Public-private partnership through Corporate Social Responsibility (CSR)

With the collaboration of 30 companies involved in the LIFE CityAdaP3 project, we have exceeded the target of 200,000 euros for local adaptation to climate change.

The public-private partnership model based on CSR adopted by the LIFE CityAdaP3 project has proven to work, as not only have the initial pilot actions been carried out, but thanks to the funding of local companies, each city council has carried out a second action of municipal adaptation to climate change.

In addition, the project has achieved its replication objectives, mentoring 12 municipalities in Spain and Italy.

This project has been carried out with the financial support of the European Union in the framework of the LIFE programme. The contents are the sole responsibility of the LIFE CITYAdaP3 project and can under no circumstances be regarded as reflecting the position of CINEA, nor can CINEA be held responsible for any use which may be made of the information contained therein.

COLLABORATING COMPANIES:

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REGGIO EMILIA (ITALIA)

Supporters of the pilot actions through liberal donations

TIL srl **REIRE srl** **L'OVILE srl** **IREN spa**

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LIFECITYADAP3

Adaptation to climate change in the urban environment
MOLINA DE SEGURA

Reforestation with better adapted native species and the establishment of sustainable urban drainage systems (ditches and infiltration wells) in Nelson Mandela Park to reduce the peak flow of heavy rainfall. Drafting of two innovative projects, on the one hand an Urban Green Path, shaded and wooded, with plant species adapted to the area, which is being implemented in part within the Mobility Plan of the City Council, and on the other hand, an Ecological House and Bioclimatic Classroom project, as a demonstrative action of sustainable and energy efficient construction. The drafted projects provide added value for the municipality.

2º PILOT ACTION

Actions in the Panderón Park.

New trees, to provide shade, as a measure to adapt the park to the effects of climate change, specifically around 35 trees.

Climate change-adapted multimodal and cycling platform
ALCANTARILLA

Pedestrian walkway formed by modular concrete paving with a high drainage capacity. The cycling platform, built using continuous porous concrete paving for outdoor use, incorporates photoluminescent aggregate, floodable flowerbeds with native species and wooden structures to reduce the heat island effect.
The porous concrete of the platform has proven to be rain resistant, with a high drying speed, which makes it more resilient. Climbing plants have been placed next to the wooden structures to increase the shaded area.

2º ACCIÓN PILOTO

Vegetated roof to reduce energy consumption.

The roof of a Local Development Agency has been waterproofed, and different species have been planted on it. Data will be collected on rainwater use, irrigation, as well as the temperature inside the building and outside.

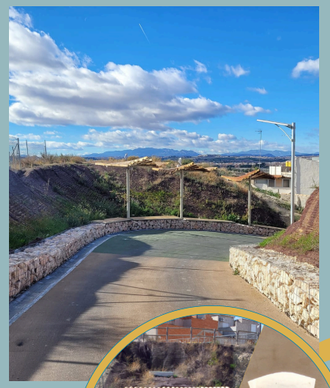
«Climate friendly» parks
REGGIO EMILIA (ITALY)

The 1st pilot action, with the contribution of Til srl, carried out urban forestation interventions in 4 parks to combat heat islands and “bring nature back to the city” with the experimental introduction of “Miyawaki” microforests, field hedges, polyphytic meadows, a semi-humid area and the shading of the most used areas, defining a new model of adaptive park, replicable at a local and European level

2º ACCIÓN PILOTO

Redevelopment of Piazza del Popol Giost with adaptive criteria

The 2nd pilot action plans to transform a car park in the historic center into a meeting space created with criteria for adapting to climate change, with a strong green component, de-sealing interventions and a misting system to guarantee climate comfort, thanks also to the support of three local companies: Reire srl, L'Ovile srl and Iren spa.



Headlands Rehabilitation
LORQUÍ

Rehabilitation of the cave house "Las Trillizas" by means of an innovative, economical and easy to replicate solution, as well as the refurbishment of the Cuesta del Catecismo street, replacing concrete walls with gabion walls, and the shotcrete on slopes with geocells and native plants, and the refurbishment of the Cabezo de la Ermita viewpoint and its accesses.
The temperature in the cave house remains stable throughout the year, proving to be a house adapted to the climate and efficient in cooling. The re-naturalisation of the Cuesta del Catecismo street has proved to mitigate the extreme temperatures in summer.

2º ACCIÓN PILOTO

Miyawki micro-forest of semi-arid climate in the S sector

It aims to introduce biodiversity without the help of man, with the concentration of native plants with different characteristics, so that they compete for light and grow upwards at the same time.