



European  
Commission

# Circular Economy

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

# Circular Economy: a priority





Maintaining the **value** of products, materials and resources in the economy for as long as possible

Minimising **waste generation**

Boosting our **competitiveness** with new business opportunities and innovative products and services

Bringing economic, social and environmental **gains**

**Transition  
towards a  
Circular  
Economy**

# Circular Economy Package

2 December 2015



**Action Plan  
Communication**



**List of Initiatives**



**4 Legislative  
proposals on Waste**

# Circular Economy Package

26 January 2017



**Report to  
EP and Council**



**Communication  
Waste to Energy**



**Proposal for  
amending RoHS**

## 4 Key areas of action

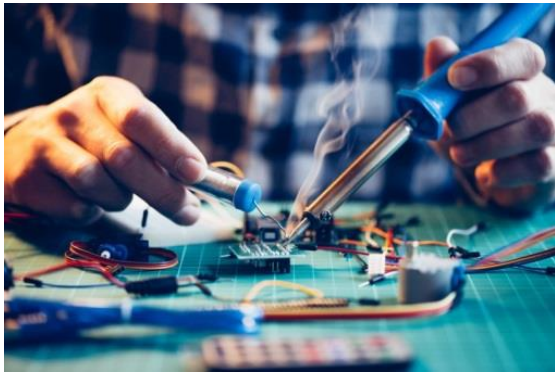


## 5 Priority sectors



# Production

## Ecodesign Working Plan 2016-2019



€ 490 savings on household energy bills each year

Energy savings equivalent to annual energy consumption of Italy by 2020 and of Sweden by 2030

## BREFs for industrial sectors



BAT Conclusions including guidance on circular economy best practices



# Consumption

Helping consumers  
choose sustainable  
products and services



Encouraging Public Authorities  
choose more sustainable  
products and services.



# Revised legislative proposals on waste

**65%** target recycling **municipal waste** by 2030

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

**75%** target recycling **packaging waste** by 2030



- **One calculation method**
- **Prevention**
- **Simplification**

# Secondary Raw Materials

Turning waste into a resource



Proposal for a revised fertilisers regulation

→ New single market for fertilisers made from SRM



Promotion of water reuse-guidance

Inclusion of best practices BREFs

→ A solution for water scarcity

# EU-wide minimum requirements for water reuse for irrigation and aquifer recharge



\*Encourage efficient, safe and cost-effective water use



\*Increase the recycling of nutrients contained in waste water



\*Contribute to growth and jobs creation by stimulating innovative technologies and water infrastructure

# Interface Product-Chemical and Waste Legislations

Increase **safety**, facilitate **recycling** and improve the **trust** in secondary raw materials



4 obstacles to go from waste to new products

- **Insufficient information** about substances of concern
- **Presence** of substances of concern in recycled materials and in articles made thereof
- **Uncertainties** about how materials can cease to be waste
- **Difficulties** in applying EU waste classification

# Plastics



Fossil  
feedstocks



Water



Energy

- \* **Valuable resources** are used to make plastics, with high GHG impacts

- \* **Reuse** ↔ single-use items, packaging

- \* Too **valuable** to be burnt or landfilled

- \* Less than **30% plastic waste** recycled



- \* More plastic than fish in **oceans** by 2050

- \* **Microplastics**

# Plastics Strategy



## Actions

to encourage the use of recycled plastic



## Stronger incentives

to collect, sort and recycle all plastics



## Better design

of plastics for less toxicity, more durability and easier recycling



## More information

to raise awareness and encourage responsible behaviour



# Monitoring Framework

Assess the progress in the EU and its Member States



Applicable to materials, products and services

EEA, Eurostat and MSs

Relevant to CE

Acceptable by stakeholders

Credible, official data

Easy, and understandable

Robust, sound methodology



# Innovation

'Industry 2020 in the circular economy' → Horizon 2020

Pilot project for  
'innovation deals'



Innovation through smart specialisation  
→ support to MS/regions

# Investments and funding

EFSI 2.0 expected to mobilise **EUR 500 billion**

**Circular Economy Finance Support Platform:**  
Awareness of circular economy business logic &  
uptake of circular economy projects by investors

**LIFE:** Over EUR 100 million





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## Learn more about the Circular Economy

[http://ec.europa.eu/environment/  
circular-economy/index\\_en.htm](http://ec.europa.eu/environment/circular-economy/index_en.htm)