



European
Commission

EASME

Executive Agency for Small and Medium-sized Enterprises

H2020-WASTE-1-2014

Moving towards a circular economy
through industrial symbiosis



ENVIRONMENT

Manuel Irun Molina
Project Adviser EASME B.2.1.
H2020 Eco-innovation

INTRODUCING SPIRE 2014 PROJECTS
Brussels, 29 June 2015

Executive
Agency
for SMEs

Disclaimer: This communication does not constitute any formal commitment on behalf of the EASME or the European Commission.



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



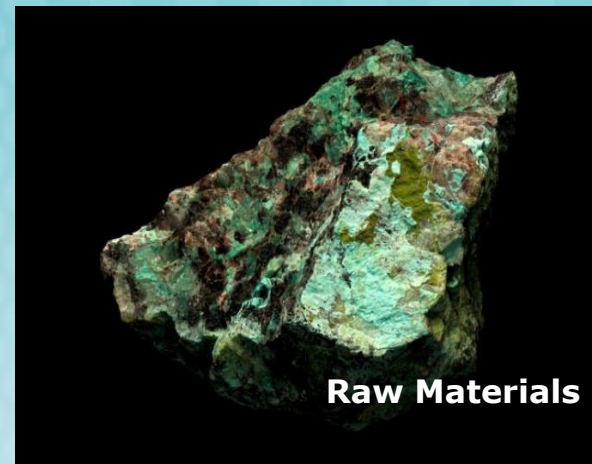
- *Part of Horizon 2020*
- *COSME*
- *LIFE*
- *European Maritime and Fisheries Fund (EMFF)*
- *Legacy of IEE*
- *Legacy of Eco-innovation*



H2020 – Societal challenge 5



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





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*

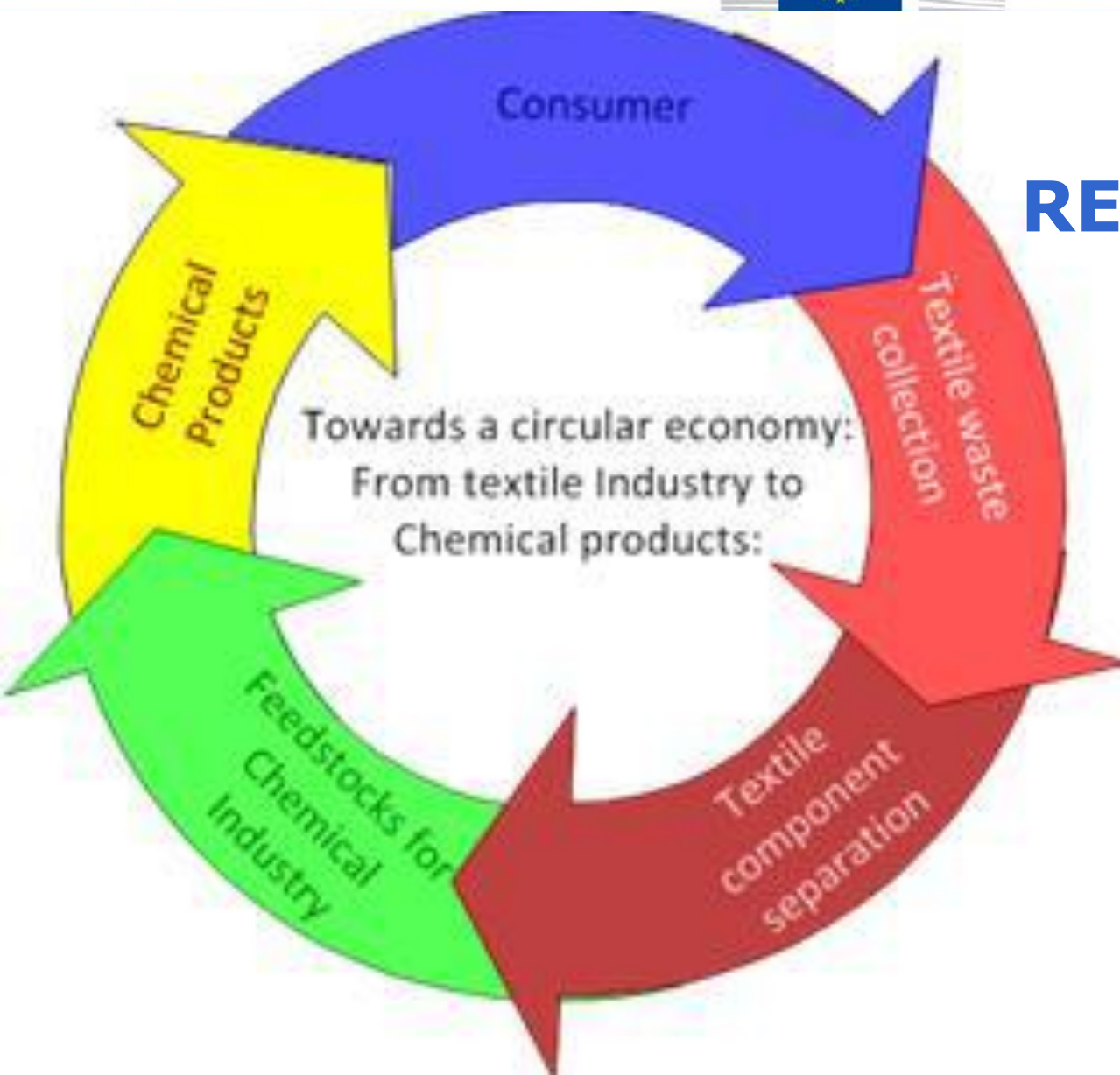
* 100% for non-profit organisations



Projects retained for funding



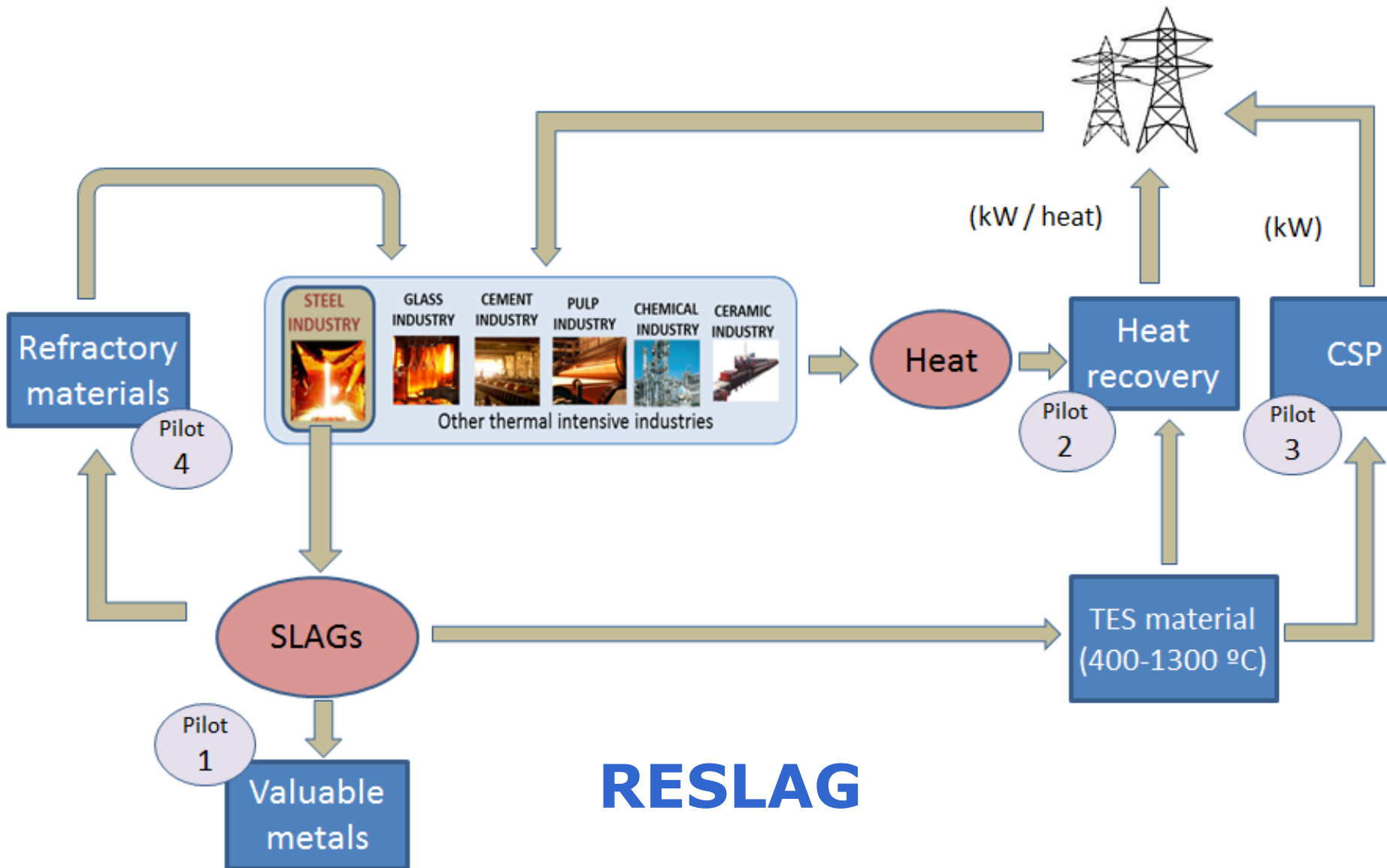
Moving towards a circular economy through industrial symbiosis (IA)



RESYNTHEX



Bruno D'Aguanno, CICE
Lola Maldonado, CICE



Juan Jose Cepria, ACCIONA



FISSAC



Caroline Henrotay, IBGE/BIM



BAMB

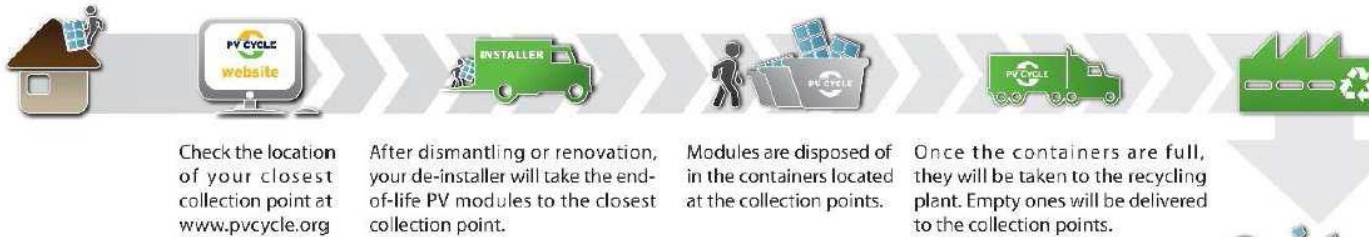




CABRISS



SMALL QUANTITIES < 30-40 MODULES



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

LARGE QUANTITIES > 30-40 MODULES

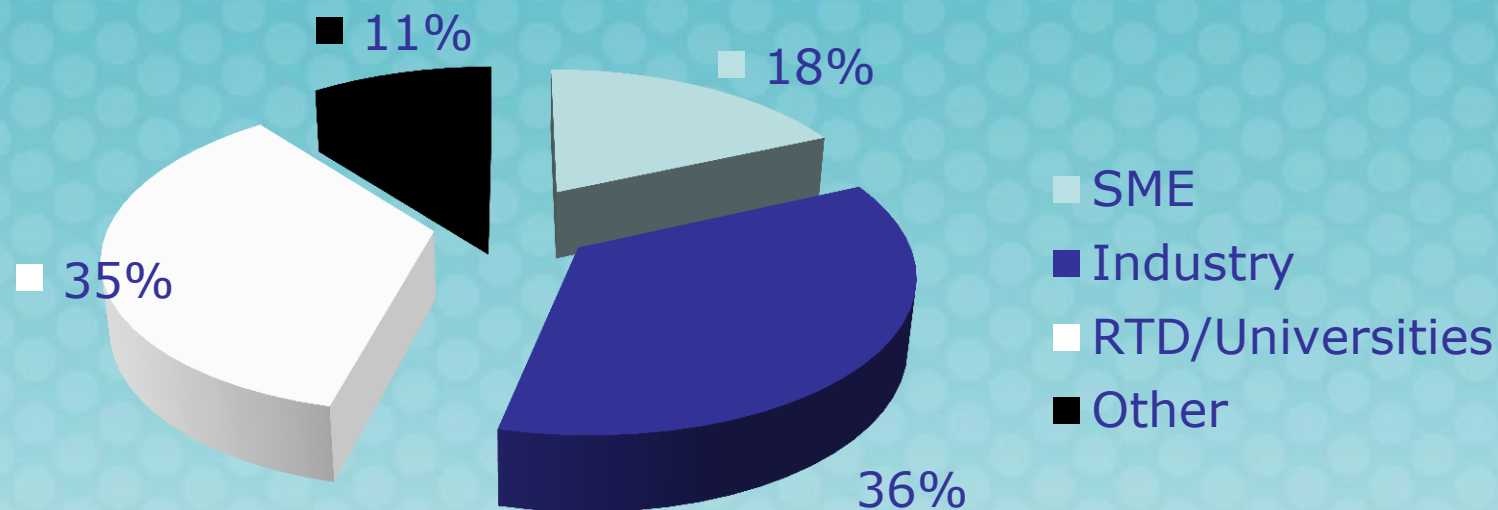




Number of participants per type of beneficiary



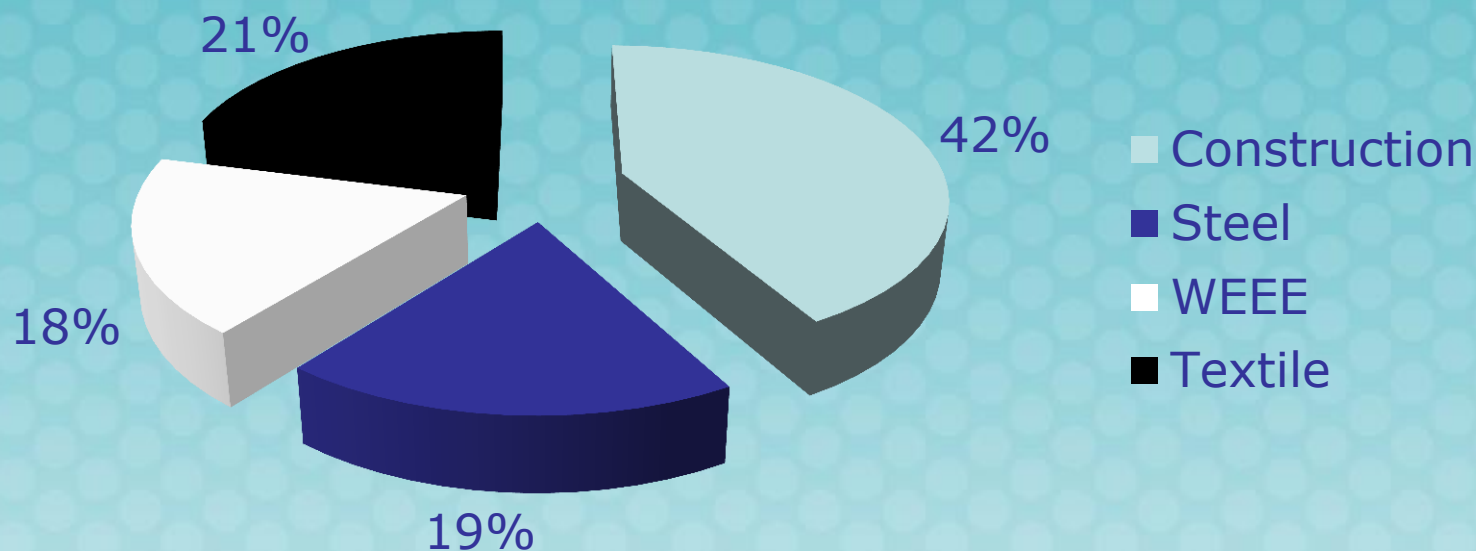
Total: 98 participants





Division budget across sectors

Total: 42,9 M€

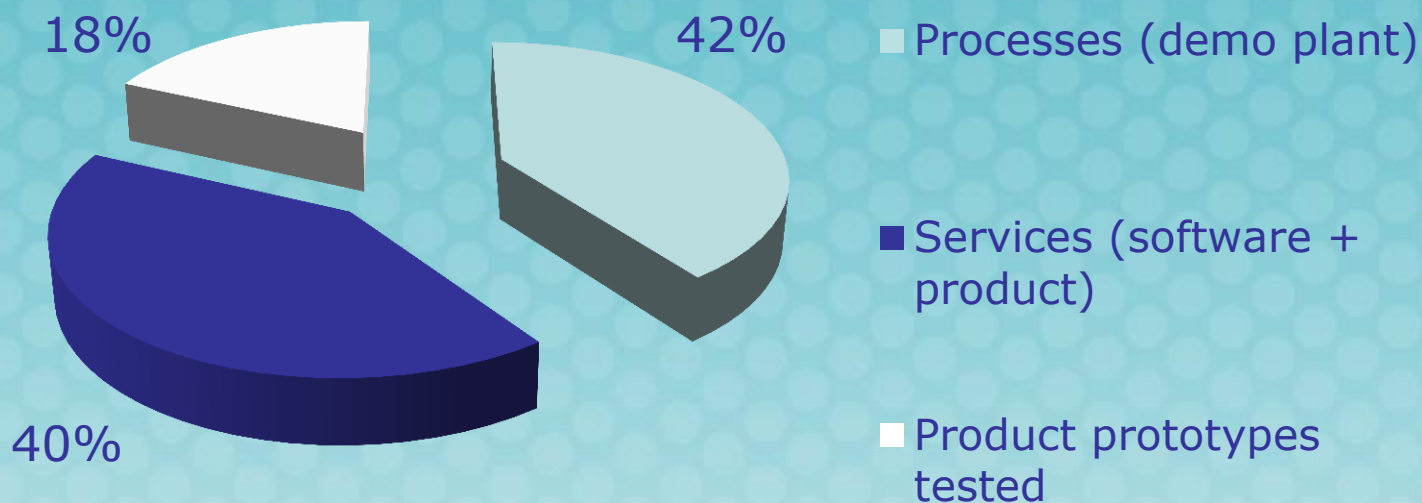




Expected outcome of projects



Total: 42,9 M € (5 projects)





Expected outcome of projects

Budget (total: 42,9 M€)

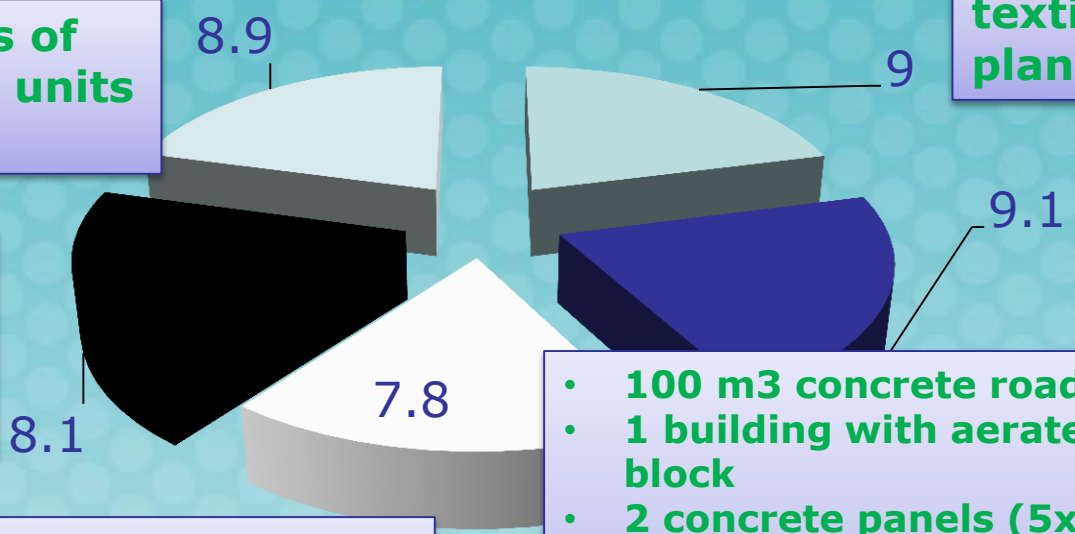
- 3 refurbishments of modular student units
- software

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?

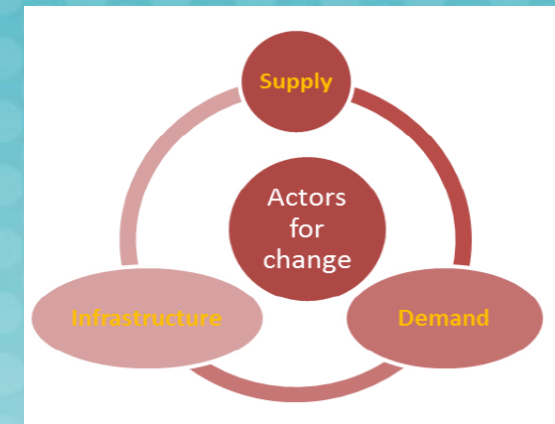
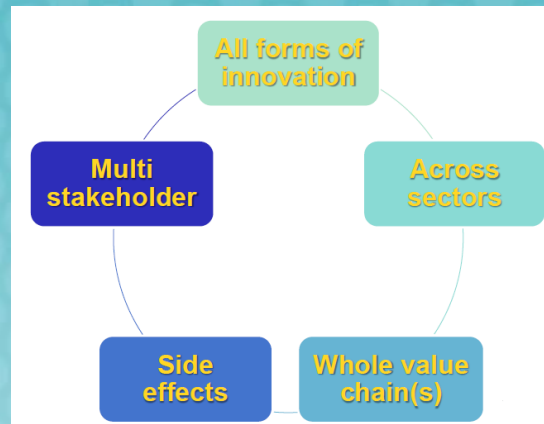


<https://ec.europa.eu/research/participants/portal/desktop/en/experts/>

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/>



European
Commission

**THANK YOU VERY MUCH
FOR YOUR ATTENTION**

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