

# LIFE Programme in Poland



## Facts and figures

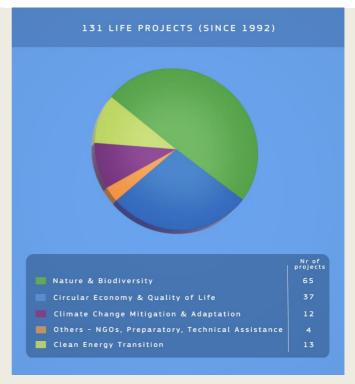
The LIFE Programme has funded 131 projects in Poland over 85 coordinating beneficiaries with total project costs of €326.5m, of which the EU contributed €182m.

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  $\le 5.4$  billion.

The following sub-programmes are covered (\*):

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



INVESTMENT IN LIFE PROJECTS IN POLAND (€ million)					
	EU CONTRIBUTION				
ALL LIFE projects	326.5	182			
Nature & Biodiversity	163	91.5			
Circular Economy & Quality of Life	99.5	52			
Climate Change Mitigation & Adaptation	62	36			
Others - NGOs, Preparatory, Technical Assistance	1.0	0.8			
Clean Energy Transition (*)	1.8	1.7			



## 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 a renewable energy based- and climate- resilient economy. 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.

To date, the Climate Change strand has co-financed 12 projects in Poland. The total investment for these projects amounts to €62 million, of which the EU is contributing €36 million.

Four projects are closed. LIFE\_WZROST\_PL project was an information campaign promoting the idea of a sensible policy for climate change and sustainable development. LIFERADOKLIMA PL's overall objective was to make the city of Radom more resilient to climate change by building demonstration 'green/blue infrastructure' for managing extreme storm water flows and controlling local flood risks. The main objective of LIFE Climate CAKE PL was to develop a sustainable and comprehensive system for creating and exchanging information, to support the efficient implementation of EU climate and energy policies. LIFE - UrbanWind .PL aimed to construct and test a set of wind turbines captured by range of air streams induced by human activity.

There are six ongoing projects: The overall objective of Refrigerants LIFE Cycle is to limit the emission of fluorinated greenhouse gases into the atmosphere by the refrigeration and air-conditioning sector. The main objective LIFE BIOBCOMPO is to reduce the environmental footprint of new vehicles through innovative low density thermoplastic composites derived from renewable (biobased) sources, in order to meet the GHG emission reduction target of the 2011 EU Transport White Paper. COOLSPACES 4 LIFE aims to demonstrate the use of renewable energy in the cooling systems of public buildings and the application of low GPW refrigerant mixtures. The main objective of LIFE Archiclima is to increase the climate change resilience of large-scale commercial buildings (shopping centres, airports etc.) by developing and implementing the innovative Archiclima system, which comprises vulnerability/risk assessment, adaptation planning and the application of blue-green infrastructure and ecosystem-based approaches. The overall goal of LIFE VIIew 2050 project is to assess the functioning of the EU Emissions Trading System (ETS), its impacts, its interaction with other EU policy instruments and other international systems, and its possible further development with the view to an EU climate-neutral economy by 2050. LIFECOOLCITY aims to develop and provide city managers and the public with monitoring and decision-support systems based on satellite and remote sensing methods, leading to cost-effective and efficient redevelopment of green areas in cities.

Two Strategic Integrated Projects have been co-funded in Poland under this strand. The LIFE-IP EKOMALOPOLSKA project's objectives are summarised below. The recently co-funded LIFE AFTER COAL PL project's aim is to significantly reduce the time required to achieve the intended outcomes in the Strategy for Neutrality Climate of Eastern Wielkopolska 2040.



# Getting ready for climate action in the Malopolska Region (LIFE-IP EKOMALOPOLSKA) LIFE19 IPC/PL/000005

In February 2020, the Małopolska region adopted its Regional Action Plan for Climate and Energy (RAPCE). The plan aims to help this Polish region reach the EU's targets for reducing greenhouse gas emissions. This Integrated Project will help to implement RAPCE, allowing the region to make the low-carbon transition. The team will mobilise national and EU public funds as well as those from the private sector. This money will be used to finance priority actions identified under RAPCE. Partners will boost institutional capacity and know-how by organising training courses.

They will also look at how to make the heating appliance market more environmentally friendly. And they expect to create green jobs in the process. The team also wants to change negative perceptions of climate action and will therefore run educational campaigns to promote general climate awareness.

Project summary

Last update: 29/03/23

European Commission/CINEA (http://ec.europa.eu/life/)



#### 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.

Poland also participates in 12 other CET projects: OdysseeMure fit-4-55, ENSMOV Plus, JUSTEM, DEESME 2050, SITRANS, KNOWnNEBs, COMANAGE, OwnYourSECAP, DIGIT, REDI4HEAT, GEOBOOST and CAEPBD6. This represents a total investment of €1.4 million, of the EU is contributing 95%.



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#### 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 65 projects in Poland. These represent a total investment of €163 million, of which €91.5 million has been contributed by the EU.

The completed projects focused mainly on the conservation of habitats and species. **Habitats-related projects** focused on the following: Baltic raised bogs in Pomerania; habitats for rare butterflies of wet, semi-natural meadows; aquatic warbler habitat management through sustainable systems of biomass use; xerothermic grasslands in Poland; habitats in the "Błędowska Desert" Natura 2000 site; priority sand habitats; Kampinos forests; wetlands in Biebrza; Puszcza; Lupawa and Drawa river floodplains; reconstructing habitats and curbing the influence of invasive species in five Polish national parks; alkaline fens in Northern Poland; hydrogenic habitats; caves; and military areas.

**Species-focused projects** targeted the European bison in the Bialowieza Forest; the aquatic warbler in Poland and Germany; the lesser and greater spotted eagles; white stork; priority birds under intensive urban pressure; amphibians in north-eastern Poland; capercaillie; bats; orsprey and waterfowl and wading birds in the Warta River Mouth National Park. The coordinating beneficiaries included research institutes and NGOs, as well as local and regional authorities.

There are 11 ongoing projects in Poland. Some are focused on the conservation and restoration of the following habitats: the hydrological system in the Middle basin of Biebrza Valley; the the inland delta of the Nida river; wetlands in "Puszcza Kampinoska" Natura 2000 site; and bat-breeding habitats. The others are targeting the conservation and restoration of the following species: great snipe; waterbird habitats in the Upper Vistula River Valley; apollo; rare amphibian/reptile species in Natura 2000 sites, and wet grassland wader populations. One project, Niebieski korytarz Regi, specifically aims at constructing a blue ecological corridor along the valley of Riga river and its tributaries.

Nine closed projects were co-funded under the former Information & Communication and Environmental governance and information strands. FORESTFIRE and FORESTFIRE II increased the knowledge and awareness of both the general public and rural residents concerning the threats linked to forest fires and the ways to prevent such fires. BEST FOR BIODIVERSITY project identified the best practices in biodiversity protection in forest areas, especially within Natura 2000 sites and presented methods of their protection and sustainable management to key stakeholders. Poznaj swoją Naturę raised the environmental awareness of the local community of the value of nature conservation. M-N raised public awareness and knowledge of the functioning of the Natura 2000 network, while at the same time contributing to the better implementation of EU environmental legislation in Poland. Roads for Nature LIFE contributed to reverse the decline of tree avenues and other trees in rural areas, and raising awareness of their importance among local communities. LIFEJustice for Nature increased the efficiency of the implementation of national and EU legislation on nature protection, as well as facilitating the enforcement of environmental law. LIFE Green-Go! Carpathians aimed to increase knowledge and awareness in Carpathian local communities concerning the need to protect biodiversity in rural areas. Trees Green Infra LIFE proposed a cohesive and multifaceted educational and informational campaign designed to conserve trees and support the development of green infrastructure. The ongoing INF-ARMY project's main objective is to create a permanent management network for 116 Natura 2000 sites in Polish military areas.



### 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 37 projects in Poland thus far, representing a total investment of €99.5 million, of which €52 million has been provided by the FU

The closed projects tackled the following themes: integrated management in SMEs; improvement of water quality and water resources quality; diffuse pollution in a river basin; energy regeneration; renewable energies (biogas, geothermal, solar and wind) and energy supply; energy efficiency/saving (demonstrating an innovative system for the efficient management of electrical energy in private households); soil improvement; waste management/recycling (among others in the road construction sector); sewage sludge treatment; site rehabilitation/decontamination (e.g. rehabilitation of areas used for the mining of lignite); forestry/forest management (evaluating the health of forests and monitoring of stand dynamics in Białowieża Forest with remote sensing techniques; air pollution and public health protection (developing a new air pollution management and information system); and development of a monitoring methodology for large forest areas using innovative techniques. The projects were coordinated by universities, research institutes, NGOs, SMEs and a local municipality (Gniezno). There is one ongoing project, plasticLIFEcycle, which aims to find a solution to mixed hard PLASTIC waste

Five closed projects were co-funded under the former Information & Communication and Environmental governance and information strands. The closed projects achieved following results: The DOKLIP project played a pioneering role in Poland in presenting climate issues to the public authorities (county) and to local people. The LIFE KAMPANIA ANTY-AZBESTOWA project carried out a successful campaign to raise awareness of the risks caused by asbestos and the need for public institutions and the general public to be more involved in asbestos removal. The LIFE/3 xEnvironment/PL project widely promoted the idea of saving energy and resources in SMEs. The main aim of the LIFE\_ADAPTCITY\_PL project was to reduce the negative impact of climate change on the city ecosystem of Warsaw and to use the Warsaw experience to encourage other Polish cities to undertake actions for climate change adaptation. The AGROSAFE project did not achieve its objectives and expected results. Four projects are ongoing: LIFE-MAPPINGAIR/PL project will carry out a broad information and awareness-raising campaign linking air quality forecasts, expanded monitoring, and modern methods of education. The overall goal of LIFEproETV aims to promote and ensure the effective implementation of Environmental Technology Verification (ETV) in Poland, as a voluntary scheme with a strong recognition and acceptance on the EU market. The main objective of the LIFE\_AQP\_Opolskie\_2019.PL project is to shorten the Air Quality Plans' delivery time, increase the capacity and improve the quality of public administration of the Opole Voivodeship at all levels in relation to remedial actions set out in the plan. LIFE Mercury-Free aims to awareness-raising and behaviourioul change for a Mercury-Free City Environment.

Three ongoing Strategic Integrated Projects have been co-funded in Poland under this strand. The main LIFE-IP MAŁOPOLSKA project objective is the full implementation of the Małopolska Air Quality Plan (MAQP) adopted by the regional parliament in September 2013. The main goal of the IP LIFE PL Pilica Basin CTRL project is to improve water quality in the Pilica river catchment. The objectives of the most recently co-funded LIFE-IP AQP-SILESIAN-SKY project are summarised in the box below.



# Improving air quality in Silesia (LIFE-IP AQP-SILESIAN-SKY) LIFE20 IPE/PL/000007

Silesia is Poland's most industrialised region and has one of the worst air qualities in the country and Europe. Though industry is a significant source of air pollution, the largest contributor to emissions is the domestic and municipal sectors. This Integrated Project will oversee the efficient and effective implementation of the Air Quality Plan (AQP) adopted by the Silesian Regional Assembly in 2020.

The project team, coordinated by the Silesian Voivodeship, will implement measures to improve overall air quality by replacing small-scale solid-fuel domestic heating devices with less polluting alternatives. They will also enhance institutional capacity, demonstrate tools and actions that can reinforce the implementation of the AQP, and establish a regional advisory support system and information platform to raise awareness of solutions to improve air quality.

Project summary

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European Commission/CINEA (http://ec.europa.eu/life/)

#### 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 <u>LIFE Programme</u> and <u>CINEA Clean Energy</u> 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
The construction of the blue ecological corridor along the valley of Riga river and its tributaries	LIFE11 NAT/PL/000424	Niebieski korytarz Regi	http://www.liferega.zzmiuw.p	06/2012 -> 06/2023
Conservation of selected habitats and species in Ostoja Sowiska PLH220023 and Pobrzee Sowiskie PLB220003 Stage I	LIFE13 NAT/PL/000018	<u>LIFENaturaSlowinskaPL</u>	http://www.lifenatura.slowins kipn.pl/	01/2015 -> 09/2023
Restoration of hydrological system in the Middle Basin of the Biebrza Valley. Phase II	LIFE13 NAT/PL/000050	Renaturyzacja II_LIFE_PL	http://www.renaturyzacja2.bi ebrza.org.pl/	06/2014 -> 03/2027
Active protection of the rare amphibian and reptile species on the Natura 2000 sites in Europe	LIFE17 NAT/PL/000011	Emys PL_LIFE	https://pkpr.life17.pl/	07/2018 -> 12/2023
Implementation of the National Action Plan for Great Snipe in Poland phase 1	LIFE17 NAT/PL/000015	<u>LIFEGALLINAGO ACTION</u> <u>PLAN</u>	https://www.dubelt.org.pl/proj ect.html	01/2019 -> 03/2023
Renaturalisation of inland delta of Nida River	LIFE17 NAT/PL/000018	LIFE4DELTA PL	https://life4delta.pl/	01/2019 -> 12/2024
Protection and restoration of wetlands in "Puszcza Kampinoska" Natura 2000 site	LIFE19 NAT/PL/000746	Kampinos WetLIFE	http://www.kampinoskiebagn a.pl/mamy-to-rusza-nowy- projekt-kampinoskie-bagna- <u>ii</u>	09/2020 -> 06/2026
Conservation of Parnassius apollo in Poland, Czechia and Austria	LIFE20 NAT/PL/000151	LIFE Apollo2020	https://parnassius-apollo.life/	09/2021 -> 03/2028
LIFE PODKOWIEC PLUS: back to the forest – holistic conservation of bat breeding habitats	LIFE20 NAT/PL/001427	LIFE+ PODKOWIEC TOWERS	https://lifepodkowiectowers.pl/ en/about-project/	10/2021 -> 09/2026
Recovery of wet grassland wader populations in Poland through creation of large- scale conservation areas	LIFE21-NAT-PL- LIFE4WadersPL/10 1069516	<u>LIFE4WadersP</u> L	N/A	09/2022 -> 12/2027
Supporting users of military areas in the management of Natura 2000 sites	LIFE21-GIE-PL-INF- ARMY/101074108	<u>INF-ARMY</u>	N/A	09/2022 -> 12/2024
Odtworzenie oraz zachowanie obszarów bagiennych, torfowisk i terenów podmokłych na obszarach Natura 2000 i Zielonej Infrastruktury	LIFE21-IPN-PL- WETLANDS GREEN LIFE/101069640	WETLANDS GREEN LIFE	N/A	11/2022 -> 12/2032

Ongoing LIFE Circular Economy and Quality of Life projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
The solution for the management of mixed hard PLASTIC waste by applying CIrCuLar Economy approach	LIFE21-ENV-PL- plasticLIFEcycle/10 1074161	plasticLIFEcycle	N/A	08/2022 -> 07/2026
"Do you know what you breathe?" Educational and information campaign for cleaner air	LIFE17 GIE/PL/000631	LIFE-MAPPINGAIR/PL	https://mappingair.meteo.uni. wroc.pl/en/957-2/	04/2019 -> 03/2023
Implementation of the air quality management system in the local governments of the Opole Voivodeship	LIFE19 GIE/PL/000398	LIFE AQP Opolskie 2019.PL	https://powietrze.opolskie.pl/	10/2020 -> 12/2023
Promotion and implementation of ETV as an EU voluntary scheme for verifying performance of environmental technologies.	LIFE19 GIE/PL/000784	<u>LIFEproETV</u>	https://lifeproetv.eu/	09/2020 -> 12/2023
Complex Awareness Raising and Behaviour Change for the Mercury-Free City Environment	LIFE21-GIE-PL-LIFE MERCURY- FREE/101074412	LIFE MERCURY-FREE	N/A	11/2022 -> 10/2025
Implementation of air quality plan for Małopolska Region - Małopolska in a healthy atmosphere	LIFE14 IPE/PL/000021	<u>Małopolska Region</u>	http://powietrze.malopolska.p l/en/life-ip/	01/2015 -> 12/2025
Implementation of River Basin Management Plan in the Vistula basin on the example of Pilica river catchment	LIFE19 IPE/PL/000005	IP LIFE PL Pilica Basin CTRL	N/A	01/2021 -> 12/2030
"Silesia. Blue Sky Restored". Comprehensive implementation of the Air Quality Plan for the Silesian Voivodeship	LIFE20 IPE/PL/000007	LIFE-IP AQP-SILESIAN-SKY	https://przywracamyblekit.sla skie.pl/pl	01/2022 -> 12/2027

Ongoing LIFE Climate Change Mitigation and Adaptation projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
Use of remote sensing for management of blue-green infrastructure in the process of city adaptation to climate change	LIFE21-CCA-PL- LIFECOOLCITY/101 074553	LIFECOOLCITY	N/A	01/2023 -> 06/2029
Lightweight bio-based polymer composites for lower emission vehicles	LIFE17 CCM/PL/000049	LIFE BIOBCOMPO	http://lifebiobcompo.eu/	07/2018 -> 02/2023
The demonstrative installation for the separation of refrigerant waste mixtures	LIFE18 CCM/PL/001100	Refrigerants LIFE Cycle	https://life-prozon.eu/	07/2019 -> 06/2023
The impact assessment of the EU Emission Trading System with the long-term vision for a climate neutral economy by 2050	LIFE19 GIC/PL/001205	LIFE VIIEW 2050	https://climatecake.ios.edu.pl/ aktualnosci/aktualnosci-life- viiew-2050/aktualizacja- narzedzi-analitycznych-life- climate-cake-pl-dla-modelu- cge-d-place-	12/2020 -> 12/2023

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			energetycznego-meesa- transportowego-tr3e-oraz- rolniczego-epica-jednym-z- zadan-projektu-life-viiew- 2050/	
Solution for CLIMAte change vulnerability/risk assessment and adaptation planning in large commercial ARCHItecture	LIFE20 CCA/PL/001573	LIFE Archiclima	https://investeko.pl/lifecogen eration-pl/	07/2021 -> 06/2025
An innovative solar-powered cooling device, based on climate-friendly refrigerant and thermal energy storage	LIFE20 CCM/PL/001607	COOLSPACES 4 LIFE	https://www.coolspaces4life. com/	09/2021 -> 08/2026
Implementation of the Regional Action Plan for Climate and Energy for the Malopolska Region	LIFE19 IPC/PL/00005	LIFE-IP EKOMALOPOLSKA	https://www.malopolska.pl/ak tualnosci/srodowisko/malopo lska-przygotuje-nowy- projekt-zintegrowany-life	01/2021 -> 12/2030
Implementation of the Strategy for Climate Neutrality Eastern Wielkopolska 2040	LIFE21-IPC-PL-LIFE AFTER COAL PL/101069886	LIFE AFTER COAL PL	N/A	01/2023 -> 12/2031

Ongoing Clean Energy Transition projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
BUILD UP Skills II Poland	LIFE21-CET- BUILDSKILLS- BUPS Poland/101076976	<u>BUPS Poland</u>	N/A	11/2022 -> 04/2024
Bringing local and regional municipalities towards owning their SECAPs	LIFE21-CET-LOCAL- OwnYourSECAP/10 1077109	<u>OwnYourSECAP</u>	N/A	09/2022 -> 08/2025
Governance and Social Impact of Coal Regions under Transition	LIFE21-CET- COALREGIONS- SITRANS/10107641 0	<u>SITRANS</u>	N/A	11/2022 -> 04/2025
Odyssee-MURE – Monitoring the Energy Efficiency Pillar for Climate Neutrality	LIFE21-CET- POLICY- OdysseeMure fit-4- 55/101075902	OdysseeMure fit-4-55	N/A	10/2022 -> 03/2025
Developing Energy Efficiency Projects in SMEs for European 2050 targets	LIFE21-CET- AUDITS-DEESME 2050/101076386	DEESME 2050	N/A	11/2022 -> 04/2025
6th Concerted Action supporting Member States and participating countries in implementing the Energy Performance of Buildings Directive	LIFE21-CET-CA- CAEPBD6/1011020 78	<u>CAEPBD6</u>	N/A	11/2022 -> 10/2027
Developing a transnational governance and holistic integrated services framework supporting the sustainability of European energy communities	LIFE21-CET- ENERCOM- COMANAGE/10107 6753	<u>COMANAGE</u>	N/A	11/2022 -> 10/2025
Evaluation, Quantification and Strengthening of the Implementation of the Policies and EM&V under Article 7 of the EED	LIFE21-CET- POLICY-ENSMOV Plus/101076098	ENSMOV Plus	N/A	12/2022 -> 11/2025
Integration of non-energy benefits into energy audit	LIFE21-CET- AUDITS-	KNOWnNEBs	N/A	11/2022 -> 10/2025

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practices to accelerate the uptake of recommended measures	KNOWnNEBs/1010 76494			
JUStice in Transition and EMpowerment against energy poverty	LIFE21-CET- COALREGIONS- JUSTEM/10107615 1	<u>JUSTEM</u>	N/A	11/2022 -> 04/2025
RED implementation for heating and cooling	LIFE21-CET- POLICY- REDI4HEAT/101077 369	<u>REDI4HEAT</u>	N/A	10/2022 -> 09/2025
Boosting geothermal heat pumps to mainstream cost- effective and efficient renewable heating and cooling in buildings	LIFE21-CET- POLICY- GEOBOOST/101077 613	<u>GEOBOOST</u>	N/A	01/2023 -> 12/2025
Central and Eastern Europe Sustainable Energy Union's Design and Implementation of regional Government Initiatives for a just energy Transition	LIFE21-CET-LOCAL- CEESEU- DIGIT/101077297	<u>DIGIT</u>	N/A	01/2023 -> 12/2025