 2013



Situation in Czech Republic in municipal waste treatment





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Thank you for your attention!

Additional information:

http://ec.europa.eu/environment/waste/target_review.htm