



The LIFE Programme

Manuel Montero Ramírez

Project Adviser / EASME

*LIFE-FLAREX Final Event
Stakeholder Webinar
17 June 2020*



EASME
Executive Agency
for Small and Medium-sized Enterprises

LIFE's overall objective



To contribute to: the implementation, update and development of the EU environmental and climate policy and legislation



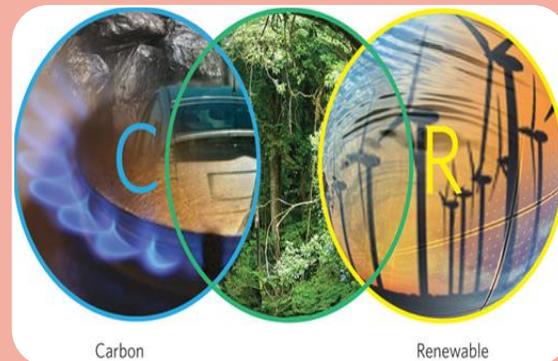
L'Instrument Financier pour l'Environnement



LIFE 2014-2020 – Objectives

- Contributing towards a **resource-efficient, low-carbon and climate-resilient economy**; protecting and improving the **environment**; maintaining and improving **biodiversity**, ecosystems and, in particular, the **Natura 2000 network**
- Improving the development, implementation and enforcement of **Union environmental and climate policy and legislation**
- **Integrating and mainstreaming** of environmental and climate objectives into other Union policies
- Improving environmental and climate **governance**
- Implementing the **7th Environment Action Programme**

The LIFE Programme



LIFE is the only EU programme dedicated exclusively to the environment, nature conservation and climate action

LIFE has a budget of 3.4 billion EUR for 2014-2020. The Commission has proposed an increase to 5.45 billion EUR for the period 2021-2027

LIFE plays an important role in improving the quality of the environment, in halting biodiversity loss and in supporting the shift towards a resource efficient and low carbon economy

LIFE multiannual work programme for 2018-2020

LIFE Regulation Annex III

(d) *Thematic priorities for Environment and Health, including chemicals and noise:* support activities for the implementation of the specific objectives for environment and health set out in the 7th Environment Action Programme, in particular:

- (i) support activities for the implementation of Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) and Regulation (EU) No 528/2012 of the European Parliament and of the Council (Biocidal Products Regulation) to ensure a safer, more sustainable or economical use of chemicals (including nanomaterials);
- (ii) support activities to facilitate the implementation of Directive 2002/49/EC of the European Parliament and the Council (Noise Directive);
- (iii) Support activities for avoiding major accidents in particular facilitating the implementation of Directive 2012/18/EU of the European Parliament and the Council (Seveso III Directive).

LIFE multiannual work programme for 2018-2020

PROJECT TOPICS on CHEMICALS:

Reduction of the impact on the environment or human health, of at least one of the following:

- Substances identified as hazardous to human health or to the environment under the Regulation on classification, labelling and packaging of substances and mixtures (CLP)
- Combination effects of chemicals, including endocrine disruptors,
- Nanomaterials,
- Biocidal products and/or pesticides.



This shall be reached through one or more of the following:

- Safer or more sustainable use,
- Minimisation of exposure to toxic chemicals in products or in the environment, and/or
- Substitution with safer substances or with non-chemical solutions.

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Links to other priorities and topics:

- Thematic priorities for Water:
 - Reduction of pressures from chemical pollutants in the water environment by reducing emissions of priority substances and other chemicals identified as river basin specific pollutants at source, through the use of appropriate substitutes or alternative technologies.
 - Application of technologies for urban waste water treatment systems to diminish or eliminate discharges of emerging pollutants as part of wastewater treatment effluents.
- Thematic priorities for Waste:
 - Identification and separation of hazardous substances contained in wastes, to enable value-added recycling of the treated waste and safe disposal of the hazardous substances.

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Links to other priorities and topics:

- Thematic priorities for Soil:
 - Remediation actions focused on contaminated soils.
- Priority area Environmental Governance and Information:
 - Raising awareness on environmental problems, EU environmental policies, tools and/or legislation among the relevant target audiences on the safe use of chemicals.

The LIFE Programme - Facilitating access to financing and technical support

- Approximately 100 projects related to chemicals funded by the LIFE Programme. 50 projects currently in progress.
- The projects cover a wide range of themes and topics:
 - The development and demonstration of novel technologies that result in the reduction of hazardous chemical use in different industrial processes and in agriculture;
 - The assessment of the safety of alternative chemicals;
 - The development of electronic data management tools that facilitate the identification of substitute chemicals;

The LIFE Programme - Facilitating access to financing and technical support

- The projects cover a wide range of themes and topics:
 - The development and demonstration of technologies for groundwater and soil remediation;
 - The development and demonstration of technologies for the recovery of hazardous substances and/or non-toxic alternatives from wastewater and other industrial wastes;
 - The development of tools for establishing links between the presence of chemicals in articles and associated health impacts;
 - Increasing awareness on sustainable and safe use of chemicals.

<http://ec.europa.eu/environment/life/project/Projects/index.cfm>

Example of LIFE Projects on Chemicals

- Substitution of chemicals:
 - LIFE FLAREX (LIFE16 ENV/ES/000374) - Mitigation of environmental impact caused by Flame Retardant textile finishing chemicals. <https://www.life-flarex.eu>
 - LIFE Fit for REACH (LIFE14 ENV/LV/000174) - Baltic pilot cases on reduction of emissions by substitution of hazardous chemicals and resource efficiency. <http://fitreach.eu/article/welcome-lifefit-reach>
- Eco-innovation for reduced production and use of hazardous chemicals:
 - LIFE WASTE4GREEN (LIFE17 ENV/ES/000192) - Sustainable and green agri-waste based biopesticides. <https://www.waste4green.eu>
 - LIFE TRIALKYL (LIFE14 ENV/IT/000346) - An innovative and sustainable continuous process for the development of high quality trimethyl phosphite. <http://www.life-trialkyl.eu/en/>

Example of LIFE Projects on Chemicals

- Monitoring and assessment of the impacts of chemicals on the environment and human health:
 - LIFE NanoEXPLORELIFE17 (ENV/GR/000285) -- Integrated approach for exposure and health effects monitoring of engineered nanomaterials in workplaces in urban areas. <https://www.lifenanoexplore.eu>
 - LIFE MILCH (LIFE18 ENV/IT/000460) - Mother and Infant dyads: Lowering the impact of endocrine disrupting Chemicals in milk for a Healthy Life.
- Tools (i.e. awareness raising, management of chemicals, hazard assessment and/or exposure models):
 - LIFE AskREACH (LIFE16 GIE/DE/000738) – Enabling REACH consumer information rights on chemicals in articles by IT-tools. <https://www.askreach.eu>
 - LIFE VERMEER (LIFE16 ENV/IT/000167) - Integrating VEGA, toxRead, MERLIN-Expo, and ERICA in a platform for risk assessment and substitution of risky substance. <https://www.life-vermeer.eu>

Thank you



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