De rol van innovatie voor Circulaire Economie

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Transition towards a Circular Economy

- 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**
4 Key areas of action

5 Priority sectors

- Plastics
- Food Waste
- Biomass-Biobased Products
- Construction and Demolition
- Critical Raw Materials
Key deliverables: Production

Ecodesign Working Plan 2016-2019

€ 490 savings on household energy bills each year
Energy savings by 2020 equivalent to annual energy consumption of 3 x Belgium

BREFs for industrial sectors

BAT Conclusions including guidance on circular economy best practices
Key deliverables: Consumption

Helping consumers choose sustainable products and services

Green public procurement: Encouraging Public Authorities choose more sustainable products and services.
Key deliverables: Waste management: 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
Key deliverables: From waste to resources: 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
Upcoming key deliverables in 2017

**Plastics Strategy**
Looks at the whole lifecycle of plastics

**Monitoring Framework**
Assess progress of the circular economy in the EU

**Interface of chemical, product and waste legislation**
Promote non-toxic material cycles and enhance the uptake of secondary raw materials

**Legislative proposal to promote water reuse**
Reuse of treated waste water, while ensuring the health and environmental safety of water reuse
Research and Innovation Role in CE

Create the right environment for innovation & investments

DEMONSTRATING > H2020, Focus Area "Industry 2020 in the Circular Economy"

REGULATORY INNOVATION > Innovation Deals

FINANCIAL INNOVATION > Circular Economy Finance Support Platform
Addressing Circular Economy in H2020

Cross-cutting call
FOCUS AREA
'Industry 2020 in the Circular Economy'
Over 650 M€ budget

Innovative demonstration projects to support circular economy objectives and industrial competitiveness in EU
Industry 2020 in the Circular Economy

**CIRC-1-2016**: "Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects", IA

**CIRC-2-2016**: "Water in the context of the circular economy", IA

**CIRC-03-2016** "Smart Specialisation for systemic eco-innovation/circular economy", CSA

**CIRC-4-2016**: New models and economic incentives for CE business, RIA

**CIRC-05-2016** "Unlocking the potential of urban organic waste"
CIRCULAR ECONOMY CALL H2020 2017

- CIRC-01-2017:
  Systemic services for the circular economy
  budget: €44M

- CIRC-02-2017:
  Towards the next generation of water systems and services – large scale demonstration projects
  budget: €30M

..demonstrate innovative solutions at a large scale (i.e. city, regions, river basin)

(IA – deadline 07/03/2017 stage 1 05/09/2017 stage 2)
Focus area: Connecting economic and environmental gains
- The circular economy

Foreseen budget: 800 MEUR
Innovation Deals (IDs)

A fast, pragmatic and transparent approach to help innovators to:

- overcome legislative barriers
- make use of EU law appropriately
- create regulatory certainty

https://ec.europa.eu/research/innovation-deals/index.cfm
Innovation and Investments

Circular Economy Finance Support Platform

Pillar I
Coordination and Awareness

Pillar II
Advisory Services

Pillar III
Dedicated Financial Instrument
Conclusion

* Circular economy action plan is well on track
* Many actions still to come
* Support from business is essential!
Learn more about the Circular Economy


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