

COMMON METHODOLOGY FOR THE DEVELOPMENT OF SUSTAINABLE ENERGY AND CLIMATE ACTION PLANS IN EUROPEAN MUNICIPALITIES



ADAPTtoCLIMATE _ April 2021

The Covenant of Mayors



Priority action
in the EU
Action Plan for
Energy
Efficiency

2006

Launch of
the Covenant
of Mayors

2008

Adapt

Launch of
Mayors Adapt

2014

-40% CO₂
by 2030

Adapt

Setting new
commitments

2015



LIFE ADAPTATE - LIFE16 CCA/ES/000049

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➤ **PROJECT LOCATION:**

Latvia – Smiltene

Portugal – Alfândega da Fé, Mértola

Spain – Cartagena, Lorca, Águilas

➤ **BUDGET INFO:**

Total amount: 3,214,997 €

% EC Co-funding: 1,763,487 €

➤ **DURATION:** Start: 01/09/2017 - End: 30/09/2021

➤ **PROJECT'S IMPLEMENTORS:**

Coordinating Beneficiary: Instituto Fomento Región de Murcia (INFO)

Consulting firms: Ekodoma Ltd. EuroVértice Consultores S.L.; IrRADIARE,

Municipalities: mentioned above

Scientific partner: Murcia region Climate desk



OBJECTIVES & SCOPE:

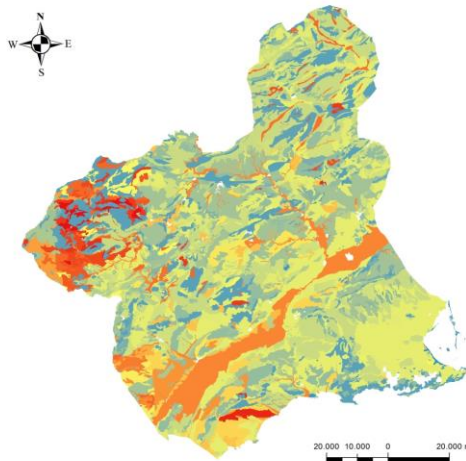
The main **objective** of LIFE ADAPTATE is to contribute to **the improvement of climate policy and legislation at local level** in the EU, specifically the process of design and implementation of **local adaptation policies**, its coordination with mitigation actions and the adaptation of local policies to climate change challenges.

The **key actions** needed to achieve these objectives are:

- To support the process of **development and implementation of SECAPs in 6 municipalities** in 3 different countries.
- To carry out **pilot activities** related to climate change adaptation at local level.
- To support the process of **adaptation of local policies to climate change challenges**.
- To develop **training and communication** materials, guidelines, tools and activities to be able **to replicate and transfer** effectively the project achievements.

1, PREPARATORY ACTIONS

- ▶ Preparatory actions in target municipalities
 - ▶ Public participation: protocols and user guides
 - ▶ Registration in CoM for climate and energy
- ▶ Demonstrative tools aimed to assist the development of local strategies
 - ▶ High precision cartography in coastline areas
 - ▶ Report on sea level rise tendencies (Murcia costline)
 - ▶ Survey on urban heat island effect in municipalities
 - ▶ Assessment of carbon storage in the soil



2, PILOT ACTIONS

- Development of pilot actions: examples of sustainable adaptation to Climate Change in urban areas
 - **Design** of pilot actions in each municipality
 - Management of the required **permits & authorisations**
 - **Implementation** of pilot actions
- Águilas: Actuations on the cycle lane of the town to protect users from the heat waves plus pumping irrigation system from the nearby sewage treatment plant (PV powered).



- Lorca: sunshades above pedestrian áreas in historical & commercial city center.



- Cartagena: green urban ring with equipment for solar protection to pedestrian, runners, cyclers...



- Smiltene: recuperation of an artificial lake in the nearby of town center to prevent flood risks



- Alfandega: creation of a natural lagoon and a green ring with a view to fight against forest fires

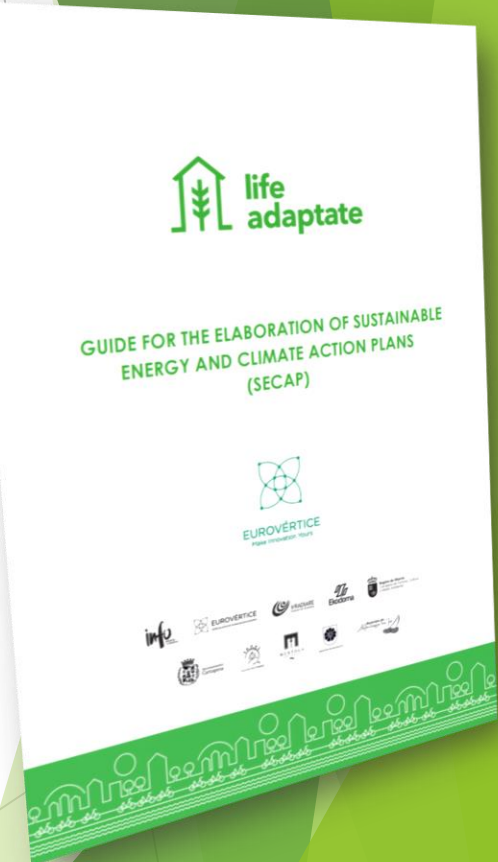


- Mertola: PV equipped & green roofs in urban streets (native plants of the region)



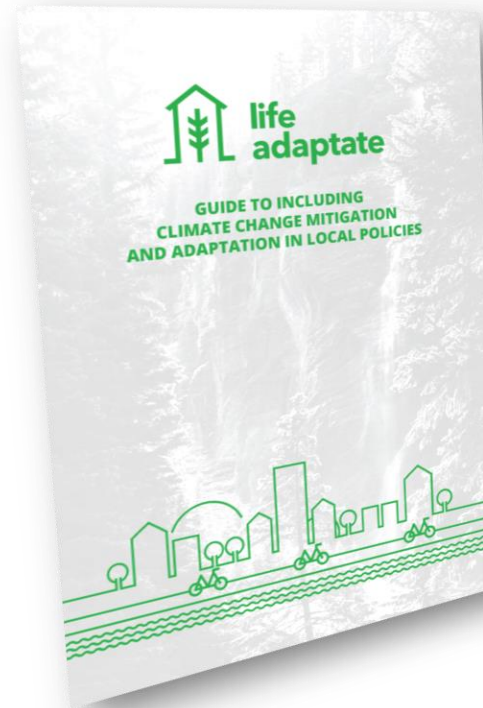
3, DEVELOPMENT, APPROVAL AND IMPLEMENTATION OF LOCAL ADAPTATION PLANS (SECAPs)

- ▶ Analysis and adoption of **climate change scenarios**
- ▶ Assessment of **risks and vulnerabilities** per municipality
- ▶ SECAP preparation: **selection of adaptation measures** more appropriate to the target municipality
 - ▶ Preparatory meetings with experts
 - ▶ Public participation event
 - ▶ Presentation of results
- ▶ **Approval** of SECAP by local council
- ▶ **Implementation of measures** as foreseen
In the SECAP



4, ADAPTATION OF LOCAL POLICIES TO THE NEEDS OF CLIMATE CHANGE ADAPTATION

- ▶ Development of users guides for local technicians
- ▶ Technical seminars in parallel to the participatory process
- ▶ Draft Ordinance regulating the integration of climate change in urban planning authorisation



5, COMMUNICATION & NETWORKING

- Communication Plan: Web site, brochure, promotional posters, roll-ups
- Participation in European congresses: ECCA Lisbon 2019, EUSEW 2019, EU Green Week 2020 & 2021, ECCA Brx 2021
- Networking with other LIFE projects on Climate
- Didactic Unit for scholars
- Technical seminars



TO KNOW MORE ...

<http://lifeadaptate.eu/>



6, TRANSFER & REPLICATION



LIFE URBANPROOF
CLIMATE PROOFING
URBAN MUNICIPALITIES

At your disposal
many thanks !!



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