

apa

agência portuguesa
do ambiente



PESQUISA E OUTROS EXEMPLOS DE PROJETOS LIFE

em sectores de atividade relevantes por região

Sessões Regionais de Informação & Workshops
Porto | Coimbra | Beja | 6, 16 e 23 de junho de 2023

Inês Cristóvão

Equipa Técnica LIFE PT | APA

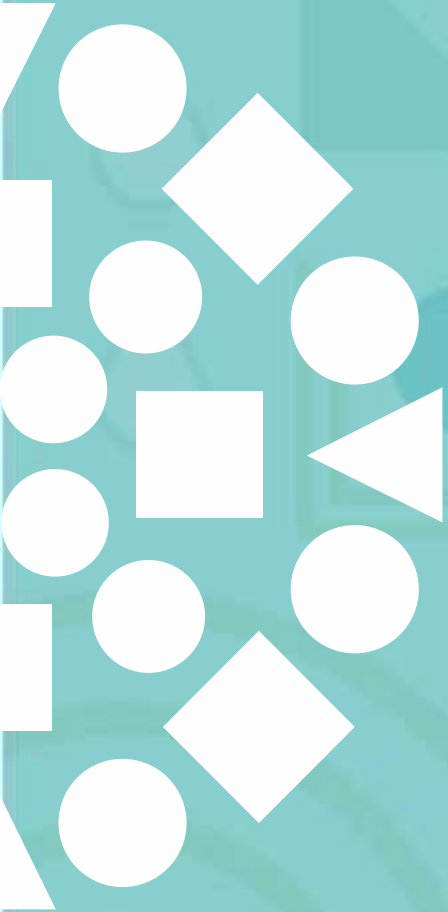
life@apambiente.pt



**REPÚBLICA
PORTUGUESA**

**AMBIENTE E
AÇÃO CLIMÁTICA**

PESQUISA DE PROJETOS LIFE



Pesquisa de projetos LIFE



<https://webgate.ec.europa.eu/life/publicWebsite/search>

European Commission
LIFE Public Database

Basic Search on LIFE Public Database

Basic Search on LIFE Public Database

Latest Updated Projects

Project Title	Reference	Details
Conservation of endangered grouse species in the forests of the Jura	LIFE92 NAT/F/012700	DETAILS
PREVENTION OF DAMAGE TO THE ENVIRONMENT BY ORGANIC SOLVENTS USED IN THE FOOTWEAR INDUSTRY	LIFE94 ENV/LK/000677	DETAILS

LIFE KANNA Green on LIFE Public Database

Demonstration of a new business and consumption model for the circular economy in the footwear sector

Reference: LIFE14-ENV/IT/000118 - Acronym: LIFE KANNA Green

PROJECT DESCRIPTION

BACKGROUND

In 2013, the world produced and consumed 25 billion pairs of shoes in Europe. The EU is the world's leading importer of shoes, accounting for 38.2%. The waste generated after use is about 1.2 million tons per year, of which it is estimated that 1.9% is recycled, 1.2% is reused and 80% is landfilled. On average, each pair of shoes for the average consumer is made of 13.4 kg of materials, 10% corresponds to leather (including 5.5% to 2.5% of leather), 4% to polyurethane, 4% to polyethylene and 2% to packaging and end-of-life. Consequently, annually, the global environmental footprint of the footwear industry adds up to a total of 248.1 million kg CO₂e of which the EU accounts for around 10 billion kg CO₂e. Factors relating to material selection account for up to half of the environmental footprint of a pair of shoes. Petroleum-based materials (including such as PU, TPU, PVC, EVA, synthetic rubber) are the part that contributes most to the negative effects on the environment. It aims at identifying legal and non-legal (permitted) materials for footwear industry projects, measures to improve the use of resources, while ensuring responsible, ethical and life cycle product recovery strategies and solutions for post-consumer shoes recycling needs to be established to ensure the environmental impacts of end-of-life shoes while taking advantage of the value of end-of-life products.

OBJECTIVES

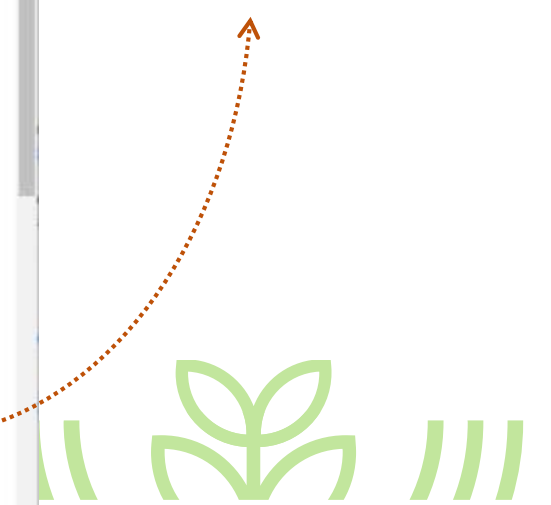
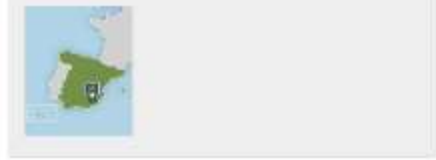
LIFE KANNA Green aims at demonstrating the feasibility of CANECO's proposed circular business model for footwear, which is based on a take-back and recycling scheme as well as on cradle-to-cradle philosophies. The model is focused on recycling the non-reusable part of footwear, ready for the same CANNA Green footwear business but also for other uses. The project will develop a set of shoe parts, type models, applied technology to fabricate components of PU, PU, EVA, EVA (shoe) materials and formulations, manufacturing and object on techniques. These processes allow the integration of the different recycled materials into new footwear items, thus closing the loop of the footwear industry for market time. The environmental footprint of each pair of KANNA Green shoes is expected to be reduced to 7.22 kg CO₂e (21% reduction). The project is directly related to the common EU target for recycling 20% of material waste by 2025, 70% of packaging waste by 2030, and reducing landfill to a maximum of 10% of municipal waste by 2025. It also implements the EU Action Plan

ADMINISTRATIVE DATA

- Italian: LIFE14-ENV/IT/000118
- Acronym: LIFE KANNA Green
- Start Date: 14/10/2010
- End Date: 30/09/2014
- Total Elyric Budget: 1,775,752 €
- EU Contribution: 975,111 €
- Project Location:

CONTACT DETAILS

- Coordinating Beneficiary: CANECO SL
- Legal Status: POC
- Address: Calle de los Sarda, 8, 15 ENGINWON, 38110, GRANADA, DE, ES
- CRIC:
- Contact Person: TOMAS ANTONES DE LA CRUJA
- Email: [Send Email](#)
- Website: [Visit Website](#)



Pesquisa de projetos LIFE

LIFE 3.0 - LIFE Project Public Page

webgate.ec.europa.eu/life/publicWebsite/search/advanced

Advanced Search on LIFE Projects

For a more simple search you can use the Basic Search

shoes

Keyword Variants (eg: searching for Europe will return all projects containing the word Europe or derivatives like European)

1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020

- Select Priority Areas
- Select Submitting Countries
- Select Benefiting Countries
- Select the Beneficiary Types
- Select Themes
- Select Keywords
- Select Target EU Legislative References
- Select Target Habitat Types
- Select Species
- Select Red List Species
- Select Natura 2000 Sites

Is project selected?

Is project the best?

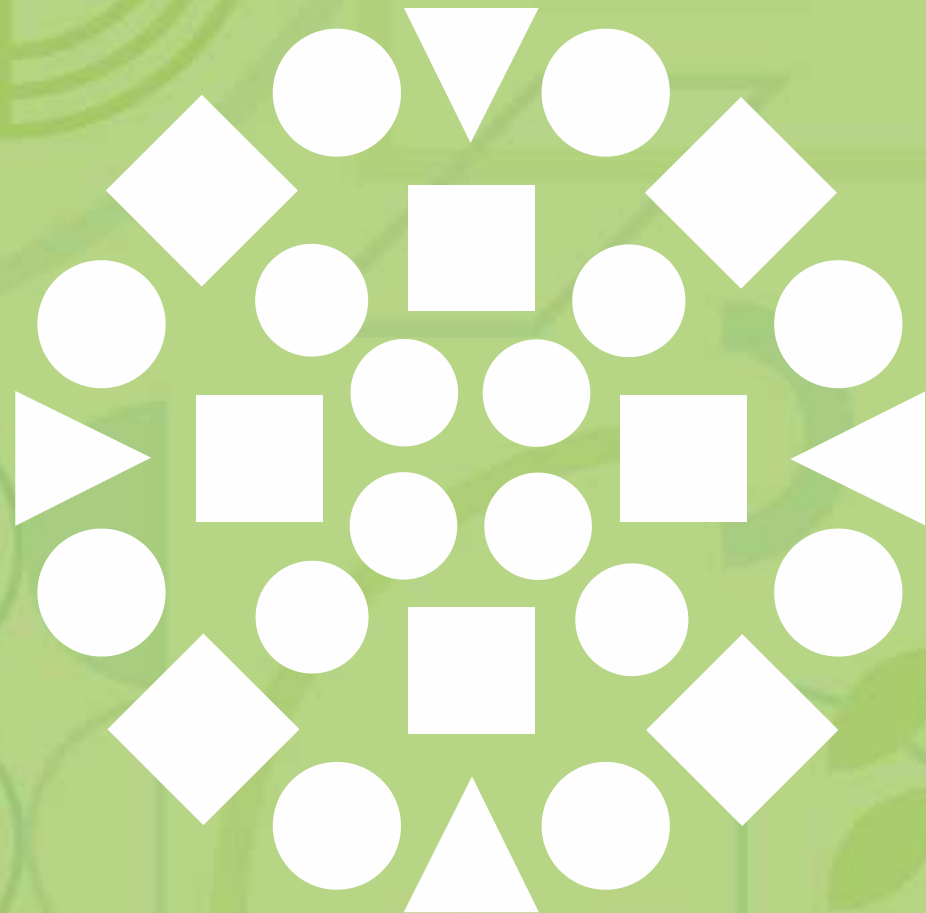
Is project the best of the best?

SEARCH RESET



PROJETOS LIFE

em sectores de atividade relevantes na região norte



Footwear Carbon Footprint

OBJETIVO

- Desenvolvimento de uma ferramenta de cálculo da pegada de carbono específica para o sector do calçado

RESULTADOS

- Ações-piloto em 16 empresas de 4 países (Espanha, Itália, Polónia e Portugal)
- Pegada de carbono em 36 modelos de calçado:
 - média de **10** kgCO₂eq / par sapatos+embalagem
- Fase do ciclo de vida com maior impacte:
 - Produção de componentes (58%)



THEMES

- GHG reduction in non EU ETS sectors
- Leather and Footwear



KEYWORDS

- modelling
- emission reduction
- greenhouse gas
- environmental impact assessment
- clothing industry

📍 Coordinating Beneficiary: Asociación de Investigación para la Industria del Calzado y Conexas (INESCOP)

★ Reference: LIFE12 ENV/ES/000315

★ Acronym: LIFE CO2SHOE

🕒 Start Date: 01/10/2013

🕒 End Date: 30/09/2017

€ Total Eligible Budget: 737,968 €

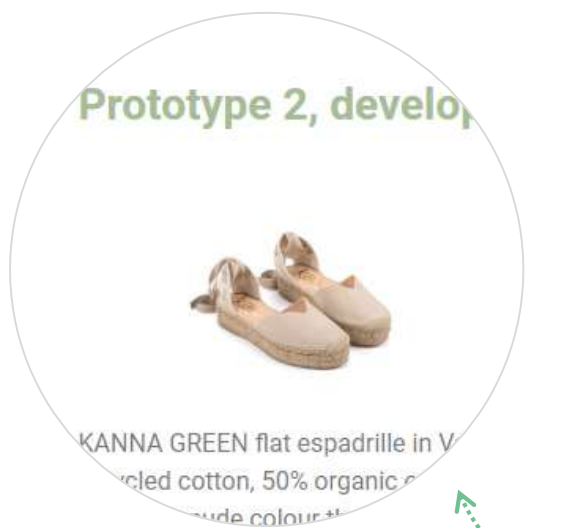
🇪🇺 EU Contribution: 368,984 €

📍 Project Location:



+ Centro Tecnológico do Calçado de Portugal

Demonstration of a new business and consumption model for the circular economy in the footwear sector



THEMES

- Circular economy and Value chains
- Life Cycle Assessment-Management
- Leather and Footwear
- Waste reduction - Raw material saving

KEYWORDS

- consumption pattern
- environmentally friendly product
- waste reduction
- reuse of materials
- recycling
- raw material consumption
- industrial process
- life-cycle management
- clothing industry
- logistics

⊕ Coordinating Beneficiary: CAPICCIO, SL

★ Reference: LIFE19 ENV/ES/000118

★ Acronym: LIFE KANNAGreen

⌚ Start Date: 01/10/2020

⌚ End Date: 30/09/2024

€ Total Eligible Budget: 1,778,768 €

🇪🇺 EU Contribution: 978,321 €

📍 Project Location:



Mitigation of microplastics impact caused by textile washing processes

OBJETIVO

- Minimização dos impactes ambientais dos microplásticos nos ecossistemas marinhos através da demonstração e implementação de tecnologias inovadoras

RESULTADOS

- 3 processos de acabamento têxtil em roupas sintéticas e 6 aditivos para detergentes, para evitar a remoção das fibras microplásticas durante as lavagens
- Recomendações de políticas e de boas práticas para fabricantes de fibras plásticas, indústria têxtil e de detergentes e setor residencial

THEMES

- Cleaner technologies
- Marine
- Textiles - Clothing
- Awareness raising - Information
- Pollutants reduction
- Water quality improvement

KEYWORDS

- marine ecosystem
- research project
- plastic waste
- chemical industry
- plastic
- textile industry
- industrial waste water
- pollutant elimination
- laundering

📍 Coordinating Beneficiary: Italian National Research Council(CNR)

★ Reference: LIFE13 ENV/IT/001069

★ Acronym: LIFE - MERMAIDS

🕒 Start Date: 01/07/2014

🕒 End Date: 31/12/2016

€ Total Eligible Budget: 1,287,123 €

🇪🇺 EU Contribution: 643,561 €

📍 Project Location:



Bio-based binder for furniture: Fibreboard production with microfibrillated cellulose (MFC) as binder

OBJETIVO

- Produção de painéis à base de madeira para mobiliário e construção, com celulose microfibrilada como material aglutinante de base natural, em alternativa aos convencionais MDF

RESULTADOS

- Painéis sem formaldeído (perigosidade, risco saúde)
- 100% reciclados e 100% recicláveis
- Redução das emissões CO2 (reciclagem dos materiais)
- Potencial upscaling / produção



THEMES

- Circular economy and Value chains
- Resource efficiency
- Wood - Furniture
- Pollutants reduction
- Hazardous waste



KEYWORDS

- emission reduction
- waste reduction
- recycling
- greenhouse gas
- furniture industry
- hazardous substance
- landfill
- life-cycle management
- environmentally responsible behaviour

📍 Coordinating Beneficiary: FiberLean Technologies Limited

★ Reference: LIFE20 ENV/UK/000329

☆ Acronym: LIFE B3 FURN

🕒 Start Date: 01/11/2021

🕒 End Date: 31/10/2024

€ Total Eligible Budget: 2,926,494 €

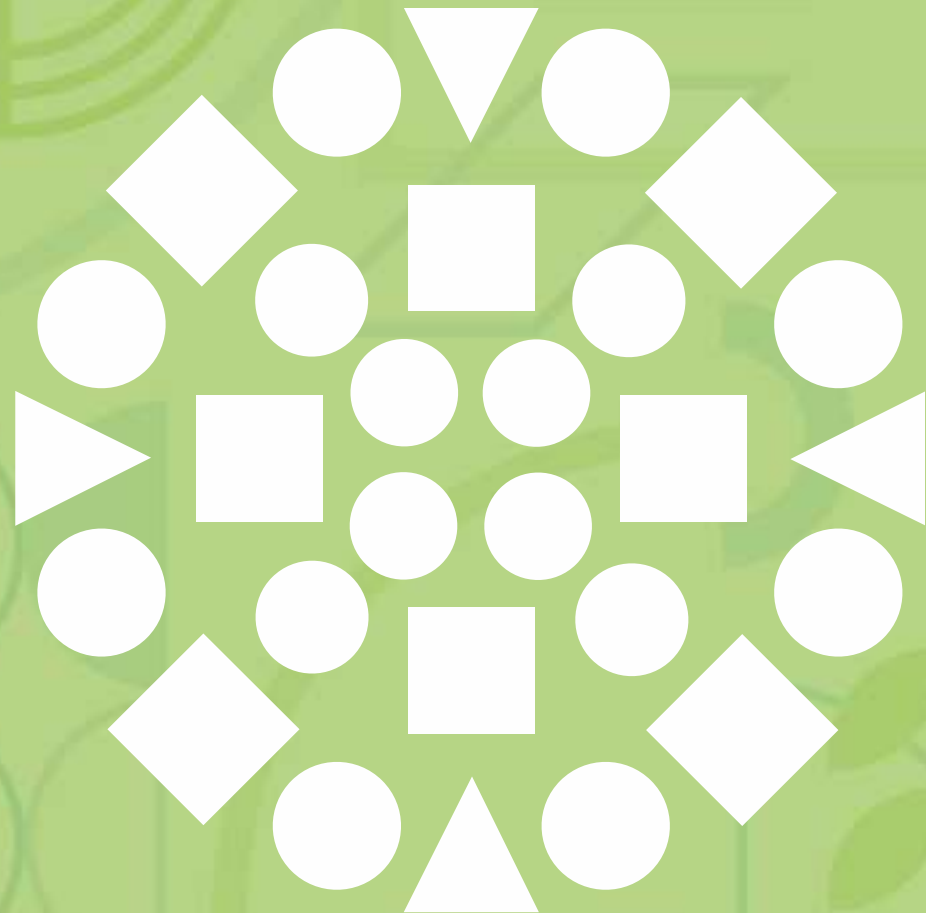
🇪🇺 EU Contribution: 1,609,570 €

📍 Project Location:



PROJETOS LIFE

em sectores de atividade relevantes na região centro



Renaturalização de barragens

Innovative and ecological approach for dam restoration

OBJETIVO: Reabilitação e melhoria ecológica de barragens através de eco-bermas feitas com materiais naturais, em substituição de betão

RESULTADOS: 2 locais-piloto ao longo do rio Danúbio

- Proteção contra inundações
- Aumento da biodiversidade, novos habitats ribeirinhos



THEMES

- Water resources protection
- River basin management

KEYWORDS

- renaturation
- riverside vegetation
- water quality
- hydroelectric power plant
- river restoration methods
- restoration measure
- water resources management
- flood protection



📍 Coordinating Beneficiary: Bayerische Elektrizitätswerke GmbH

★ Reference: LIFE14 ENV/DE/000851

☆ Acronym: LIFE+ INADAR

🕒 Start Date: 01/08/2015

🕒 End Date: 31/07/2019

€ Total Eligible Budget: 1,091,834 €

🇪🇺 EU Contribution: 655,100 €

📍 Project Location:



Integrated conservation management of priority habitat in Natura 2000 site

OBJETIVO: Melhorar o estado de conservação e resiliência das florestas de cedro sob risco (alterações climáticas, incêndios) em sítio da Rede Natura (Chipre)

AÇÕES:

- Medidas de silvicultura para reduzir competição entre cedros maduros e jovens
- Restauro de 12ha de habitat degradado e plantação de +8ha
- Banco de sementes para reflorestamento
- Reforço das patrulhas de incêndio
- Incentivo ao pastoreio para controlo da vegetação



THEMES

- Forests



KEYWORDS

- conservation of genetic resources
- endemic species
- forest ecosystem
- grazing
- environmental awareness
- restoration measure
- preventive measure
- fire protection
- climate change adaptation

📍 Coordinating Beneficiary: Department of Forests, Ministry of Agriculture, Rural Development and Environment Cyprus, Cyprus

★ Reference: LIFE15 NAT/CY/000850

★ Acronym: LIFE-KEDROS

🕒 Start Date: 01/09/2016

🕒 End Date: 31/01/2021

€ Total Eligible Budget: 1,412,304 €

🇪🇺 EU Contribution: 968,330 €

📍 Project Location:



Reducing particulate matter caused by wood burning



OBJETIVO: Redução das PM libertadas pela queima da madeira em habitações

AÇÕES: Soluções técnicas e políticas, com informação aos consumidores

- Campanha massiva de comunicação e ações diversas de informação e sensibilização
 - Informações sobre os efeitos adversos dos equipamentos de queima
 - Instruções para um melhor uso
 - Promoção de alternativas de aquecimento residencial
- Rotulagem e procedimentos de medição para fogões a lenha



THEMES

- Awareness raising - Information
- Air pollutants

KEYWORDS

- public awareness campaign
- air pollution
- pollution control
- environmental impact of energy

📍 Coordinating Beneficiary: Deutsche Umwelthilfe e.V.

★ Reference: LIFE14 GIE/DE/000490

★ Acronym: LIFE - CLEAN HEAT

🕒 Start Date: 01/08/2015

🕒 End Date: 31/12/2019

€ Total Eligible Budget: 1,190,440 €

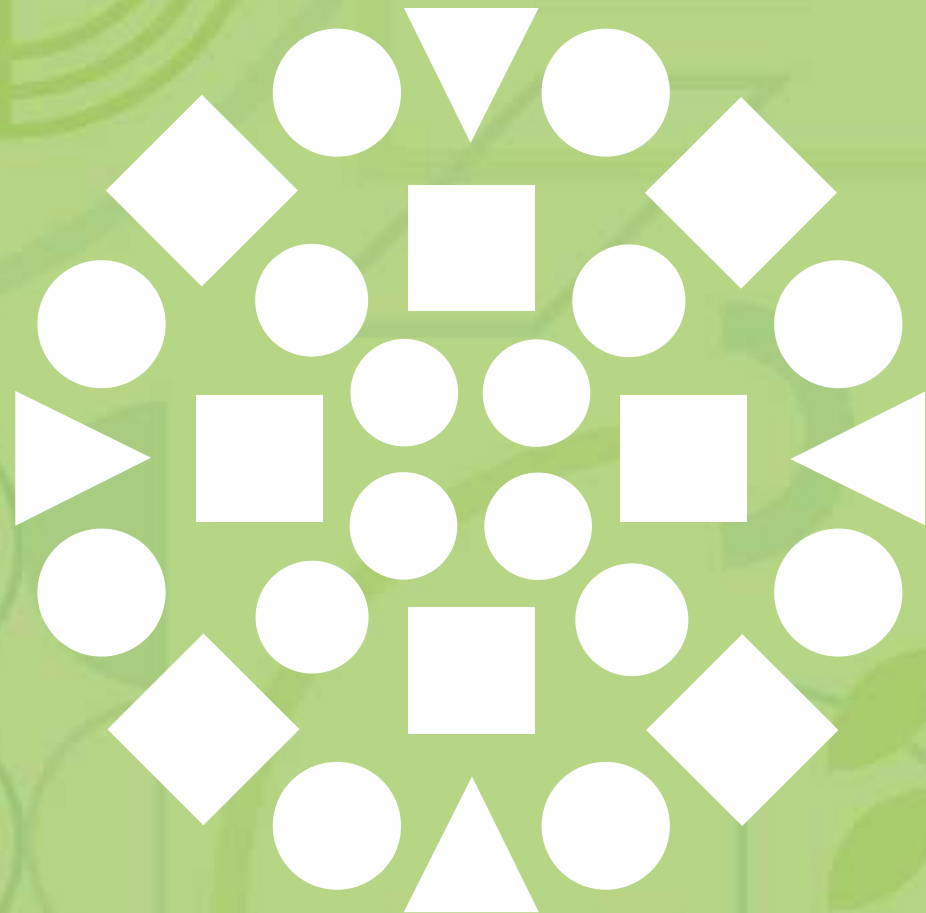
🇪🇺 EU Contribution: 714,204 €

📍 Project Location:



PROJETOS LIFE

em sectores de atividade relevantes na região sul



Recuperação de habitats e espécies

Sustainable Farming for Steppe Birds

OBJETIVOS: Restabelecimento do equilíbrio ecológico entre a atividade agrícola e as aves estepárias

Deter o declínio populacional das aves estepárias incluídas no Anexo I da Diretiva Aves, em colaboração com agricultores

LOCAL: Zonas de Proteção Especial incluídas na Rede Natura 2000 (região: Castilla-La Mancha)

AÇÕES: Medidas agroambientais e ecológicas, boas práticas de gestão agrícola



THEMES

- Birds
- Agriculture - Forestry

KEYWORDS

- grassland ecosystem
- environmental impact of agriculture

🌐 Coordinating Beneficiary: FUNDACIN GLOBAL NATURE

★ Reference: LIFE15 NAT/ES/000734

★ Acronym: LIFE STEPPE FARMING

🕒 Start Date: 01/09/2016

🕒 End Date: 28/02/2021

€ Total Eligible Budget: 1,765,255 €

🇪🇺 EU Contribution: 1,059,153 €

📍 Project Location:



Reutilização de água na agricultura

Innovative Cost-effective Water Reuse Approach for Agricultural Irrigation

OBJETIVO: Soluções de tratamento de águas para reutilização na irrigação agrícola, para cumprimento de Diretiva 741/2020

TECNOLOGIAS APLICADAS:

- Membranas de ultrafiltração reutilizadas a partir de ETA
- Lâmpadas ultravioleta c/ tecnologia LED

RESULTADOS ESPERADOS:

- Reutilização de 550 m³ de água/dia
- Redução de:
 - 0,044 GWh/ano
 - 15% custos tratamento
 - 35% emissões CO₂



THEMES

- Water scarcity and drought
- Waste use
- Waste water treatment

Coordinating Beneficiary: CFETAQUA, CENTRO TECNOLÓGICO DEL AGUA, FUNDACION PRIVADA

Reference: LIFE21-ENV-ES-WARRIOR/101074367

Acronym: LIFE21-ENV-ES-WARRIOR

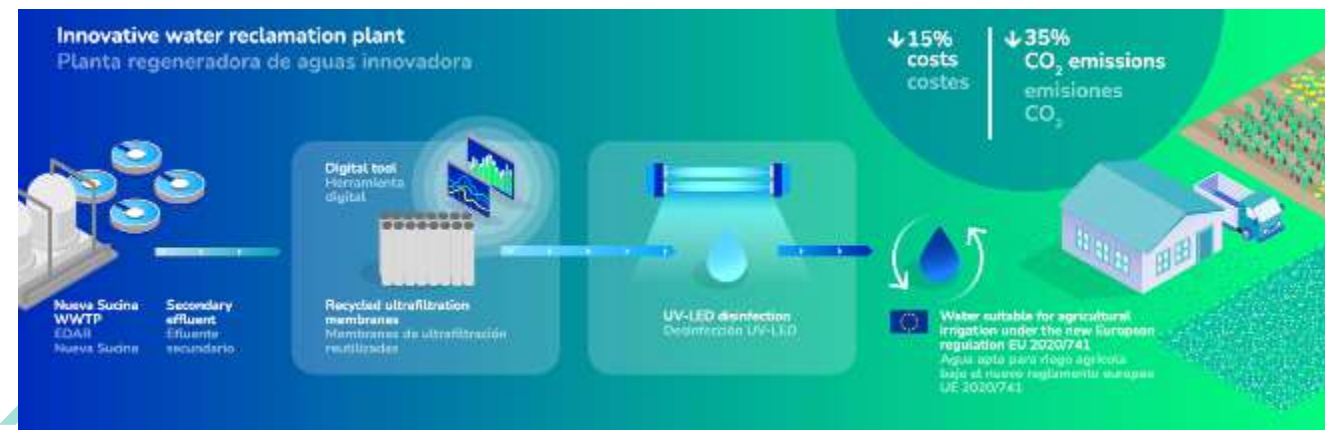
Start Date: 01/10/2022

End Date: 31/03/2026

Total Eligible Budget: 1,954,580 €

EU Contribution: 1,172,748 €

Project Location:



Optimizing Ecosystem Services in Viniculture facing Climate Change

OBJETIVOS: Métodos de gestão vitivinícola adaptados às alterações climáticas, para aumento da biodiversidade e dos serviços de ecossistema da vinha

AÇÕES:

- Testagem de novos processos de produção e técnicas de cultivo
- Introdução de mistura de sementes silvestres para controlo da erosão, stress hídrico e atração de polinizadores
- Ferramentas de avaliação de serviços de ecossistemas



THEMES

- Sectoral adaptation (industry-services)



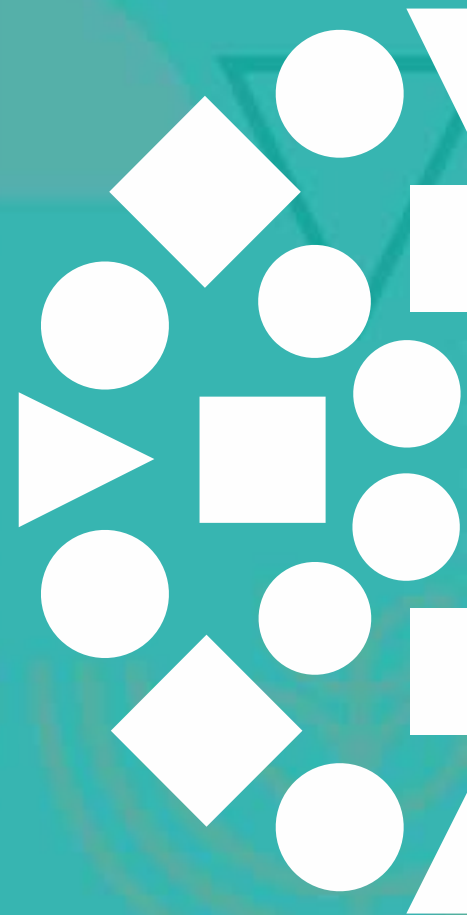
KEYWORDS

- Agriculture
- climate resilience

📍 Coordinating Beneficiary: Landgesellschaft Sachsen-Anhalt mbH
★ Reference: LIFE15 CCA/DE/000103
★ Acronym: LIFE VinEcoS
🕒 Start Date: 01/07/2016
🕒 End Date: 31/12/2020
💶 Total Eligible Budget: 1,399,349 €
🇪🇺 EU Contribution: 839,447 €
📍 Project Location:



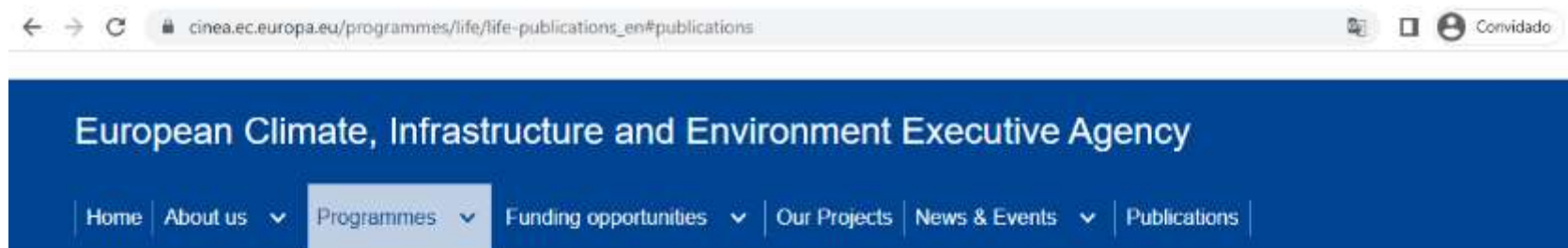
PESQUISA DE PUBLICAÇÕES LIFE



Pesquisa de publicações LIFE



https://cinea.ec.europa.eu/programmes/life/life-publications_en#publications



European Commission > CINEA > Programmes > LIFE > LIFE publications

LIFE publications

The European Commission publishes many factsheets and brochures on the LIFE programme. Most of them are available in the EU Bookshop database.

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[Publications](#)

[Other publications on LIFE](#)

[Publications before 2020](#)

[LIFE projects' publications](#)

Publications

General publications | 25
April 2023 | European
Climate, Infrastructure and
Environment Executive
Agency

**How LIFE protects
Europe's peatlands
infographic**



General publications | 19 April
2023 | European Climate,
Infrastructure and Environment
Executive Agency

**The future is green. The
future is LIFE leaflet
2023**



Pesquisa de publicações LIFE

Publicações temáticas
(ex., economia circular)

European Commission > CINEA > Publications

Publications

Filter by

- Select all (5)
- General publications
- Factsheet
- Promotional material
- Report
- Specific report

- Select all (28)
- biodiversity
- EU financial instrument
- energy efficiency
- circular economy
- climate change

Keywords

Publication type

Publication date

Subject

Programme

Programme Sectors

Search

Clear filters

Publications (40)



Showing results 1 to 10

PROGRAMME **Programme for the Environment and Climate Action (LIFE 2014–2020)**

General publications | 25 April 2023 | European Climate, Infrastructure and Environment Executive Agency

How LIFE protects Europe's peatlands infographic

Peatlands infographic



General publications | 19 April 2023 | European Climate, Infrastructure and Environment Executive Agency

The future is green. The future is LIFE leaflet 2023

The future is green. The future is LIFE leaflet 2023



General publications | 23 March 2023 | European Climate, Infrastructure and Environment Executive Agency

LIFE Soil Ex-Post Study - Final Report

LIFE Soil Ex-Post Study - Final Report



Fast Facts

- LIFE has been supporting circular economy-related projects since 2014 through four funding windows and various selection, monitoring and review, leading to more than 4 000 interventions.
- LIFE has funded 200+ projects in the area of circular economy. These projects also built on the LIFE pre-selection programme that helped innovators gain access to investor and venture capital.
- LIFE has also supported projects that focused on green and environmental industries. And since 2018 has been providing new financing models for businesses.
- Several projects have increased their awareness of waste reduction or established new practices for generating revenue.
- There have been 100+ publications on LIFE.
- More LIFE solutions are established and available across the EU, leading to a PLUS effect.
- Over a billion tonnes of waste are not sent to landfill, saving 100 000 tonnes of CO₂ equivalent and 100 000 tonnes of water.



Pesquisa de publicações LIFE



Publicações LIFE Focus anteriores a 2020:

<https://wayback.archive-it.org/12090/20220917103619/https://ec.europa.eu/environment/archives/life/publications/lifepublications/lifefocus/index.htm>

ARCHIVED ON
18/12/18

European Commission
ENVIRONMENT
LIFE Programme

European Commission > Environment > LIFE Programme

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Home | Publications | LIFE programme publications | LIFE Focus

LIFE Focus

The LIFE programme's journal focuses on a variety of environmental and nature themes. The brochures published so far are classified by the three LIFE components.

LIFE-Environment

Themes featured include:

- LIFE and the marine environment
- LIFE greening jobs and growth
- LIFE and the Circular economy
- LIFE and Climate change adaptation
- LIFE and Climate change mitigation
- LIFE and air quality
- LIFE and Soil protection
- LIFE creating green jobs and skills
- LIFE's Blueprint for water resources
- Coastal management
- Resource efficiency
- Local authorities

LIFE's Blueprint for water resources

LIFE programme publications

- LIFE Factsheets
- LIFE Focus
- Best Projects
- Yearly compilations
- Natura 2000 newsletter
- General LIFE publications
- NGOs

LIFE Project Publications

Other publications on LIFE

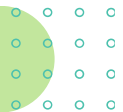
LIFE Videos

LIFE Products

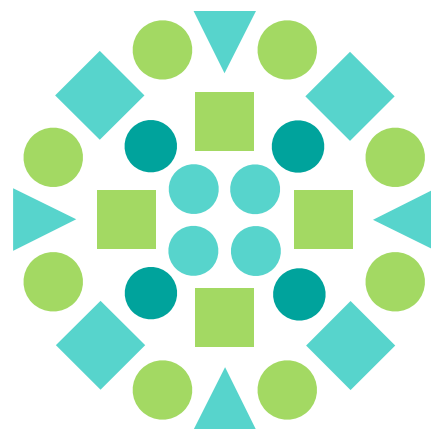
Ordering publications

LIFE 20 years

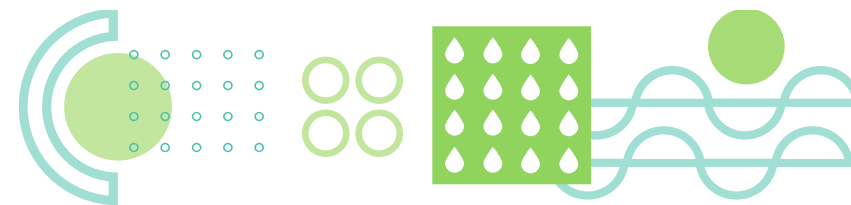




Secretaria Regional do Ambiente e Alterações Climáticas



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