

EASME

Executive Agency for Small and Medium-sized Enterprises



SME SUPPORT



ENERGY



ENVIRONMENT



MARITIME



EASME

Executive Agency for Small and Medium-sized Enterprises

Master-class on Horizon 2020 & LIFE: How to win funds for your innovative research projects?

**5th International Conference on
Sustainable Solid Waste Management
Athens, 21-24 June 2017**

Executive
Agency for
SMEs

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Horizon 2020 Environment and
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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 € 0.8 BN*

Enterprise Europe Network @EEN_EU

Horizon 2020 SME Instrument
@H2020SME € 3.1 BN*

Horizon 2020 Energy Efficiency
@H2020EE € 0.8 BN*

EU Sustainable Energy Week (EUSEW)
@euenergyweek

CIP Eco-innovation

LIFE the EU Programme for the Environment and Climate Action
@LIFE_Programme € 3.1 BN*

Intelligent Energy Europe (IEE)

The European Maritime and Fisheries Fund (EMFF) € 0.34 BN*

Horizon 2020 Climate action, environment, resource efficiency and raw materials
@EU_ecoinno € 2.7 BN*

Sustainable Industry Low Carbon II (SILC II)

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Key features of Horizon 2020

#1

The first **integrated programme**, covering both basic research and close-to-market innovation.



Total budget of ~ **EUR 77 billion** (2014-2020).



A **3 pillar approach** with one general objective: *"To contribute to building a society and economy based on knowledge and innovation across the Union."*



Key features of Horizon 2020



Excellence as guiding principle.



Central management by EC, guided by **Strategic programming** process.

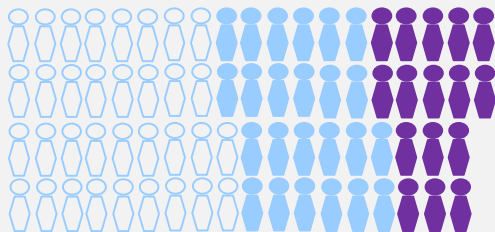


A large **toolbox of instruments** and actions.



Radical **simplification** compared to predecessor (FP7)

Where we stand

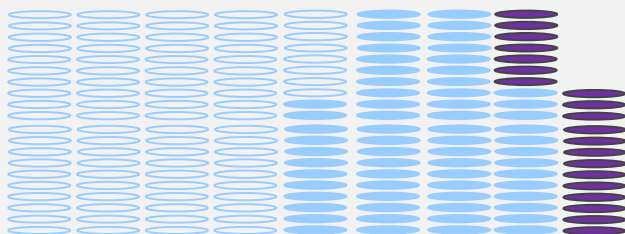


~75,000 applicants
submitted over 100,000 proposals
requesting EUR ~173 billion

~**11,000 grants** were signed for
~**EUR 20 billion**



Overall success rate: 11.6%



**Less than 1 in 4 high-quality
proposals could be funded**

Examples of Horizon 2020 projects



Coordinator: Institut Bruxellois pour la Gestion de l'Environnement (BE)

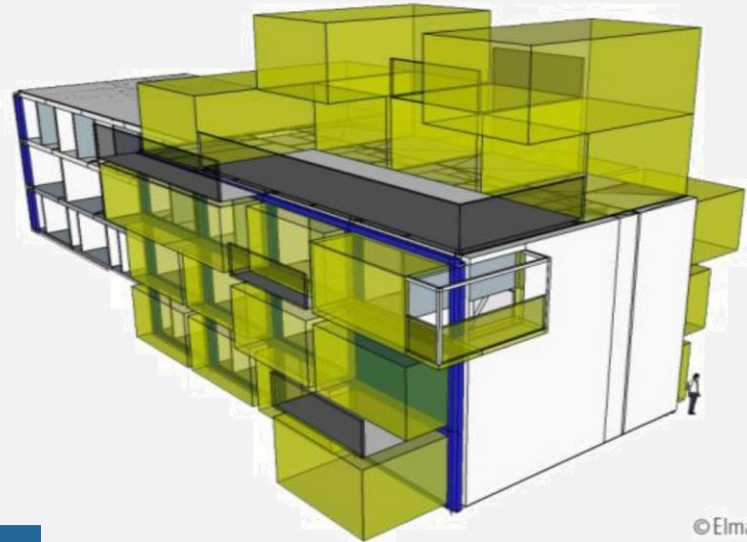
Beneficiaries: 16 (BE, NL, DE, UK, SE, PT, BA, BG)

EU contribution: € 8,858,766

Duration: 48 months (Started: September 2015)

Instrument: Innovation Action

- Design and circular value chains to prevent C&D waste and reduce virgin material consumption
 - ✓ **C2Craddle & Materials Passports**
 - ✓ **Reversible building design**
 - ✓ **New business models**



Examples of Horizon 2020 projects



Coordinator: Acciona (ES)

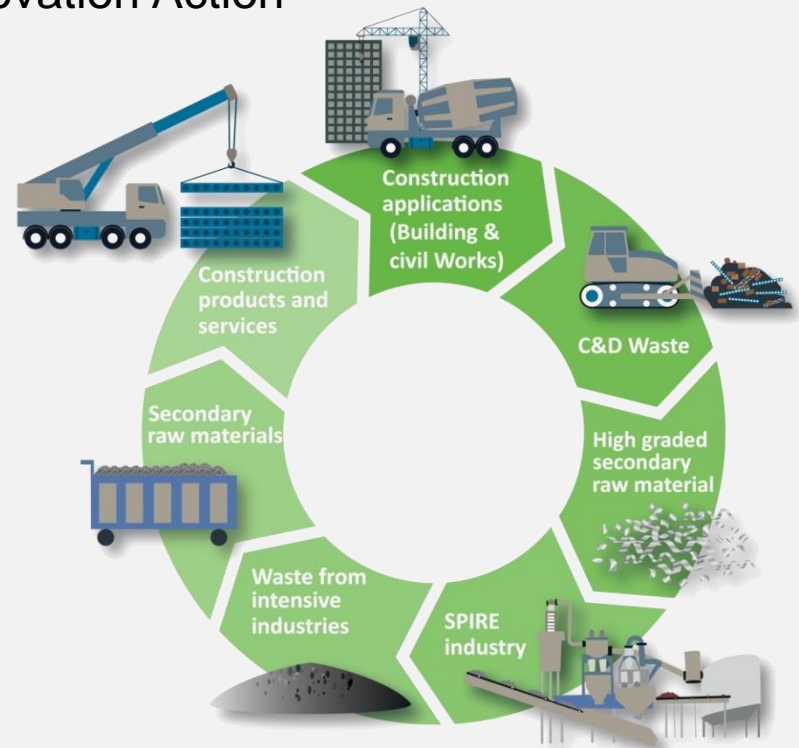
Beneficiaries: 26 (ES, TK, BE, DE, UK, SE, IT, CZ, HU)

EU contribution: € 9,108,594.25

Duration: 54 months (Started: September 2015)

Instrument: Innovation Action

- Develop a methodology and software platform to support industrial symbiosis networks between resource intensive industries and stakeholders in the extended construction and demolition value chain



<http://fissacproject.eu/en/>

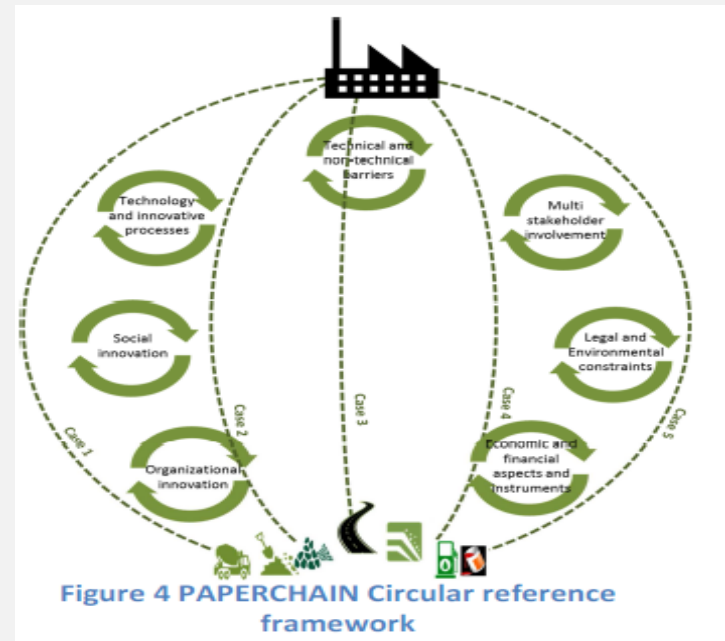
Examples of Horizon 2020 projects



- Instrument: IA
- Total Cost: € 9270322,50
- EC Contribution: € 7826080,89
- Duration: 4 years (2017 -2021)
- Project Coordinator: ACCIONA INFRAESTRUCTURAS S.A. (ES)

Deployment of five novel circular economy models for valorisation of PPI waste streams.

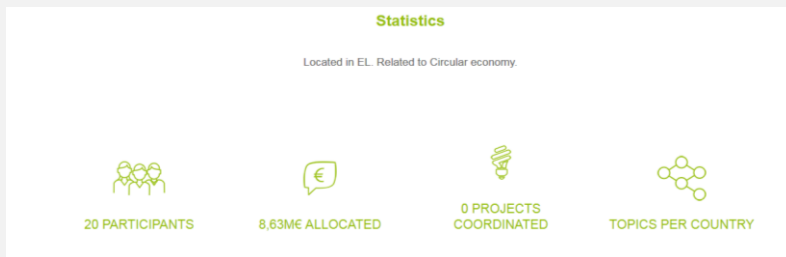
Secondary raw material for resource intensive sectors: construction, sector, mining sector and chemical industry.



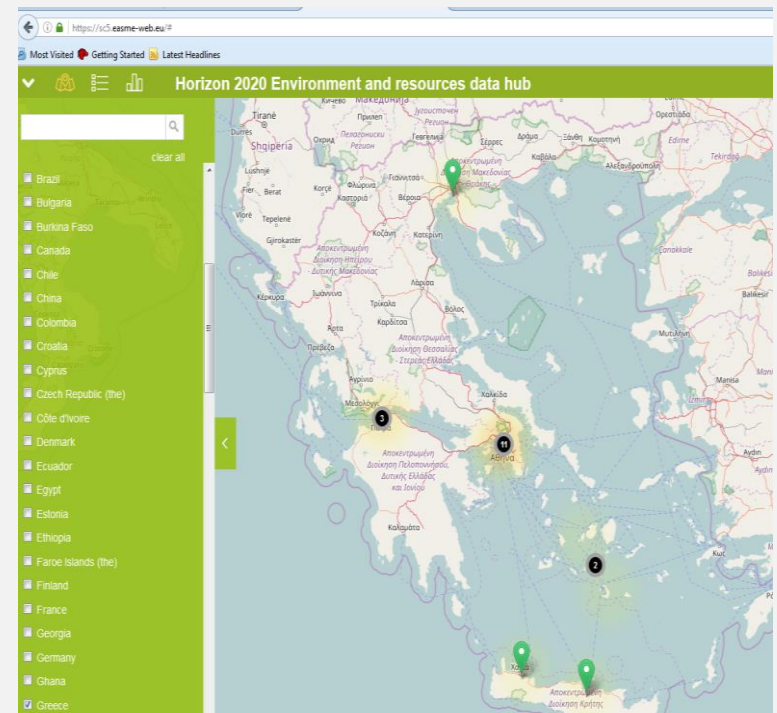
Data hub

<https://sc5.easme-web.eu/#>

- Open access covering EASME programs
- Projects summaries and beneficiaries
- Relevant statistics per topics



Horizon 2020 Environment and resources data hub



LIFE Programme – a snapshot

- **EU programme for the Environment and Climate Action, with an exclusive focus on those areas**
- Since 1992 **to improve the state of the environment**
- Budget 2014-2020: **€3,456.7 million**
- **One of the key objectives:** contributing towards a **resource-efficient, low-carbon and climate-resilient economy**; protecting and improving the **environment**



Under the new LIFE programme 2014-2020, 100 MEUR so far invested into over 80 projects

Examples of LIFE projects



REFRESHMENT

*An innovative method for the **re-use of spent grain for the production of 2 non-alcoholic beverages**: 1. organic fermented and carbonated drink*

2. healthy cereal-based breakfast drink, containing fibre and probiotics

By-products generated re-used for the production of cereal bars

- Total Cost \approx 2,3 million Euro
- EC Contribution \approx 0,8 million Euro
- Project Coordinator: Anheuser-Busch InBev (BE)

<http://www.ab-inbev.eu/refreshment.html>

Examples of LIFE projects

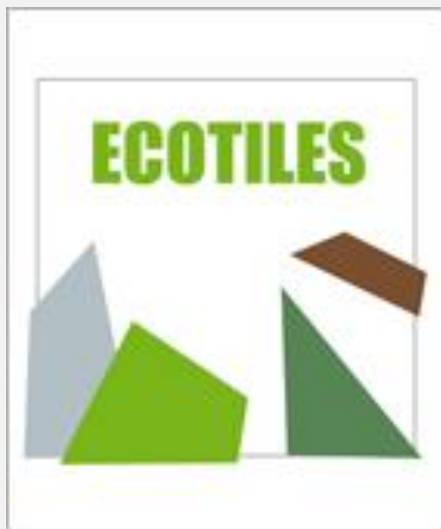


Life rPack2L

*Solution for recycling **multilayer plastic waste**, based on an integral scheme to recover valuable PVC and PET for re-use as packaging or recycled plastic-based products. The project will test the new technology at a unique semi-industrial scale plant in Austria. No recycling process for multilayer packaging exist allowing for this*

- Total Cost \approx 2,8 million Euro
- EC Contribution \approx 1,3 million Euro
- Project Coordinator: SULAYR GLOBAL SERVICES, SL (ES)

Examples of LIFE projects



LIFE ECOTILES

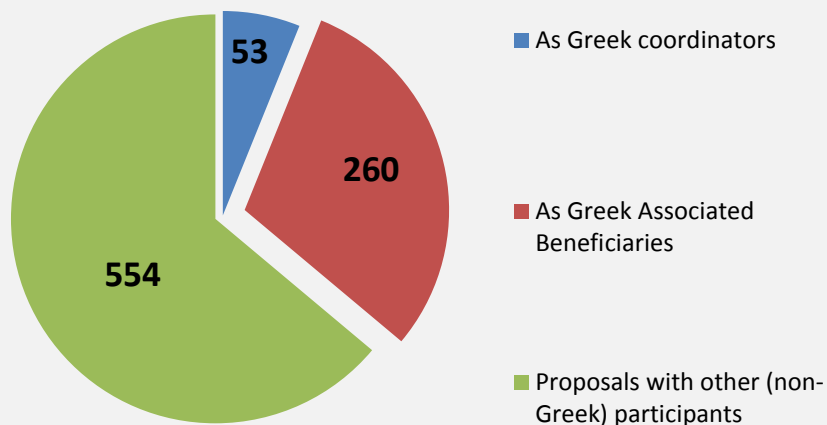
*Production of a **new generation of tiles** made almost entirely (up to 70%) **of recycled materials** (CDW and recycled glass) and with substantially lower environmental impacts compared to current best-in-market products*

- Total Cost \approx 1,2 million Euro
- EC Contribution \approx 0,7 million Euro
- Project Coordinator: Università degli Studi di Camerino (IT)

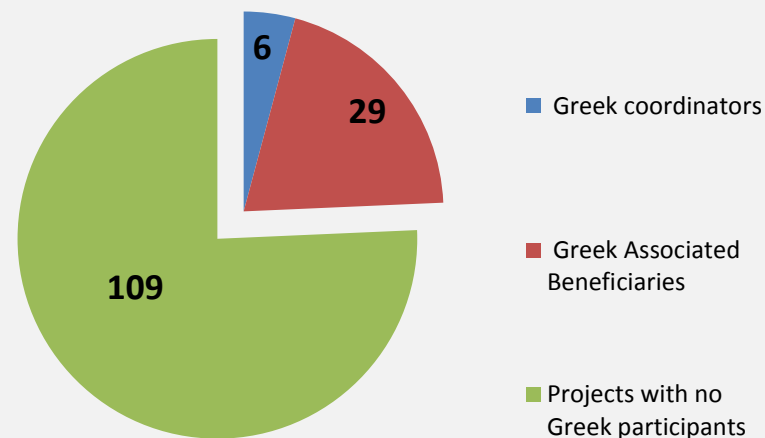
www.ecotiles-lifeproject.eu

2016 LIFE call – Some statistics

Number of Greek participants in submitted proposals



Number of Greek participants in selected proposals



Future Opportunities

Horizon 2020 WP 2018/20

**Connecting economic
and environmental
gains – the Circular
Economy**

http://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/stratprog_overarching_version_for_publication.pdf

Information Day 8-9 November 2017

<https://ec.europa.eu/easme/en/2017-information-day>



LIFE Call 2017 launched

**Nearly 260 MEUR
available
for environment
and climate**

Deadlines September 2017

<https://ec.europa.eu/easme/en/news/co-funding-available-close-market-environment-and-climate-solutions>



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THANK YOU FOR YOUR ATTENTION

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