



# *Circular Economy* in the EU R&I programmes

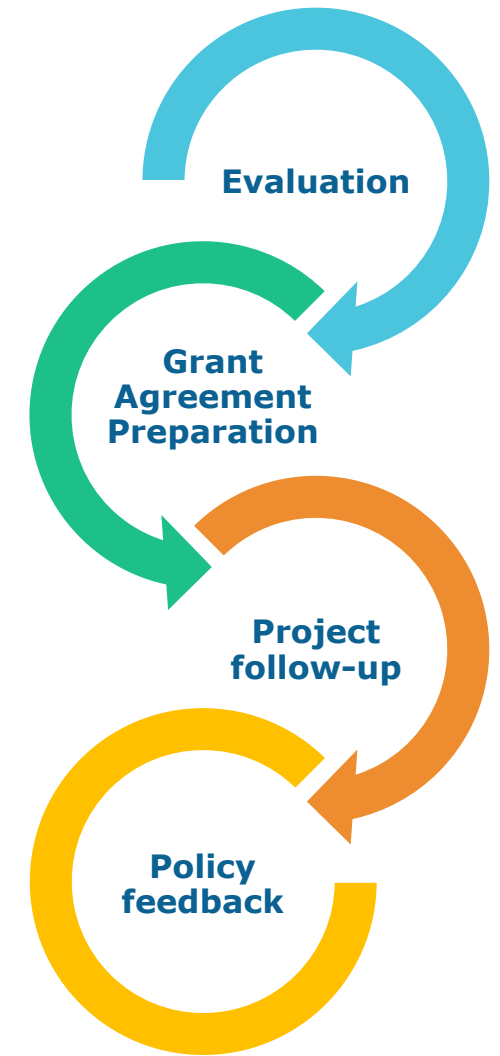
REPAiR online final event, 13 October 2020

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*European Commission Executive Agency EASME*

# EC Executive Agency EASME

- Managing delegated EU programmes
- Allows DGs to concentrate on policy
- Regular exchange with DGs
- In charge of the whole cycle of project implementation:
  - Evaluation of Proposals
  - Grant Agreement Preparation
  - Scientific/Technical and Financial monitoring of projects
  - Supporting exploitation and dissemination of project results – policy feedback



# Successful EU project

- Delivers tangible results on the expected impacts
- Shows streamlined and professional project management
- Fully complies with the Grant Agreement



# REPAiR

- Successful project
- Operationalising the transition towards the circular economy
- Key elements delivering the expected impact:
  - ***GDSE online tool (Geodesign Decision Support Environment)***
  - ***Knowledge transfer – online handbook***

# Other EU projects towards Circular Economy



- **Urban\_Wins toolkit:** A guide on urban metabolism and participatory processes for more efficient urban waste policies.

[www.urbanwins.eu](http://www.urbanwins.eu)



- Focus on tourism
  - Communities of Practice
  - Capacity Building
  - Guidelines for policy makers
- <http://www.urban-waste.eu>

# Other EU projects towards Circular Economy



- Value chain based partnerships
- Governance model for cities
- Decision support tools
- <http://www.ce-force.eu>



- Business Model for Sustainable Urban Construction
- CinderOSS service
- <https://www.cinderela.eu>

# The EU policy context

## Circular Economy – evolution of EU policies

- 2015 – 1st Circular Economy Action Plan
- 2018 - Circular Economy Package (legislative framework)
- 2019 – Report on the Implementation on the CE Action Plan
- 2020 – new Circular Economy Action Plan (part of the Green Deal)



# The EU R&I dimension

- **Horizon 2020** – CE is a cross-cutting priority
  - 2016-2018: **1,6 Bn** EUR invested
  - 2019-2020: **960 M** EUR allocated
- **InnovFin** – EU Finance for innovators (EIB)
  - Options for CE and for innovative and high-risk projects





# Ongoing Calls for proposals



## **CALL - Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries**

- **LC-BAT-10-2020:** Next generation and realisation of battery packs for BEV and PHEV

## **CALL: Competitive, Low Carbon and Circular Industries**

- **CE-SC5-07-2020:** Raw materials innovation for the circular economy: sustainable processing, reuse, recycling and recovery schemes (IA)
- **CE-SC5-08-2020:** Raw materials policy support actions for the circular economy - Expert network on Critical Raw Materials (CSA)
- **CE-SC5-31-2020:** Develop, implement and assess a circular economy oriented product information management system for complex products from cradle to cradle (IA)

# Calls currently open



## **GREEN DEAL Call - Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal**

### **Area 3: Industry for a clean and circular economy**

- **LC-GD-3-1-2020:** Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources
- **LC-GD-3-2-2020:** Demonstration of systemic solutions for the territorial deployment of the circular economy

# Next Framework Programme



# Next Framework Programme

## MISSION AREAS:

Soil health and food



Climate-neutral  
and smart cities



Healthy oceans,  
seas, coastal and  
inland waters



Cancer



Adaptation to climate  
change, including  
societal transformation



#HorizonEU



European  
Commission



# Next Framework Programme



# Circular economy in Horizon Europe

- Calls and topics are under discussion
- Expected focus shift:
  - Innovation Actions
  - Technology deployment
  - Bringing solutions to the market
  - TRL 7 and higher
  - Data / Indicator / Benchmarking
  - Explore CE climate mitigation potential

# Thank you for your attention

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