

# LIFE Programme in Spain

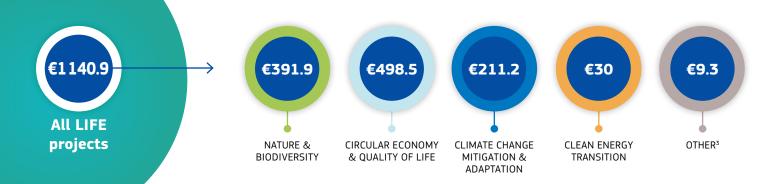
The LIFE Programme is the EU's funding instrument for environment and climate action. It has been running since 1992 and has co-financed more than 6 000 projects across the EU and in neighbouring countries. LIFE has contributed almost  $\in$ 8 billion to these projects, amounting to around two-thirds of the projects' overall budget of  $\in$ 12 billion. The LIFE Programme contributes directly to the objectives and targets of the European Green Deal.

BUDGET <mark>2021-2027</mark> → **€5.4 billion**  The LIFE Programme includes the following sub-programmes:





## **EU contribution<sup>2</sup> to LIFE projects since 1992** (€ million)



- 1 Total number of project figures refer to projects coordinated by an organisation in the country in question since 1992. LIFE projects financed since 2014 are publicly available on <u>QlikSense</u>.
- 2 Covers EU contribution to both project coordinators and project participants to multi-country projects.
- 3 OTHER includes NGO operating grants and Capacity Building (CAP) projects. The Technical Assistance (TA)
- and Preparatory (PRE) projects are included under the relevant sub-programmes.



### FOCUS ON 2023-2024

#### **LIFE NATURE & BIODIVERSITY**

The Nature and Biodiversity sub-programme aims to protect and restore Europe's nature and to halt and reverse biodiversity loss. The subprogramme contributes to the implementation of the EU Birds and Habitats directives, the development and management of the Natura 2000 network, the Invasive Alien Species Regulation, and supports the achievement of the objectives of the EU Biodiversity strategy for 2030 and the newly adopted EU Nature Restoration Regulation.

#### > <u>More information</u> on this sub-programme



## 

Improving environmental conservation by increasing the efficiency and effectiveness of actions against environmental crime (Life+ Nature Guardians)

#### > <u>Project summary</u>

Devastating environmental crimes threaten our ecosystems, demanding urgent action to support law enforcement. The Nature Guardians project intervened by training over 1,500 agents in Spain and beyond, and producing the first Police Investigation Manual for biodiversity crimes in multiple languages.

The objective was clear: fewer animal deaths from illegal activities. By providing specialised training and innovative tools, the initiative empowered authorities to effectively combat environmental offenses.

The Nature Guardians project has generated a remarkable 62% reduction in wildlife mortality due to illegal acts, a 110% increase in crime detections and a 34.5% rise in prosecutions.



#### Examples of ongoing projects in Spain

Loggerhead turtles particularly, a priority species in the EU Habitat Directive, face serious risks from fishing gear, which causes entanglement. **LIFEOASIS** tackles these challenges by collaborating with fisheries across the Balearic Islands, Sicily, Tunisia and Malta to test a new technology that minimises turtle bycatch. This initiative also engages local fishers in recovering entangled turtles and collecting data, helping to support the Mediterranean's ecological health and advance international efforts to address illegal and unregulated fishing. Through cross-border collaboration, LIFE OASIS aims to create a replicable model that supports both marine conservation and sustainable fishing practices.

Invasive alien species (IAS), the second largest driver of biodiversity loss after habitat destruction, pose a severe threat to ecosystems worldwide. Cortaderia selloana, or pampas grass, exemplifies this in the Atlantic Arc, where its spread disrupts both natural and human landscapes. The LIFE **<u>Coop Cortaderia</u>** project combats this by controlling and eradicating the plant across 1 000 hectares in Spain and Portugal. The project will engage 250 entities in a transnational alliance, enhance governance, and train over 800 professionals. It includes public outreach, scientific knowledge sharing, and pilot eradication actions, ultimately contributing to long-term, sustainable control strategies for this invasive species.



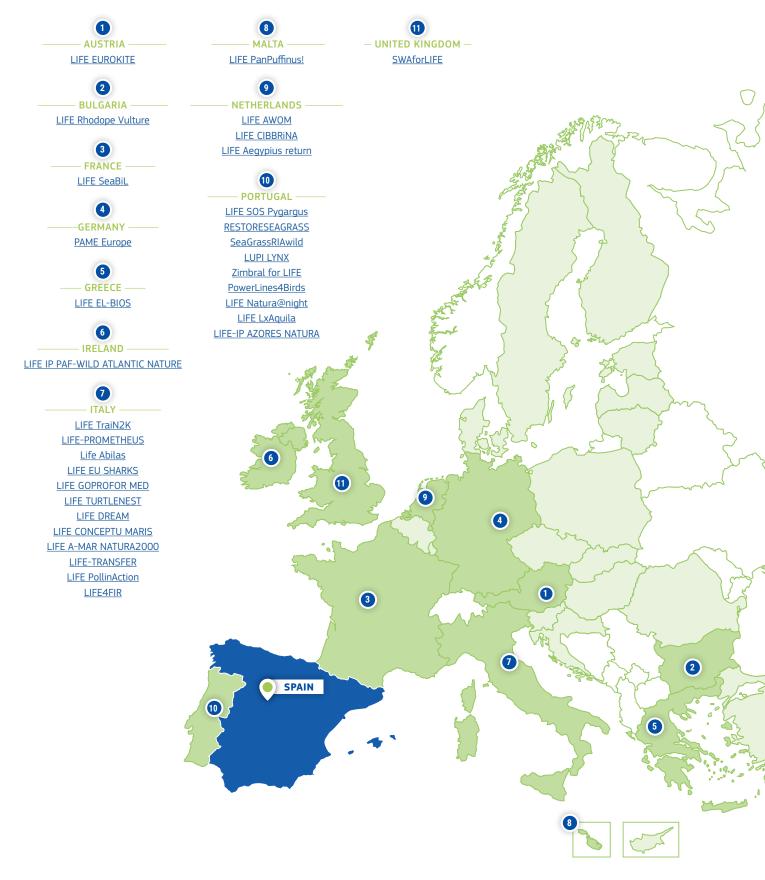


### Participants under the LIFE Nature & Biodiversity sub-programme

LIFE Programme in Spain

Spanish partners are also participating in 31 ongoing LIFE Nature & Biodiversity projects in 10 other EU Member States and in 1 project in the United Kingdom.







#### **CIRCULAR ECONOMY & QUALITY OF LIFE**

The Circular Economy and Quality of LIFE sub-programme aims to facilitate the transition toward a sustainable, circular, toxic-free, energy-efficient and climate-resilient economy and to protect, restore and improve the quality of the environment. The sub-programme mainly supports implementing innovative and best practice solutions, in particular with regard to the circular economy, including recovery of resources from waste, water, air, noise, soil and chemical management as well as environmental governance and the and the new European Bauhaus. Priority is given to solutions that are ready to be implemented in close-tomarket conditions, at industrial or commercial scale.

#### > <u>More information</u> on this sub-programme





## Desalination for Environmental Sustainability And LIFE (DESALIFE)



#### > <u>Project summary</u>

The six project partners will validate a new zeroemissions desalination technology that uses off-shore wave-powered buoys. The buoys will use wave energy to carry out reverse osmosis of seawater and pump the resulting freshwater to shore. A small fleet of buoys will be deployed off the coast of Gran Canaria, Canary Islands, Spain, to deliver 1.7 billion litres of water.



#### Examples of ongoing projects in Spain

The consortium behind **LIFE NEEVE** targets the reduction of non-exhaust emissions (NEE), such as particulate matter and microplastics, from vehicles and road surfaces. These emissions, largely from tyres, brakes and pavements, have a significant impact on air quality and human health. By developing real-time onboard monitoring systems and innovative technologies, the project will reduce NEE emissions in Spain and Germany. It will also promote regulatory changes and raise awareness among manufacturers, policymakers and drivers to ensure widespread adoption of these solutions across the EU, ultimately enhancing sustainability and health outcomes for EU citizens.

The textile industry is a major contributor to environmental degradation, causing immense waste, high water consumption and substantial carbon emissions. In 2020, it generated 92 million tonnes of waste, consumed 93 billion  $m^3$  of water, and emitted 1.7 billion tonnes of  $CO_2$ . Despite growing recycling efforts, less than 50% of discarded textiles are collected for reuse, and only 1% are recycled into new clothing. The **LIFE POLITEX** project aims to address these challenges by pioneering fibre-to-fibre polyester recycling technology. This innovative process will close the loop on polyester production, turning textile waste into new fibres and promoting a more sustainable, circular textile economy. By expanding this technology, the project will reduce waste, cut emissions and establish a fully circular model for the industry.

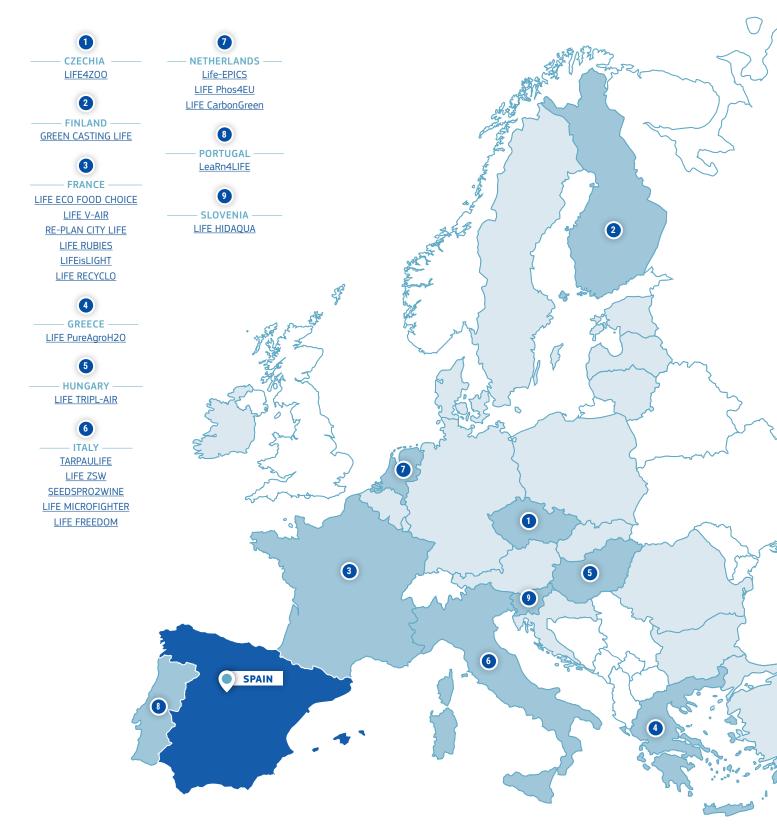




# Participants under the LIFE Circular Economy & Quality of Life sub-programme

Spanish partners are also participating in 20 ongoing LIFE Circular Economy & Quality of Life projects in 9 other EU Member States.







#### LIFE CLIMATE CHANGE MITIGATION & ADAPTATION

The LIFE Climate Change Mitigation and Adaptation sub-programme supports actions that support the implementation of 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 contribute to the shift towards a sustainable, energy-efficient, renewable-energy-based, climate-neutral and climate-resilient economy.

#### > <u>More information</u> on this sub-programme





Locking carbon in harvested wood products, from forests to sustainable wood products (WOOD4LIFE)



#### > <u>Project summary</u>

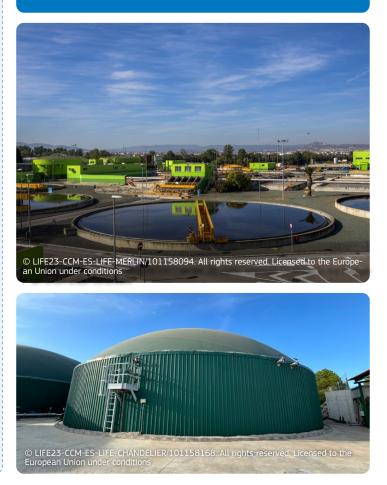
Forests play a crucial role in mitigating climate change by absorbing CO<sub>2</sub> and providing essential ecosystem services. However, issues such as forest abandonment, low-value wood supply chains, and lack of sustainable management practices are undermining their ability to contribute effectively to carbon sequestration. LIFE WOOD4LIFE addresses these challenges by focusing on improving forest management practices in Castilla-La Mancha, with the aim of enhancing carbon storage in soils and biomass. The project promotes the use of wood in long-lasting products like those in the construction sector, ensuring carbon remains stored outside the forest for extended periods. Through partnerships and improved business models, WOOD4LIFE strengthens the forest value chain, increasing its resilience to climate change while fostering biodiversity conservation and sustainable economic development. This initiative has the potential for replication across Europe, contributing to the EU's broader climate goals.



#### Examples of ongoing projects in Spain

The **LIFE MERLIN** project focuses on increasing biogas production by using new techniques to treat waste materials more effectively. By breaking down sludge with ultrasound and combining it with other waste materials, the project aims to produce more biogas while reducing waste disposal. Tested in 2 Spanish wastewater treatment plants, it will help improve energy independence, create jobs, and reduce CO<sub>2</sub> emissions, supporting the EU's decarbonisation goals.

**LIFE CHANDELIER** aims to boost biomethane production, a sustainable alternative to fossil fuels, in rural areas by converting agri-food waste, like olive pomace and cereal straw, into vehicle fuel. The project focuses on small, cost-effective plants that improve biogas production through innovative methods. By cutting greenhouse gas emissions by up to 80%, it promotes sustainable transport and offers a model that can be expanded to other regions, supporting the EU's climate goals.

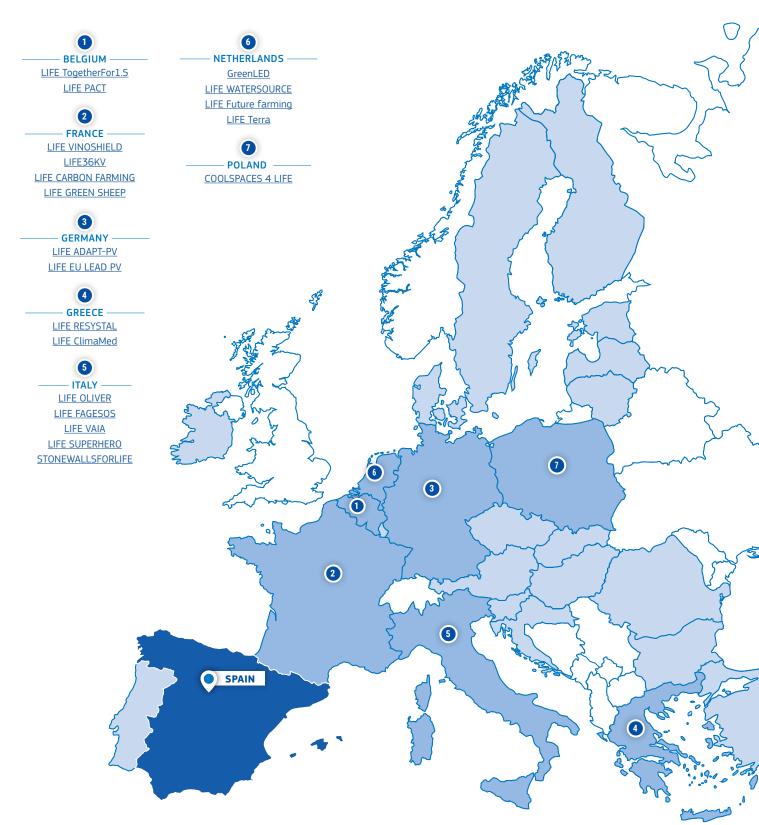




# Participants under the LIFE Climate Change Mitigation & Adaptation sub-programme

Spanish partners are also participating in 20 ongoing LIFE Climate Mitigation & Adaptation projects in 7 other EU Member States.







#### LIFE CLEAN ENERGY TRANSITION

The LIFE Clean Energy Transition sub-programme supports the delivery of EU policies in the field of sustainable energy, in particular, the European Green Deal, the Energy Union (2030 energy and climate targets) and the European Union's 2050 long-term decarbonisation strategy. It aims to facilitate the transition towards an energy-efficient, renewable energy-based, climate-neutral and -resilient economy by funding actions of high EU added-value, which are targeted at breaking market barriers that hamper the transition to sustainable energy.

#### > <u>More information</u> on this sub-programme





#### Facilitating Ambitious Energy Renovation of Public Buildings through Integrated Services in Spain (FACILITA)

#### > <u>Project summary</u>

LIFE FACILITA tackles the challenge of energy-inefficient public buildings in Spain, which hinder the EU's clean energy goals. With low renovation rates across the country's varied climates, many local and regional authorities struggle to implement effective energy upgrades. To address this, the project's team will establish regional One-Stop-Shops (OSSs) in Extremadura, Madrid and Valencia. Each OSS will provide local and regional authorities with a full range of support services, including technical, financial and legal guidance, as well as help with procurement and quality assurance, making it easier to plan and complete building upgrades. FACILITA's approach includes analysing current legal, regulatory and financial frameworks, then tailoring each OSS to the unique needs of each region, taking climate, local government structure and economic conditions into account. After a testing phase, FACILITA will produce a toolkit for replication across other EU regions, encouraging broader policy adoption.



#### Examples of ongoing projects in Spain

The **ENERGIZE+** project seeks to create renewable energy communities in industrial parks across Europe, reducing CO<sub>2</sub> emissions and fostering sustainable practices in high-emission sectors. By developing cooperative energy models, the project team will provide training, resources and digital tools for industry stakeholders, aiming for significant renewable energy adoption and greenhouse gas reductions in 4 pilot regions. ENERGIZE+ will also serve as a scalable model for Europe's industrial energy transition goals.

**RENPOWER** aims to enhance home energy efficiency by establishing community-led, integrated renovation services for private homeowners in Spain and Ireland. Through local energy cooperatives, the project team will offer one-stop-shop support to guide households through energy upgrades, reducing energy consumption and emissions. A replication toolkit will also be developed, enabling other EU regions to adopt similar services and contribute to the EU's clean energy transition and climate goals. Focusing on vulnerable communities, RENPOWER targets 200 renovations and  $\in 6.8$  million in investment



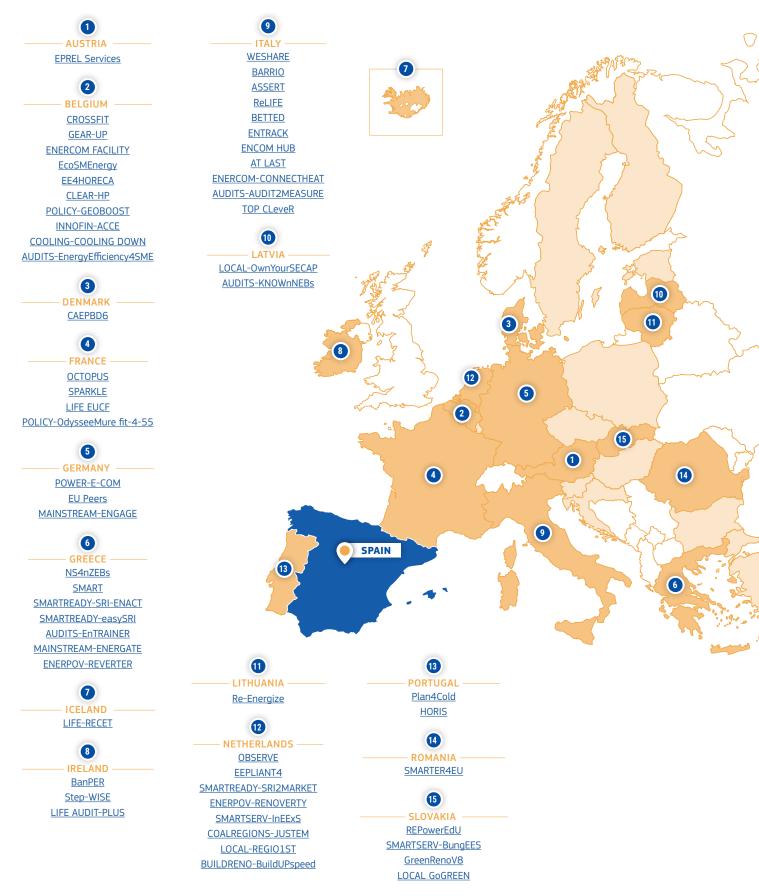
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### Participants under the LIFE Clean Energy Transition sub-programme

Spanish partners are also participating in 58 ongoing LIFE Clean Energy Transition projects in 15 other EU Member States and in 1 project in Iceland.







#### **OTHER**

This section includes NGO operating grants and Capacity Building (CAP) projects.

In addition to providing direct co-financing to projects, LIFE also provides operating grants that enable non-profit entities to raise awareness of environmental issues and contribute to policy-making by representing citizens' views.

These organisations facilitate dialogue with stakeholders and ensure public concerns on the environment and climate change are addressed, providing a democratic counterbalance to other interests.

> More information on this sub-programme





Oceana in Europe SGA 2024 (Oceana in Europe)

Oceana in Europe is a 2024 initiative focused exclusively ing for measurable results in sustainable fisheries, plastic priorities include ensuring proper management of Europe's fisheries, reducing single-use plastics in oceans, tackling illegal and unreported fishing, and expanding the network of

## WANT TO KNOW MORE ABOUT LIFE?

#### VISIT THE LIFE WEBSITE, LIFE PROJECT DATABASE AND WATCH THE LIFE PROGRAMME VIDEO

#### FOLLOW THE LIFE PROGRAMME ON SOCIAL MEDIA

ec.europa.eu/LIFE

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#### SIGN UP TO THE LIFE PROGRAMME AND CINEA CLEAN ENERGY NEWSLETTERS

#### CONTACT THE LIFE NATIONAL CONTACT POINT IN YOUR MEMBER STATE

WEBSITE  $\rightarrow$  European National Contact Points - European Commission (europa.eu)

ONGOING NATURE & BIODIVERSITY PROJECTS COORDINATED BY SPANISH BENEFICIARIES			
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
Transnational strategy for restoring Northern Iberian Natura 2000 high conservation value areas under a global change perspective	LIFE23-NAT-ES-LIFE GLOBAL	LIFE GLOBAL	01/06/2024 - 30/09/2029
Mitigating the negative interactions of protected species with marine litter and pelagic fisheries of the Mediterranean	LIFE23-NAT-ES-LIFEOASIS	LIFEOASIS	02/09/2024 - 01/09/2029
Nature governance: an innovative mission for enhancing biodiversity conservation through land stewardship	LIFE23-GIE-ES-LIFE Steward- ship	LIFE Stewardship	01/10/2024 - 30/09/2028



ONGOING NATURE & BIODIVE	RSITY PROJECTS COORDINATE	D BY SPANISH BENEF	ICIARIES
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
Stop Cortaderia +. Development and implementa- tion of a transnational alliance against Cortaderia	LIFE22-NAT-ES-Coop Cortaderia	<u>Coop Cortaderia</u>	01/10/2023 - 30/09/2028
Restoration and improvement of Priority Habitat 9370* Palm groves of Phoenix	LIFE22-NAT-ES-LIFE Phoenix	LIFE Phoenix	01/07/2023 - 30/06/2028
Prevention and mitigation of conflicts in villages and their surroundings to favour coexistence be- tween humans and bears in the higher bear density municipalities of the Cantabrian Mountains (Spain)	LIFE22-NAT-ES-LIFE HUMAN BEAR COEX	LIFE HUMAN BEAR COEX	01/07/2023 - 31/12/2027
Mejora ecológica de la red fluvial Natura 2000 en el Golfo de Bizkaia	LIFE21-NAT-ES-LIFE KANTAU- RIBAI (101074197)	LIFE KANTAURIBAI (101074197)	01/10/2022 - 30/09/2027
Iberian Corridors Pro Bearded Vulture	LIFE20 NAT/ES/001363-LIFE Pro BV	LIFE Pro BV	10/01/2022 - 09/01/2027
Improving the capabilities of the EuroBirdPortal project in order to boost its contribution towards EU policy objectives under the Birds Directive and the 2030 Biodiversity Strategy	LIFE22-PLP-ES-EBP reinforce- ment	EBP reinforcement	01/07/2023 - 31/12/2026
Conservation and restoration of relict Taxus bacca- ta woods	LIFE20 NAT/ES/001128-LIFE Teixeres	LIFE Teixeres	30/09/2021 - 31/12/2026
Long Distance Non Motorized routes such as Green Infrastructures	LIFE20 NAT/ES/000309-Steps for LIFE	Steps for LIFE	01/01/2022 - 31/12/2026
Restoration of aquatic ecosystems of protected areas from the Alps and Pyrenees	LIFE20 NAT/ES/000369-LIFE RESQUE ALPYR	LIFE RESQUE ALPYR	01/01/2022 - 31/12/2026
Integrated strategy for sustainable management of insular habitats in Natura 2000 islands of the Atlantic Ocean	LIFE20 NAT/ES/001007-LIFE INSULAR	<u>LIFE INSULAR</u>	01/09/2021 - 31/12/2026
Structural and assisted connectivity improvement of Dupont's lark (Chersophilus duponti) Iberian metapopulation	LIFE20 NAT/ES/000133-LIFE CONNECT RICOTI	LIFE CONNECT RICOTI	15/09/2021 - 31/12/2026
Towards an integrative management of Invasive Alien Plant Species in Mediterranean sea cliffs of European interest	LIFE20 NAT/ES/001223-LIFE medCLIFFS	LIFE medCLIFFS	01/10/2021 - 30/09/2026
LIFE Olivares Vivos + Increasing the impact of Olivares Vivos in the EU	LIFE20 NAT/ES/001487-LIFE Olivares Vivos +	<u>LIFE Olivares Vivos +</u>	01/09/2021 - 30/09/2026
Revitalizing semi-arid extensive farming habitats through the sustainable management of their asso- ciated scrubs areas	LIFE20 NAT/ES/000978-LIFE ScrubsNet	LIFE ScrubsNet	01/12/2021 - 31/08/2026
Sustainable agrarian approaches for agro-steppe species and habitats conservation in Nature 2000	LIFE20 NAT/ES/001477-LIFE Iberian Agrosteppes	<u>LIFE Iberian Agro-</u> <u>steppes</u>	01/09/2021 - 31/08/2026
Ecological restoration of human-impacted benthic marine ecosystems through active strategies and participatory approach	LIFE20 NAT/ES/001270-LIFE ECOREST	LIFE ECOREST	01/09/2021 - 31/08/2026
LIFE Coordinated actions for the recovery of the marbled teal (Marmaronetta angustirostris) in Spain	LIFE19 NAT/ES/000906-LIFE Cerceta pardilla	LIFE Cerceta pardilla	01/01/2021 - 31/12/2025
Conservation strategy for steppe birds in Bardenas Reales (Navarra, Spain)	LIFE20 NAT/ES/001172-LIFE FARMINGBARDENAS	<u>LIFE FARMING-</u> <u>BARDENAS</u>	01/10/2021 - 30/09/2025
Creating a genetically and demographically func- tional Iberian Lynx (Lynx pardinus) metapopulation	LIFE19 NAT/ES/001055-LIFE LYNXCONNECT	LIFE LYNXCONNECT	01/10/2021 - 30/09/2025
CONSERVATION AND RESTORATION OF MEDITER- RANEAN ALDER FORESTS PRIORITY HABITAT IN WESTERN INTERNATIONAL TAJO RIVER BASIN	LIFE20 NAT/ES/000021-LIFE ALNUS TAEJO	LIFE ALNUS TAEJO	01/09/2021 - 31/08/2025
Guiding the mainstreaming of best biowaste recy- cling practices in Europe	LIFE21-PRE-ES-LIFE BIOBEST	LIFE BIOBEST	01/01/2023 - 30/06/2025



ONGOING NATURE & BIODIVERSITY PROJECTS COORDINATED BY SPANISH BENEFICIARIES			
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
Drawing the baselines for the good management of a Mediterranean key species, the wild rabbit	LIFE20 GIE/ES/000731-LIFE Iberconejo	LIFE Iberconejo	01/10/2021 - 30/06/2025
Improving key food resources and preventing winter conflicts for Cantabrian brown bears under climate change scenarios	LIFE19 NAT/ES/000913-LIFE BEARS WITH FUTURE	LIFE BEARS WITH FUTURE	01/10/2020 - 31/03/2025
Protection and restoration of Pinna nobilis popula- tions as a response to the catastrophic pandemic started in 2016	LIFE20 NAT/ES/001265-LIFE PINNARCA	<u>LIFE PINNARCA</u>	01/10/2021 - 31/12/2024
RESTORATION AND EXPANSION OF "EL HITO", A PRIORITY SALT FLAT AND WETLAND (SPAIN)	LIFE20 NAT/ES/000035-LIFE EL HITO	<u>LIFE EL HITO</u>	01/10/2021 - 31/12/2024
Integrated, Innovative and Participatory Manage- ment for N2000 network in the Marine Environment	LIFE15 IPE/ES/000012-LIFE-IP INTEMARES	LIFE-IP INTEMARES	01/01/2017 - 31/12/2024
Implementation of the river Duero basin manage- ment plan in the Central-South part of the river Duero basin	LIFE16 IPE/ES/000019-RB- MP-DUERO	<u>RBMP-DUERO</u>	01/01/2018 - 31/12/2026

ONGOING CIRCULAR ECONOMY & QUALITY OF LIFE PROJECTS COORDINATED BY SPANISH BENEFICIARIES			
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
Desalination for Environmental Sustainability And LIFE	LIFE23-ENV-ES-DESALIFE	DESALIFE	01/01/2025 - 31/12/2029
REcycling Li-Ion batteries for Green Hybrid Tech- nologies	LIFE21-ENV-ES-LIFE ReLiGHT	LIFE ReLiGHT	01/10/2022 - 30/09/2029
Sustainable drinking and irrigation water produc- tion from saline alternative water resources	LIFE23-ENV-ES-SALTEAU	<u>SALTEAU</u>	01/09/2024 - 28/02/2029
Beautifying cities through nature: implementation of biodiversity-friendly NBS framed by the New European Bauhaus in 3 pilot neighbourhoods of Spain, Italy and Hungary	LIFE23-ENV-ES-LIFE SeedNEB	LIFE SeedNEB	01/07/2024 - 30/06/2028
Innovative technologies to monitor and reduce Non-Exhaust Emissions, particles and microplas- tics of VEhicles and pavements to improve air quality and human health.	LIFE23-ENV-ES-LIFE NEEVE	<u>LIFE NEEVE</u>	01/05/2024 - 30/04/2028
Decentralised solution to remove contaminants of emerging concern from hospital effluents	LIFE23-ENV-ES-GENESYS	<u>GENESYS</u>	01/09/2024 - 29/02/2028
Fibre to fibre full circularity in the textile sector through novel polyester recycling technologies	LIFE23-ENV-ES-LIFE POLITEX	LIFE POLITEX	01/06/2024 - 30/11/2027
Restoration, conservation, and resilience of moun- tain pine (Pinus uncinata) forests on limestone in the Pyrenees	LIFE21-NAT-ES-LIFE UNCINATA	LIFE UNCINATA	01/12/2022 - 30/11/2027
Marketable high performance compact technol- ogies for the abatement of VOCs in EU waste treatment plants, decreasing CO2 emissions and energy consumption.	LIFE22-ENV-ES-LIFE ABATE	<u>LIFE ABATE</u>	16/10/2023 - 15/10/2027
Beautiful, sustainable, together: validation of the New European Bauhaus approach for the reimag- ination of public buildings as boosting projects for the transformation of their neighbourhoods.	LIFE22-ENV-ES-LIFEBauhausin- gEurope	<u>LIFEBauhausingEu-</u> <u>rope</u>	01/10/2023 - 30/09/2027
Demonstration of the production of bioplastics from hardwood leftovers for high value com- postable biobased products	LIFE23-ENV-ES-WOOD4PLASTIC	WOOD4PLASTIC	01/09/2024 - 31/08/2027
Expansion of the WEEELOOP model for a circular hob industry	LIFE23-ENV-ES-LIFE WEEELOOP	LIFE WEEELOOP	01/09/2024 - 31/08/2027
Overcoming difficulties and working on strengths to improve the local management of 5 priority ar- eas in 5 European cities and showcase a success- ful implementation of the Green City Accord	LIFE22-GIE-ES-LIFE GreenMe5	LIFE GreenMe5	01/09/2023 - 31/08/2027



ONGOING CIRCULAR ECONOMY & QU	ALITY OF LIFE PROJECTS COOR	DINATED BY SPANISH	BENEFICIARIES
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
EBRO RESILIENCE STRATEGY: FLOOD RISK MAN- AGEMENT THROUGH GREEN INFRASTRUCTURES AND ADAPTATION MEASURES	LIFE20 ENV/ES/000327-LIFE EBRO RESILIENCE P1	LIFE EBRO RESIL- IENCE P1	01/09/2021 - 31/08/2027
Aluminium Foundries Circularity via Holistic Zeolite Production for Effluents Depuration	LIFE22-ENV-ES-Z-ONA4LIFE	ONA4LIFE	01/07/2023 - 30/06/2027
LIFE NextFUMIGREEN: Development of natural fu- migants for the control of whitefly in greenhouses horticultural crops	LIFE21-ENV-ES-LIFE NextFUMI- GREEN	LIFE NextFUMIGREEN	01/12/2022 - 31/05/2027
Learning from the experience of bringing Level(s) to real Life	LIFE22-PRE-ES-More LIFE to LEVELs	More LIFE to LEVELs	15/05/2023 - 14/05/2027
Safe water reuse in Managed Aquifer Recharge: innovative solution combining physical, digital and governance aspects	LIFE20 ENV/ES/000788-LIFE MATRIX	LIFE MATRIX	01/10/2021 - 30/04/2027
Circular economy applied to nitrate removal: hy- drogen generation and waste recovery in drinking water	LIFE22-ENV-ES-LIFE ELEKTRA	<u>LIFE ELEKTRA</u>	01/10/2023 - 31/03/2027
Circular and safe solution for synthetic turf pitches	LIFE22-ENV-ES-LIFET4C	LIFET4C	01/09/2023 - 28/02/2027
Life Als - See & Save	LIFE21-ENV-ES-Life-Als	<u>Life-Als</u>	01/09/2022 - 28/02/2027
Advanced risk management tool for early detec- tion and identification of toxic algal blooms	LIFE22-ENV-ES-CYANOBLOOM	<u>CYANOBLOOM</u>	01/07/2023 - 31/12/2026
LIFE GLEANSMART: New Sustainable Circular System for reducing food loss via Fruit Gleaning and Upcycling	LIFE22-ENV-ES-LIFE GLEANSMART	LIFE GLEANSMART	01/07/2023 - 31/12/2026
Recovering landfill waste through an innovative and integrated process committed to the circular economy	LIFE22-ENV-ES-LIFE ZERO- LANDFILLING	LIFE ZEROLANDFILL- ING	01/09/2023 - 30/11/2026
NEW MODEL FOR THE APPLICATION AND USE OF RECLAIMED WATER IN INDUSTRIAL ENVIRON- MENTS IN THE CERAMICS SECTOR	LIFE22-ENV-ES-LIFE REWAIN- CER	LIFE REWAINCER	01/06/2023 - 30/11/2026
Zero Emission Biochemical and Renewable Additives	LIFE21-ENV-ES-ZEBRA-LIFE	ZEBRA-LIFE	01/11/2022 - 31/10/2026
Maximising opportunities for a circular approach for the sustainable management of olive pomace via optimal insect farming	LIFE23-ENV-ES-OLIFECycle	<u>OLIFECycle</u>	01/10/2023 - 30/09/2026
Closed-LOOps VErification of REused and Recycled polyolefins crates, drums & jerry cans	LIFE22-ENV-ES-CLOOVER2	CLOOVER2	01/10/2023 - 30/09/2026
BIG4LIFE (Building-integrated Greenery): Col- laborative xeriscaping-based maintenance and monitoring in Mediterranean cities	LIFE22-ENV-ES-BIG4LIFE	<u>BIG4LIFE</u>	01/09/2023 - 31/08/2026
Innovative and versatile integrated solution to re- move contaminants of emerging concern in water treatment systems	LIFE21-ENV-ES-PRISTINE	PRISTINE	01/08/2022 - 31/07/2026
Implementation of circular economy processes to reduce textile waste in the manufacture of personal protective equipment	LIFE22-ENV-ES-LIFE-CIRTECH- TEX	<u>CIRTECHTEX</u>	01/06/2023 - 31/05/2026
upCYCLling pOlyPhenols from waSte	LIFE21-ENV-ES-CYCLOPS	<u>CYCLOPS</u>	03/10/2022 - 02/04/2026
Innovative cost-effective water reuse approach in compliance with the new European regulation framework for agricultural irrigation (WAter Reuse adaptation RegulatIOn agRo)	LIFE21-ENV-ES-WARRIOR	WARRIOR	01/10/2022 - 31/03/2026
Integrated water, energy and resources production for sustainable seawater desalination	LIFE21-ENV-ES-LIFE INDESAL	LIFE INDESAL	01/08/2022 - 31/01/2026



ONGOING CIRCULAR ECONOMY & QU	ALITY OF LIFE PROJECTS COOR	DINATED BY SPANISH	BENEFICIARIES
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
Eco-efficient system for wastewater tertiary treatment and water reuses in the Mediterranean region	LIFE21-ENV-ES-BIODAPH20	BIODAPH20	01/08/2022 - 31/01/2026
Reducing the impact of underwater noise on the marine environment of the Port of Cartagena.	LIFE20 ENV/ES/000387-LIFE PortSounds	LIFE PortSounds	01/09/2021 - 31/12/2025
Reactive barriers for water renaturalization during managed aquifer recharge in the Baix Camp region	LIFE20 ENV/ES/000284-LIFE REMAR	LIFE REMAR	01/12/2021 - 30/11/2025
DEMONSTRATION OF A COST-EFFICIENT SOLUTION TO PREVENT EVAPORATION LOSSES, ENSURE WA- TER QUALITY AND PRODUCE RENEWABLE ENERGY IN AGRICULTURAL WATER RESERVOIRS	LIFE21-ENV-ES-LIFE H2OLOCK	<u>LIFE H2OLOCK</u>	01/09/2022 - 31/10/2025
UNVEILING A RECYCLING-SOURCE OF HEAVY METAL-BASED SOLIDS COMPONENT AND ORGANIC EFFLUENT FOR USE IN THE CERAMIC INDUSTRY	LIFE20 ENV/ES/000115-LIFE REPLAY	LIFE REPLAY	01/10/2021 - 30/09/2025
Market technology based on membranes for the reduction of ammonia in livestock farms	LIFE20 ENV/ES/000858-LIFE Green Ammonia	LIFE Green Ammonia	01/10/2021 - 30/09/2025
Brine and metal wastes valorisation to produce coagulants for wastewater treatment.	LIFE20 ENV/ES/000430-LIFE Waste2Coag	LIFE Waste2Coag	01/10/2021 - 30/09/2025
LIFE-3E - Environment-Energy-Economy	LIFE19 ENV/ES/000143-LIFE-3E	LIFE-3E	01/10/2020 - 30/09/2025
Flexible biorefinery to valorise discards and by-products of the European fish and seafood production	LIFE21-ENV-ES-LIFE REFISH	<u>LIFE REFISH</u>	01/09/2022 - 31/08/2025
Demonstration and evaluation of Sustainable On- site Remediation technologies for PFAS-Contami- natEd groundwater	LIFE20 ENV/ES/000880-LIFE SOuRCE	LIFE SOuRCE	01/09/2021 - 31/08/2025
FOREST BASED SOLUTIONS FOR SURFACE DRINK- ING WATER PROTECTION, BIODIVERSITY, BIOECON- OMY AND CLIMATE RESILIENCE	LIFE20 ENV/ES/000687-LIFE URBASO	LIFE URBASO	01/09/2021 - 31/08/2025
Intensive treatment of waste effluents and con- version into useful sustainable outputs: biogas, nutrients and water	LIFE19 ENV/ES/000283-LIFE INFUSION	LIFE INFUSION	01/09/2020 - 31/08/2025
Positive energy waste water treatment plant for combined treatment of waste water and bio-waste in small populations	LIFE19 ENV/ES/000631-LIFE ZERO WASTE WATER	LIFE ZERO WASTE WATER	01/09/2020 - 31/08/2025
REDUCING NANOPARTICLE EXPOSURES IN INDUS- TRIAL WORKPLACES	LIFE20 ENV/ES/000187-LIFE NANOHEALTH	LIFE NANOHEALTH	01/01/2022 - 30/06/2025
A step further in bioremediation: mycoremediation for soil recovery	LIFE20 ENV/ES/000416-LIFE MySOIL	LIFE MySOIL	01/09/2021 - 30/06/2025
Valorisation of precipitated silica wastewater through circular economy strategy for sodium sulphate and water recovery.	LIFE20 ENV/ES/000522-LIFE ZEROSILIBRINE	LIFE ZEROSILIBRINE	01/09/2021 - 30/06/2025
Non-IMpact BUS: Demonstration of a biological methanation plant for sustainable urban transport	LIFE19 ENV/ES/000191-LIFE NIMBUS	LIFE NIMBUS	01/09/2020 - 30/06/2025
Integrating circular economy and biodiversity in sustainable wastewater treatments based on constructed wetlands	LIFE19 ENV/ES/000197-LIFE RENATURWAT	LIFE RENATURWAT	01/10/2020 - 31/03/2025
UNIQUE AND SUSTAINABLE SYSTEM FOR PRODUC- ING GARMENTS WITHOUT WATER DISCHARGES	LIFE21-ENV-ES-LIFE ANHIDRA	LIFE ANHIDRA	01/09/2022 - 28/02/2025
Innovative cost-effective multibarrier treatments for reusing water for agricultural irrigation	LIFE19 ENV/ES/000278-LIFE PHOENIX	LIFE PHOENIX	01/09/2020 - 28/02/2025
Innovative technology scale-up for the control and automation of codigestion in WWTPs to produce green energy on demand	LIFE19 ENV/ES/000098-LIFE ECOdigestion 2.0	LIFE ECOdigestion 2.0	01/09/2020 - 28/02/2025



ONGOING CIRCULAR ECONOMY & QUALITY OF LIFE PROJECTS COORDINATED BY SPANISH BENEFICIARIES			
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
ENABLING DIGITAL TECHNOLOGIES for a USER-IN- CENTIVISED CIRCULARITY of PACKAGING	LIFE21-ENV-ES-CENTS4PACK	<u>CENTS4PACK</u>	01/08/2022 - 31/01/2025
Boosting the sustainability of the urban water cycle: energy harvest in water industry using mi- cro-hydropower technology	LIFE17 ENV/ES/000252-LIFE NEXUS	LIFE NEXUS	01/10/2018 - 31/12/2024
Valorization towards a circular economy of Al by-products in refractory industry as alternative to CRM Bauxite	LIFE17 ENV/ES/000160-LIFE BAUXAL-II	<u>LIFE BAUXAL-II</u>	01/07/2018 - 31/12/2024

ONGOING CLIMATE CHANGE MITIGATION & ADAPTATION PROJECTS COORDINATED BY SPANISH BENEFICIARIES				
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION	
Towards a climate resilient cross-border mountain com- munity in the Pyrenees	LIFE22-IPC-ES-LIFE PYRE- NEES4CLIMA	LIFE PYRENEES- 4CLIMA	01/10/2023 - 30/04/2031	
Co-creation of strategic action for climate change adapta- tion of territories and local economies	LIFE21-IPC-ES- LIFE eCO- adapt50	LIFE eCOadapt50	01/01/2023 - 31/12/2030	
Soft systems for progressive coastal adaptation to cli- mate change	LIFE22-CCA-ES-LIFE COST- Adapta	LIFE COSTAdapta	01/07/2023 - 30/06/2030	
Carbon sequestration through sustainable forest and grassland management for climate change mitigation and biodiversity conservation in mining areas	LIFE21-CCM-ES-LIFE CAR- BON2MINE	<u>LIFE CARBON-</u> <u>2MINE</u>	01/10/2022 - 30/09/2028	
Slow growing forests management for Climate Change Mitigation	LIFE22-CCM-ES-LIFE CO2RK	LIFE CO2RK	15/09/2023 - 14/09/2028	
Maximising biogas production with cutting-Edge technolo- gies for greater Resource availability and digitaL tools for Increased efficieNcies	LIFE23-CCM-ES-LIFE MERLIN	<u>LIFE MERLIN</u>	01/09/2024 - 31/08/2028	
Locking carbon in harvested wood products, from forests to sustainable wood products	LIFE23-CCM-ES-WOOD- 4LIFE	WOOD4LIFE	01/09/2024 - 31/08/2028	
HARDWOOD FOR THE HOME	LIFE22-CCM-ES-LIFE HFH	LIFE HFH	01/09/2023 - 31/08/2028	
Cultivating Resilience: Climate Change Adaptation Strat- egies for Greenhouses to Enhance Yield and Resource Efficiency	LIFE23-CCA-ES-LIFE ACCLI- MATE	LIFE ACCLIMATE	01/09/2024 - 31/07/2028	
Carbon Removal governance Outline and Periurban agri- culture for Sustainable food system	LIFE22-GIC-ES-CROPS4LIFE	CROPS4LIFE	01/09/2023 - 29/02/2028	
EnhanCed veHicular biomethANe proDuction at small-mE- dium scale using Lignocellulosic agrI-food wastE in Rural areas	LIFE23-CCM-ES-LIFE CHAN- DELIER	LIFE CHANDELIER	01/09/2024 - 31/08/2027	
Towards the conservation and management of resilient agroforestry systems through silvopastoralism	LIFE21-CCA-ES-LIFE SIL- FORE	LIFE SILFORE	01/09/2022 - 31/08/2027	
Participatory and multi-level governance process to de- sign a transformational climate change adaptation project at Cala Millor beach from an integrated and multidisci- plinary science-based approach	LIFE21-GIC-ES-LIFE Adapt- CalaMillor	<u>LIFE AdaptCala-</u> <u>Millor</u>	01/01/2023 - 30/04/2027	
Fostering energy efficiency and GHG-emissions savings through the recuperation of residual gases in the alumini- um recycling industry	LIFE23-CCM-ES-LIFE HY- DROGAS	LIFE HYDROGAS	01/07/2024 - 30/06/2027	
Empowering smart renewable cities through hydropower technology in urban drinking water supply systems	LIFE22-CCM-ES-LIFE TUR- BINES	LIFE TURBINES	01/10/2023 - 31/03/2027	
Climate change mitigation in the wine sector: sustainable practices in vineyard and winery	LIFE22-CCM-ES-CLIMAWIN	<u>CLIMAWIN</u>	01/07/2023 - 31/12/2026	
Agroforestry systems for climate change adaptation of Mediterranean agricultural and forest areas	LIFE20 CCA/ES/001682-LIFE AgroForAdapt	LIFE AgroForAdapt	01/10/2021 - 30/09/2026	
Coastal Flooding Adaptation to Climate Change through flexible strategies in Macaronesia urban areas	LIFE20 CCA/ES/001641-LIFE Garachico	LIFE Garachico	21/09/2021 - 21/09/2026	



ONGOING CLIMATE CHANGE MITIGATION & AD	APTATION PROJECTS COOR	DINATED BY SPANI	SH BENEFICIARIES
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION
LIFE TRIPLET: Digitalisation of efficient fertigation man- agement for a sustainable agriculture.	LIFE22-CCA-ES-LIFE TRIP- LET	LIFE TRIPLET	01/09/2023 - 31/08/2026
Connecting the cereal value chain and creating sustain- able certification for carbon neutral production in Europe.	LIFE21-CCM-ES-LIFE In- nocereal EU	LIFE Innocereal EU	01/07/2022 - 30/06/2026
Validation of an advanced CO2 life cycle model and non-speculative Emissions Trading System in a digital platform for an efficient sustainable forest management	LIFE21-CCM-ES-LIFE TOKEN CO2	LIFE TOKEN CO2	01/10/2022 - 31/03/2026
Renewable bio-hydrogen production technologies from lignocellulosic waste and sewage sludge co-fermentation	LIFE21-CCM-ES-LIFE REPTES	LIFE REPTES	01/08/2022 - 31/01/2026
Towards a Mediterranean Climate Neutral Farm model	LIFE20 CCM/ES/001751- LIFE CLINMED-FARM	<u>LIFE CLINMED-</u> <u>FARM</u>	01/09/2021 - 31/12/2025
Water efficient systemic concept for the climate change adaptation in urban areas	LIFE18 CCA/ES/001122-LIFE WATERCOOL	LIFE WATERCOOL	17/05/2022 - 31/12/2025
Towards an integrated, coherent and inclusive implemen- tation of Climate Change Adaptation policy in a region: Navarre	LIFE16 IPC/ES/000001-LIFE IP NADAPTA-CC	<u>LIFE IP NADAP-</u> <u>TA-CC</u>	02/10/2017 - 31/12/2025
HYBRID SYSTEM FOR RENEWABLE ENERGY PRODUCTION FROM DESALINATION BRINE	LIFE20 CCA/ES/001783-LIFE HYREWARD	LIFE HYREWARD	01/11/2021 - 31/10/2025
Recovery of Granada-Vega poplar groves to boost biodi- versity and long-term carbon capture through structural bioproducts	LIFE20 CCM/ES/001656- LIFE Wood For Future	LIFE Wood For Future	01/09/2021 - 30/09/2025
Towards a circular economy for refrigerants: novel hybrid approach to selectively recycling F-gases.	LIFE20 CCM/ES/001748- LIFE-4-Fgases	LIFE-4-Fgases	01/10/2021 - 30/09/2025
Quercus pyrenaica forest management to obtain cas- cading use of timber products as a tool for mitigation in Castilla-Leon	LIFE20 CCM/ES/001778- LIFE +REB	<u>LIFE +REB</u>	01/09/2021 - 31/08/2025
Nature-based solutions to improve adaptation of forests to climate change	LIFE20 CCA/ES/001624-LIFE RedBosques_Clima	LIFE RedBosques <u>Clima</u>	01/09/2021 - 31/08/2025
Adaptive management of Mediterranean Pinus halepensis forests in the face of climate change	LIFE20 CCA/ES/001809-LIFE ADAPT-ALEPPO	LIFE ADAPT-ALEP- PO	01/09/2021 - 31/08/2025
Modular wireless sentinel of water percolation, water poten- tial, soil texture, salts, pH, and nutrients in depth, to reduce water use and energy and optimise fertilization in crops	LIFE21-CCA-ES-HYDROS- TICK	<u>HYDROSTICK</u>	01/08/2022 - 31/07/2025
ZEROENERGYMOD: Zero energy habitable mobile modules in Europe	LIFE19 CCM/ES/001327- LIFE ZEROENERGYMOD	LIFE ZEROENERGY- MOD	01/06/2020 - 31/05/2025
HEAT IT YOURSELF FOR SUSTAINABILITY: CIRCULARITY IN ENERGY INTENSIVE INDUSTRIES	LIFE20 CCM/ES/001733- LIFE HI4S	LIFE HI4S	01/07/2021 - 31/03/2025
Retrofitting solution for increasing the resilience of urban wastewater infrastructures in heavy precipitation areas	LIFE20 CCA/ES/001706-LIFE RESEAU	LIFE RESEAU	01/09/2021 - 28/02/2025
Sustainable adaptation to climate change of forest sector management in the province of Soria	LIFE19 CCA/ES/001181-LIFE SORIA FORESTADAPT	LIFE SORIA FOR- ESTADAPT	01/10/2020 - 31/01/2025
Green and Nature-Based Solutions for climate change-re- silient waste infrastructures	LIFE20 CCA/ES/001795-LIFE GREEN ADAPT	LIFE GREEN ADAPT	01/07/2021 - 31/12/2024
Reforestation & Climate Change Mitigation: tests, eval- uation and transfer of innovative methods based on fog collection	LIFE19 CCM/ES/001199- LIFE NIEBLAS	LIFE NIEBLAS	01/07/2020 - 31/12/2024
Systemic implementation of the CC action in the Basque Country for increased urban resilience as full territory enabler	LIFE18 IPC/ES/000001- LIFE-IP URBAN KLIMA 2050	<u>LIFE-IP URBAN</u> <u>KLIMA 2050</u>	01/09/2019 - 31/12/2025



	ONGOING CLEAN ENERGY TRANSITION PROJECTS COORDINATED BY SPANISH BENEFICIARIES			
PROJECT TITLE	PROJECT REFERENCE	PROJECT ACRONYM	PROJECT DURATION	
Integrated Home Renovation Services Powered by Energy Community One-Stop-Shops	LIFE23-CET-RENPOWER	<u>RENPOWER</u>	01/09/2024 - 31/10/2027	
Up-scaling the DOMUS Home Renovation Program to Girona province by adopting a Self-Sustaining model with innovative financing and cross-sector collaboration	LIFE23-CET-GiDomus	<u>GiDomus</u>	01/10/2024 - 30/09/2027	
Facilitating Ambitious Energy Renovation of Public Build- ings through Integrated Services in Spain	LIFE23-CET-FACILITA	<u>FACILITA</u>	01/10/2024 - 30/09/2027	
Addressing local energy poverty through the creation of energy renovation offices	LIFE22-CET-LIFE ReHABITA	LIFE ReHABITA	01/09/2023 - 31/08/2027	
Fostering local engagement for Clean Energy Transition in Rural Areas through Energy Communities	LIFE22-CET-EC4RURAL	EC4RURAL	01/09/2023 - 31/08/2027	
ENERgy coopERation for Growth, Innovation, and Zero Emissions in Industrial Parks	LIFE23-CET-ENERGIZE	<u>ENERGIZE</u>	01/07/2024 - 30/06/2027	
Construye 2030+. Towards a training and certification scheme on micro-competences for the green transition of the construction industry.	LIFE23-CET-Con- struye2030plus	<u>Con-</u> struye2030plus	01/10/2024 - 31/03/2027	
Agente Integral de Rehabilitación en España	LIFE23-CET-AIRE	AIRE	01/07/2024 - 31/12/2026	
Agri-food Efficiency with New Energy Audit Measures	LIFE22-CET-AENEAM	AENEAM	01/01/2024 - 31/12/2026	
Equipping buildings with automated, massive and custom- ized Building Renovation Passports as an effective tool to drive deep renovation	- OneClickRENO	<u>OneClickRENO</u>	01/11/2023 - 31/10/2026	
Developing methodologies for the integration of low- grade energy sources into high-temperature district heating networks	LIFE22-CET-Low2HighDH	Low2HighDH	01/10/2023 - 30/09/2026	
Integrated EPB Assessments. A pathway for effective EPBD implementation.	LIFE22-CET-iEPB	<u>iEPB</u>	01/10/2023 - 30/09/2026	
Basque Integrated Renovation model (Opengela): enabling a fair, clean energy Transition through a Unique network of One-Stop-Shops.	LIFE22-CET-BIRTUOSS	<u>BIRTUOSS</u>	01/09/2023 - 31/08/2026	
Joining Actors for LOcal development of New large-scale regional energy communities	LIFE21-CET-ENERCOM- JALON	ENERCOM-JALON	01/11/2022 - 30/04/2026	
Plan4CET: Improving Clean Energy Transition planning at local and regional level	LIFE22-CET-Plan4CET	<u>Plan4CET</u>	01/09/2023 - 28/02/2026	
Boosting Energy Communities massive deployment by equipping local authorities with comprehensive technical assistance cooKboOk, integrated services and capacity buildiNg	LIFE21-CET-ENERCOM-LIFE- BECKON	ENER- COM-LIFE-BECKON	01/11/2022 - 31/10/2025	
Developing a transmissional a transmission of a	LIFE21-CET-ENERCOM-CO-	ENERCOM-CO-	01/11/2022 21/10/2025	
Developing a transnational governance and holistic inte- grated services framework supporting the sustainability or European energy communities	MANAGE	MANAGE	01/11/2022 - 31/10/2025	

OTHER ONGOING PROJECTS COORDINATED BY SPANISH BENEFICIARIES				
PROJECT TITLE PROJECT REFERENCE PROJECT ACRONYM PROJECT DURATIO				
Oceana in Europe SGA 2024	LIFE23-NGO-ES-Oceana in Europe	Oceana in Europe	01/01/2024 - 31/12/2024	

Data extract: 13 September 2024

Source: LIFE on-line public dashboard <u>QlikSense</u> Under 'Focus 2023-2024' section covering all sub-programmes, the EU contribution to both project coordinators and participants include projects started between the 1 January 2023 and 31 October 2024.

Last update: 1 January 2025