

LIFE Programme in Czechia



Facts and figures

The LIFE Programme has funded 44 projects in Czechia, over 22 coordinating beneficiaries, with total project costs of €101m, of which the EU contributed €61.5m.

The LIFE Programme is the EU's funding instrument for environment and climate action. It has been running since 1992 and has co-financed more than 5500 projects across the EU and in third countries, mobilising more over €12 billion and contributing with more than €5 billion to the protection of the environment and climate. The LIFE programme contributes fully to the objectives and targets of the European Green Deal.

The budget for the period 2021–2027 is set at €5.4 billion.

The following sub-programmes are covered (*):

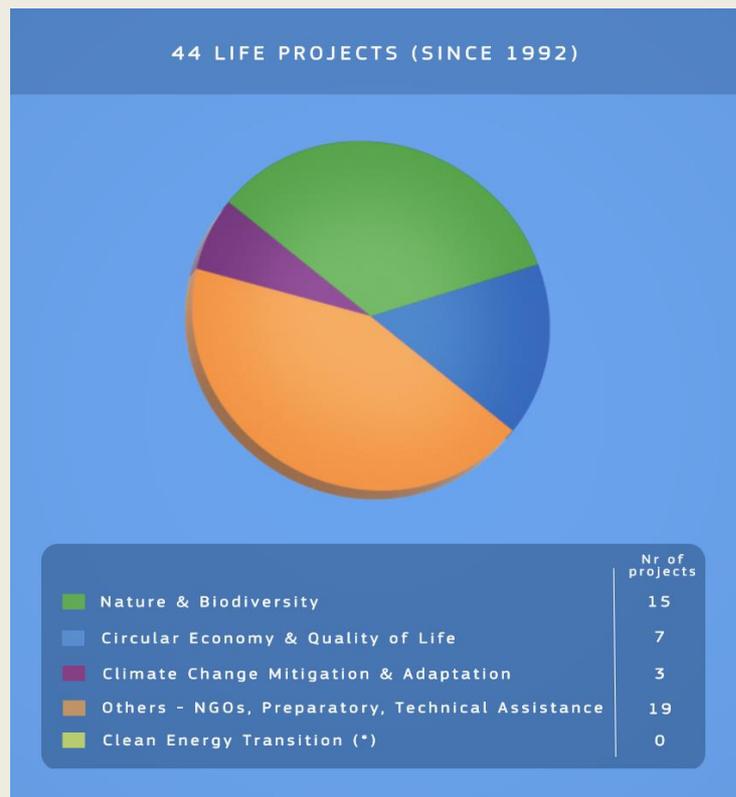
- **Nature and biodiversity**
- **Circular economy and quality of life**
- **Climate change mitigation and adaptation**
- **Clean energy transition** (first call for projects in 2021) (*)

For more information:

https://cinea.ec.europa.eu/life_en

'The future is green. The future is LIFE' leaflet

Past and closed projects are designated in this document with the new LIFE programme 2021-2027 nomenclature



INVESTMENT IN LIFE PROJECTS IN CZECHIA (€ million)		
	TOTAL INVESTMENT	EU CONTRIBUTION
ALL LIFE projects	101	61.5
Nature & Biodiversity	58.5	37
Circular Economy & Quality of Life	18	9
Climate Change Mitigation & Adaptation	18.5	11
Others - NGOs, Preparatory, Technical Assistance	6	4.5



LIFE Nature and Biodiversity

The Nature and Biodiversity strand includes support for standard action projects for developing, applying and promoting best practice in relation to nature and biodiversity, as well as “Strategic Nature Projects” (SNAP). These new projects support the achievement of Union nature and biodiversity objectives by implementing coherent programmes of action in Member States in order to mainstream those objectives and priorities into other policies and financing instruments, including through coordinated implementation of the prioritised action frameworks adopted pursuant to Directive 92/43/EEC.

To date, the LIFE Nature and Biodiversity component has co-financed 14 projects in Czechia. These represent a total investment of €58.5 million, of which €37 million has been contributed by the EU. The average duration of these projects is 54 and 77 months (i.e. about 6 years).

The completed projects in Czechia have targeted the conservation of the following habitats: thermophilous habitats, one in the Moravian Karst and one in the Lounské Středohoří hills; alluvial forests in the Morávka river basin; grasslands and streams in the Krkonoše Natura 2000 site; as well as lowland and mountain meadows and pseudo-steppes with grass. Other projects have worked on the conservation of species, such as rare butterfly species of non-forest habitats in Czechia and Slovakia; the endemic plant species *Minuartia smejkalii*; and two EU priority species, dwarf gentian and bullhead, in the Krkonoe site..

There are currently seven ongoing projects in Czechia.. The LIFE České středohoří project aims to improve the conservation status of thermophilous habitats and species in the central part of the České středohoří hills. Providing suitable management in exceptionally-valuable nature sites formed in the past by military training activities is the objective of the Military LIFE for Nature project. The CZ-SK SOUTH LIFE project will enable long-term improvements in the conservation status of priority habitats in 25 Natura 2000 network sites in the South Bohemia region of Czechia and in 30 sites in southern Slovakia. The LIFE for insects project aims at conserving selected insect species in Natura 2000 sites in the transboundary area (CZ-SK) of the Western Carpathian Mountains. The LIFE for MIREs project aims to improve degraded mires and other wetland habitats and their underlying landscape hydrology, in the National Park Umava and the Bavarian Forest, through transboundary collaboration between partners in Czechia and Germany. The LIFE Osmoderma 2017 project aims to improve the conservation status of hermit beetles in the Natura 2000 site Pood. The LIFE SouthMoravia project aims to protect priority grassland habitats in the SCIs of the South Moravian Region.

One Strategic Nature Project, LIFE-IP: N2K Revisited, has been co-funded and is ongoing in Czechia. The project’s objectives are summarised in the box below.



Delivering joined-up management of Czech nature sites (LIFE-IP: N2K Revisited) **LIFE17 IPE/CZ/000005**

The N2K Revisited project will establish a more effective management system for Natura 2000 network sites in the Czech Republic. Monitoring shows that current trends are insufficient to meet the targets of the EU biodiversity strategy to 2020. For instance, more than 80% of the country’s protected habitats and around 70% of its listed species are in an 'unfavourable-bad' status, according to official reports.

Project summary



Circular Economy and Quality of Life

Actions supported under the Circular economy and quality of life strand will help in reaching major EU policy objectives such as the transition to a circular economy, as well as protecting and improving the quality of the environment and life. Under this strand, Strategic Integrated Projects (SIP), will implement, on a regional, multi-regional, national or transnational scale, environmental or climate strategies or action plans developed by Member States' authorities and required by specific environmental, climate or relevant energy legislation or policy of the Union. These projects will also ensure that stakeholders are involved and promoting coordination with and mobilisation of at least one other Union, national or private funding source.

This strand [formerly LIFE Environment and Resource Efficiency and Environmental Governance and Information] has co-financed 5 projects in Czechia thus far, representing a total investment of €18 million, of which €9 million has been provided by the EU.

Four projects are completed. The ReStEP project aimed to develop, test, evaluate and distribute to the public and business sectors in Czechia, a new, standardised methodology for the management of urban and regional planning in the field of proposals and assessments of energy projects. The main focus was the efficient use of natural resources and environmental protection, so that the number of wrongly assessed renewable energy sources (RES) projects is reduced by 50%. The MEDETOX project demonstrated innovative methods for monitoring the toxicity of diesel engine exhaust emissions under real urban driving conditions, with a detailed focus on the effects of congested traffic on the ring road of Prague. The HOxyGas project demonstrated the maturity and full potential of the hot oxy-fuel combustion technology, using pure natural gas and O₂ as an oxidiser. LIFE2Water aimed to demonstrate opportunities for significantly improving the effluent standards from tertiary technologies used at wastewater treatment plants (WWTPs). The projects were coordinated by a university, a research institute, a large enterprise and a small- and medium-sized enterprise.

There is one ongoing project, the LIFEPOPWAT project, coordinated by the Technical University of Liberec and implemented over a 48-month period (starting January 2020). The project's goal is to provide a method of mitigating risks to water from hexachlorocyclohexane (HCH) mega-sites, the most intractable ongoing HCH problem.

Two projects funded under the former Environmental governance and information and Information & Communication strands are closed. LIFE INFOMS designed and implemented a complex dissemination campaign, which addressed specific problems related to nature conservation and landscape protection in the Moravia-Silesia region. The LIFE-A2J-EARL project raised awareness among selected European environmental lawyers and civil society organisations concerning the involvement of NGOs and citizens in helping enforce environmental law.



LIFE Climate Change Mitigation and Adaptation

The LIFE Climate change mitigation and adaptation strand will support actions which help implement the 2030 energy and climate policy framework and meet the European Union's commitments under the Paris Agreement on Climate Change. Projects under this strand will contribute to climate neutral and resilient economy.

Strategic Integrated Climate Projects (SIP), will implement, on a regional, multi-regional, national or transnational scale, climate strategies or action plans developed by Member States' authorities and required by specific climate or relevant energy legislation or policy of the Union. These projects will also ensure that stakeholders are involved and promote coordination with and mobilisation of at least one other Union, national or private funding source.

To date, two projects have been co-financed under this strand in Czechia. The main objective of the LIFE TreeCheck project is to decrease adverse climate impacts - particularly the Urban Heat Island effect in European cities - by making green infrastructure planning and decision-making processes more efficient and effective. The RegENERateLife project will support the CEE (Central and Eastern Europe) countries contribution to EU efforts towards a net-zero emissions future.

One Strategic Integrated Project, LIFE-IP COALA has also been funded to date. Objectives of the project are summarised in the box below.

The total investment for these project amounts to almost €18.5 million, of which the EU is contributing €11 million.



Improving climate resilience in the Moravian-Silesian Region (LIFE-IP COALA) LIFE20 IPC/CZ/000004

Czechia is taking steps to combat climate change through its national adaptation strategy and action plan. However, more action is needed at regional and local levels. The Moravian-Silesian Region is the only Czech region with a climate change adaptation strategy. The authorities are keen to implement this strategy successfully through this Integrated Project.

The goal is to increase the region's climate resilience, enhance inhabitants' environment, and support sustainable development. More than 15 demonstration and pilot projects will be carried out, serving as examples of good practice for other regions and cities in Czechia and beyond. The Moravian-Silesian Region's adaptation strategy will also be updated, and adaptation plans approved for cities with populations over 10 000. At least 20 public buildings will be upgraded, reducing their greenhouse gas (GHG) emissions by 30%. Also, 20 municipalities will implement rainwater management and urban greening measures. Support for other projects involving training and setting up specialist advisory centres is foreseen.

[Project summary](#)



LIFE Clean Energy Transition

Building on the Intelligent Energy Europe (2003–2013) and Horizon 2020 Energy Efficiency (2014–2020) programmes, the LIFE Clean Energy Transition sub-programme continues to support the delivery of EU policies in the field of sustainable energy. In particular, it aims at facilitating the transition towards an energy-efficient, renewable energy-based, climate-neutral and -resilient economy across Europe.

The LIFE Clean Energy Transition sub-programme supports projects in the following five areas of intervention:

- 1) Building a national, regional and local policy framework supporting the clean energy transition;
- 2) Accelerating technology roll-out, digitalisation, new services and business models and enhancement of the related professional skills on the market;
- 3) Attracting private finance for sustainable energy;
- 4) Supporting the development of local and regional investment projects;
- 5) Involving and empowering citizens in the clean energy transition.

Want to know more about LIFE?

- Visit the [LIFE website](#) and [LIFE project database](#)

- Follow the LIFE programme on social media:



- Sign up to the [LIFE Programme](#) and [CINEA Clean Energy](#) Newsletters



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Ongoing LIFE Nature & Biodiversity projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
Improvement of conservation status of habitat types and species of European importance at abandoned military areas	LIFE15 NAT/CZ/001028	Military LIFE for Nature	http://www.beleco.cz/militarylife/	09/2016 → 03/2022
Optimization of Natura 2000 sites management delivery in the South Bohemia Region and the territory of South Slovakia	LIFE16 NAT/CZ/000001	CZ-SK SOUTH LIFE	http://www.south-life.eu	09/2017 → 06/2024
Active conservation of thermophilous habitats and species of Community interest in the České středohoří hills	LIFE16 NAT/CZ/000639	LIFE České středohoří	http://www.ochranaprirody.cz/pece-o-prirodu-a-krajinu/programy-eu/life/life-ceske-stredohori/	08/2017 → 12/2023
Osmoderma eremita species conservation in SCI Pood	LIFE17 NAT/CZ/00463	LIFE Osmoderma 2017	http://poodrizije.cz/	09/2018 → 09/2023
TRANS-BOUNDARY RESTORATION OF MIRES FOR BIODIVERSITY AND LANDSCAPE HYDROLOGY IN SUMAVA AND BAVARIAN FOREST	LIFE17 NAT/CZ/00452	LIFE for MIRES	http://www.npsumava.cz/cz/5838/10300/clanek/	08/2018 → 12/2024
Protection of priority grassland habitats in the SCIs of the South Moravian Region	LIFE18 NAT/CZ/00832	LIFE SouthMoravia	https://www.csoponyx.cz/projekt-stranka/48/LIFE%20SouthMoravia/64/summary/	09/2019 → 12/2025
Integrated LIFE project for the Natura 2000 network in the Czech Republic	LIFE17 IPE/CZ/000005	LIFE-IP: N2K Revisited	http://www.jednapriroda.cz	01/2019 → 12/2026

Ongoing LIFE Circular Economy and Quality of Life projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
Innovative technology based on constructed wetlands for treatment of pesticide contaminated waters	LIFE18 ENV/CZ/00374	LIFEPOPWAT	https://cxi.tul.cz/lifepopwat/the-project/the-project	01/2020 → 12/2023

Ongoing LIFE Climate Change Mitigation and Adaptation projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
LIFE TreeCheck: Green Infrastructure Minimising the Urban Heat Island Effect	LIFE17 GIC/CZ/000107	LIFE TreeCheck	https://www.lifetreecheck.eu	09/2018 → 08/2022
RegENERate: Mobilising Regions for Energetic Re-development and Transformative NECPs	LIFE19 GIC/CZ/001333	RegENERateLife	N/A	01/2021 → 12/2023
IP LIFE for Coal Mining Landscape Adaptation	LIFE20 IPC/CZ/000004	LIFE-IP COALA	N/A	03/2021 → 12/2031