



EASME

Executive Agency for Small and Medium-sized Enterprises

H2020-WASTE-1-2014

Moving towards a circular economy
through industrial symbiosis



ENVIRONMENT

Carmen Mena Abela
Head of Sector EASME B.2.1.
H2020 Eco-innovation



EASME



Vision



"We aim to help create a more competitive and resource-efficient European economy based on knowledge and innovation."

Mission



"We provide high quality support to our beneficiaries, turning EU policy into action.

As an executive agency of the European Commission, we manage significant parts of COSME, LIFE, Horizon 2020 and EMFF.

We ensure that actions funded by these programmes deliver results and provide the Commission with valuable input for its policy tasks."

2014-2020 Programmes



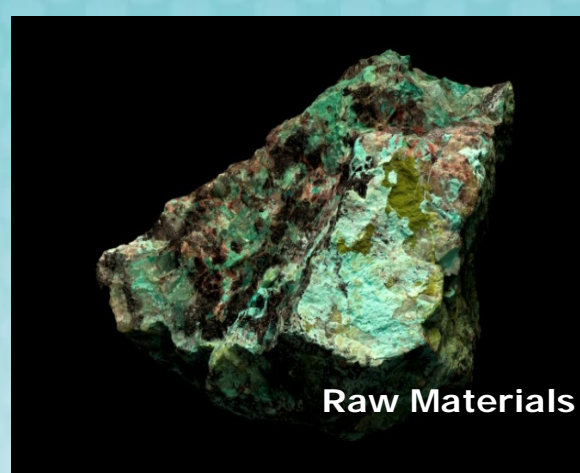
- *Part of Horizon 2020*
- *COSME*
- *LIFE*
- *European Maritime and Fisheries Fund (EMFF)*
- *Legacy of IEE*
- *Legacy of Eco-innovation*



H2020 – Societal challenge 5



Helping to build a circular economy Budget of €3 billion over 7 years for:



Executive
Agency
for SMEs





Climate action, environment, resource efficiency and raw materials



- *Bi-annual work programme describing topics*
- *Technology Readiness Level (TRL) depending on topic*
- *Annual call for proposals (one or two-stage)*
- *Types of action:*
 - Coordination and support action (100%)
 - Innovation action (70%*)
 - Research and innovation action (100%)
- *Rules for participation*

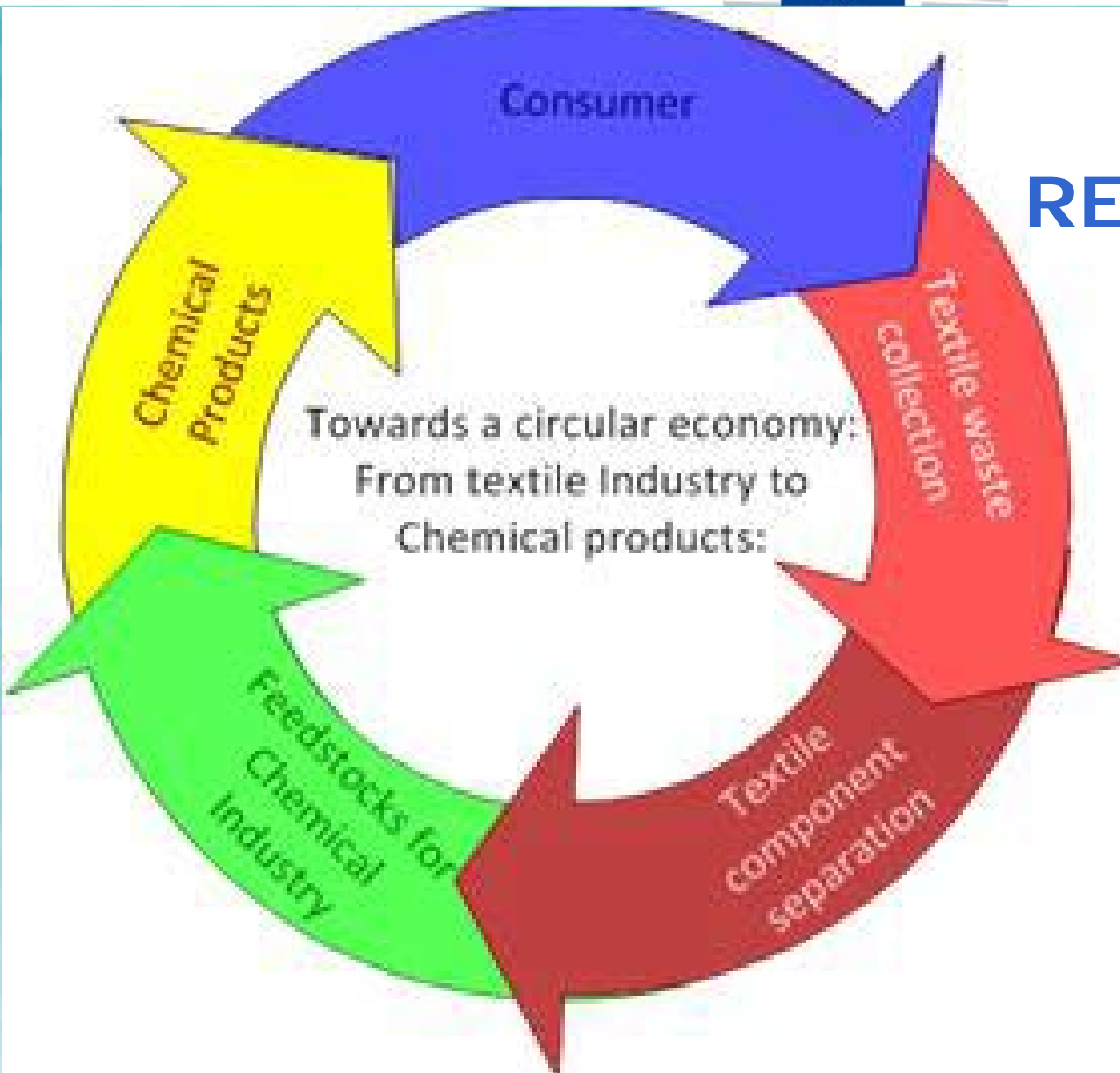
* 100% for non-profit organisations



Projects retained for funding

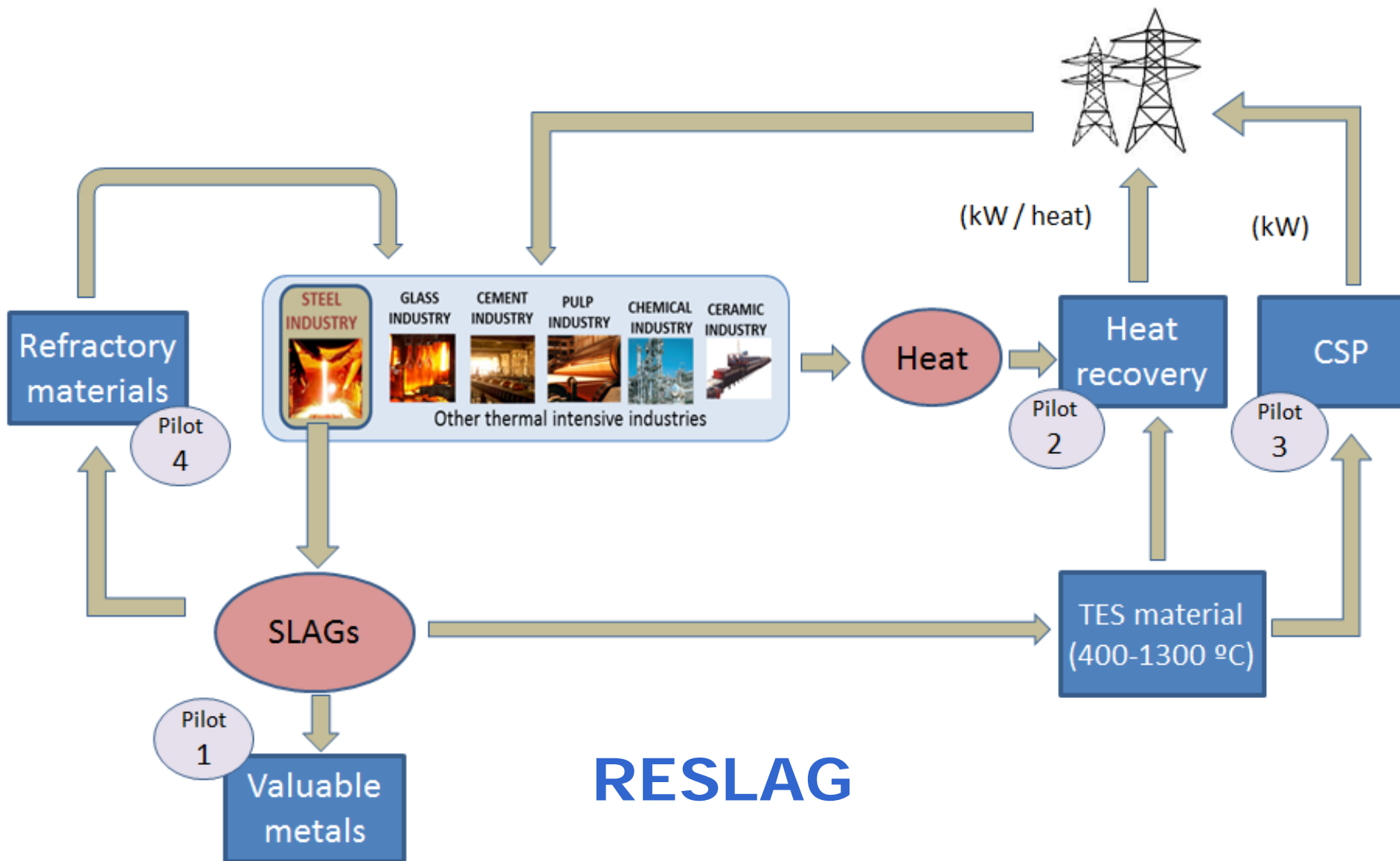


Moving towards a circular economy through industrial symbiosis (IA)



RESYNTHEX







FISSAC



Caroline Henrotay, IBGE/BIM



BAMB





CABRISS

SMALL QUANTITIES < 30-40 MODULES



Check the location of your closest collection point at www.pvcycle.org

After dismantling or renovation, your de-installer will take the end-of-life PV modules to the closest collection point.

Modules are disposed of in the containers located at the collection points.

Once the containers are full, they will be taken to the recycling plant. Empty ones will be delivered to the collection points.



New raw materials are ready to be used in various products.



LARGE QUANTITIES > 30-40 MODULES



Call or email PV CYCLE to schedule a pick up. A truck will be sent to take your end-of-life PV modules to one of our partner recycling facilities.

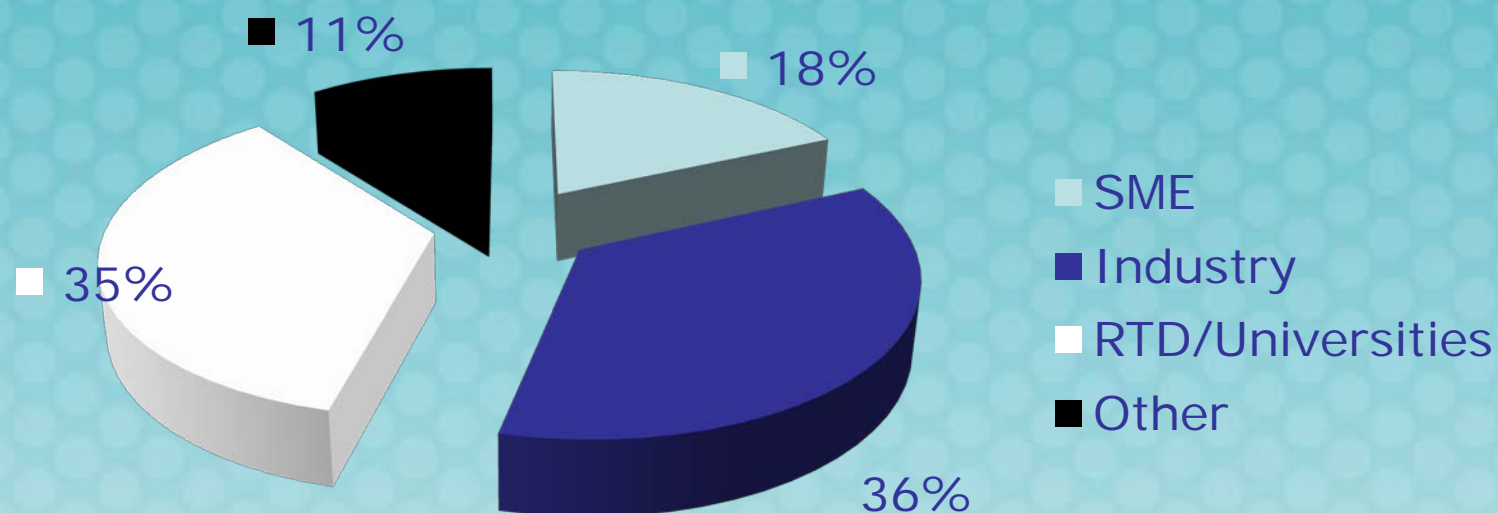




Number of participants per type of beneficiary



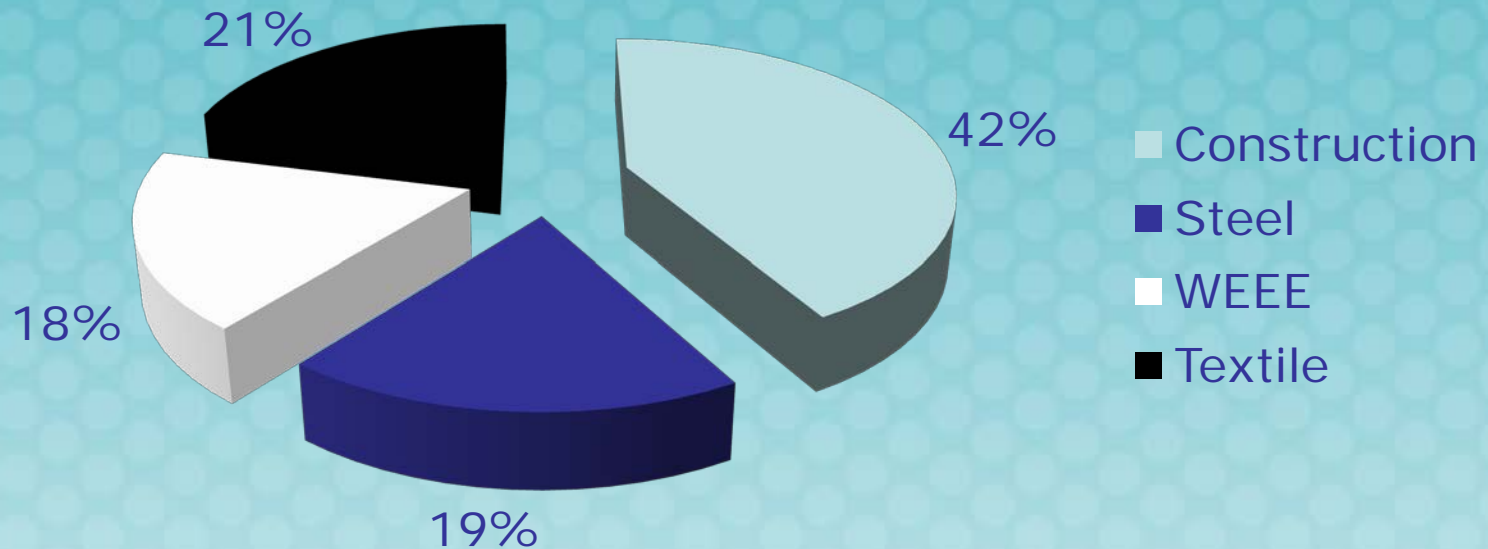
Total: 98 participants





Division budget across sectors

Total: 42,9 M€

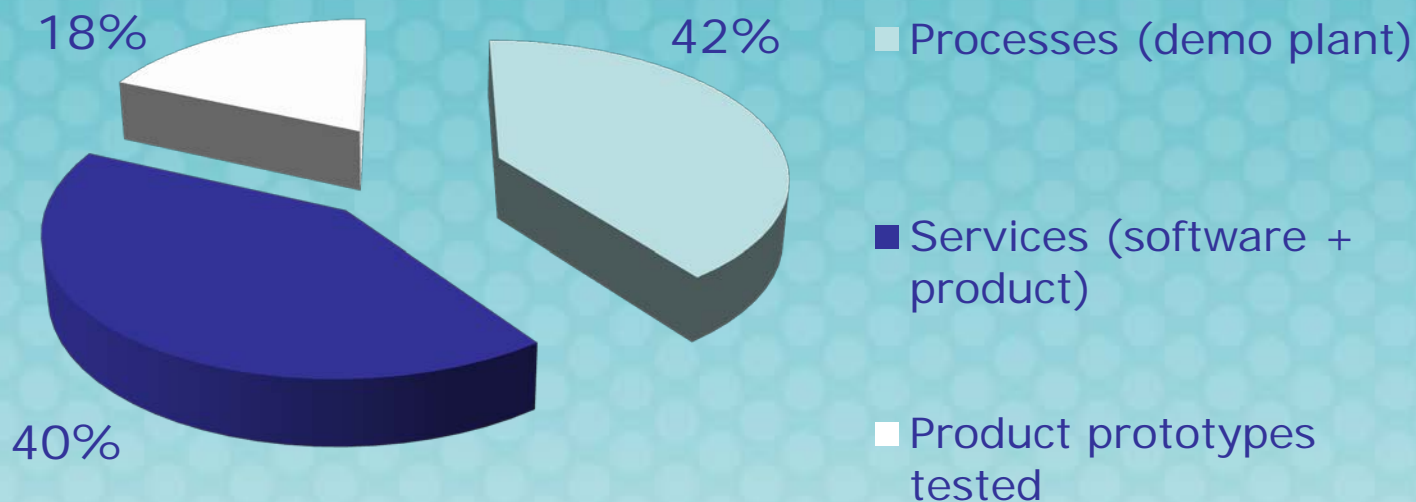




Expected outcome of projects



Total: 42,9 M € (5 projects)





Expected outcome of projects

Budget (total: 42,9 M€)

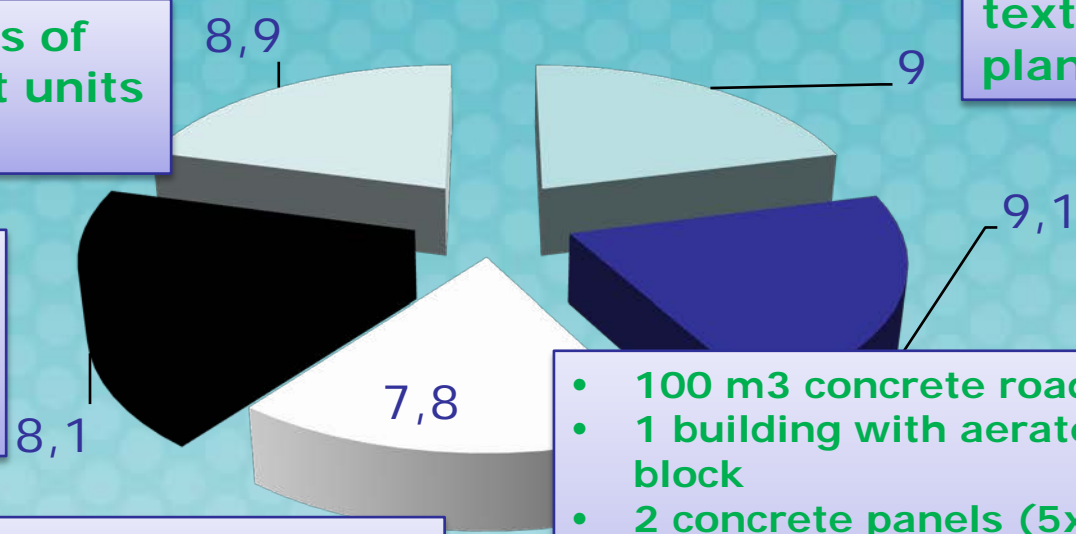
- 3 refurbishments of modular student units
- software

500 tons/y textile recycling plant

23 tons of steel slag recycled/reused (4 pilot plants)

10 PV modules made of recycled material

- 100 m3 concrete road pavement
- 1 building with aerated concrete block
- 2 concrete panels (5x3m) in façade
- 200 m2 ceramic floor tiles
- 1 outdoor construction with rubber wood plastic composite
- software



Coming Events



H2020 Environment and Resources Info Day

21st September 2015, Brussels

Coming Events



H2020 Waste clustering workshop

8th December 2015, Brussels (tbc)

Call for Experts



Are you an expert on Eco-Innovation?

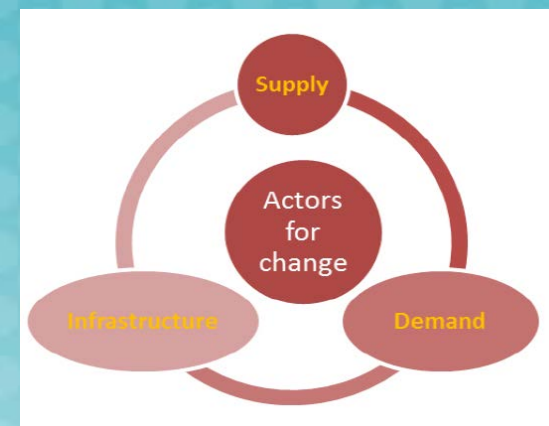
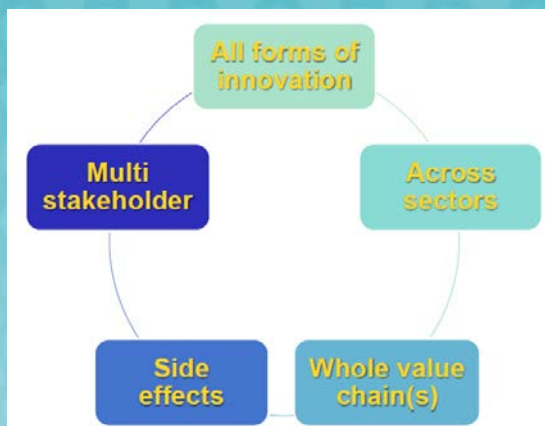


<https://ec.europa.eu/research/participants/portal/desktop/en/experts/>

Systemic Approach to Eco-innovation...



...is about **CHANGE & IMPACTS**
(from *SC5 Horizon Advisory Group Report 2014*)



<http://bookshop.europa.eu/en/systemic-eco-innovation-pbKI0214461/>



**THANK YOU VERY MUCH
FOR YOUR ATTENTION**

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