



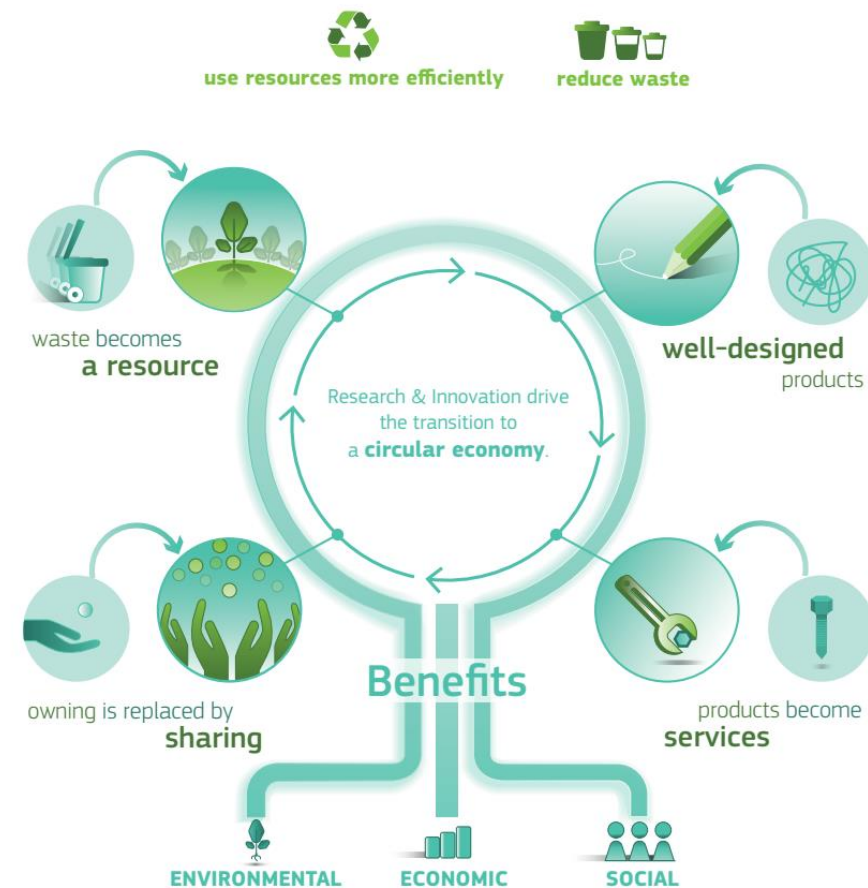
# **FISSAC Final Conference**

## **Horizon 2020 Research and Innovation for the Circular Economy**

**Stefania Rocca  
Project Adviser - EASME  
H2020 Eco-Innovation  
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# Circular Economy Research and Innovation

- ✓ **Going beyond waste:**  
Interdependence across the value chain
- ✓ **All form of innovations:**  
technological and non-technological
- ✓ **Large-scale demonstration projects**
- ✓ **Focus on impact**



# Horizon 2020 and the Circular Economy

“Waste” focus areas  
2014-2015: € 190 M



“Industry 2020 in the Circular Economy”  
2016-2017: € 650 M



“Connecting economic and environmental gains – the Circular Economy”  
2018-2020: € 940 M

- ✓ 2014: Moving towards a circular economy through industrial symbiosis
  - **BAMB, FISSAC**
- ✓ 2014: Recycling of raw materials from products and building
  - **HISER**
- ✓ 2016-2017: Systemic: large-scale demonstration projects
  - **ECOBULK, PAPERCHAIN**
  - **CINDERELA, HOUSEFUL**
- ✓ 2018: methods to remove hazardous substances and contaminants from secondary raw materials
  - **CREAToR, NONTOX, REMADYL**

# Horizon 2020: relevant open calls

- Climate action, environment, resource efficiency and raw materials (SC5) (Types of Action: 1 IA, 1 CSA – Budget: 44 M€)
- Cross-cutting activities: Call Competitive, Low Carbon and Circular Industries (Types of Action: 2 IAs, 1 CSA – Budget: 58 M€)
- Nanotechnologies, Advanced Materials, Biotechnology, and Advanced Manufacturing and Processing (NMBP) (Types of Action: ERA-NET, 1 RIA, 3 IAs - Budget: 118.5 M€)



## Deadlines:

- One stage and first stage topics: (5 or 13) February 2020
- Second stage topics: 3 September 2020

- Information Day SC5 - 2020 Calls – Recording

# Showcase projects results

- ✓ [Horizon Results Platform](#)
- ✓ [Dissemination & Exploitation Booster](#)
- ✓ [Solar Impulse – 1000 solutions](#)
- ✓ [IPR Helpdesk](#)
- ✓ [Investment Plan for Europe](#)
- ✓ [Circular Economy Stakeholders Platform](#)

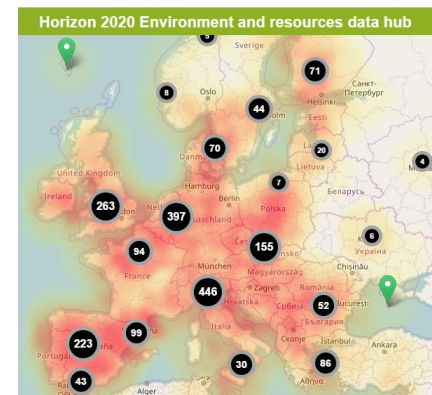


#investEU

# Looking for partners?

- ✓ EASME website: [Partner search tools](#)
- ✓ LinkedIn group: [EU projects & partner search - EASME](#)
- ✓ [Horizon dashboard](#)
- ✓ [EASME data hubs](#):

- H2020 Environment and Resources
- H2020 Energy efficiency
- H2020 SMEs instrument
- LIFE
- ...



# What's next?

## ✓ **Horizon Europe (2021-2027)**

EU Commission proposal for a **€ 100 billion** R&I funding programme for seven years, to:



**strengthen** the EU's scientific and technological bases



**boost** Europe's innovation capacity, competitiveness and jobs



**deliver** on citizens' priorities and sustain our socio-economic model and values



#HorizonEU

# Horizon Europe:

## Evolution Not Revolution

Support the creation and diffusion of high-quality knowledge

Strengthen the impact of R&I in supporting EU policies

Foster all forms of innovation and strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



### Pillar 1 Open Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



### Pillar 2 Global Challenges and Industrial Competitiveness

Clusters

- Health
- Inclusive and Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Joint Research Centre



### Pillar 3 Open Innovation

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

### Strengthening the European Research Area

Sharing excellence

Reforming and Enhancing the European R&I system



# Become an independent expert



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

[Call for experts](#)

# EASME

Executive Agency for Small and Medium-sized Enterprises

**THANK YOU  
FOR YOUR ATTENTION**

Stefania Rocca  
Project Adviser H2020 Eco-Innovation  
[stefania.rocca@ec.europa.eu](mailto:stefania.rocca@ec.europa.eu)

EASME on Twitter  @H2020EE • @H2020SME • @EEN\_EU • @EU\_ECOINNO

[@EUScienceInnov](#) [@EU\\_H2020](#) [@HorizonMagEU](#)

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