

LIFE Programme in Spain



Facts and figures

The LIFE Programme has funded 975 projects in Spain over 646 coordinating beneficiaries with total project costs of €1 762m, of which the EU contributed €879m.

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 (*):

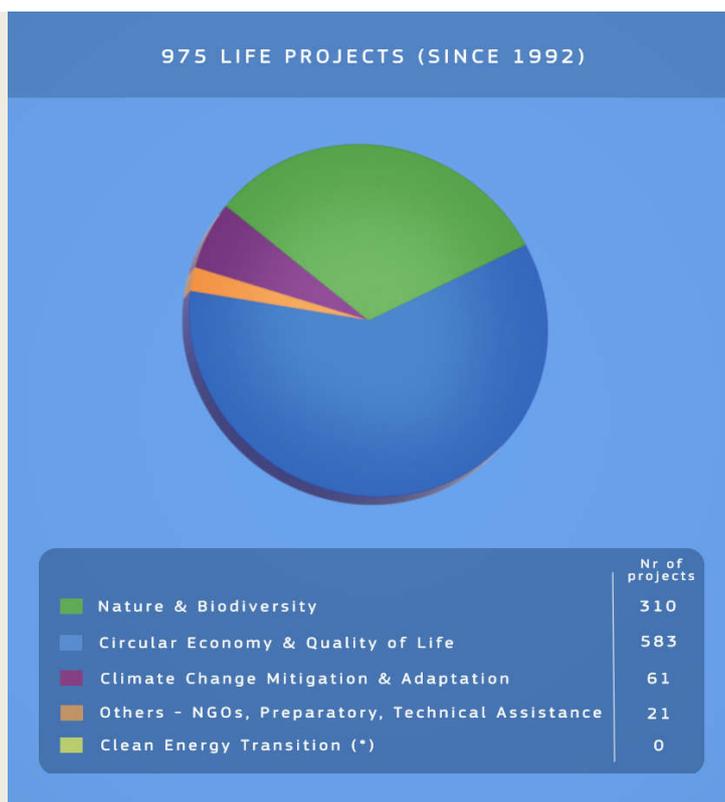
- **Nature and biodiversity**
- **Circular economy and quality of life**
- **Climate change mitigation and adaptation**
- **Clean energy transition** (first call for projects in 2021) (*)

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 SPAIN (€ million)

	TOTAL INVESTMENT	EU CONTRIBUTION
ALL LIFE projects	1762	879
Nature & Biodiversity	598	348.5
Circular Economy & Quality of Life	999.5	447
Climate Change Mitigation & Adaptation	147	78
Others - NGOs, Preparatory, Technical Assistance	17.5	5.5



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 282 projects in Spain. These represent a total investment of €483 million, of which €297.5 million has been contributed by the EU.

Completed projects have supported actions aimed at conserving and restoring habitats (forests, temporary freshwater ponds, rivers and salt flats, coastal dunes, lagoons, bogs, and habitats for avian scavengers in Central Spain) and species of bird (Bonelli’s eagle, Dupont’s lark, endemic pigeon, Mediterranean ribbed limpet and blue chaffinch of Gran Canaria), mammals (Iberian lynx, Iberian desman, European mink, monk seal in Madeira, brown bear population consolidation in Central Pyrenees), invertebrates (freshwater mussel), fish, reptiles, and trees (Iberian elms in the Tagus river). Some projects specifically targeted the eradication of invasive species (e.g. the Californian kingsnake in Gran Canaria, the freshwater turtle in the Valencia region, and the Cubozoa jellyfish in the Mediterranean) and combatting the illegal use of poison baits in the EU. Another concern tackled by several projects was the improvement of the management of the Natura 2000 network in Spain. The biggest project, with a total budget of €15.4 million (of which the EU contributed 50%), studied and identified potential marine Natura 2000 sites in the Spanish seas. One biodiversity project has set-up a methodology for the determination of optimum measures for protecting birds in new high-speed railway line areas, and restoring ecological connectivity between Natura 2000 sites. Regional authorities made up nearly 80% of the coordinating project beneficiaries. Other types of coordinating beneficiaries included NGOs, local and national authorities, research institutes, universities, private companies and development agencies.

There are 31 ongoing projects under this strand. Regarding the conservation/protection or restoration of habitats, the following types among others are tackled: forests and woodlands, rivers, grasslands, salt steppes, coastal dunes, drove roads, aquatic systems in the Picos de Europa National Park, Mediterranean forests, benthic marine ecosystems, semi-arid farming habitats. Two projects aim at controlling of invasive species/habitats: one is fighting pampas grass and the other is fighting invasive plants species in Mediterranean seacliffs. The protection or restoration of the following species are addressed: Montseny brook newt, aquatic warbler, Bonelli’s eagle, Cantabrian brown bear, Dupont’s lark, lesser kestrel, bearded vulture, species of migratory and steppe birds, marbled teal, Iberian lynx. Sustainable farming is another theme addressed by a project. A biodiversity project is aiming to demonstrate a biodiversity-friendly olive-grove model.

Twelve projects were co-funded under the former Information & Communication and Environmental Governance and Information strands. The closed projects achieved following results: awareness-raising for visitors and local authorities on the value of the Albufera National Park and the Natura 2000 network; awareness-raising on forest fire prevention; promotion of responsible food consumption that fosters biodiversity in the Natura 2000 network and other protected areas in Spain; encouragement and application of land stewardship among biodiversity conservation stakeholders at European level (especially in the Western Mediterranean Arch); improvement of the awareness of the Natura 2000 network in Spain as well as a better appreciation of its maintenance; awareness-raising on the key role of big trees and mature forests in biodiversity conservation; knowledge and training for the effective management of Mediterranean forest habitats of Natura 2000; and awareness of the Natura 2000 network and of the brown bear population among the inhabitants of areas that are home to the two smallest and most endangered subpopulations of bears in Spain; and improvement of the coexistence of the Iberian wolf population with key economic activities in Andalusia. Two projects are ongoing: LIFE INVASAQUA seeks to reduce the introduction and spread of invasive alien species in the Iberian Peninsula by increasing public and stakeholder awareness, and developing key tools to improve an early warning and rapid response (EWRR) framework for new IAS in freshwater and estuarine habitats. LIFE Iberconejo aims to set up a governance structure to coordinate the monitoring and management of the European rabbit in the Iberian Peninsula.

One Strategic Nature Project has been co-funded in Spain and is ongoing. The LIFE-IP INTEMARES project’s objectives are summarised below.



Promoting integrated and innovative management of Spanish marine Natura 2000 sites (LIFE-IP INTEMARES) LIFE15 IPE/ES/000012

The LIFE-IP INTEMARES project aims to implement the Prioritised Action Framework for marine Natura 2000 sites in Spain, with an emphasis on ensuring integrated and effective management across the network.

The project will also ensure that decision-making processes are based on scientific research and engage all relevant stakeholders. The team will provide training for site managers and facilitate the exchange of information, while promoting innovative practices, sustainable tourism and employment.

[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 80 projects in Finland thus far, representing a total investment of €152 million, of which €65

Completed projects mainly targeted: **agriculture** (e.g. environmental problems linked to viticulture and olive production; EMAS in the farming sector; innovative methods to reduce soil and groundwater pollution caused by fertilisers; awareness raising and training in organic agricultural production; and emission reduction from livestock wastes) and **fisheries** (e.g. optimal and sustainable exploitation of marine resources; and management of fishing waste in coastal areas); the **reduction of greenhouse gas emissions; energy saving and efficiency** (e.g. eco-architecture, 'intelligent' buildings); **clean technologies** (in the textile, printing and mineral/aggregates extraction and manufacturing sectors); **industrial waste** (metal recovery, textile waste); **wastewater treatment; waste recycling** (cooking oil recycled as biofuel, plastic recycling for packaging); **renewable energies; pollution control; the food and beverage industry; human health protection; and transport planning in urban areas**. The most prominent type of coordinating beneficiaries in Spain were regional authorities, followed by local authorities, SMEs and research institutions.

There are 73 ongoing projects. The majority of issues tackled are: **water** (quality improvement, scarcity/resources protection/saving, and wastewater treatment); **waste** (packing and plastic waste, industrial waste, waste reduction/use/recycling, municipal waste, landfilling, agricultural waste, hazardous waste, WEEE, circular economy); **soil protection; human health protection; energy** (renewable energies, energy saving); **industrial risks and decontamination; greenhouse gases reduction; river basin and coastal management; mining; noise pollution and building**.

Four projects were co-funded under the former Information & Communication and Environmental Governance and Information strands. Two of them are closed. CHANGING THE CHANGE provided information to the Galician agro-forestry sector and the general public on the problems of climate change and to promote their involvement in activities that sustain adaptation and mitigation processes. The COR project showed citizens that their involvement was essential if the waste they generate is to be reduced and efficiently recycled. The two ongoing projects have following objectives: improve environmental conservation by increasing the efficiency and effectiveness of actions against environmental crimes in Spain, Portugal and other EU countries (Life+ Nature Guardians); and mainstream the Level(s) key indicators on LCA (life-cycle assessment), LCC (life-cycle costing) and IAQ (indoor air quality) (LIFEforLLL(s)

One Strategic Integrated Project has been co-funded in Spain under this strand. The RBMP-DUERO project's objectives are summarised below.



Improving water quality in three tributaries of the Duero River (RBMP-DUERO) LIFE16 IPE/ES/000019

The LIFE-IP RBMP-DUERO aims to implement the Duero River Basin Management Plan in compliance with a range of EU directives on the environment. It will specifically target three sub-basins of the tributaries Trabancos, Zapardiel and Arealillo whose water condition is poor, addressing issues such as pollution and wastewater discharges, overexploitation of groundwater, biodiversity loss and the elevated risk of floods or droughts due to climate change.

[Project summary](#)



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 61 projects in Spain. The total investment for these projects amounts to € million, of which the EU is contributing € million.

Closed projects have tackled the following issues: greenhouse gas reduction in EU and non EU ETS sectors (for instance, recovery of citrus waste and rice straw for conversion into feed for ruminants, which considerably reduced GHG emissions, with the LowCarbon Feed project), renewable energies (for instance, use of alternative and renewable energy sources (solid biomass) in asphalt plants, with the LIFE BATTLE-CO2 project), natural resources and ecosystems (for instance, help plants survive and establish deep root systems in desertified areas, with the LIFE THE GREEN LINK project), resilient communities (for instance, target the resilience of cities to climate change and promoting the use of green infrastructure in their urban planning as a means of managing surface water flooding, with LIFE CERSUDS project), and carbon sequestration (for instance, capture CO2 generated by the steel production process and transform it into hydrocarbons, with the LIFE CO2 TO FUEL project).

There are 39 ongoing projects, which address the same climate change related themes, but adding sectoral adaptation (for instance, demonstration of innovative technologies for livestock rearing that are adapted to the effects of climate change, with the LIFE LiveAdapt project), natural risks (for instance, implement and assess the effectiveness of an Integrated Early Warning System (IEWS) to adapt urban areas to the multiple hazards and risks derived from climate change, with the LIFE BAETULA project), and energy efficiency (for instance, develop and validate an innovative cost-effective combined heat and electricity production plant from the waste heat contained in the off-gas of an electric arc furnace within the steel making industry, with the LIFE HI4S project).

Two Strategic Integrated Projects have been co-funded in Spain under this strand. The main objective of LIFE-IP NAdapt-CC is to increase resilience to climate change in the Spanish region of Navarre. This will be achieved through the principles of participation (involving all key stakeholders), cross-sectoriality (breaking down divisions between sectors), long-term sustainability (enhancing regional capacities), subsidiarity (decision-making close to citizens) and networking (ensuring successful replication of results). The LIFE-IP URBAN KLIMA 2050 project's objectives are summarised below.



Improving the Basque Country's resilience to climate change (LIFE-IP URBAN KLIMA 2050) LIFE18 IPC/ES/000001

Along with other areas of south and southeast Europe, the Basque Country is expected to be critically affected by climate change. Its KLIMA 2050 strategy is aimed at radically improving the region's climate change resilience. The LIFE URBAN KLIMA 2050 project will help to implement this strategy, promoting its integration into land and urban planning as well as other policy areas, such as health, water and energy.

Valuable information will be gained from pilot actions in urban areas, river basins and coastal regions on ways of increasing resilience. The project will also increase community engagement, ensuring that 70% of the local population are willing to change their habitats to support climate action.

[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](#)

- Contact the LIFE National Contact Point in your Member State:

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Ongoing LIFE Nature & Biodiversity projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
Conservation and management of Basque mountain grasslands	LIFE15 NAT/ES/000805	LIFE OREKA Mendian	http://www.hazi.eus/es/noticias-hazi/7464-life-oreka-mendian-nace-para-impulsar-una-gestion-sostenible-de-los-pastos.html	09/2016 -> 12/2022
Accomplish Western Mediterranean Bonelli's Eagle recovery by working together for an electricity grid suitable for birds	LIFE16 NAT/ES/000235	AQUILA a-LIFE	http://aquila-a-life.org	10/2017 -> 09/2022
Managing land in common, a sustainable model for conservation and rural development in Special Areas of Conservation	LIFE16 NAT/ES/000707	LIFE IN COMMON LAND	http://www.lifeincommonland.eu	09/2017 -> 12/2022
Restoration, conservation and governance of the Alnus alluvial forests in the Mediterranean Region	LIFE16 NAT/ES/000768	LIFE ALNUS	http://lifealnus.eu	07/2017 -> 12/2022
Improvement and sustainable management of river corridors of the Iberian Atlantic Region	LIFE16 NAT/ES/000771	LIFE FLUVIAL	http://www.lifefluvial.eu	09/2017 -> 12/2022
Conservación de los hábitats y aves acuáticas en el LIC y ZEPA ES0000175 "Salinas y Arenales de San Pedro del Pinatar"	LIFE17 NAT/ES/000184	LIFE SALINAS	https://lifesalinas.es/	09/2018 -> 09/2022
Urgent measures for controlling the spread of Pampa Grass (Cortaderia selloana) in Atlantic area	LIFE17 NAT/ES/000495	LIFE STOP Cortaderia	http://stopcortaderia.org/	10/2018-> 09/2022
Innovative Forest Management Strategies to Enhance Biodiversity in Mediterranean Forests. Incentives & Management Tools	LIFE17 NAT/ES/000568	LIFE BIORGEST	http://www.lifebiorgest.eu	10/2018 -> 09/2023
Improving Aquatic Diversity in Picos de Europa	LIFE18 NAT/ES/000121	LIFE DIVAQUA	https://lifedivaqua.com/	07/2019 -> 07/2023
Conservation and restoration of drove roads to enhance biodiversity and connectivity of Natura 2000 sites in Spain	LIFE18 NAT/ES/000930	LIFE CANADAS	https://www.lifecanadas.es/	10/2019 -> 06/2024
LIFE Coordinated actions for the recovery of the marbled teal (Marmaronetta angustirostris) in Spain	LIFE19 NAT/ES/000906	LIFE Cerceta pardilla	https://www.cerceta-pardilla.es/	01/2021 -> 12/2025
Improving key food resource(s) and preventing winter conflicts for Cantabrian brown bears under climate change scenarios	LIFE19 NAT/ES/000913	LIFE BEARS WITH FUTURE	https://fundacionosopardo.org/proyecto-life-osos-con-futuro/	10/2020 -> 03/2025

Creating a genetically and demographically functional Iberian Lynx (<i>Lynx pardinus</i>) metapopulation	LIFE19 NAT/ES/001055	LIFE LYNXCONNECT	https://lifelynxconnect.eu/	09/2020 → 09/2025
CONSERVATION AND RESTORATION OF MEDITERRANEAN ALDER FORESTS PRIORITY HABITAT IN WESTERN INTERNATIONAL TAJO RIVER BASIN	LIFE20 NAT/ES/000021	LIFE ALNUS TAEJO	https://lifealnustaejo.eu/	09/2021 → 08/2025
RESTORATION AND EXPANSION OF "EL HITO", A PRIORIT	LIFE20 NAT/ES/000035	LIFE EL HITO	https://lagunadelhito.es/	10/2021 → 12/2024
Structural and assisted connectivity improvement of Dupont's lark (<i>Chersophilus duponti</i>) Iberian metapopulation	LIFE20 NAT/ES/000133	LIFE CONNECT RICOTI	https://lifeconnectricoti.com	09/2021 → 12/2026
Long Distance Non Motorized routes such as Green Infrastructures	LIFE20 NAT/ES/000309	Steps for LIFE	N/A	01/2022 → 12/2026
Restoration of aquatic ecosystems of protected areas from the Alps and Pyrenees	LIFE20 NAT/ES/000369	LIFE RESQUE ALPYR	N/A	01/2022 → 12/2026
Revitalizing semi-arid extensive farming habitats through the sustainable management of their associated scrubs areas	LIFE20 NAT/ES/000978	LIFE ScrubsNet	https://lifescrubsnet.eu/	12/2021 → 08/2026
Integrated strategy for sustainable management of insular habitats in Natura 2000 islands of the Atlantic Ocean	LIFE20 NAT/ES/001007	LIFE INSULAR	N/A	09/2021 → 12/2026
Conservation and restoration of relict <i>Taxus baccata</i> woods	LIFE20 NAT/ES/001128	LIFE Teixeres	https://agroambient.gva.es/va/web/cief/life-teixeres	09/2021 → 12/2026
Conservation strategy for steppe birds in Bardenas Reales (Navarra, Spain)	LIFE20 NAT/ES/001172	LIFE FARMINGBARDENAS	https://bardenasreales.es/noticia/arranca-el-proyecto-life-farmingbardenas/	10/2021 → 09/2025
Towards an integrative management of Invasive Alien Plant Species in Mediterranean sea cliffs of European interest	LIFE20 NAT/ES/001223	LIFE medCLIFFS	https://lifemedcliffs.org	10/2021 → 09/2026
Protection and restoration of <i>Pinna nobilis</i> populations as a response to the catastrophic pandemic started in 2016	LIFE20 NAT/ES/001265	LIFE PINNARCA	https://www.lifepinnarca.com/	10/2021 → 12/2024
Ecological restoration of human-impacted benthic marine ecosystems through active strategies and participatory approach	LIFE20 NAT/ES/001270	LIFE Ecorest	https://www.life-ecorest.es/	09/2021 → 08/2026
Iberian Corridors Pro Bearded Vulture	LIFE20 NAT/ES/001363	LIFE Pro BV	N/A	01/2022 → 01/2027
Sustainable agrarian approaches for agro-steppe species and habitats conservation in Nature 2000	LIFE20 NAT/ES/001477	LIFE Iberian Agrosteppes	N/A	09/2021 → 08/2026

LIFE Olivares Vivos + Increasing the impact of Olivares Vivos in the EU	LIFE20 NAT/ES/001487	LIFE Olivares Vivos +	https://olivaresvivos.com	09/2021 -> 09/2026
Aquatic Invasive Alien Species of Freshwater and Estuarine Systems: Awareness and Prevention in the Iberian Peninsula	LIFE17 GIE/ES/000515	LIFE INVASAQUA	http://www.lifeinvasaqua.com/	11/2018 -> 10/2023
Integrated, Innovative and Participatory Management for N2000 network in the Marine Environment	LIFE15 IPE/ES/000012	LIFE-IP INTEMARES	https://fundacion-biodiversidad.es/es/biodiversidad-marina-y-litoral/proyectos-propios/life-ip-paf-intemares	01/2017 -> 12/2024

Ongoing LIFE Circular Economy and Quality of Life projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
Valorization towards a circular economy of Al by-products in refractory industry as alternative to CRM Bauxite	LIFE17 ENV/ES/000160	LIFE BAUXAL-II	https://www.bauxal2.com/	07/2018-> 12/2024
Valorization of bio-waste resulting from the olive oil extraction process	LIFE17 ENV/ES/000189	LIFE OLEA REGENERA	https://lifeolearegenera.com/	09/2018-> 12/2022
SUSTAINABLE AND GREEN AGRI-WASTE BASED BIOPESTICIDES	LIFE17 ENV/ES/000192	LIFE WASTE4GREEN	http://www.waste4green.eu	07/2018-> 12/2022
Promote the effective implementation of the Product Environmental Footprint in the Mediterranean aquaculture sector	LIFE17 ENV/ES/000193	LIFE AQUAPEF	https://lifeaquapef.eu/	07/2018-> 12/2022
Agrochemical remediation of farm soils by combining solarization and ozonation techniques	LIFE17 ENV/ES/000203	LIFE AgRemSO3il	http://agremso3il.eu/	07/2018-> 06/2022
PEsticide Reduction using Friendly and Environmentally Controlled Technologies	LIFE17 ENV/ES/000205	PERFECT LIFE	http://perfectlifeproject.eu/	09/2018-> 08/2023
BIOLEACHING OF WEEE WASTES FOR THE RECOVERY OF VALUABLE METALS	LIFE17 ENV/ES/000216	LIFE BIOTAWEE	https://www.biotawee.com/es/	07/2018-> 07/2022
POST-CONSUMPTION FILM PLASTIC RECYCLING FROM MUNICIPAL SOLID WASTE	LIFE17 ENV/ES/000229	LIFE4FILM	https://life4film.com/en/4film-en/	07/2018-> 06/2023
Achieve Good Environmental Status for Coastal Infrastructures Construction	LIFE17 ENV/ES/000233	LIFE-AGESCIC	https://www.life-agescic.eu/	09/2018-> 09/2023
Boosting the sustainability of the urban water cycle: energy harvest in water industry using micro-hydropower technology	LIFE17 ENV/ES/000252	LIFE NEXUS	https://www.lifenexus.eu	10/2018-> 12/2023
SURFactant enhanced chemical oxidation for remediATING DNAPL	LIFE17 ENV/ES/000260	LIFE SURFING	http://www.lifesurfing.eu	01/2018-> 06/2022
New water solutions for the mining industry: towards	LIFE17 ENV/ES/000315	LIFE REMINE-WATER	https://www.liferenatural.com/	10/2018-> 10/2022

minimum liquid discharge and by-product recovery				
Recycled and Natural Materials and Products to develop nearly zero energy buildings with low carbon footprint	LIFE17 ENV/ES/000329	LIFE ReNaturalNZEB	http://cicytex.juntaex.es/es/proyectos/742/life-renaturalnzeb-recycled-and-natural-materials-and-products-to-develop-nearly-zero-energy-buildings-with-low-carbon-footprint	09/2018--> 03/2023
High performance multiphase anaerobic reactor for agroindustrial wastewater treatment	LIFE17 ENV/ES/000331	LIFE Multi-AD 4 AgroSMEs	https://innovarum.es/en/proyecto/life-multiad-en/	09/2018--> 06/2023
Innovative Secondary Wastewater Treatment with REsource Recovery	LIFE17 ENV/ES/000341	LIFE GREEN SEWER	https://lifegreensewer.com/	09/2018--> 09/2023
Advanced urban water management to efficiently ensure bathing water quality	LIFE17 ENV/ES/000396	LIFE iBATHWATER	https://www.ibathwater.eu/	09/2018--> 09/2022
Improvement and disclosure of efficient techniques for manure management towards a circular and sustainable agriculture	LIFE17 ENV/ES/000439	LIFE AGRICLOSE	http://www.agriclose.eu	07/2018--> 07/2022
PLASTIC MIX RECOVERY AND PP & PS RECYCLING FROM MUNICIPAL SOLID WASTE	LIFE18 ENV/ES/000045	LIFEPLASMIX	http://lifepiasmix.com/	07/2019--> 12/2022
Upgrading wastewater treatment plants by Low cost Innovative technologies for energy SELF-Sufficiency and full recycling	LIFE18 ENV/ES/000165	LIFE ULISES	http://www.life-ulises.eu	07/2019--> 06/2022
INNOVATIVE COMBINATION OF WWT TECHNOLOGIES FOR WATER REUSE: ANAEROBIC-AEROBIC, MICROALGAE AND AOP PROCESSES	LIFE18 ENV/ES/000170	LIFE AMIA	https://lifeamia.eu	09/2019--> 12/2022
Fluvial freshwater habitat recovery through geomorphic-based mine ecological restoration in Iberian Peninsula	LIFE18 ENV/ES/000181	LIFE RIBERMINE	http://liferibermine.com	07/2019--> 03/2024
Green solutions for treating groundwater pollution to meet drinking water directive standards	LIFE18 ENV/ES/000199	LIFE SPOT	http://lifespotproject.eu	07/2019--> 06/2023
Innovative hybrid INTensive EXTensive resource recovery from wastewater in small communities	LIFE18 ENV/ES/000233	LIFE INTEXT	https://life-intext.eu/	07/2019--> 06/2023
INTEGRAL MANAGEMENT OF THE BIOGAS FROM LANDFILLS FOR USE AS VEHICLE FUEL	LIFE18 ENV/ES/000256	LIFE LANDFILL BIOFUEL	https://www.landfillbiofuel.eu	07/2019--> 06/2023
New generation of bioCOMPosites based on OLIVE fibers for industrial applications	LIFE18 ENV/ES/000309	LIFE COMPOLIVE	https://www.lifecompolive.eu	07/2019--> 10/2022
In situ nano-enhanced bioremediation for nitrate impaired aquifers due to agricultural activity	LIFE18 ENV/ES/000335	LIFE NIRVANA	https://www.life-nirvana.eu	10/2019 --> 09/2022

LIFE Farm, Fresh Fruit	LIFE18 ENV/ES/000349	LIFE – F3	https://www.fedepulverizadores.com/life-f3/	09/2019→ 12/2022
SUSTAINABLE BIOGAS PURIFICATION SYSTEM IN LANDFILLS AND MUNICIPAL SOLID WASTES TREATMENT PLANTS	LIFE18 ENV/ES/000426	LIFE BIOGEASNET	https://biogasnet.eu/	09/2019→ 03/2023
microALGae with Aromatic plants as Biostimulants with Biocide Effect	LIFE18 ENV/ES/000518	LIFE ALGAR-BBE	http://www.algarbbelife.eu/	07/2019→ 06/2023
New eco-innovative drinking water treatment based on 1-step chemical technology using a multifunctional natural polymer	LIFE19 ENV/ES/000049	LIFE SAFE T WATER	https://safetwater.eu/	09/2020→ 08/2024
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	https://www.lifecodigestion.com/	09/2020→ 02/2024
Demonstration of a new business and consumption model for the circular economy in the footwear sector	LIFE19 ENV/ES/000118	LIFE KANNAGreen	https://lifekannagreen.eu/	10/2020→ 09/2024
Eggshell: a potential raw material for CERamic wall tiles	LIFE19 ENV/ES/000121	LIFE EggshellenCE	https://www.lifeeggshellence.eu	10/2020→ 03/2024
LIFE-3E - Environment-Energy-Economy	LIFE19 ENV/ES/000143	LIFE-3E	https://www.facebook.com/Life-3E-108371407792900	10/2020→ 09/2024
New strategies for the coffee by-products recovery as a new raw material for animal feed	LIFE19 ENV/ES/000186	Life ECOFFEED	https://ecoffeed.azti.es/	09/2020→ 03/2024
Non-IMPact BUS: Demonstration of a biological methanation plant for sustainable urban transport	LIFE19 ENV/ES/000191	LIFE NIMBUS	https://www.life-nimbus.eu/	09/2020→ 11/2023
Integrating circular economy and biodiversity in sustainable wastewater treatments based on constructed wetlands	LIFE19 ENV/ES/000197	LIFE RENATURWAT	http://www.liferenaturwat.com/	10/2020→ 03/2024
DIVIDE & CONQUER: Closing the loop of water, nutrient and resource management for irrigation activities	LIFE19 ENV/ES/000226	LIFE CONQUER	https://www.life-conquer.eu/	11/2020→ 01/2024
Innovative cost-effective multibarrier treatments for reusing water for agricultural irrigation	LIFE19 ENV/ES/000278	LIFE PHOENIX	https://life-phoenix.eu/	09/2020→ 02/2024
Intensive treatment of waste effluents and conversion into useful sustainable outputs: biogas, nutrients and water	LIFE19 ENV/ES/000283	LIFE INFUSION	https://lifeinfusion.eu	09/2020→ 08/2024
Towards to zero plastic soil management agricultural practices (LIFE19 ENV/ES/000404	LIFE AGROPAPER	http://www.lifeagropaper.eu	09/2020→ 12/2023

BRACKISH-GROUNDWATER DESALINATION AND DENITRIFICATION FOR SUSTAINABLE IRRIGATION: NET ZERO WASTE AND ENERGY	LIFE19 ENV/ES/000447	LIFE-DESIROWS	https://www.lifedesirows.eu	09/2020-> 12/2023
Implementing a Mediterranean biorefinery to boost forest management through the production of added value products.	LIFE19 ENV/ES/000544	LIFE BIOEFFORMED	https://lifebiorefformed.eu/	10/2020-> 09/2024
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	https://lifezerowastewater.com/	09/2020-> 08/2024
Enhanced techniques for optimising water & nutrient use in strawberry production close to the Donana National Park	LIFE19 ENV/ES/000701	LIFE 4DONANA	https://www.life4donana.eu/	09/2020-> 04/2024
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	http://lifereplay.eu	10/2021-> 03/2025
REDUCING NANOPARTICLE EXPOSURES IN INDUSTRIAL WORKPLACES	LIFE20 ENV/ES/000187	LIFE NANOHEALTH	N/A	01/2022-> 12/2024
Reactive barriers for water renaturalization during managed aquifer recharge in the Baix Camp region	LIFE20 ENV/ES/000284	LIFE REMAR	N/A	12/2021-> 01/2025
EBRO RESILIENCE STRATEGY: FLOOD RISK MANAGEMENT THROUGH GREEN INFRASTRUCTURES AND ADAPTATION MEASURES	LIFE20 ENV/ES/000327	LIFE EBRO RESILIENCE P1	https://www.ebrosilience.com/tag/life-ebro-resilience-p1/	09/2021-> 08/2027
Reducing the impact of underwater noise on the marine environment of the Port of Cartagena	LIFE20 ENV/ES/000387	LIFE PortSounds	N/A	09/2021-> 12/2025
A step further in bioremediation: mycoremediation for soil recovery	LIFE20 ENV/ES/000416	LIFE MySOIL	http://www.lifemysoil.eu	09/2021-> 08/2024
Brine and metal wastes valorisation to produce coagulants for wastewater treatment	LIFE20 ENV/ES/000430	LIFE Waste2Coag	https://lifewaste2coag.com/	10/2021-> 07/2024
Valorisation of precipitated silica wastewater through circular economy strategy for sodium sulphate and water recovery	LIFE20 ENV/ES/000522	LIFE ZEROSILBRINE	http://www.lifezerosilbrine.eu	09/2021-> 12/2024
FOREST BASED SOLUTIONS FOR SURFACE DRINKING WATER PROTECTION, BIODIVERSITY, BIOECONOMY AND CLIMATE RESILIENCE	LIFE20 ENV/ES/000687	LIFE URBASO	http://www.lifeurbaso.com/	09/2021-> 08/2025
Safe water reuse in Managed Aquifer Recharge: innovative solution combining physical,	LIFE20 ENV/ES/000788	LIFE MATRIX	N/A	10/2021-> 09/2024

digital and governance aspects				
Disruptive vertical farming system of horticultural crops inside a dismountable tank under 100% controlled conditions	LIFE20 ENV/ES/000810	LIFE FARMITANK	https://life-farmitank.eu/	09/2021-> 11/2023
Market technology based on membranes for the reduction of ammonia in livestock farms	LIFE20 ENV/ES/000858	LIFE Green Ammonia	N/A	10/2021-> 09/2025
Demonstration and evaluation of Sustainable On-site Remediation technologies for PFAS-Contaminated groundwater	LIFE20 ENV/ES/000880	LIFE SOURCE	N/A	09/2021-> 08/2025
Minimize the incidence of environmental crimes	LIFE17 GIE/ES/000630	Life+ Nature Guardians	https://guardianes.seo.org/	07/2018-> 06/2022
Life for Lca Lcc Level(s)	LIFE18 GIE/ES/000911	LifeforLLL(s)	https://lifelevels.eu/	10/2019-> 09/2022
Implementation of the river Duero basin management plan in the Central-South part of the river Duero basin	LIFE16 IPE/ES/000019	RBMP-DUERO	https://www.lifeduero.eu/	01/2018-> 12/2026

Ongoing LIFE Climate Change Mitigation and Adaptation projects				
Project Title	Project Number	Project acronym and link to the online summary	Website	Project duration
LIFE Project Lugo more Bio-dynamic. Planning of a multiecological neighbourhood as a model of urban resilience	LIFE14 CCA/ES/000489	LIFE LUGO + BIODINÁMICO	http://www.lugobiodinamico.eu	01/2016 -> 12/2022
Innovative management strategies for climate change adaptation of mixed subhumid Mediterranean forests	LIFE15 CCA/ES/000060	LIFE MixForChange	http://www.mixforchange.eu	11/2018 -> 10/2024
Climate Change adaptation of dryland agricultural systems in the Mediterranean area	LIFE16 CCA/ES/000123	LIFE AMDRYC4	http://lifeamdryc4.eu/	09/2017 -> 12/2022
Prevention of X. fastidiosa in intensive olive & almond plantations applying productive green farming practices	LIFE17 CCA/ES/000030	LIFE RESILIENCE	http://www.liferesilience.eu	07/2018 -> 06/2022
Adaptation to Climate Change of Extensive Livestock Production Models in Europe	LIFE17 CCA/ES/000035	LIFE LiveAdapt	https://liveadapt.eu	09/2018 -> 09/2022
Coupling water, fire and climate resilience with biomass production in Forestry to adapt watersheds to climate change	LIFE17 CCA/ES/000063	LIFE RESILIENT FORESTS	http://www.resilientforest.eu/	10/2018 -> 12/2023
Application of Nature-Based Solutions for local adaptation of educational and social buildings to Climate Change	LIFE17 CCA/ES/000088	LIFE-myBUILDINGisGREEN	https://www.cartif.com/en/component/k2/item/1345-my-building-is-green.html	09/2018 -> 08/2022

Mid-mountain adaptation to climate change	LIFE18 CCA/ES/001099	LIFE MIDMACC	http://life-midmacc.eu/	07/2019 → 06/2024
Development of sustainable control strategies for citric under threat of climate change & preventing entry of HLB in EU	LIFE18 CCA/ES/001109	LIFE Vida for Citrus	http://lifevidaforcitrus.eu	07/2019 → 06/2023
Innovative use of mycological resources for resilient & productive Mediterranean forests threatened by climate change (LIFE18 CCA/ES/001110	LIFE MycoRestore	http://mycorestore.eu	07/2019 → 06/2023
Water efficient systemic concept for the climate change adaptation in urban areas	LIFE18 CCA/ES/001122	LIFE WATERCOO	http://www.lifewatercool.com L	09/2019 → 08/2023
Adaptation to climate change through management and restoration of European estuarine ecosystems	LIFE18 CCA/ES/001160	LIFE ADAPTA BLUES	https://lifeadaptablues.eu/	07/2019 → 07/2024
BAdalona integrated Early warning sysTem for mULti-hazard and risk management to ensure urban climate change adaptation	LIFE19 CCA/ES/001180	LIFE BAETULO	https://life-baetulo.eu/	07/2020 → 12/2022
Sustainable adaptation to climate change of forest sector management in the province of Soria	LIFE19 CCA/ES/001181	LIFE SORIA FORESTADAPT	https://www.soriaforestadapt.es/	10/2020 → 01/2024
CLIMATE CHANGE ADAPTATION IN THE HERITAGE CITY OF SALAMANCA (ES): ECOSYSTEM SERVICES, GREEN INFRASTRUCTURE AND BIG DATA	LIFE19 CCA/ES/001188	LIFE VIA DE LA PLATA	https://www.saviasalamanca.com/life-de-la-plata	09/2020 → 12/2023
Financing Cities Adaptation to Climate Change through Public-Private Partnerships and Corporate Social Responsibility	LIFE19 CCA/ES/001209	LIFE CITYAdaP3	https://www.lifecityadap3.eu	09/2020 → 09/2024
Nature-based solutions to improve adaptation of forests to climate change	LIFE20 CCA/ES/001624	LIFE RedBosques_Clima	https://redbosquesclima.eu/	09/2021 → 08/2025
Coastal Flooding Adaptation to Climate Change through flexible strategies in Macaronesia urban areas	LIFE20 CCA/ES/001641	LIFE Garachico	https://lifegarachico.eu/	09/2021 → 09/2026
Agroforestry systems for climate change adaptation of Mediterranean agricultural and forest areas	LIFE20 CCA/ES/001682	LIFE AgroForAdapt	https://agroforadapt.eu/	10/2021 → 09/2026
Retrofitting solution for increasing the resilience of urban wastewater infrastructures in heavy precipitation areas	LIFE20 CCA/ES/001706	LIFE RESEAU	https://life-reseau.eu/	09/2021 → 02/2025
HYBRID SYSTEM FOR RENEWABLE ENERGY	LIFE20 CCA/ES/001782	LIFE HYREWARD	N/A	11/2021 → 04/2025

PRODUCTION FROM DESALINATION BRINE				
Green and Nature-Based Solutions for climate change-resilient waste infrastructures	LIFE20 CCA/ES/001795	LIFE GREEN ADAPT	https://lifegreenadapt.com/	07/2021 → 12/2024
Adaptive management of Mediterranean Pinus halepensis forests in the face of climate change	LIFE20 CCA/ES/001809	LIFE ADAPT-ALEPPO	http://adaptaleppe.eu/	09/2021 → 08/2025
Forest management promotion for climate change mitigation through the design of a local market of climatic credits	LIFE16 CCM/ES/000065	LIFE CLIMARK	https://lifeclimark.eu	10/2017 → 09/2022
Development of high value-added bioproducts from forest waste through microwave technology	LIFE17 CCM/ES/000051	LIGNOBIOLIFE	http://lignobiolife.com/	09/2018 → 03/2023
Ecological cellular structural systems for a Building model for Climate Change Mitigation and Forest value enhancement	LIFE17 CCM/ES/000074	LIFE EcoTimberCell	https://www.life-ecotimbercell.eu/	09/2018 → 06/2022
Development of climate change mitigation strategies through carbon-smart agriculture	LIFE17 CCM/ES/000140	LIFE AGROMITIGA	https://lifeagromitiga.eu/	09/2018 → 02/2024
Towards hypocarbonic economy. Development of non-fired building materials based on wastes	LIFE18 CCM/ES/001114	LIFE HYPOBRICK	http://lifehypobrick.eu/	10/2019 → 06/2022
CO2 emissions reduction by industrial integration and value chains creation	LIFE18 CCM/ES/001094	LIFE-CO2-INT-BIO	http://www.lifeco2intbio.eu/	06/2019 → 06/2023
Production of advanced biodiesel from animal wastes using supercritical technologies	LIFE19 CCM/ES/001189	LIFE Superbiodiesel	https://www.lifesuperbiodiesel.eu/	06/2020 → 05/2023
Reforestation & Climate Change Mitigation: tests, evaluation and transfer of innovative methods based on fog collection	LIFE19 CCM/ES/001199	LIFE NIEBLAS	https://lifenieblas.com	07/2020 → 10/2024
Processing of livestock waste, for the production of biomethane for use in agricultural vehicles and biofertilizers	LIFE19 CCM/ES/001206	LIFE SMART AgroMobility	lifsmartagromobility.eu	10/2020 → 09/2023
Mediterranean Wetlands Management and Restoration as Carbon Sinks	LIFE19 CCM/ES/001235	LIFE WETLANDS4CLIMATE	https://fundacionglobalnaturale.org/wetlands4climate	10/2020 → 06/2024
ZEROENERGYMOD: Zero energy habitable mobile modules in Europe	LIFE19 CCM/ES/001327	LIFE ZEROENERGYMOD	http://lifezeroenergymod.eu	06/2020 → 05/2024
Recovery of Granada-Vega poplar groves to boost biodiversity and long-term carbon capture through structural bioproducts	LIFE20 CCM/ES/001656	LIFE Wood For Future	https://life-woodforfuture.eu	09/2021 → 09/2025

MW-scale green hydrogen production plant to decarbonize the treatment of meat residuals in Spain	LIFE20 CCM/ES/001694	LIFE CABEZO GREENH2	https://www.lifecabezogreenh2.eu/	07/2021 -> 12/2024
HEAT IT YOURSELF FOR SUSTAINABILITY: CIRCULARITY IN ENERGY INTENSIVE INDUSTRIES	LIFE20 CCM/ES/001733	LIFE HI4S	N/A	07/2021 -> 06/2024
Towards a circular economy for refrigerants: novel hybrid approach to selectively recycling F-gases	LIFE20 CCM/ES/001748	LIFE-4-Fgases	https://www.life4fgases.eu/	10/2021 -> 09/2025
Towards a Mediterranean Climate Neutral Farm model	LIFE20 CCM/ES/001751	LIFE CLINMED-FARM	N/A	09/2021 -> 12/2025
Quercus pyrenaica forest management to obtain cascading use of timber products as a tool for mitigation in Castilla-Leon	LIFE20 CCM/ES/001778	LIFE +REB	https://liferebollo.es/	09/2021 -> 08/2025
Towards an integrated, coherent and inclusive implementation of Climate Change Adaptation policy in a region: Navarre	LIFE16 IPC/ES/00001	LIFE IP NADAPTA-CC	http://www.lifenadapta.eu/	10/2017 -> 12/2025
Systemic implementation of the CC action in the Basque Country for increased urban resilience as full territory enabler	LIFE18 IPC/ES/00001	LIFE-IP URBAN KLIMA 2050	https://urbanklima2050.eu/	09/2019 -> 12/2025