

EASME

Executive Agency for Small and Medium-sized Enterprises



SME SUPPORT



ENERGY



ENVIRONMENT



MARITIME

EASME

Executive Agency for Small and Medium-sized Enterprises

Circular Economy in the Context of H2020 and Smart Specialisation: European perspective

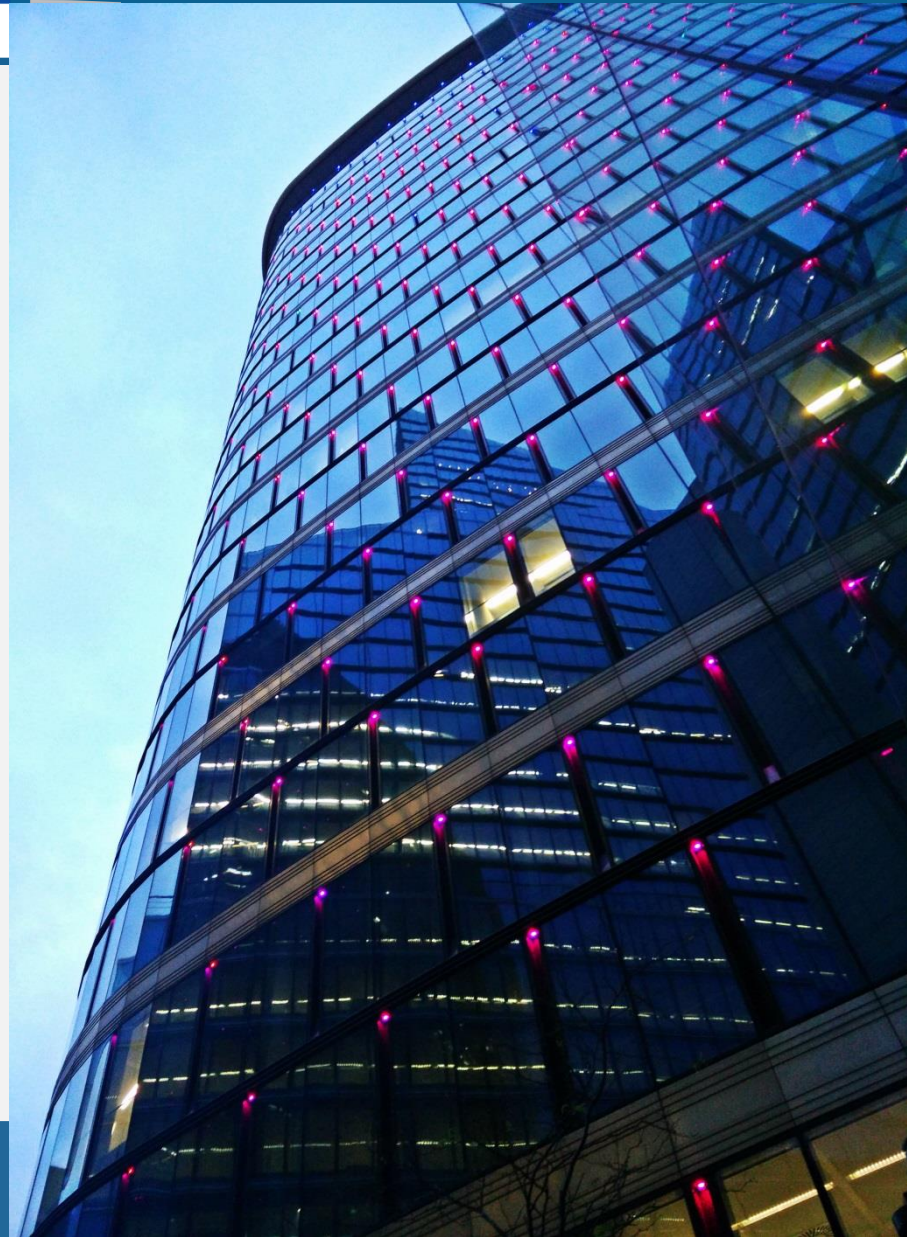
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With contributions from DG ENV, REGIO and RTD

SCREEN Cluster Workshop,
London, 21/11/2017



Outline of presentation

- EASME
- Circular Economy in the EU
- Support for circular economy in H2020 and ESIF
- Synergies between H2020 and ESIF for circular economy



European
Commission

EASME

Executive Agency for Small
and Medium-sized Enterprises

The EASME manages programmes
on behalf of the European Commission,
turning EU policies into action.

Fast Track to Innovation (FTI)

COSME the EU programme
for the Competitiveness of SMEs

Horizon 2020 Innovation
in SMEs actions

€ 7 M

Horizon 2020
SME Instrument
@H2020SME

Horizon 2020
Energy Efficiency
@H2020EE

EU Sustainable
Energy Week
(EUSEW)
@euenergyweek

CIP Eco-innovation

LIFE the EU Programme for the
Environment and Climate Action
@LIFE_Programme

Horizon 2020 Climate action,
resource efficiency and raw materials

@EU_ecoinno

€ 2.7 bn

Sustainable Industry
Low Carbon II (SILC II)

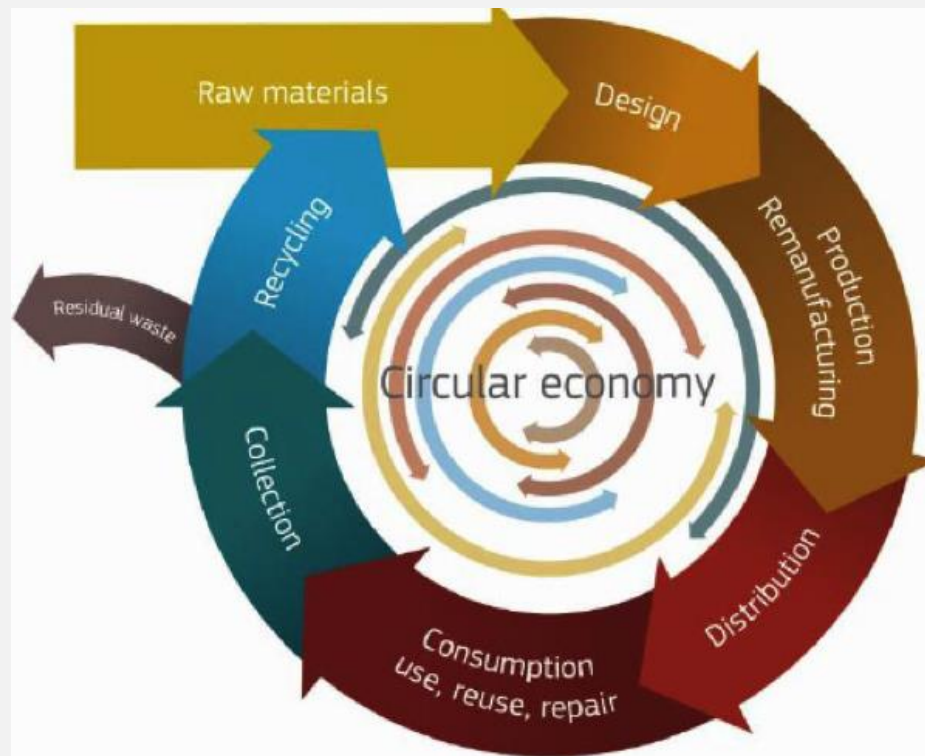
The European Maritime and
Fisheries Fund (EMFF)

Intelligent Energy Europe (IEE)

Executive
Agency
for SMEs

<http://ec.europa.eu/easme>

Circular Economy: an EU priority



Circular Economy and H2020





€30
billion

HORIZON 2020 Work Programme 2018-2020

#InvestEUresearch

#H2020

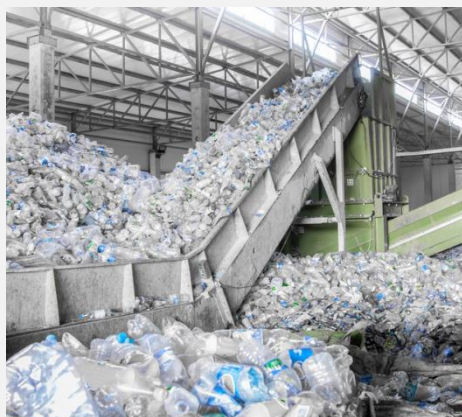


European
Commission

- Adopted
27/10/2017

InfoDay SC5:
8-9/11/2017

Focus Area 'Connecting economic and environmental gains – the Circular Economy'



Covers the main actions in Work Programme 2018-2020 which will directly **support the circular economy policy** integrating production, consumption, waste management and raw materials

- Ensure that **growth no longer requires increasing consumption of resources, energy, water and primary raw materials**
- **Reduce waste**, including from plastics
- Create **new business opportunities** and safeguard **competitive advantages**

€ 940 m

Contributions from work programme parts Industrial Technologies; Food security and Bioeconomy; Energy; Climate, Environment and Raw materials

Call "Greening the economy in line with the Sustainable Development Goals (SDGs)"



- Budget in 2018: €219.7 million
- 2018 topics open: 7 November 2017
- First call deadline: 27 February 2018

- Connecting economic and environmental gains - the circular economy
- Raw materials
- Water for our environment, economy and society
- Innovating cities for sustainability and resilience
- Protecting and leveraging the value of our natural and cultural assets: Earth observation; nature-based solutions, disaster risk reduction and natural capital accounting; heritage alive

Call "Greening the economy in line with the Sustainable Development Goals (SDGs)"

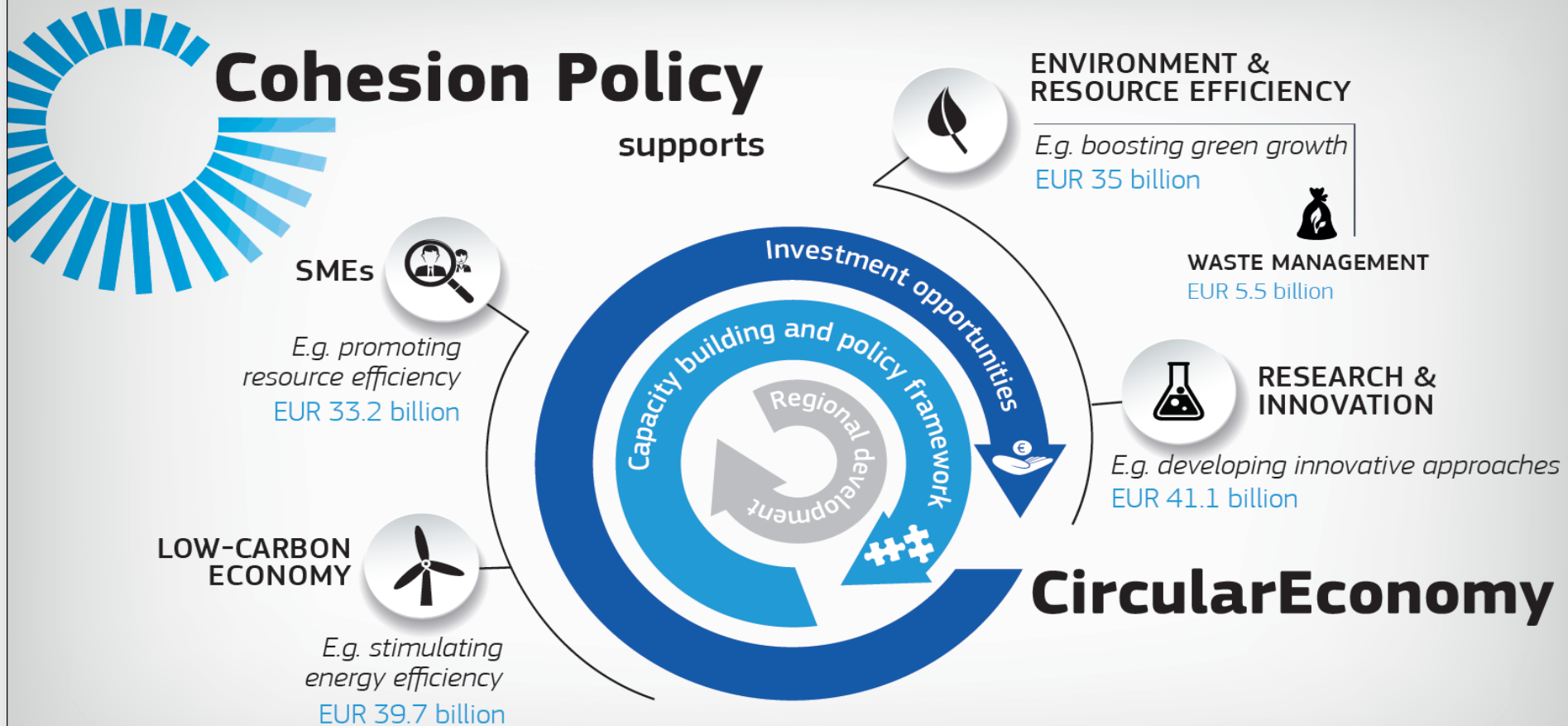
Connecting economic and environmental gains - the circular economy

- **CE-SC5-01-2018: Methods to remove hazardous substances and contaminants from secondary raw materials (RIA)**
- **CE-SC5-02-2018: Independent testing programme on premature obsolescence (RIA)**
- **CE-SC5-03-2018: Demonstrating systemic urban development for circular and regenerative cities (IA)**
- **CE-SC5-04-2019: Building a water-smart economy and society (IA)**
 - a) Symbiosis between industry and water utilities
 - b) Large scale applications with multiple water users at various scales
- **CE-SC5-05-2018: Coordinated approaches to funding and promotion of research and innovation for the circular economy (CSA)**

Call "Greening the economy in line with the Sustainable Development Goals (SDGs)"

Connecting economic and environmental gains - the circular economy

- **CE-SC5-06-2018: New technologies for the enhanced recovery of by-products (RIA)**
- **CE-SC5-07-2018-2019-2020: Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes (IA)**
 - a) Sustainable processing and refining of primary and/or secondary raw materials
 - b) Recycling of raw materials from end-of-life products
 - c) Recycling of raw materials from buildings
 - d) Advanced sorting systems for high-performance recycling of complex end-of-life products
- **CE-SC5-08-2018-2019-2020: Raw materials policy support actions for the circular economy (CSA)**
 - a) Voluntary scheme for certification of treatment facilities for key types of wastes (2018)
 - b) Resource efficiency in wood processing, recovery and recycling (2018)



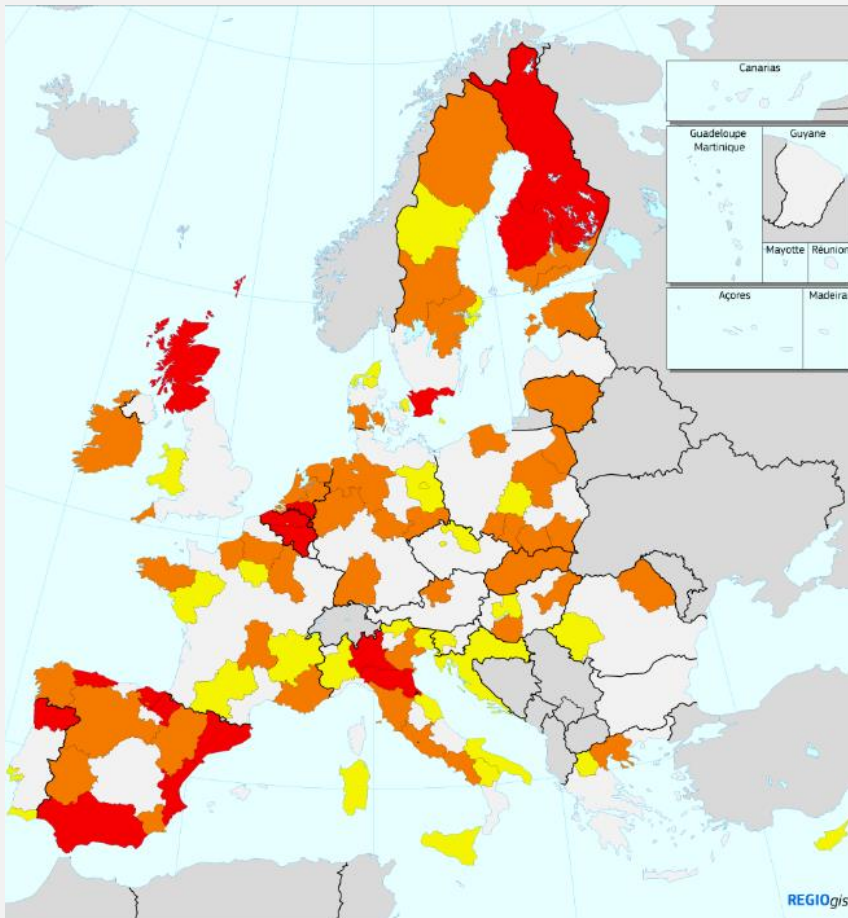
More opportunities for CE

- **Integrated actions for sustainable urban development**
 - Part of the funds managed by cities directly (Art. 7 ERDF Regulation)
 - EUR 15 billion (40% to low-carbon economy, 20% to environmental protection)
- **Urban Agenda for the EU**
 - European Commission working with cities, Member States and stakeholders to strengthen urban dimension in EU policies
 - 'Circular economy' is a priority theme
- **Urban Innovative Actions**
 - EUR 371 million, to experiment novel ideas (Art. 8 ERDF Regulation)
 - 2nd call (now closed) included circular economy
- **Urban Development Network** and other support tools

■ for **Energy**
■ for **Industrial Modernisation**
■ for **Agri-Food**

TSSP

- To boost innovation and investment projects through inter-regional cooperation
- To complement efforts in the implementation of national/ regional OPs and their respective RIS3
- To enable development of project investment pipelines using economy of scale and scope possible only at EU level
- To build synergies with other regional, national and European initiatives (Horizon 2020, COSME, EFSI etc)



Thematic Smart Specialisation Platforms:
Which regions participate and in how many different partnerships?

Number of participations



Source: JRC, DG REGIO

How to enhance synergies between H2020 and ESIF for CE

Enabling synergies between European Structural and Investment Funds, Horizon 2020 and other research, innovation and competitiveness-related Union programmes

Guidance for policy-makers and implementing bodies



EU Funds
working together
for jobs & growth

Synergies between Research and Innovation Funding Programmes

3



SMART
SPECIALISATION
PLATFORM

STAIRWAY TO EXCELLENCE (S2E)

18/1/2018
Workshop on
synergies
H2020 &
ESIF:
downstream
combination
for CE

Synergies between the
R&I Framework Programmes
and the European Structural
& Investment Funds

Executive
Agency for
ERDF

Research & Innovation

Seal of Excellence



#SealofExcellence

Become an independent expert



- ✓ Private sector / innovation agencies
- ✓ Local / national authorities / agencies
- ✓ Academia

Call for experts:

<http://ec.europa.eu/easme/en/call-experts-climate-action-environment-resources-management>



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**THANK YOU
FOR YOUR ATTENTION**

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