

# ABOUT NatUR-W



NatUR-W is regenerating Barrios Altos, a neighborhood in Lorca's historic centre, to combat energy poverty and the inefficient use of natural water resources in the face of climate change and rising temperatures.

The project's new urban regeneration system uses self-sustaining nature-based solutions (NbS) that respect the natural water cycle in the area.



Actions include improving energy efficiency of social housing and public buildings, and creating green areas that can act as bioclimatic shelters. In this way, NbS will help improve living conditions, providing Ecosystem Services (ES) and supporting the recovery of the historic city centre.



## PROJECT PARTNERS



Urban Authority: Lorca City Council

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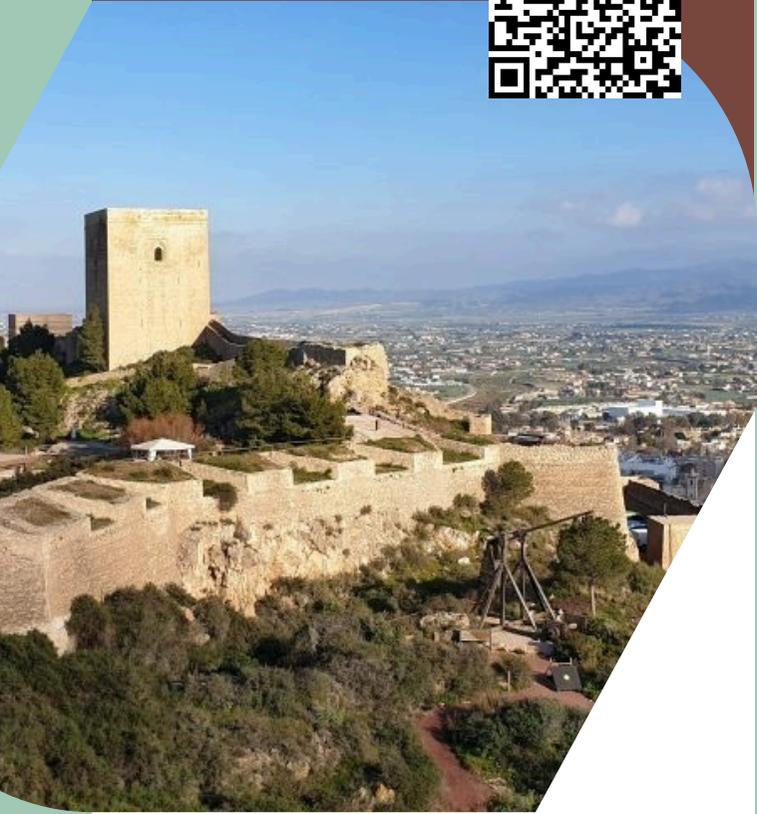
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NatUR-W

## Nature-based Regeneration through Water: Integrating the water cycle in urban renaturalization

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01 March 2024 -  
31 July 2027



4,779,752.00 €  
Total ERDF budget



Lorca, Spain EU Cohesion Policy Objective  
Europe closer to citizens



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# OUR CHALLENGES



## CLIMATE CHANGE ADAPTATION AND MITIGATION

The local semiarid climate means summers are very hot. The region is seeing an increase in temperatures and the frequency of extreme heat waves.



## WATER SCARCITY

Rainfall in the area is usually torrential, falling mostly within a few days in spring or autumn, and water resources are limited. This makes it increasingly difficult to maintain healthy green spaces that can act as shelters.



## ENERGY POVERTY

Barrios Altos has fallen into major disrepair. 60% of dwellings are reported to be in a dilapidated, bad or deficient state, with many households facing energy poverty. 50% of households say they are unable to keep their homes cool enough in summer.

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# 3 KEY ACTIONS



NatUR-W is focusing on three key actions:

1. The creation of a new green space on previously unused land.
2. The renovation of the interior of an old prison building.
3. The rehabilitation of three social housing dwellings for vulnerable citizens.

