

Adapta.Local.CIMAC

Planning Municipal Climate Change Adaptation in Alentejo Central

PRESENTATION OF THE PROJECT CANDIDATE TO THE 'ENVIRONMENT, CLIMATE CHANGE
AND LOW CARBON ECONOMY' PROGRAMME



ADAPTA.LOCAL.CIMAC

PLANEAMENTO DA ADAPTAÇÃO CLIMÁTICA MUNICIPAL
ALENTEJO CENTRAL

Project ID

Name of the project

- Adapta.Local.CIMAC – Planeamento da Adaptação Climática Municipal no Alentejo Central

Project promoter

- CIMAC – Comunidade Intermunicipal do Alentejo Central

Project partners

- CEDRU - Centro de Estudos e Desenvolvimento Regional e Urbano
- International Development Norway

Budget

- Total budget: 225.325,00 €
- Project grant: 191.526,25 € (85%)

Duration

- 24 months

Territorial scope

- Municipalities of Alandroal, Arraiolos, Borba, Estremoz, Évora, Montemor-o-Novo, Mora, Mourão, Portel, Redondo, Reguengos de Monsaraz, Vendas Novas, Viana do Alentejo and Vila Viçosa

Partnership



CIMAC

The Intermunicipal Community is a public entity with an associative nature that pursues interests common to the municipalities of the Alentejo Central region.

It is the project's leading entity ensuring general coordination, the management of the articulation process with the 14 partner municipalities, the operational management of the training programme for local adaptation to climate change and the institutional communication program.



CEDRU

CEDRU is a consulting company with extensive experience in planning adaptation to climate change, having coordinated the Intermunicipal Plan for Climate Change Adaptation in Alentejo Central.

It is the entity responsible for the technical-scientific coordination of the processes for the preparation of Municipal Plans and the technical training programme for local adaptation to climate change.



ID-Norway

International Development Norway is a spin-out of the SINTEF Foundation and specializes in consulting and project management services that require international cooperation.

It guarantees technical assistance in the technical training programme and the transfer of knowledge to the municipalities of Alentejo Central on climate adaptation and community awareness of climate change.

Other partners



Alentejo Central Municipalities

The 14 Municipalities of Alentejo Central will be partners in this project, collaborating in the development of their Municipal Plans for Climate Change Adaptation. They will also involve their staff in the training process and mobilize local stakeholders, as well as school communities, to participate in the planning and action processes for local adaptation to climate change.

Project mission



ADAPTA.LOCAL.CIMAC

PLANEAMENTO DA ADAPTAÇÃO CLIMÁTICA MUNICIPAL
ALENTEJO CENTRAL

Climate change is the most significant global challenge in terms of sustainable development and the greatest environmental threat of the 21st century. Its impacts will be critical, disruptive and demanding for communities, human activities and public policies, with intense and transversal consequences in the environmental, social and economic systems.

The answer to this Humanity challenge should be made at all scales and in all places. Through decarbonization, but also by adapting societies, economies and territories to a new climate.

Prepare the municipalities of Alentejo Central for climate change is an urgent challenge. A planning, training and mobilization challenge for climate action with social and territorial justice that guarantees intergenerational equity.

“

Let's be clear: human activities are at the root of our descent toward chaos. But that means human action can help solve it. Making peace with nature is the defining task of the 21st century. It must be the top, top priority for everyone, everywhere.

”

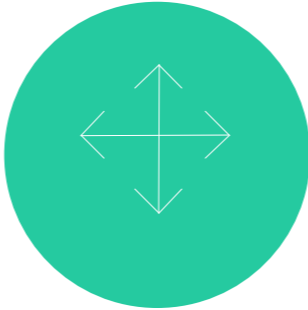
UN Secretary-General, António Guterres

Objectives



downscaling

Integrate the Intermunicipal Plan for Climate Change Adaptation in Alentejo Central at a municipal scale.



planning

Provide municipalities with an instrument for planning adaptation to climate change that increases local resilience.



training

Train municipal staff in the field of local climate adaptation.



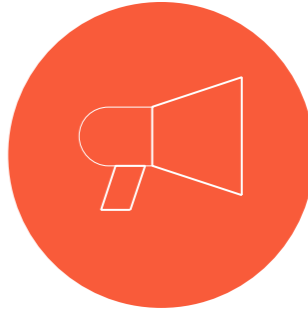
mainstreaming

Integrate adaptation to climate change into municipal policies, plans and strategies.



operationalize

Define the operational framework for adapting to climate change by 2030.



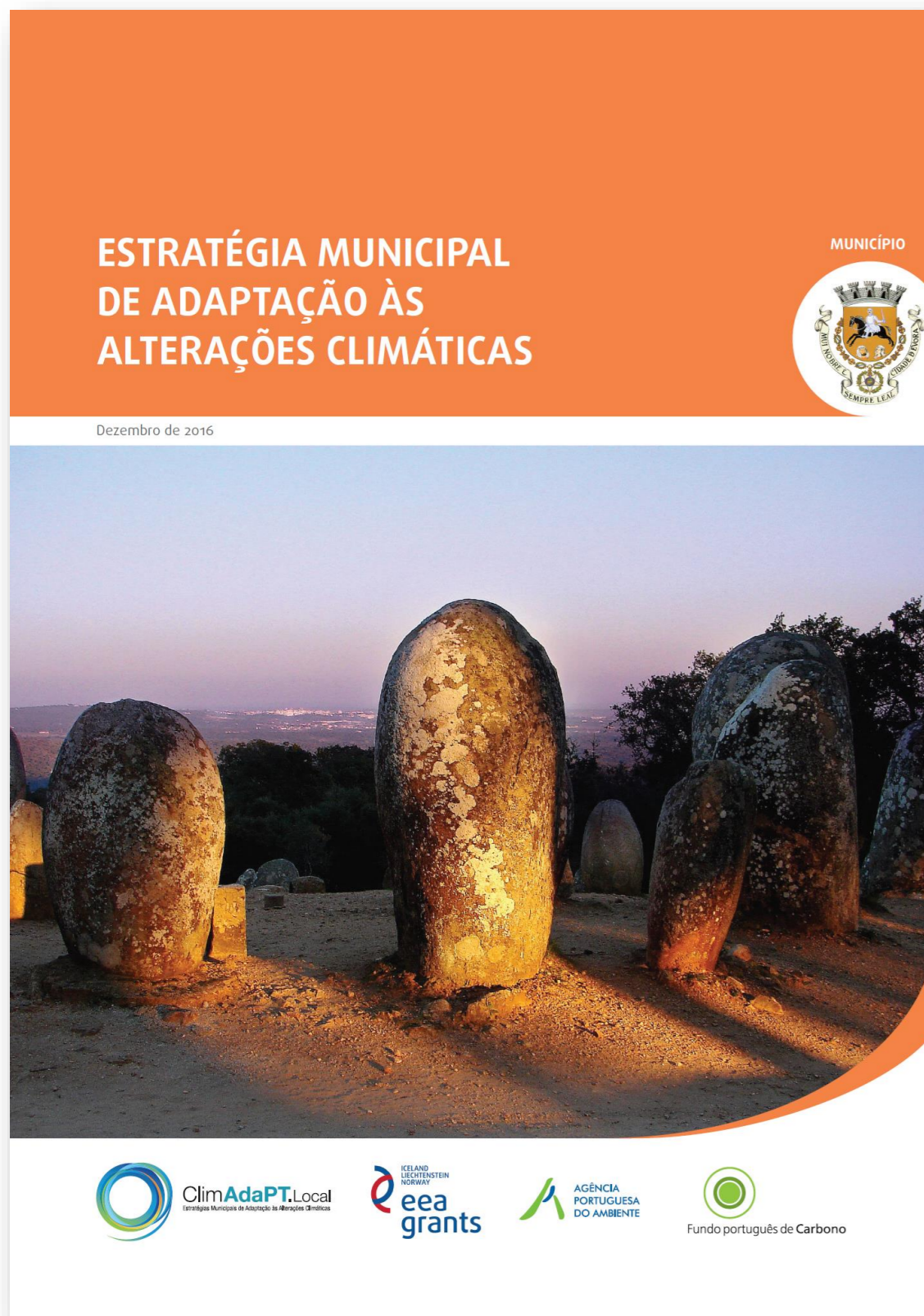
raise awareness

Increase the awareness of stakeholders, school communities and the population in general, to the challenges of climate change.

Background

Planning local adaptation to climate change

Since the National Adaptation Strategy (ENAAC, 2009), the local scale has been recognized as central to adapt Portugal to climate change given the eminently territorial nature of climate vulnerabilities.



20
16

Évora Municipal Strategy for Climate Change Adaptation

Developed within the scope of the ClimAdaPT.local project with funding from EEA Grants, it is one of the first municipal experiences of strategic planning for adaptation to climate change. It constitutes an inspiring experience for the project.

20
18

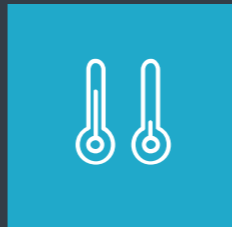
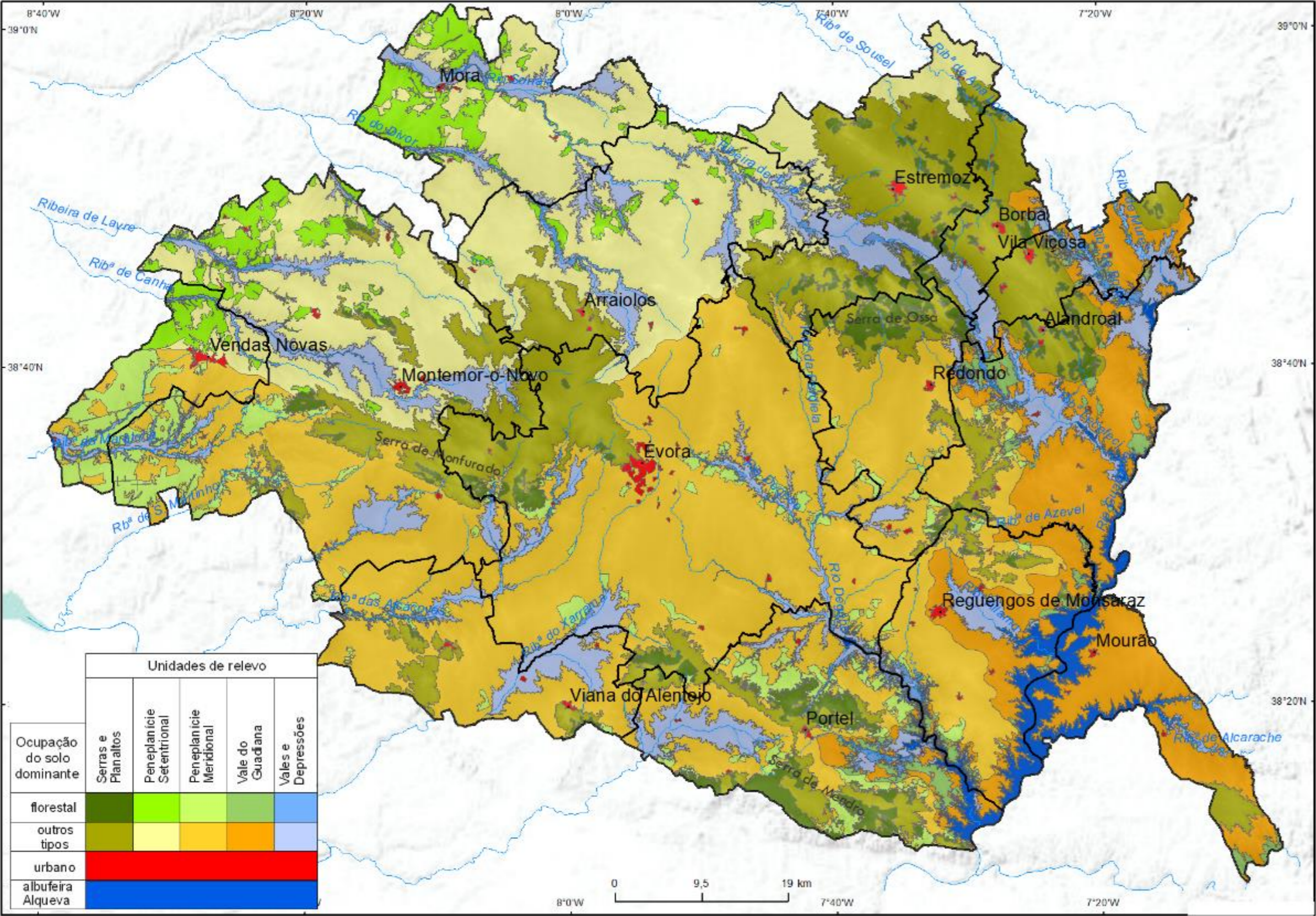
Intermunicipal Climate Change Adaptation Plan of Alentejo Central

Prepared by CIMAC with EU funding from POSEUR, PIAAC-AC aimed to increase knowledge about the phenomenon of climate change and to point out sub-regional and sectoral lines of intervention to reduce climate vulnerability. It constitutes an essential information base for municipal planning.

Changing climate

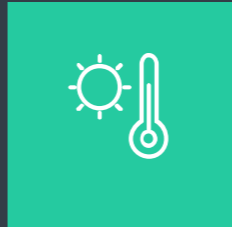
Evolution and scenarios

The analysis of the climatic evolution between 1971 and 2015, and the future climate scenarios for 2071 and 2100 elaborated in the context of the Intermunicipal Plan for Adaptation to Climate Change in the Alentejo Central evidence a climate marked by an increase in temperatures, an aggravation of extreme heat events and a reduction of precipitation.



Temperature

Increase of the average annual temperature between +1,5 °C and + 2,2°C.



Heat waves

Increase of the number of days in heat wave between +7 and +17 days.

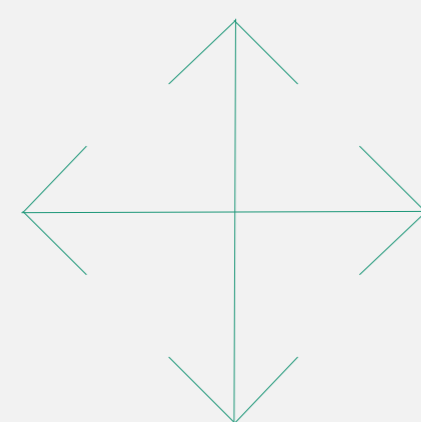


Precipitation

Reduction of average annual precipitation between -6% and -10%.

Project components

Municipal plans for climate change adaptation



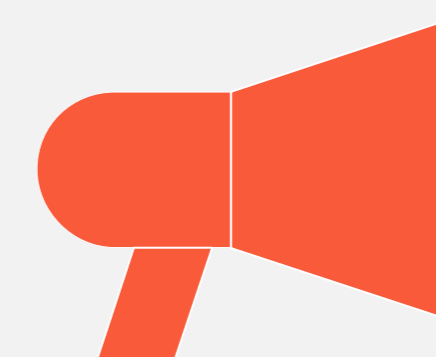
- Develop Climate Change Adaptation Plans in municipalities without a local planning instrument for adapting to climate change.
- Elaborate a Municipal Plan for Adaptation to Climate Change in a municipality (Évora) with a Municipal Strategy for Adaptation to Climate Change.

Training programme in planning and assembling climate change adaptation operations



- Conducting workshops and webinars for training municipal staff in the departments of urbanism, environment and civil protection.
- Conducting municipal training meetings with elected officials and staff from the departments of urbanism, environment and civil protection.

Regional and local awareness for climate change



- Conducting local adaptation councils, with the participation of local stakeholders and entities, and local junior councils with the involvement of school communities, to raise awareness and share knowledge about the challenges and measures related with climate adaptation.
- Regional seminars on local adaptation to climate change.

Municipal plans for climate change adaptation

MANAGEMENT AND MONITORING

- Management and accompaniment model
- Monitoring and evaluation system



MAINSTREAMING

- Integrating adaptation in municipal land use planning
- Local mainstreaming of adaptation



OPERACIONAL STRATEGY

- Local strategy for climate change adaptation
- Local adaptation action plan



REFERENCE FRAMEWORK

- Reference framework in climate change adaptation
- Climatic characterization of the municipality
- Climatic scenarization of the municipality



EVALUATION

- Climate risks
- Present climate impacts
- Climate sensitivity
- Adaptive capacity
- Present climate vulnerabilites



PROSPECTIVE

- Future climate impacts
- Future climate vulnerabilites
- Priority vulnerable territories



Training programme in climate change adaptation

MANAGEMENT AND MONITORING

- Webinar #6 Management, accompaniment and monitoring of local adaptation

WB 6

MAINSTREAMING

- Webinar 5# Integration of adaptation in local planning and adaptation mainstreaming

WB 5

OPERACIONAL STRATEGY

- Workshop #3 Local adaptation strategy and planning
- Technical municipal meetings

W3 3

RT 1

REFERENCE FRAMEWORD

- Workshop #1 Methodology to develop municipal adaptation plans

WS 1

EVALUATION

- Workshop #2 Climate scenarios, risks and impacts
- Webinar #1 Evaluation of climate sensitivity
- Webinar #2 Evalation of adaptive capacity

WS 2

WB 1

WB 2

PROSPECTIVE

- Webinar #3 Evaluation of future climate impacts and vulnerabilities
- Webinar #4 Identification of priority vulnerable territories

WB 3

WB 4



Regional and local awareness for climate change

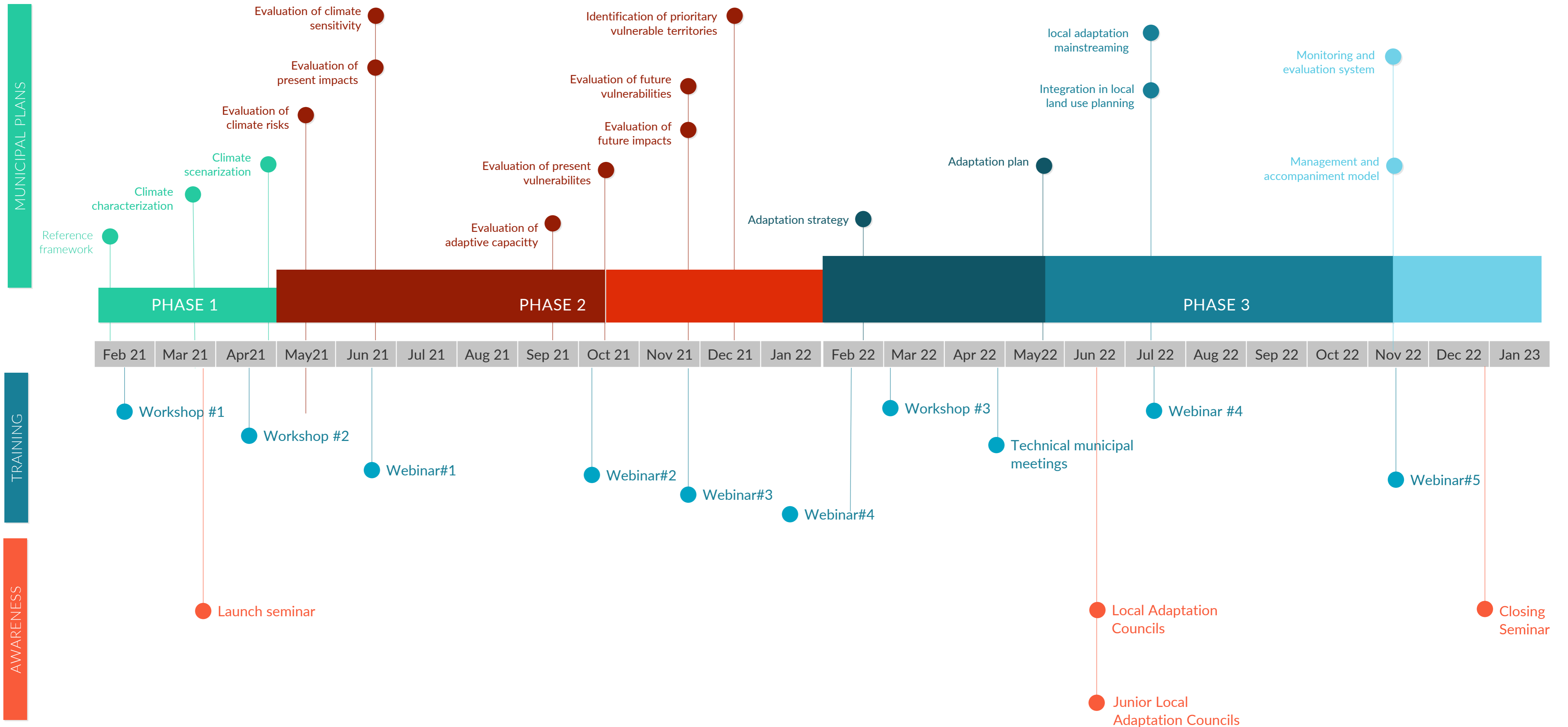
- **Closing Seminar – Local adaptation in Alentejo Central.** Presentation of municipal adaptation plans and action programs for 2030.
- **Junior Local Adaptation Councils.** 14 municipal sessions with secondary school students to raise awareness of the impacts of climate change and discuss local adaptation measures and actions.
- **Local Adaptation Councils.** 14 sessions with local civil society organizations to raise awareness of the impacts of climate change and discuss local adaptation measures and actions to be adopted.



- 1 • **Project website.** Platform for permanent communication of the project and dissemination of information on the impacts and vulnerabilities of climate change in Alentejo Central and the measures and actions to be adopted.
- 2 • **Launch seminar.** Presentation of the project and planning practices and adaptive climate action at the local level.

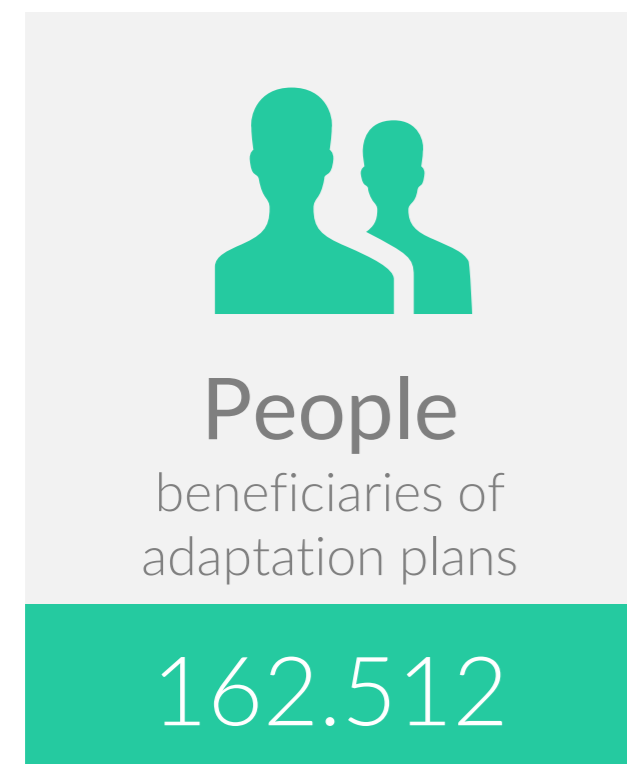
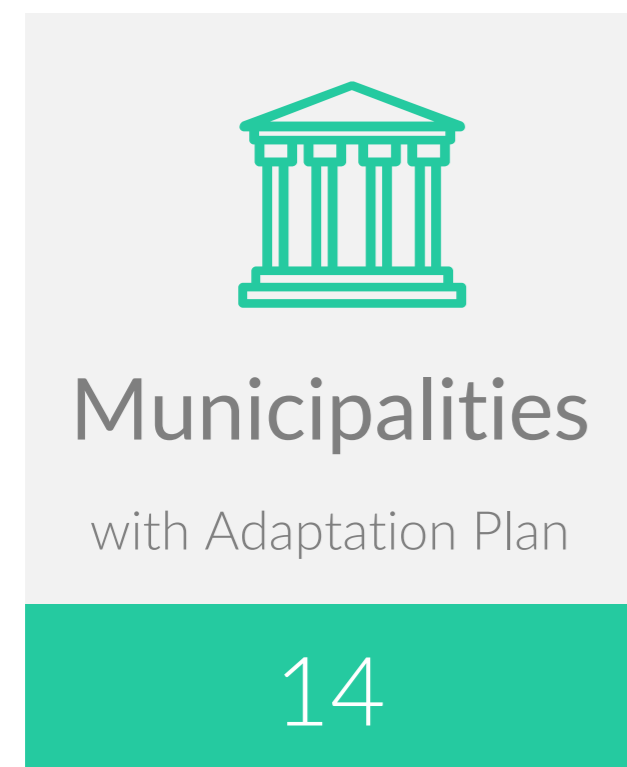


Implementation programme

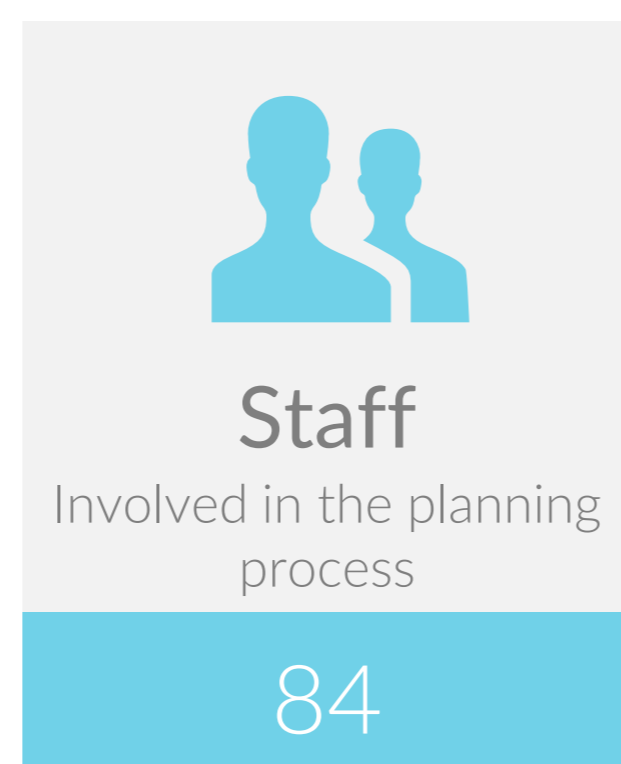
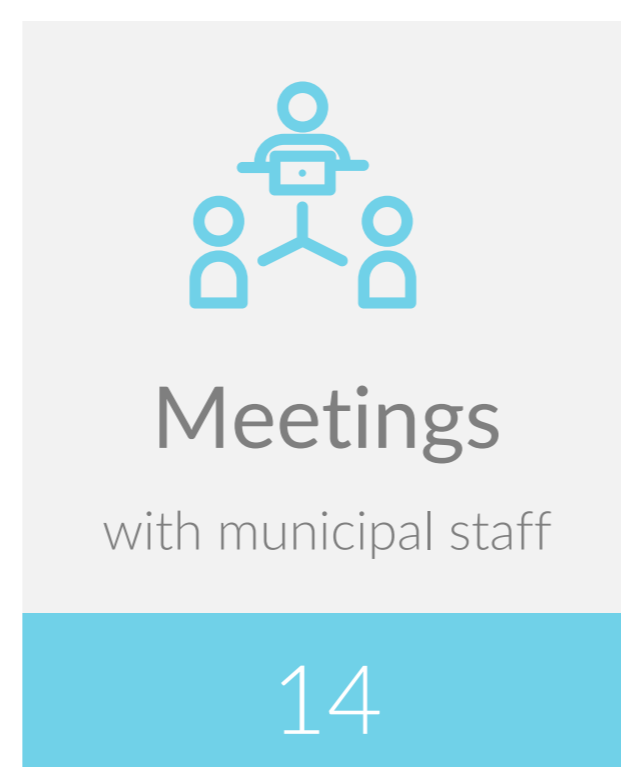


Results

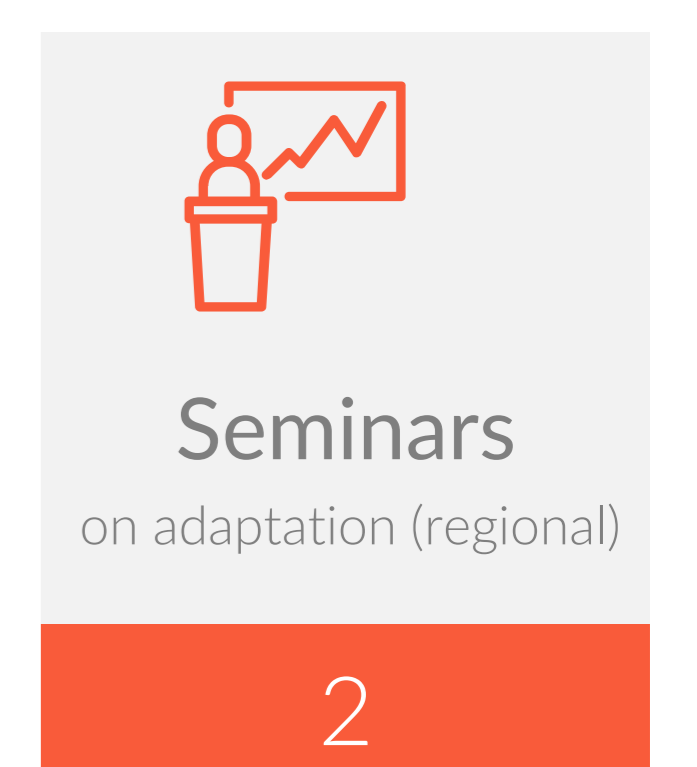
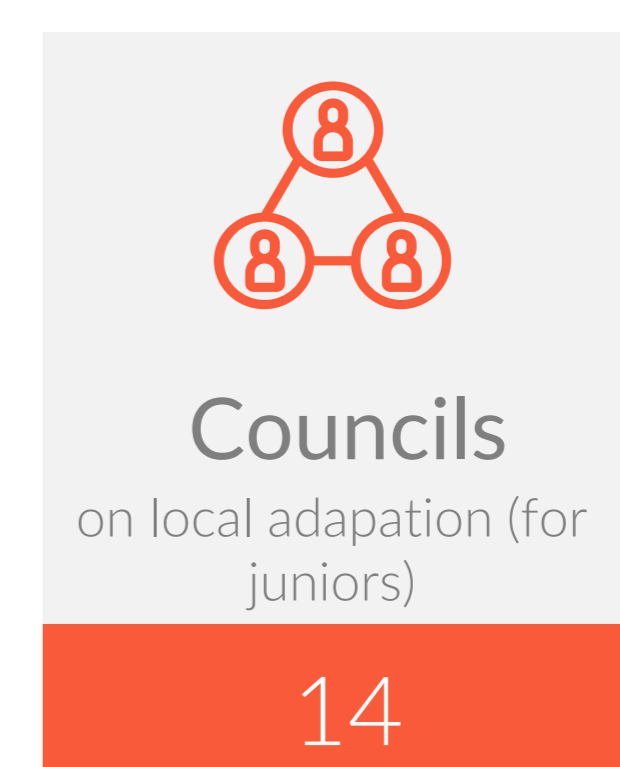
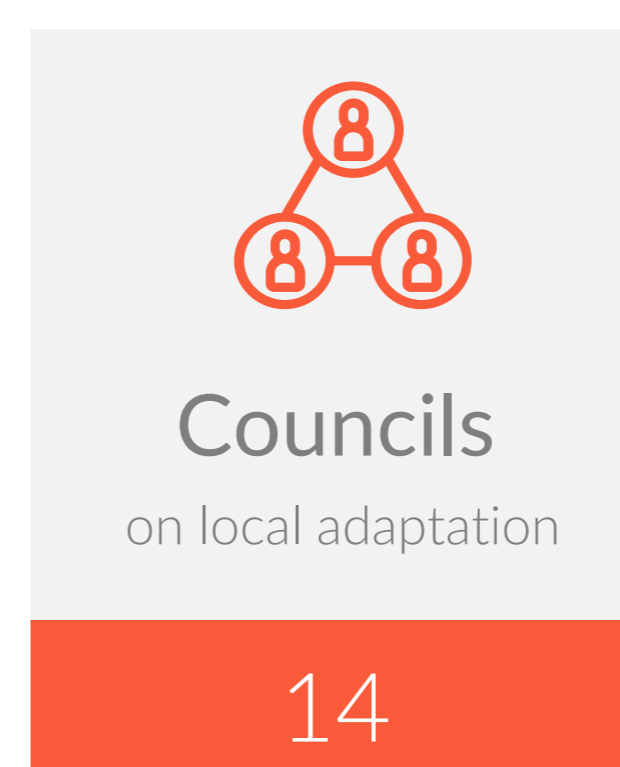
Planning



Training



Awareness



Iceland
Liechtenstein
Norway grants

Adapta.Local.CIMAC

Planning Municipal Climate Change Adaptation in Alentejo Central

