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Serçan Regional de Ambiente  
e Qualidade de Vida



Reunião anual de intercâmbio  
de experiências LIFE

# INTER LIFE PT 2025

## VILA REAL

Centro de Informação e Interpretação  
do Parque Natural do Alvão - ICNF

20 e 21 março 2025



@lifemaronesa



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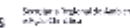
20 e 21 março 2025

## PROGRAMA | 20 março

- |              |  |
|--------------|--|
| <b>09h00</b> | <b>Receção e registo de participantes</b>  |
| <b>09h30</b> | <b>Abertura do Evento</b> <ul style="list-style-type: none"> <li>▪ Rui Santos, Presidente da Câmara Municipal de Vila Real</li> <li>▪ Sandra Sarmento, Vogal do Conselho Diretivo do ICNF</li> <li>▪ José Pimenta Machado, Presidente do Conselho Diretivo da APA</li> </ul>                           |
| <b>10h10</b> | <b>Sessão de enquadramento: “O Programa LIFE”</b> <ul style="list-style-type: none"> <li>▪ Programa LIFE: Novidades   María-José Aramburu, CINEA</li> <li>▪ LIFE em Portugal   José Paulino, APA</li> <li>▪ LIFE em Itália   Federico Benvenuti, MASE (NCP Itália)</li> </ul>                          |
| <b>10h55</b> | <b>Pausa para café e <i>Networking</i>   Exposição de posters</b>  |
| <b>11h25</b> | <b>Partilha de experiências de projetos transnacionais (PT&amp;IT)</b> <ul style="list-style-type: none"> <li>▪ LIFE FAGESOS   Tiziana di Fazio, Tiscali</li> <li>▪ LIFE NATURA AGRO   Matteo Michellini, NDG Group</li> <li>▪ LIFE ENTRACK   Federica Ragazzo, RETE ASSIST</li> </ul> <p>Questões</p> |
| <b>11h55</b> | <b>Projeto anfitrião</b> <ul style="list-style-type: none"> <li>▪ LIFE MARONESA   Henrique Mira Godinho, AguiarFloresta</li> </ul>   |
| <b>12h30</b> | <b>Almoço em sala e <i>networking</i></b>  |
| <b>14h00</b> | <b>Visita de campo, Lamas de Olo – Projeto LIFE MARONESA</b>   |
| <b>17h30</b> | <b>Encerramento dos trabalhos do dia</b>   |



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## PROGRAMA | 21 março

- |              |  |
|--------------|--|
| <b>9h00</b>  | <b>Receção</b>   |
| <b>9h30</b>  | <b>Projetos LIFE Nacionais (a terminar em 2025)</b>  |
|              | <ul style="list-style-type: none"> <li>▪ Mesa-redonda           <ul style="list-style-type: none"> <li>○ LIFE POLICY-EU-MORE   João Fong, ISR</li> <li>○ LIFE BEETLES   Maria Teresa Ferreira, SRAAC</li> </ul> </li> <li>▪ Questões</li> </ul>  |
| <b>10h20</b> | <b>Pausa para café e <i>networking</i>   Exposição de <i>posters</i></b>   |
| <b>10h50</b> | <b>Projetos LIFE Nacionais (<i>call</i> 2023)</b>  |
|              | <ul style="list-style-type: none"> <li>▪ Mesa-redonda           <ul style="list-style-type: none"> <li>○ LIFE Plan4Cold   Tiago Marques, ADENE</li> <li>○ LIFE RESTORESEAGRASS   António Araújo, CCMAR</li> <li>○ LIFE SOS Pygargus   José Pereira, Palombar</li> <li>○ LIFE-ZWC-UKRAINE   Carlos Ribeiro, Laboratório da Paisagem</li> <li>○ LIFE Corredor do Rio Leça   Artur Branco, AM Corredor do Rio Leça</li> </ul> </li> <li>▪ Questões</li> </ul> |
| <b>12h30</b> | <b>Almoço e <i>networking</i></b>  |
| <b>14h00</b> | <b><i>Workshop</i>:</b>  |
|              | <ul style="list-style-type: none"> <li>▪ Questões-chave em gestão de projeto</li> <li>▪ Parcerias &amp; ideias de projeto</li> </ul>   |
| <b>16h00</b> | <b>Encerramento   Inês Andrade, Vogal do Conselho Diretivo da APA</b>  |



# EU-MORE

## European MOtor REnovation Initiative

The EU-MORE Project aims to speed up replacement of old, inefficient electric motors in industry and the service sector. Electric motors tend to stay in service for 30 to 40 years, which is much longer than generally assumed. With swift action, this replacement rate could be improved. In the EU, replacing old motors faster would free up additional energy savings, on top of the savings potential of existing regulations, with all the associated benefits.

# TOP 3+

## Main outputs

- Set of policy recommendations to promote early replacement
- Set of policy recommendations to improve circularity
- Impact calculation model

01.10.2022

30.03.2025



[eu-more.eu]

[joaofong@isr.uc.pt]

LIFE-2021-CET-POLICY101076631.



# LIFE BEETLES

Bringing Environmental  
and Ecological Threats  
Lower to Endangered  
Species



## TOP 3+

### Main outputs

- Improved habitat quality, quantity and connectivity for the wild populations of the 3 target species
- Creation of “green infrastructure” corridors with the use of NBS that foster conservation and availability of other ecosystem services
- Raising awareness of 100% of local students (aged 8-12)

The LIFE BEETLES project is a nature conservation project coordinated by the Regional Secretariat for the Environment and Climate Action, which aims to improve the population size, distribution area, and conservation status of three endemic beetle species on three different islands. This will be achieved by (re)converting Eucalyptus plantations to native habitats; re-naturalizing pasture land; increasing density of native trees and shrubs; controlling invasive alien plant species; and public environmental awareness (within schools and families).

01.01.2020

31.12.2025



<https://www.lifebeetlesazores.com/en/>

life.beetles@azores.gov.pt

LIFE BEETLES 18 NAT/PT/000864





# Plan4COLD

Supporting South Europe municipalities in the definition of Sustainable Local Heating and Cooling Plans

Aims to support South European municipalities in the definition of their sustainable local heating and cooling plans (SLHCPs), in line with the Energy Efficiency Directive (EED) requirement for municipalities with more than 45.000 inhabitants.

To this end, the project will develop resources and tools, provide capacity building and directly collaborate in the definition of 10 plans in Italy, Greece, and Portugal.

Lead cities will serve as models for others, enabling policy recommendations and ensuring accessible tools for the effective implementation of the EED.

## TOP 3+

### Main outputs

- Methodology to define and operationalize SLHCP
- Compile, adapt and develop tools and resources adapted to the geographical context of South European Cities
- 10 SLHCP developed in collaboration with local and regional authorities

01.10.2024

30.09.2027



<https://www.adene.pt/projeto/plan4cold/>

tiago.marques@adene.pt

LIFE23-CET-Plan4Cold/101167534





# RESTORESEAGRASS

Large-scale conservation and restoration of critically threatened seagrass habitat on Atlantic infralittoral sand and coastal lagoons



Aim: conserve and restore two priority seagrass habitats: 1) Non-Macaronesian seagrass beds on Atlantic infralittoral sand (A5.53), a 'Critically Endangered' habitat by the European Red List of Habitats, and 2) Brackish or saline coastal lagoons, a priority habitat under Habitat Directive Annex II (1150). Upscale our previous successful seagrass reintroduction of locally extinct seagrass (LIFE-BIOMARES).

Methods: Seagrass biomass production integrated in fish aquaculture for restoration. Prevent seagrass damage by awareness and actions against mechanical disturbance and by removal of invasive species.

Monitoring of impact on biodiversity and carbon sequestration.

01.06.2024

31.05.2031



<https://www.marineforests.com/restoreseagrass/>  
jmneiva@ualg.pt

## TOP 3+

### Main outputs

- 185 ha of seagrass loss prevented
- 7 ha of seagrass planted
- ~1 km<sup>2</sup> invasive algae removed



# LIFE SOS PYGARGUS

Urgent conservation actions to sustain Portuguese and transborder populations of the Montagu's Harrier



LIFE SOS Pygargus will establish the tools for the short and long-term conservation of *Circus pygargus* populations in their main Portuguese and transborder distribution areas, by implementing conservation measures related to habitat management and improving breeding success, mitigate threats and reduce mortality. It will apply specific conservation measures to improve habitat conditions; make agricultural practices compatible with the reproductive cycle of the species, prevent and mitigate disturbance affecting breeding productivity, raise awareness and promote capacity building.

01.09.2024

31.12.2030

## TOP 3+

### Main outputs

- Halt the population decline and increase the breeding population by 50%
- Improve breeding success by more than doubling the productivity to 1,5 (currently at 0,6)
- Promote a significant mortality reduction and nest destruction by about 75%



<https://www.palombar.pt/pt/projetos/life-sos-pygargus-2024/>

josepereira@palombar.pt





# Zero Waste Cities in Ukraine

Developing Ø Waste Strategies through EU-UA cooperation.

The 'Zero Waste Cities in Ukraine' project aims to improve waste management in 4 Ukrainian municipalities with support from EU municipalities, NGOs, and experts, promoting international cooperation.

Key results include conducting an in-depth audit of waste systems to develop efficient solutions, strengthening municipal capacity through training, and developing Zero Waste Strategies based on circular economy principles. The project will also launch pilot projects targeting key waste streams and promote replication through case studies, blueprints, and open-access resources to ensure long-term sustainability.

01.05.2024

30.04.2028

## TOP 3+

### Main outputs

- WMS Audits for 4 Ukrainian municipalities;
- Capacity-Building Programme for EU regulations and best-practices;
- Infrastructural Pilot Projects for Ø Waste Strategies



# Corredor do Rio Leça

The objective of this proposal is to enhance the capacity of CRL to prepare a SIP proposal for LIFE's 2024 Call. Such proposal aims to implement a "Specific Water Management Plan for the Leça River" (SWMP), aligned with the higher-level "Cávado, Leça, and Ave River Basin Management Plan" (RBMP). The focus of the SWMP is detailing RBMP measures for the Leça river watershed, ensuring adherence to overarching policy instruments, which implements the Water Framework Directive (WFD), in synergy with other local and regional policy instruments.

## TOP 3+

### Main outputs

- Robust management of the TA-PP
- active participation and contributions from key stakeholders
- scoping and networking

LIFE23 TAE PT  
Corredor do Rio Leça

LIFE-2023-TA-PP - 101146277

01.06.2024

01.06.2026



<https://corredor.rio-leca.pt/>

Artur.branco@rio-leca.pt





# LIFE CAP PT II

## Portugal Capacity Building for Better Use of LIFE II



LIFE-2021-TA-CAP/101101821

The LIFE CAP PT II project is a national capacity building project that aims to improve Portuguese participation in the LIFE Program and promote its use by potential national candidates, increasing the number and quality of projects that are submitted annually. It foresees the deployment of information and training events as well as the development of support tools, to improve information and dissemination channels, give practical recommendations, provide greater technical support in the preparation of applications and encourage networking in the LIFE community.

01.04.2023

31.03.2026



<https://apambiente.pt/programa-life/pagina/sobre-life21-cap-pt-life-cap-pt-ii>

life.capacitacao@apambiente.pt

# TOP 3+

## Main outputs

- Training and capacity building actions, focused in key issues
- Good practice guide (policy uptake, replication/transfer, economic value)
- Online co-financing platform for complementary funding



# LIFE-4-Fgases

Towards a Circular Economy for refrigerants: novel hybrid approach to selectively recycling F-gases.

LIFE-4-Fgases aims to improve the sustainability of the Refrigerating and air conditioning (RAC) sector through the demonstration of an innovative technology called HAMSYS (Hybrid Adsorption and Membrane SYSTEM). HAMSYS allows the selective recovery of value-added F-gases present in commercial refrigerant blends contained in End-of-Life refrigeration equipment, presenting high Global Warming Potential (GWP). These reclaimed F-gases will be used in the formulation of novel environmentally friendly refrigerant mixtures with low-GWP, thus mitigating the impact of the RAC sector on climate change.

## TOP 3+ Main outputs

- Paradigm shift: a current hazardous residue can be an added value by-product.
- Selective recovery of valuable F-gases from refrigerant blends (>99% recovery)
- HAMSYS integration in real industrial waste management facility to maximize benefits.

01.10.2021

30.09.2025

LIFE20 CCM/ES/001748



[[www.life4fgases.eu](http://www.life4fgases.eu)]

[[javier.pinedo@apriasystems.es](mailto:javier.pinedo@apriasystems.es)]





# LIFE LUPI LYNX

Creating socioecological conditions for the expansion of Iberian wolf and Iberian lynx



A cross-border project that brings together organisations from Portugal and Spain to contribute for the conservation of the Iberian wolf (*Canis lupus*) and Iberian lynx (*Lynx pardinus*) in the area south of the River Douro. The main objectives are:

- Improve the social and ecological conditions for both species;
- Help communities live in harmony with wildlife, ensuring suitable habitat conditions and a positive coexistence with human activities;
- Increase capacity and knowledge exchange on damage prevention assessment and detection of environmental crimes.

01.01.2024

31.12.2028

## TOP 3+ Main outputs

- Habitat restoration to increase wild prey abundance
- Improvement of livestock damage prevention
- Community engagement, communication and environmental education on wildlife and target species

LIFE22-NAT-PT-LUPI-LYNX/101113906



<https://lifelupilynxeu/>

[info@rewilding-portugal.com](mailto:info@rewilding-portugal.com)

[tiago.pinho@rewilding-portugal.com](mailto:tiago.pinho@rewilding-portugal.com)



# LIFE AEGYPIUS RETURN

Consolidating and  
expanding the Cinereous  
Vulture population in  
Portugal and Western Spain



LIFE21-NAT-NL-LIFE-Aegypius-return/101074677

Once widespread in Iberia, the Cinereous Vulture (*Aegypius monachus*) declined in the 20th century due to habitat loss and mortality factors. By the 1970s, it was scarce in Spain and extinct in Portugal. Conservation and legal measures led to its recovery and return to Portugal in 2010, but its comeback remains slow and fragile. LIFE Aegypius Return aims to improve ecological and social conditions for the species, securing long-term favourable conservation conditions.

Results include the increase of the breeding population, improvement of food and habitat, and effective threat mitigation.

01.09.2022

31.12.2027

## TOP 3+

### Main outputs

- Double the breeding population in Portugal
- Improve habitat and feeding conditions
- Mitigate threats such as poisoning and forest fires



[4vultures.org/life-aegypius-return](https://4vultures.org/life-aegypius-return)  
[m.matos@4vultures.org](mailto:m.matos@4vultures.org)





# LIFE Fitting

Demonstration of an innovative PLAN-DO toolbox for a safer, resource efficient and fit-for-purpose wastewater treatment

Aims to improve micropollutant control in urban wastewater treatment plants (WWTPs) and develop tools for smart monitoring and discharge-driven operations.

Aligned with the new wastewater treatment directive, extensive full-scale campaigns in WWTPs and rivers receiving treated effluents were carried out for tools development.

Project outputs will support water utilities in the prioritization of strategies and investments in the short, medium and long runs towards an enhanced integrated control of regulated contaminants, microcontaminants (e.g. pharmaceutical) and antimicrobial resistance.

## TOP 3+

### Main outputs

- PLAN-DO toolbox with 5 innovative tools
- Portfolio of operational measures and strategies for improving treatment efficiency
- Guide of best practices

01.07.2023

30.06.2025

**LIFE FITTING**

<https://lifefitting.lnec.pt>  
mjrosa@lnec.pt



# LIFE-MOONSET

Implementing a  
NOcturnal, EcO-FrieNdly,  
and Integrated SharEd  
Transportation Concept



101151011579537953

O projeto LIFE MOONSET visa implementar e avaliar um piloto de transporte inovador por pedido para trabalhadores com horário noturno, que contribua para o desenvolvimento futuro de um sistema de transporte público sustentável. Será testado em Lisboa, Viena e Ruse. Em Lisboa, foca-se nos trabalhadores do perímetro do Aeroporto Humberto Delgado. O consórcio é liderado pela Wiener Linien e inclui também a TML-Transportes Metropolitanos de Lisboa, ANA -Aeroportos de Portugal, VIA, Universität Innsbruck e Municipal Transport Ruse.

01.09.2024

01.09.2027

**LIFE MOONSET**  
SUSTAINABLE NIGHTIME MOBILITY

[[www.lifemoonset.com](http://www.lifemoonset.com)]  
[[Vincent.neumayer@wienerlinien.at](mailto:Vincent.neumayer@wienerlinien.at)]



## TOP 3+

### Main outputs

- Aumentar a acessibilidade aos locais de trabalho
- Diminuir a dependência do transporte individual entre trabalhadores com horários desafiantes
- Reduzir as emissões de gases com efeito de estufa



# LIFE ResLand

Adapt and promote a resilient and firewise living landscape

In the context of climate change, extreme weather events are expected to increase, leading to more frequent and severe rural fires. This poses a huge threat to the Sintra-Cascais Natural Park, located in a densely populated peri-urban area with high visitation pressure.

The LIFE ResLand project develops a climate adaptation strategy for the Natural Park area in Cascais, involving rural landowners in property management.

Silvopastoral models will create a mosaic of forest, pastures and agriculture, reducing continuous vegetation, increasing landscape resilience and protecting natural values, all of it while involving the community.

## TOP 3+ Main outputs

- Increased landscape resilience
- Stakeholders' involvement in landscape management
- Diversification of ecosystem services

01.10.2023

30.09.2029



[liferesland.com]

[liferesland@cascaisambiente.pt]



# LIFE ALNUS TAEJO

Conservation and restoration of mediterranean alder forests priority habitat in western international Taejo river basin

The project LIFE Alnus Taejo aims to protect, preserve, improve and recover the rivers and riverbanks dominated by alnus Mediterranean forest (habitat 91E0 priority under 92/43/CEE Directive), focused on integrated watershed management, social awareness, exchange of experiences in networks and environmental education.

## Main expected results:

- Vegetation and natural regeneration, climate adaptation using indigenous genetic material
- Improvement of hydrogeomorphological structure and water quality
- Increased biodiversity and pathogen control (*Phytophthora alni*)

01.01.2021

01.01.2026

## TOP 3+ Main outputs

- Database of 444 plots and hydraulic simulations for different reference flows in all the studied sections.
- Study of genetic variability in 10% of the studied plots.
- Actions to improve riparian vegetation, removal of invasive species, and enhancement of river connectivity.



LIFE20 NAT/ES/00002



[<https://lifealnustaejo.eu/pt/>]

[[josel.garcia@upm.es](mailto:josel.garcia@upm.es)]





# LIFE PowerLines4Birds

Reduce Power Line Impact to  
Improve the Conservation of  
Endangered Birds in Iberia



LIFE21-NAT-PT-PowerLines4Birds/101074478

O LIFE PowerLines4Birds tem como objetivo reduzir o risco de mortalidade por colisão e eletrocussão em linhas elétricas para 7 espécies prioritárias na UE: Abutre-preto (*Aegypius monachus*), Abutre-do-Egipto (*Neophron percnopterus*), Águia-Imperial-Ibérica (*Aquila adalberti*), Abetarda (*Otis tarda*), Sisão (*Tetrax tetrax*), Tartaranhão-caçador (*Circus pygargus*) e Rolieiro (*Coracias garrulus*). As ações de conservação irão aumentar as áreas seguras de alimentação e reprodução para estas espécies em 23 ZPE transfronteiriças na Península Ibérica. O projeto é uma parceria entre a LPN, SPEA, Quercus, SEO e E-Redes.

01.01.2023

30.04.2027



<https://www.lifepowerlines4birds.lpn.pt/pt>  
[lpn.cea-castroverde@lpn.pt](mailto:lpn.cea-castroverde@lpn.pt)

## TOP 3+ Main outputs

- Correção de 358 km de linhas elétricas em Portugal e 20 km em Espanha
- Reduzir em 90% a mortalidade da avifauna por interação com linhas elétricas
- Testar novas metodologias para melhorar a eficácia das medidas de mitigação





# GrowLIFE: An Integrated Approach to Promote Sustainable Food Systems through Cross-Cutting Behavioural Changes among All Stakeholder



LIFE21-GIC-PT-GrowLIFE

GrowLIFE, led by the Faculty of Sciences of the University of Lisbon and the Schools of Hospitality and Tourism of Turismo de Portugal, fosters a sustainable food system across social, economic, and environmental dimensions.

Through four key activities, it aims to:

- Ensure Healthy and Sustainable Food for All
- Support Farmers' Livelihoods
- Protect the Environment

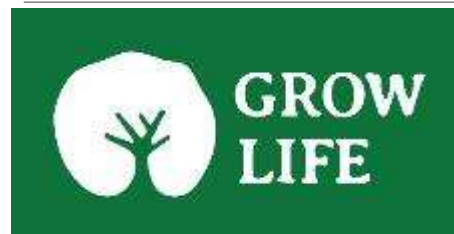
Using a Multistakeholder Approach with Participatory Methods and Peer-to-Peer Knowledge Transfer, GrowLIFE integrates all stages from production to consumption.

## Key Activities

- Participatory Visits to Sustainable Farms
- Routes for Sustainability
- Farmers' Open Days
- Training for Chefs and students

01.05.2023

01.04.2028



<https://projetogrowlife.pt>  
[growlife@fc.ul.pt](mailto:growlife@fc.ul.pt)





# LIFE Serras do Porto

## Adapting Serras do Porto to Climate Change



The LIFE SERRAS DO PORTO project aims to take a participatory approach to local climate governance to contribute to forest space diversification, river renaturalization, invasive alien species control, and other adaptation work, as well as increasing the resilience of this Regional Protected Landscape's forest and agricultural areas to extreme weather events and large-scale forest fires. In addition to the Association of Municipalities Parque das Serras do Porto, other beneficiaries include the municipalities of Gondomar, Paredes, and Valongo, the LIPOR, and Navigator Forest Portugal.

## TOP 3+ Main outputs

- Adaptation of forest land on **423 ha**
- (re)naturalization of monocultural Eucalyptus plantings on about **195 ha**
- Adaptation of agricultural land on **12 ha**

01.09.2022

31.08.2027



Life  
**SERRAS  
DO PORTO**  
GONDOMAR . PAREDES . VALONGO

[<https://life.serrasdoporto.pt>]  
[[geral@serrasdoporto.pt](mailto:geral@serrasdoporto.pt)]





# Zimbral for LIFE

A preservar os Zimbrais Dunares na costa portuguesa

O projeto Zimbral for LIFE tem como objetivo melhorar o estado de conservação dos zimbrais dunares (habitat 2250\*) em Portugal Continental, revertendo a sua atual tendência de degradação. Para isso, integra uma estratégia ambiciosa, aplicada ao nível do ecossistema, que aborda os principais fatores que impedem a melhoria da condição ecológica deste habitat. Este projeto tem duas escalas de atuação: uma local, composta por áreas de demonstração em 3 ZEC (Comporta, Costa Sudoeste e Ria Formosa/Castro Marim); e uma escala nacional, utilizada na execução de um Plano de Ação Nacional para o Habitat. 01.10.2022

30.09.2028

## TOP 3+

### Main outputs

- Cartografia Nacional do Habitat/grau conservação
- Melhores práticas de restauro e monitorização
- Plano de Ação Nacional



Zimbral  
for Life

<https://www.zimbral4life.uevora.pt/>  
zimbral@uevora.pt

