



Latest developments in Horizon 2020 Societal Challenge “Climate Action, Resource Efficiency and Raw Materials” and LIFE

Patrik Kolar
Head of Department
**EASME.B - LIFE and H2020 Energy,
Environment, Resources**

*HERAKLION 2019
7th International Conference on Sustainable Solid
Waste Management
26-29 June 2019, Heraklion*

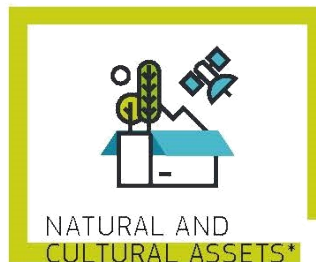
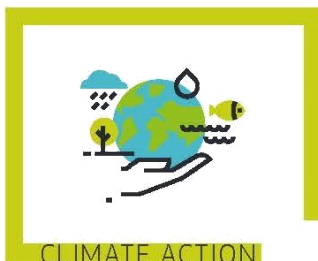
HORIZON 2020 Societal Challenge 5: “ECOSYSTEM” FOR INNOVATION AND INVESTMENT INTO CIRCULAR ECONOMY



WP 2018-2020
**'Connecting economic and
environmental gains - the
Circular Economy'**
€ 940 m

CLIMATE ACTION, ENVIRONMENT, RESOURCE EFFICIENCY AND RAW MATERIALS

PROGRAMME PRIORITIES 2018-2020 — € 1.06 BILLION



* Including Earth observation, nature-based solutions, disaster risk reduction and natural capital accounting, and heritage alive.



NEW H2020 SC5 PROJECTS

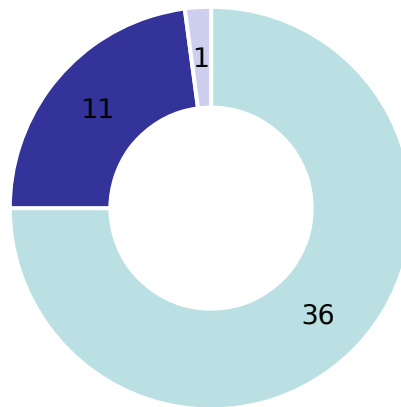
2018 calls

✓ Signed grant agreements: **48**

- Circular Economy: 18
- Low Carbon Economy: 18
- Greening the Economy: 12

✓ EU contribution: **€ 325 M**

- € 49 M going to SMEs

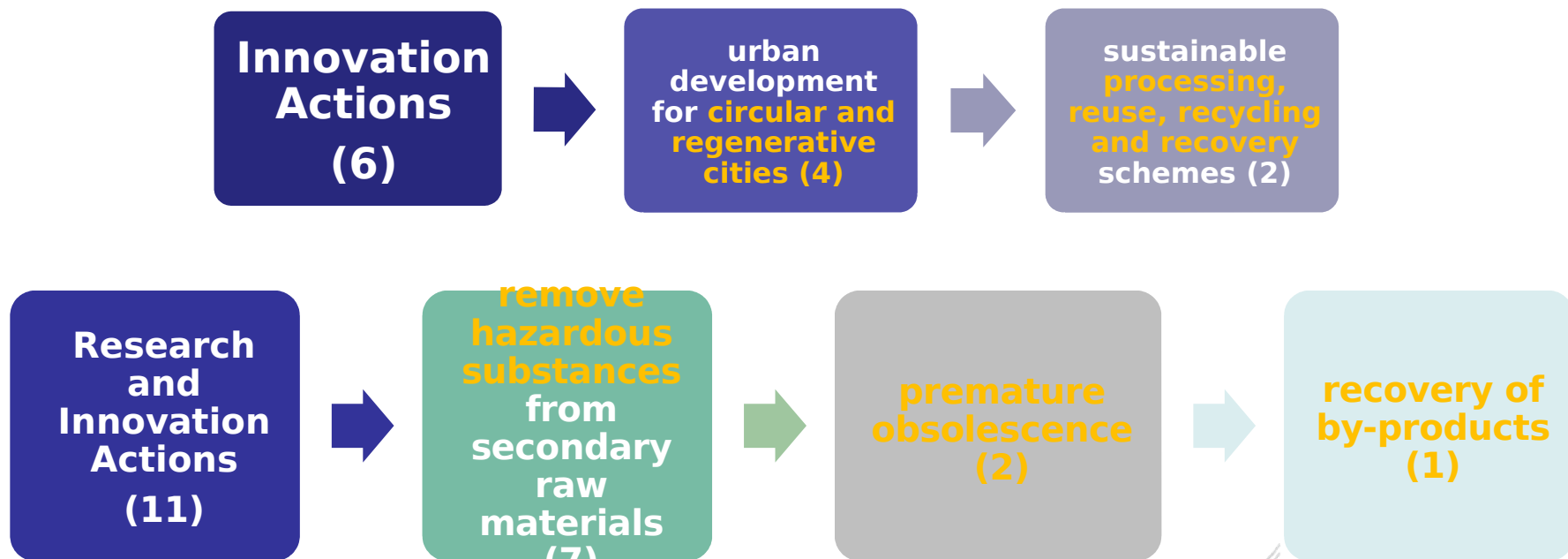


■ Research and Innovation Actions ■ Innovation Actions
■ Coordination and Support Actions



European
Commission

CIRCULAR ECONOMY ACTIONS



European
Commission



LIFE: 2018-2020 MULTI-ANNUAL WORK PROGRAMME

LIFE - the only EU financing instrument dedicated for environment & climate

Remaining allocation for MAWP2: €1.66 billion

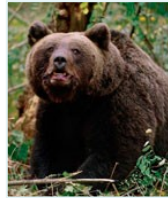
- ✓ €1,24 billion for ENV Sub-programme (mean: €413 million/year)
- ✓ €0,41 billion for CLIMA Sub-programme (mean: €137 million/year)



LIFE08
NAT/BG/000279



LIFE09
ENV/AT/000226



LIFE08 NAT/RO/000500



LIFE07
ENV/ES/000829



LIFE08
ENV/E/000135



European
Commission



WASTE MANAGEMENT UNDER THE LIFE PROGRAMME

- ✓ LIFE supports **Waste management** related projects since 1992 e.g. with over **700 projects** focusing on waste reduction, recycling, re-use totalling over €1 billion of overall investment
- ✓ Under the new LIFE Programme 2014-2020, over **€ 130 million EUR** invested so far into over 100 projects dealing with waste management and circular economy



LIFE 2019 - CALLS AND BUDGET

AREA	CLOSING C.N.	CLOSING Full P.	BUDGET 19	~%vs 2018
CLIMATE	na.	12-sept-19	~€ 58 Mill.	19%
ENV-RE	17-Jun-19	Feb-2020	~€ 78 Mill.	-2%
NAT	19-Jun-19	Feb-2020	~€ 128 Mill.	0%
GIE	19-Jun-19	Feb-2020	~€ 9 Mill.	0%
IPE	05-sept-19	12 March-2020	~€ 95 Mill.	1%
IPC	05-sept-19	12 March-2020	~€ 26 Mill.	-13%
TAE	na.	08-Jun-19	~€ 1 Mill.	7%
TAC	na.	08-Jun-19	~€ 0.3 Mill.	0%

EASME DATA HUB



European
Commission

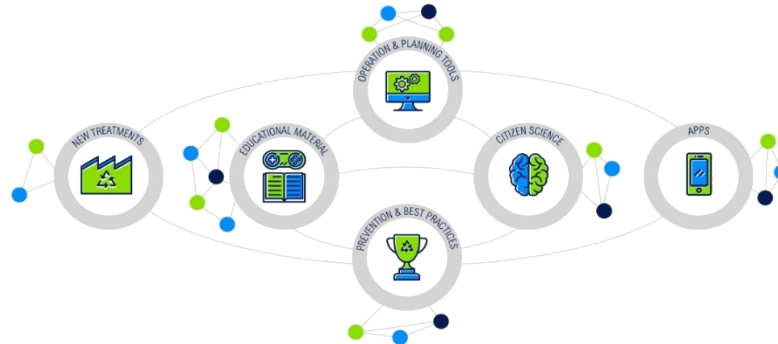


Coordinator: FUNDACION DEUSTO (ES)
Beneficiaries: 24 (ES, IT, PT, GR, DE, DK)
EU contribution: 8,818,556 € €
Duration: 42 months (Started: June 2016)

- ✓ To demonstrate the value of integrating and validating **20 eco-innovative** solutions that cover all the waste value chain
- ✓ **4 complementary urban areas in Europe**



<http://waste4think.eu/>





LIFE AGANFOILS



“No plastic waste too tough to recycle” (produce “**as good as new foils**”)



✓ **OBJECTIVE**

- Demonstrate that plastic foils can be recycled as versatile, high-quality plastic granules and re-used in production of high-end products (outdoor furniture, packaging materials etc)

✓ **IMPACTS**

- Achieved recycling plastic foils and other sources of LDPE thermoplastic from municipal solid waste
- Launched two demonstration plants capable of recycling over 24 000 tonnes of plastic a year
- Streamlined water and heat recovery to reduce the environmental impact of the process

- ✓ Coordinating beneficiary website <https://www.attero.nl/en>



European
Commission

HORIZON 2020 - WP 2018-2020 - SC5

Information Day - 2020 Calls - 16 and 17 September 2019



Funding and Tender Opportunities Portal





LIFE Call 2019

Climate action sub-programme deadline upcoming for Climate change mitigation traditional projects

- Call open from 4 April 2019
- Deadline for submitting the full proposal: 12 September 2019

LIFE Information Day 2019 web-recording and slides



Next LIFE call: spring 2020

National LIFE info days



HORIZON EUROPE

The ambitious EU research and innovation framework programme (2021-2027)



to strengthen the EU's scientific and technological bases and the European Research Area (ERA)



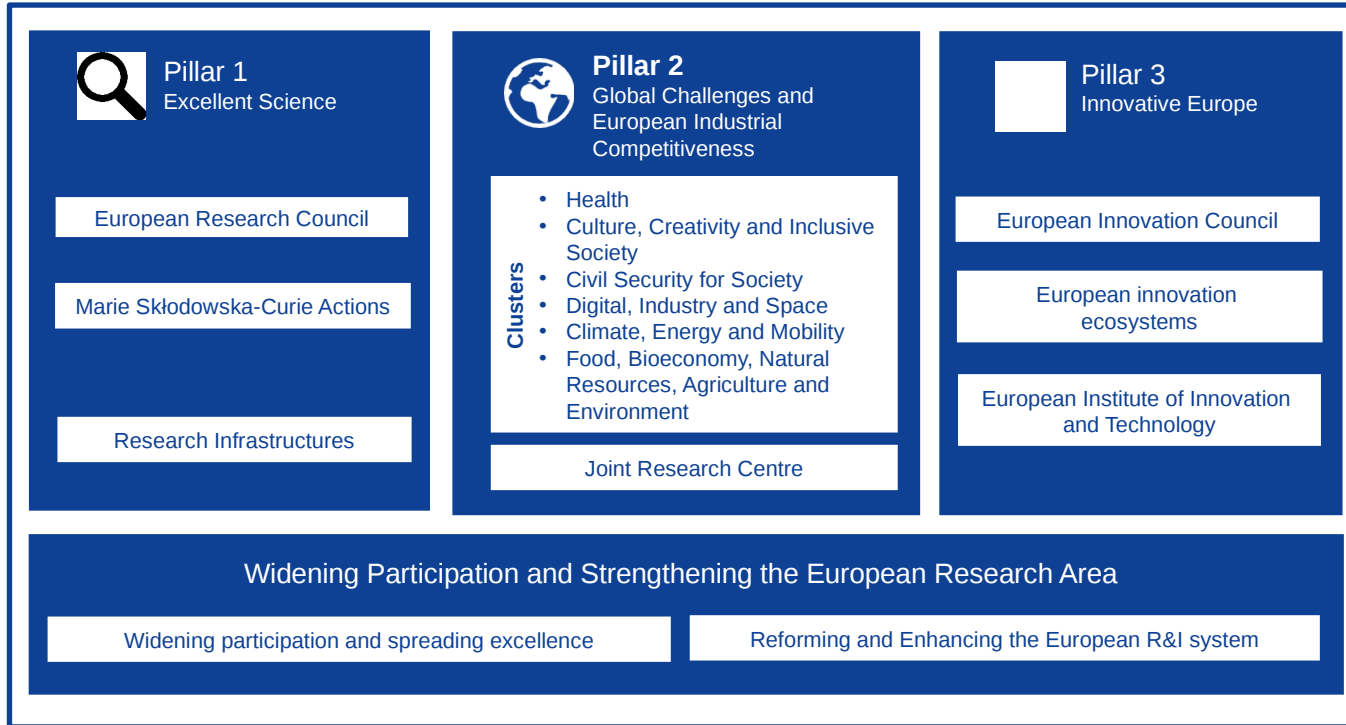
to boost Europe's innovation capacity, competitiveness and jobs



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

The Commission proposes a budget of
€ 100 billion for Horizon Europe

Horizon Europe: proposed structure



EUROPEAN RESEARCH & INNOVATION DAYS

24 → 26
SEPTEMBER

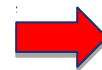
KANAL ♡ CENTRE POMPIDOU
Brussels, BELGIUM

20
19

#RiDaysEU
@EUScienceInnov

© European Union, 2019

**Registration
is open**



European
Commission