



European
Commission

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

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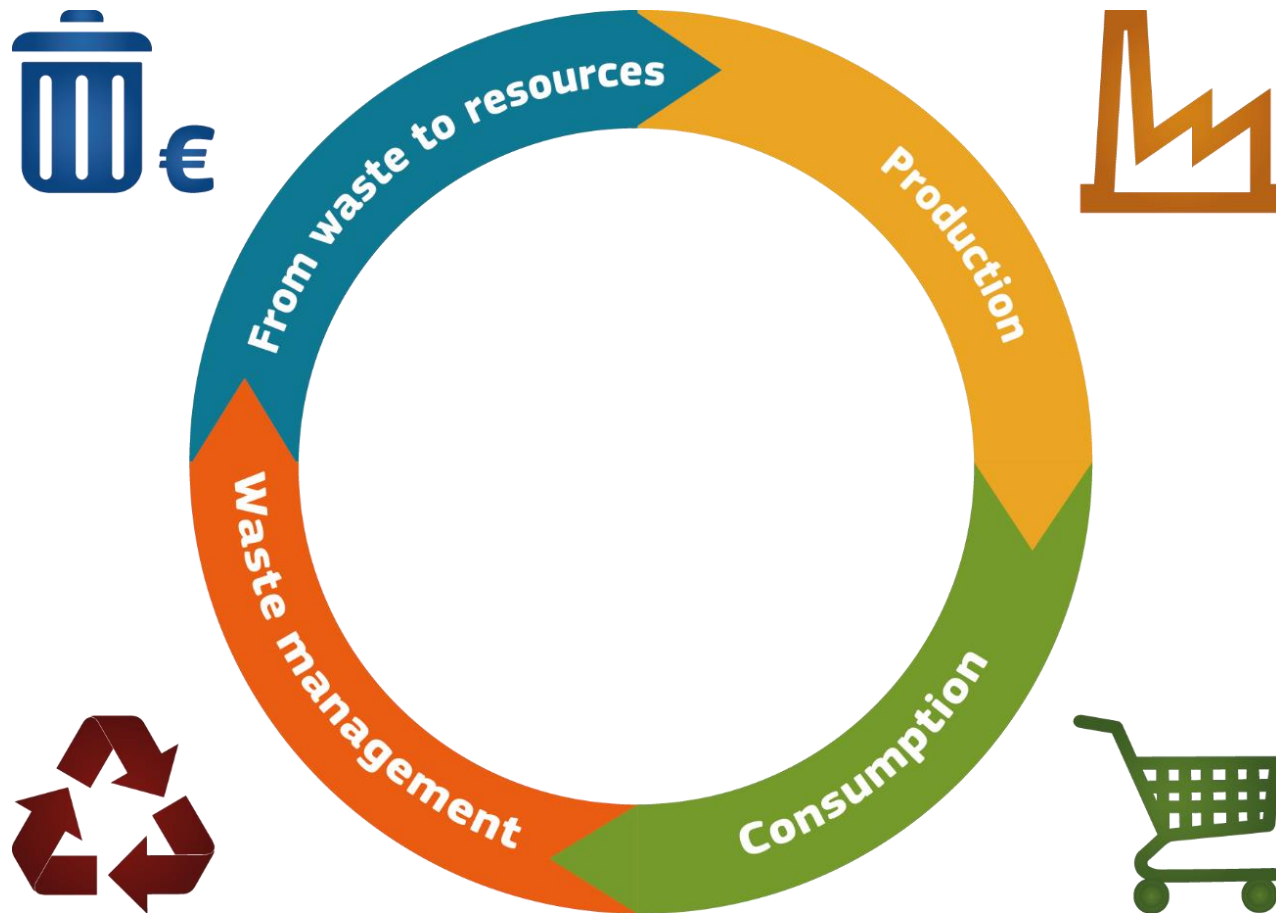
From a Linear Economy...



Limits of the linear model

- Lost value of materials and products
- Dependency on imported raw materials
- Resources scarcity
- Volatile resource prices
- Waste Generation
- Environmental degradation & climate change

... to a Circular Economy



The Circular Economy is about ...

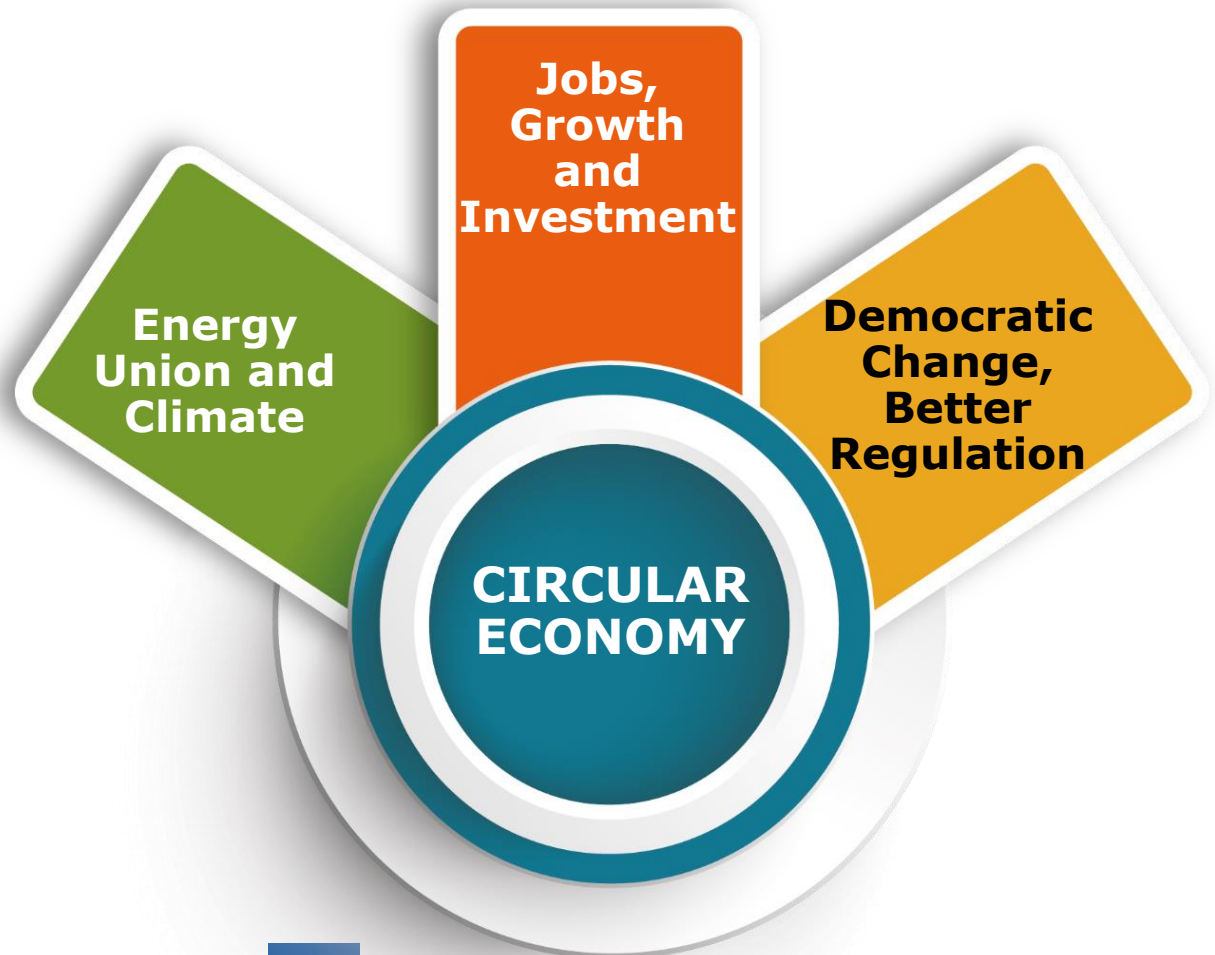
- Maintaining the value of products, materials and resources in the economy for as long as possible
- Minimising waste generation
- Boosting our economy and competitiveness with new business opportunities and innovative products and services.
- Bringing economic, social and environmental gains

Benefits of the Circular Economy

- ✓ Creating jobs and growth:
 - Up to +7% GDP
 - Up to 600 billion savings – 8% of annual turnover for business in the EU
 - 550 000 jobs through better waste management by 2035
- ✓ Reducing 1.3 billion tonnes of GHG emissions by 2035 (2-4%) by moving to higher recycling rates
- ✓ Ensuring security of supply
- ✓ Building economic and environmental resilience

In line with the Commission's overall priorities

Protecting the environment and boosting competitiveness go hand-in-hand: both are about building a sustainable future



Circular Economy Package

Adopted by the Commission 2 December 2015



Action Plan
Communication



List of Follow-up
Initiatives (Annex)



4 Legislative
proposals on waste

Objectives of the new Package

- Take concrete and ambitious actions, e.g.
 - long-term vision and targets on waste management
 - internal market rules for products
 - environment and consumers protection
- Overcome obstacles stemming from European legislation or inadequate enforcement
- Strengthen the single market to support the Circular Economy
- Ensure favourable conditions for innovation and investment

Five key action areas



Five priority sectors

**Biomass &
Bio-based
Products**

Plastics

**Construction
& Demolition**

**Food
Waste**

**Critical
Raw
Materials**

Concrete actions (1)

- **Ecodesign** to include reparability, durability and recyclability
- Legislation on **fertilisers**, incl. organic & waste-based fertilisers
- Quality standards for **secondary raw materials**
- Actions on **Green Public Procurement**
- A **strategy on plastics**, incl. to reduce marine litter
- Improved **consumers protection** against unfair practices

Concrete actions (2)

- Interface between **chemicals, products and waste legislation**
- A **strategy on plastics**, reducing marine litter
- Actions to **reduce food waste**
- **Funding** €650 million for "Industry 2020 in the CE" (2016-17)
- Minimum requirements for the **reuse of wastewater**
- Measures related to **critical raw materials**

Circular Economy: an international dimension

Transition to a Circular Economy will help
the EU meet its international commitments

- **2030 Agenda** → *Next steps for a sustainable European future*
- **COP21**, 2°C limit global warming
- **G7 Alliance for Resource Efficiency**





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Waste management & targets

Proposals on waste

- **Long-term recycling targets** for municipal waste and packaging waste, and to reduce landfilling
- Measures to promote **waste prevention**, incl. food waste
- Clearer rules for **preparation for reuse**, simplification on **by-products and end-of-waste** status
- Extension of **separate collection to bio-waste** on top of glass/paper/plastic/metals
- Common minimum requirements for **extended producer responsibility** schemes

Common EU target for **recycling 65%** of municipal waste by 2030



Reported in 2014: $\pm 42\%$

New binding target to **reduce landfill to maximum of 10%** of municipal waste by 2030



Reported in 2013: $\pm 31\%$

Common EU target for recycling **75% of packaging waste** by 2030



Next Steps

- **More than 50 key actions** listed in the Annex:
 - Timeline for implementation
 - All actions in line with the better regulation principles
 - Progress report 5 years after adoption
- **European Parliament and Council** to decide on the 4 legislative proposals on waste.



CIRCULAR ECONOMY
saving resources, creating jobs

Thank you for your attention!

http://ec.europa.eu/environment/circular-economy/index_en.htm

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