

Within the scope of Adaptation to Climate Change financed by the EEA Grants Environment Programme, 23 projects were considered in this infographic:

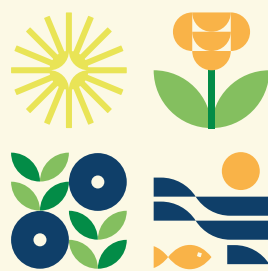
- National Roadmap for Adaptation 2100
- Management of the Ceira River Basin
- 17 projects to strengthen adaptation to climate change at local level
- 4 extreme weather preparedness and risk management projects in the context of climate change

These 23 projects were grouped according to the following themes, for which indicators and results will be presented.

- **Adaptation Policy at local level**
- **Adaptation Policy at National Level**
- **Pilot Projects**
 - **Riparian ecosystems**
 - **Terrestrial ecosystems**
 - **Urban ecosystems**

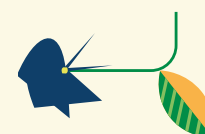
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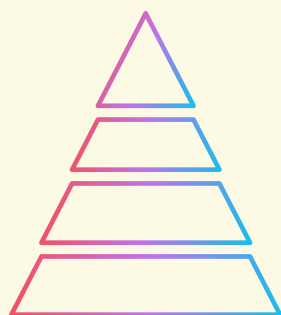


Increased
Climate Change
Resilience and
Responsiveness in
Targeted Areas

20-23 May 2024



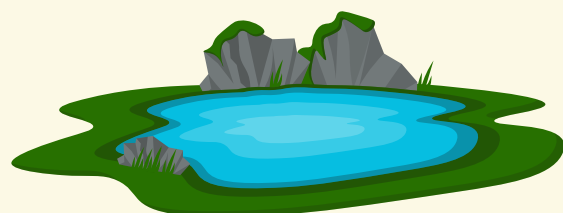
The overall results of the 23 projects were:



Financing of
Adaptation Policy at
National Level



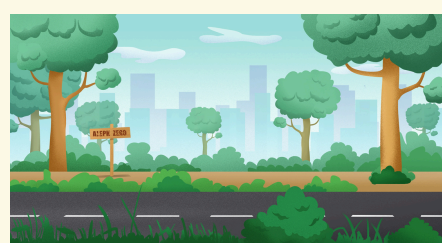
Financing of Adaptation
Policy at the Local Level



Financing Riparian
Ecosystems



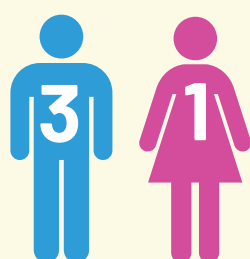
Financing Terrestrial
Ecosystems



Urban Ecosystem
Financing



Projects that include
Donor Country Partners



Jobs created in the context of
Adaptation

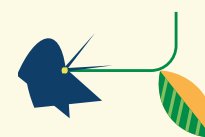
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Adaptation Policy at local level

Management of the Ceira River Basin

Improving resilience and responsiveness to climate change in selected areas, through concrete adaptation measures at local level.

Promoter

Portuguese Environment Agency (APA)

Partners

University of Porto, Faculty of Engineering (FEUP)

Arganil City Council

Góis City Council

Lousã City Council

Pampilhosa da Serra City Council

Norwegian Directorate of Civil Protection



Results

Manual of good river rehabilitation practices

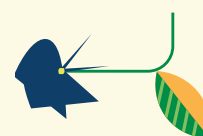
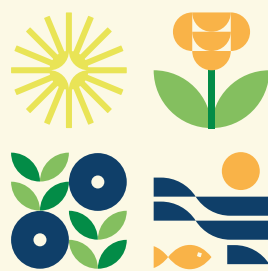
Adaptation measures guide

River watchers profile guide

Project value

€2,600,000





Adaptation Policy at local level

Climate Change Adaptation Strategies and Plans at a local scale

Integration of adaptation measures and actions into municipal and intermunicipal territorial management plans and sectoral policy instruments at a local scale.

This priority area aims to develop adaptation strategies and adaptation plans at a local scale, as well as the integration of adaptation measures and actions into municipal and inter-municipal territorial management plans and sectoral policy instruments at a local scale.

Municipal Strategy for Adapting to Climate Change in the Municipality of Almodôvar

Promoter: Municipality of Almodôvar

Project value: €56,968.54

Results: EMAAC Preliminary Study



Franc@d.Ptação

Promoter: Municipality of Vila Franca de Xira

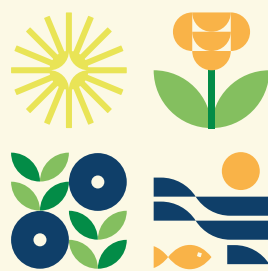
Project value: €162,050.18

Results: Municipal Climate Change Adaptation Plan

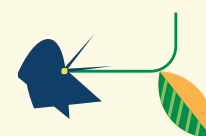
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Adaptation Policy at local level

Adapta.Local.CIMAC – Planning of Municipal Climate Adaptation of Central Alentejo

Promoter: Intermunicipal Community of Central Alentejo (CIMAC)

Partners: Center for Regional and Urban Studies and Development (CEDRU), International Development Norway

Project value: €225,325.00

Results: 14 Municipal Adaptation Plans



Climate Change Adaptation in Vila Nova de Poiares

Promoter: Municipality of Vila Nova de Poiares

Partners: Norsk institutt for luftforskning stiftelse (NILU)

Project value: €44,348.86

Results: Climate Change Adaptation Plan

Oeste Adapta – Municipal Climate Adaptation Planning in the West Region

Promoter: Comunidade Intermunicipal do Oeste (CIM Oeste)

Partners: Center for Regional and Urban Studies and Development (CEDRU), Vestlandsforskning (Western Norway Research Institute)

Project value: €233,640.00

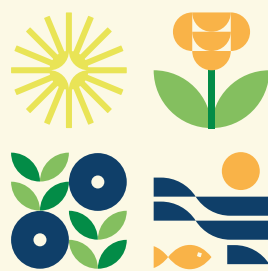
Results: 12 Municipal Adaptation Plans



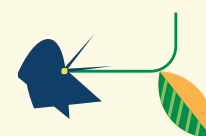
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Adaptation Policy at local level

Adaptation to Climate Change in Mértola Sectors of Security of People and Goods and Tourism

Promoter: Municipality of Mértola

Project value: €85,959.01

Results: Special Civil Protection Emergency Plan, Tourism Action Plan, Cultural Heritage Risk Management Plan, Municipal Civil Protection Emergency Plan



Strategic Plan for Rehabilitation of Water Lines (PERLA)

Promoter: Municipality of Mafra

Partners: E. Rio Unipessoal, Lda

Project value: €234,720.00

Results: Guide to Technical Guidelines for River Rehabilitation

Local Climate Change Adaptation Plans - Arrábida (PLAAC-ARRÁBIDA)

Promoter: Arrábida Energy and Environment Agency (ENA)

Partners: Sesimbra City Council, Palmela City Council, Setúbal City Council, Institute of Geography and Spatial Planning of the University of Lisbon, Faculty of Science and Technology of the New University of Lisbon

Project value: €165,289.63

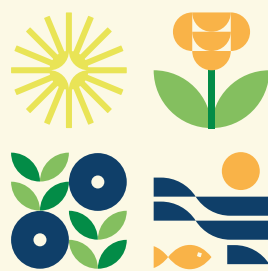
Results: 3 Adaptation Strategies to Climate Change



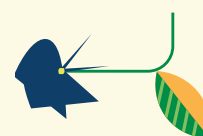
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Adaptation Policy at National Level

National Roadmap for Adaptation 2100

This project aims to define narratives of the evolution of vulnerabilities and impacts of climate change, as well as the assessment of investment needs for adaptation and socioeconomic costs of inaction.

Promoter

Portuguese Environment Agency, I.P. (APA)

Partners

Portugal's bank

General Directorate of the Territory

Faculty of Sciences of the University of Lisbon

Portuguese Institute of the Sea and Atmosphere

Norwegian Directorate of Civil Protection

Results

Stakeholder engagement

Climate projections and indices

Socioeconomic scenarios

Modeling sectoral impacts

Adaptation measures and costs

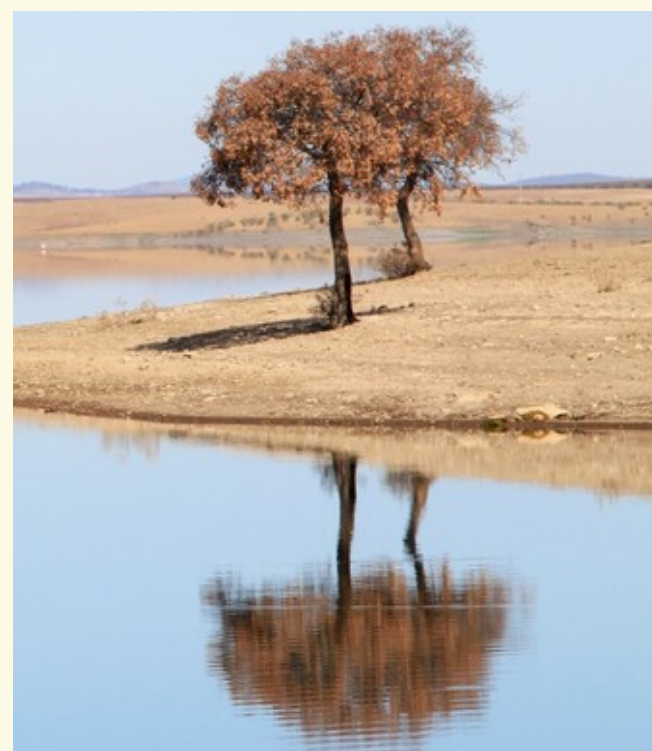
Macroeconomic impacts

Development of adaptation narratives

Communication and training

Project value

€1,300,000



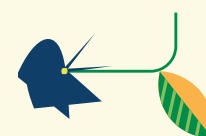
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Pilot Projects

This priority area aims to operationalize Climate Change Adaptation Strategies and Plans through the implementation of adaptation measures, applicable to the territory in question, and must be aligned with the vulnerabilities and measures identified in the Action Program for Adaptation to Climate Change (P- 3AC).

The projects are detailed in three typologies: Riverine, terrestrial and urban ecosystems.



Riparian Ecosystems

ReNaturAdapt – Renaturalize to Adapt

Promoter: Municipality of Loures

Project value: €237,920.32

Results: ReNaturRio Good Practices Guide



Living the Climate in Baixo Alentejo

Promoter: Intermunicipal Community of Baixo Alentejo (CIMBAL)

Partners: Alqueva Development and Infrastructure Company (EDIA)

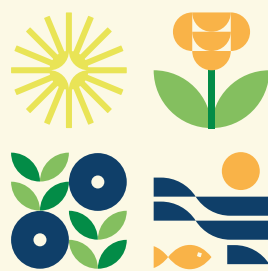
Project value: €199,641.85

Results: Manual for Sustainable Management of Roadsides

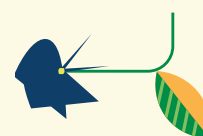
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Valorization and Rehabilitation Plan for Water Lines in the Municipality of Porto

Promoter: Water and Energy Company of the Municipality of Porto (CMPEAE)

Partners: Faculty of Engineering of the University of Porto, Municipality of Porto, APA, I.P.

Project value: €235,288.00

Results: Valorization and Rehabilitation Plan for Water Lines in the Municipality of Porto



Vila do Conde Riparian Galleries and Water Lines and Mindelo Ornithological Reserve

Promoter: Municipality of Vila do Conde

Project value: €197,293.97

Results: Hydraulic interventions and stream stabilization techniques

SOILING

Promoter: Polytechnic Institute of Bragança

Partners: MORE - Mountains Research Collaborative Laboratory, Faculty of Sciences of the University of Lisbon

Project value: €194,537.12

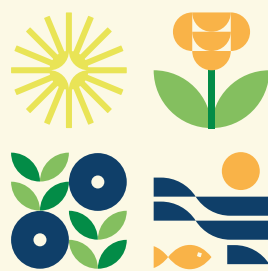
Results: Innovative natural-based solutions (SbN) for restoring ecosystem services



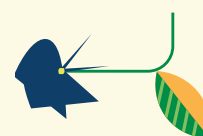
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Terrestrial Ecosystems

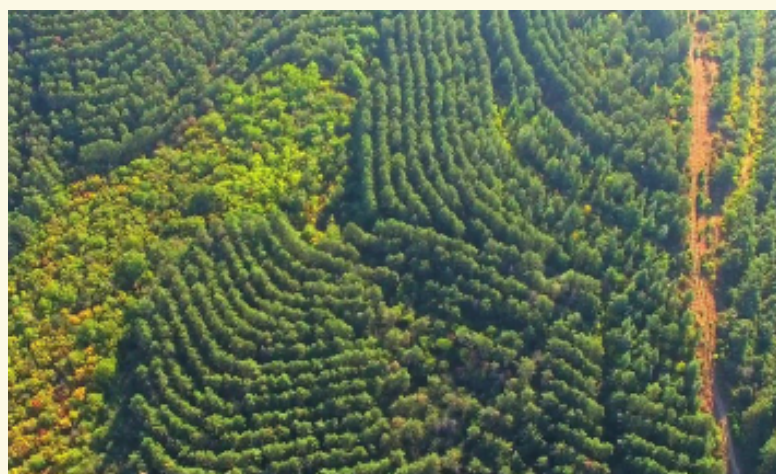
More Pollinators, More Biodiversity in the Municipality of Oeiras

Promoter: Municipality of Oeiras

Partners: Tagis - Butterfly Conservation Center of Portugal, BioDiversity4All, Miguel Filipe dos Santos Azevedo

Project value: €217,215.40

Results: Identification of habitats, monitoring of species



FoRES

Promoter: University of Aveiro

Partners: ForestWISE - Association for the Collaborative Laboratory for Integrated Forest and Fire Management, NIBIO - Norwegian Institute of Bioeconomy Research

Project value: €394,719.89

Results: Scientific production for fire simulations and scenario production

LandUnderPressure

Promoter: Faculty of Sciences of the University of Lisbon

Partners: Polytechnic Institute of Bragança

The Soil Conservation Service of Iceland

Project value: €297,099.65

Results: Increase resilience to climate change in cork oak forests



+SOLO+VIDA

Promoter: Mértola Heritage Defense Association

Partners: Guadiana Agricultural Cooperative, Natural Business Intelligence, University of Algarve, International Development Norway

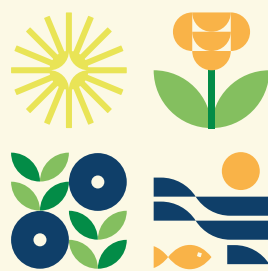
Project value: €343,501.34

Results: Good practice materials

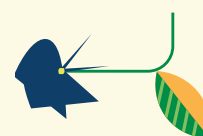
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Urban Ecosystems

CLIMA.AML - Metropolitan Weather Network - Advanced Weather Monitoring

Promoter: Lisbon Metropolitan Area (AML)

Partners: Center for Regional and Urban Studies and Development (CEDRU), BIOTEXT, Almada City Council, Lisbon City Council, Cascais Municipal Environmental Company (EMAC, S.A.)

Project value: €193,195.31

Results: online platform that analyzes, in real time, all data and information to support the monitoring and evaluation of meteorological data.



CUIDAR BRAGA II - Proteger a Natureza, Pessoas e Bens

Promoter: Municipality of Braga

Project value: €234,892.48

Results: Civil Protection Report, Air Quality Report

AAwK - Adaptation with Knowledge, Climate Change

Promoter: Algarve Intermunicipal Community (CI-AMAL)

Partners: Algarve Tourism Region, KS - the Norwegian Association of Local and Regional Authorities

Project value: €234,962.13

Results: Creation of a monitoring tool



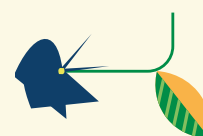
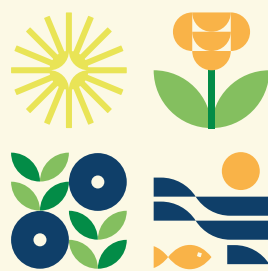
Além Risco

Promoter: Science Retreats, Lda.

Partners: Globalmoza Partnerships for Humanity, Lda. until 02/23/2022, Etnovum, Inovação Social e Ambiente, Lda.

Project value: €200,000.00

Results: Simplified Technical Manual



Indicators

Outcome 3 - Greater resilience and responsiveness to climate change in specific areas

Result (goal)

Number of people benefiting from the development of adaptation strategies

5 509 164 (**2 600 000**)



Percentage of habitat areas damaged by forest fires and recovered in the Ceira River Basin

49,9% (**30,0%**)



Number of hectares with reduced susceptibility to desertification

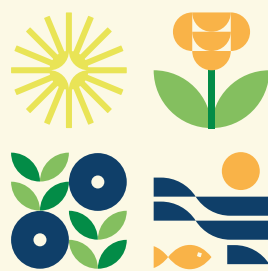
225 (**250**)



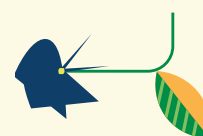
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Indicators

Result (goal)

Output 3.1 – Strengthening adaptation to climate change at local level

Number of target municipalities with adaptation plans developed

39 **(8)** ↑

Number of targeted municipalities that have implemented concrete measures in their adaptation plans

19 **(9)** ↑

Output 3.2 – Climate Change Vulnerability Assessment updated for territorial focus

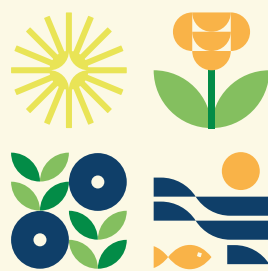
Number of Portuguese territories/regions included in the updated assessment

5 **(5)** ↑

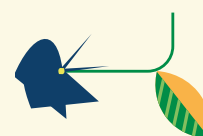
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Indicators


Result (goal)

Output 3.4 - Management of the Ceira River Basin adapted to climate change


Number of invasive alien species reduced

9 (5) 

Number of trained professionals

160 + 512 actions from the river watchers (160) 

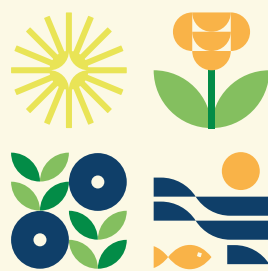
Output 3.5 - Pilot projects to combat desertification completed

4 (3) 

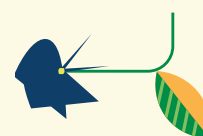
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Results of pilot projects

Riparian Ecosystems

- Manual of good river rehabilitation practices
- Adaptation measures guide
- River watchers profile guide
- ReNaturRio Good Practices Guide
- Manual for Sustainable Management of Roadsides

Urban Ecosystems

- Civil Protection Report
- Air Quality Report
- Simplified Technical Manual

Terrestrial Ecosystems

- Methodological protocol published in project reports and on the project website
- Report on local-scale collaborative restoration measures
- Report on collaborative restoration measures at the regional scale
- Development and dissemination of electronic books on collaborative restoration solutions
- Materials produced on good practices



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