



ENVIRONMENT

# EASME

Executive Agency for Small and Medium-sized Enterprises

## The EU-LIFE programme and Health – An overview

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## PROGRAMMES MANAGED BY EASME



SME SUPPORT



ENERGY



ENVIRONMENT



MARITIME

- LIFE 2014-2020
- COSME
- Horizon 2020 Energy, Environment and Resources and SME Instrument.
- European Maritime and Fisheries Fund
- Eco-Innovation

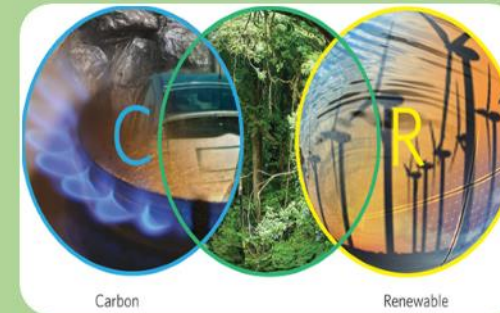
# THE LIFE PROGRAMME - BRIEF OVERVIEW



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

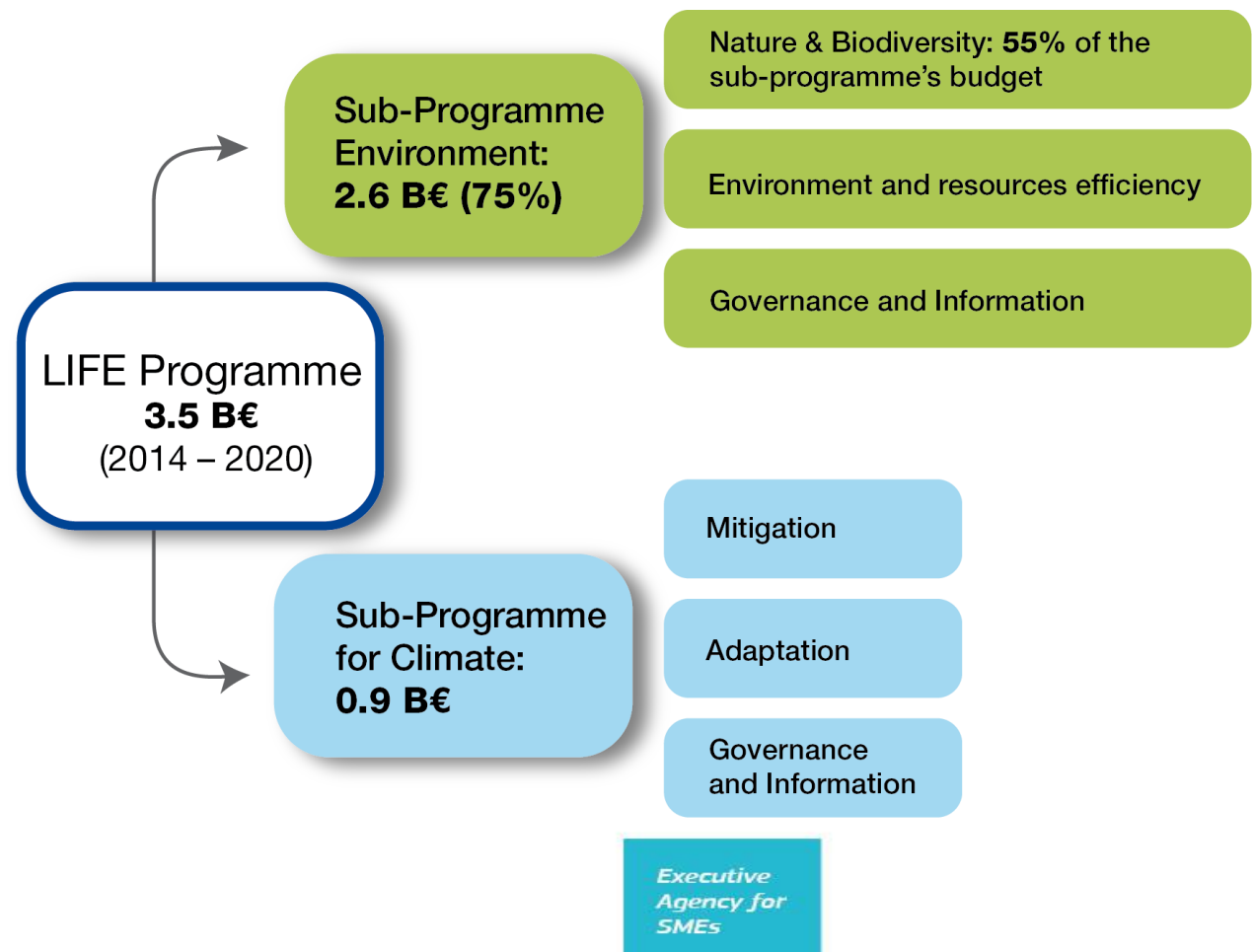


LIFE has a budget of 3.4 billion EUR for 2014-2020. The Commission has proposed an increase to 5.45 billion EUR for the period 2021-2027



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 PROGRAMME 2014-2020





European Commission

# LIFE PROGRAMME 2021-2027

## Objectives

- To contribute to the shift to a circular, energy-efficient, renewable energy based- and climate resilient economy
- To protect and improve the quality of the environment
- To halt and reverse biodiversity loss

## Sub-programmes



Nature and biodiversity  
2.15 B€



Circular economy and quality of life  
1.35 B€



Climate mitigation and adaptation  
0.95 B€



Clean energy transition  
1 B€

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## Actions

Projects (about 4600 from 1992)

- Develop and demonstrate eco-innovative techniques and approaches
- Help to implement and enforce plans and strategies, in compliance with EU legislation.
- Promote best practices and behavioral changes
- Catalyse the large scale deployment of successful solutions

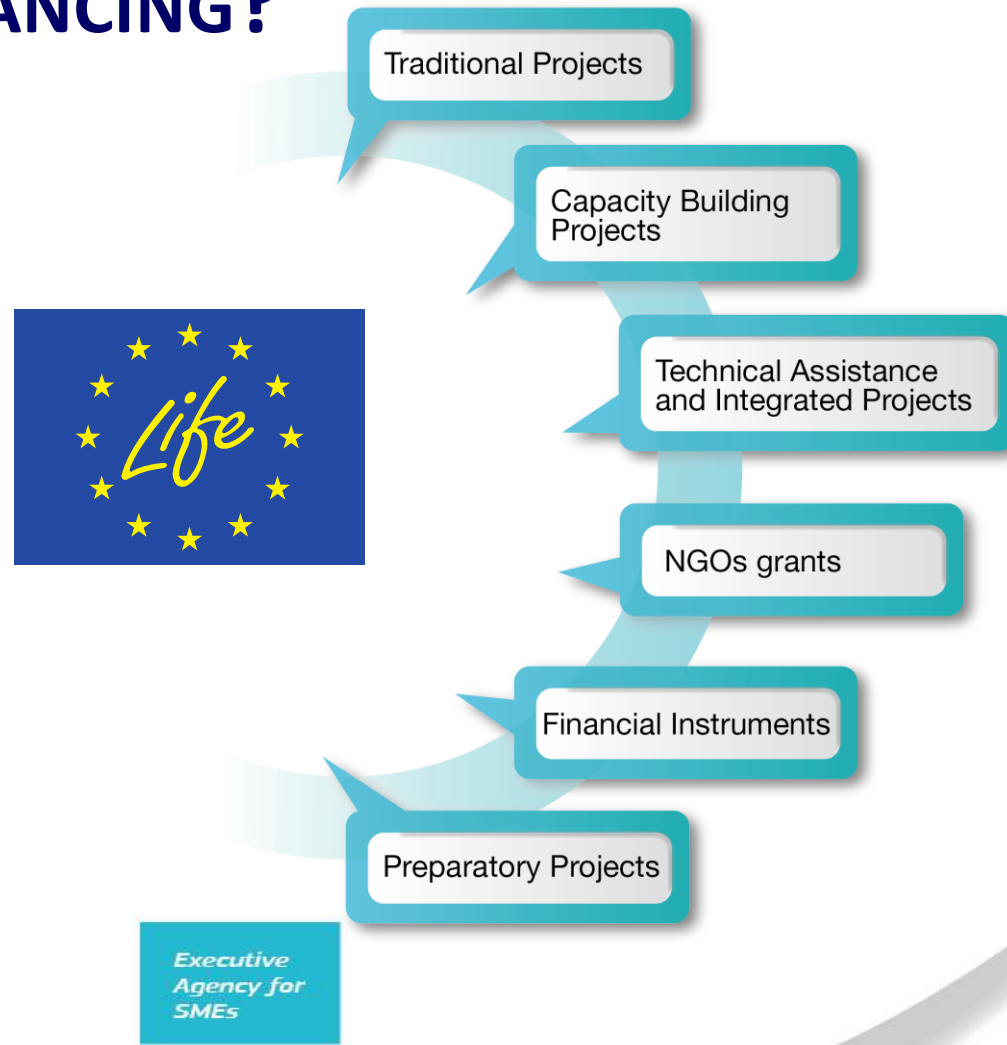
On legislation and policies

- Support their development, monitoring and enforcement
- Help Member States to improve their implementation

Project beneficiaries are:

- 1/3 private enterprises
- 1/3 NGOs and civil society organisations
- 1/3 public authorities

# WHAT IS LIFE FINANCING?





## LIFE - GENERAL FEATURES

- ❖ Applicants - Companies, research institutes, NGOs, public administrations active in the field of environment and climate protection ; **all legal persons registered in the EU**
- ❖ Emphasis on **replicability/transferability, long-term sustainability, and an EU added value** of the project results
- ❖ **Not** focused on **research** (↔ H2020)
- ❖ No large infrastructure; **not** focused on **rural or regional development** (↔ agricultural, structural funds)
- ❖ Support and monitoring: from Contracting Authority (EASME or European Commission) and external monitoring team

# WHAT IS A TRADITIONAL PROJECT ?

- ❖ **For whom?** Enterprises, associations, public administrations
- ❖ **Flexibility on the size of the consortium and budget**
- ❖ **Co-funding rate: 55% (ENV-RE & CA) - 60% (NAT/BIO);**
  - ❖ In case of NAT projects that devote more than 50% of their budget for concrete conservation actions to activities benefiting priority habitats or species: 75%
- ❖ **Types of projects**
  - ❖ Pilot
  - ❖ Demonstration
  - ❖ Good Practice
  - ❖ Information/governance



## WHERE IS THE FLEXIBILITY? – LIFE (2021 - 2027)

- ❖ To launch specific calls for proposals or other actions to target specific issues or topics;
- ❖ To extend the scope of the strategic integrated projects;
- ❖ To extend the scope of the Strategic Nature Projects (SNaPs) beyond Prioritised Action Frameworks;
- ❖ To finance capacity building projects for upscaling or replicating the project results;
- ❖ To finance other actions such as prizes or contests;
- ❖ To define the priority topics on annual basis;
- ❖ To have cumulative financing with other programmes.

## PRIORITY AREA ENV-RESOURCE EFFICIENCY (I)

- ❖ **Develop, test and demonstrate** policy or management approaches, best practices and solutions
- ❖ Priority to projects that put in practices, test, evaluate and disseminate actions, methodologies or approaches that are **new or unknown Union-wide**
- ❖ **Direct and measurable effects** on the environment during the project implementation

## PRIORITY AREA ENV-RESOURCE EFFICIENCY (II)

- ❖ Five sectors:
  - ❖ Water, including marine and coastal environment
  - ❖ Waste
  - ❖ Resource efficiency, including soil and forest, green and circular economy
  - ❖ Environment and health, including chemicals and noise
  - ❖ Air quality and emissions, incl. urban environment
- ❖ Thematic priorities within these five sectors are described in the Annex III of the LIFE Regulation
- ❖ **New projects topics are defined in the MAWP 2018-2020** – projects that clearly and fully fit under the topics get extra points during the evaluation (AW5: 5 points)

# SUB-PROGRAMME CIRCULAR ECONOMY AND QUALITY OF LIFE

## Contribution in the areas of:

**circular economy, noise, air,  
chemicals, green and circular  
economy, industrial accidents,  
marine and coastal management,  
noise, soil, waste, water, and the  
urban environment.**



## Typical actions

Support to market players by testing new business opportunities, facilitating consumers' access to sustainable products and services.

Support to technologies and solutions that are ready to be implemented in close-to-market conditions, at industrial or commercial scale, during the project duration.

Integrated projects beyond air, water, waste to other areas such as circular economy.  
Promote upscale and access to finance.

# 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.

# LIFE MULTIANNUAL WORK PROGRAMME FOR 2018-2020

## 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.





# LIFE MULTIANNUAL WORK PROGRAMME FOR 2018-2020

## 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>


## LIFE PROJECTS ON CHEMICALS - EXAMPLES






- 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>
  - LIFE17 ENV/IT/000164 (LIFE-BIOPAINT) - demonstrate a safe, sustainable and innovative continuous process for producing novel bio-based paints manufactured without petrochemicals. <http://www.ivmchemicals.com/en/pages/251-project-life-biopaint>
- 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/>

## LIFE PROJECTS ON CHEMICALS - EXAMPLES

- 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.lifefnanorexlore.eu>
  - LIFE MILCH (LIFE18 ENV/IT/000460) - Mother and Infant dyads: Lowering the impact of endocrine disrupting Chemicals in milk for a Healthy Life.
  - LIFE16 ENV/IT/000488 - LIFE PHOENIX - aims to demonstrate how a new interinstitutional governance system, supported by innovative forecast tools based on ongoing monitoring, can more effectively and efficiently manage the risks related to the diffusion of Persistent Mobile Organic Contaminants (PMOC) with a particular focus on PerFluorinated Alkyl Substances (PFAS). <https://www.lifephoenix.eu>
- 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>

## INDICATIVE TIMETABLE : APPLICATION ENVIRONMENT SUB-PROGRAMME



Timeline	Phases
June 2020	 Submission of concept note <i>Max 10 pages + high-level budget</i>
June-September 2020	 Evaluation of concept note
October 2020	 Invitation for full proposal
February 2021	 Submission of full e-proposal
July 2021	 Signature of grants



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## THANK YOU FOR YOUR ATTENTION

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