



ADAPTATION



LOCAL ADAPTATION WITH NATURE- BASED SOLUTIONS

MURCIA MUNICIPALITY, SPAIN

Several potential nature-based climate solutions have been identified, including the creation of green roofs, community gardens and the integration of greenery into ongoing street and public space renovation projects, which can support the city in climate adaptation. Demonstration actions were selected to showcase the importance and the feasibility of integrating urban nature into landscaping and infrastructure projects and address climate challenges. The measures were consulted and implemented together with different municipal departments to raise their awareness and build capacities.



HAZARDS ADDRESSED

- Extreme heat, droughts, and water scarcity
- Heavy precipitation and flooding
- Climate change health impacts



SOLUTIONS

- Awareness-raising
- Educating
- Capacity-building



FUNDING

- Local government's own funds
- National grants
- EU/International grants

STATUS OF MEASURE





DIRECT BENEFITS

- Review of plans and projects and creation of a cross-departmental NBS working group.



CO-BENEFITS

- Increased understanding of the need for nature-based climate solutions across municipal Departments.



STAKEHOLDERS ENGAGED

- Different Municipal Departments were involved in the identification and the implementation of the demonstration projects with the aim to raise their knowledge about climate change.
- Discussion with the recently elected Mayor, Municipal Heads and technicians were also started to identify relevant plans and strategies which can integrated nature-based climate approaches to address urban challenges.



NEXT STEPS TO PROGRESS AND/OR UPSCALE THE MEASURE:

As a result of the Policy Support Facility programme, the municipal departments recognised the need to address climate change adaptation across the different departmental responsibilities. This requires changes in the legislation, building climate adaptation knowledge/capacity across various departments and improving cross-departmental cooperation to enable regular and more efficient collaboration on climate change.

The regular meetings of the already established Climate Change Table/Committee can support the Climate Change Department in these efforts. In addition, they also identified the need to review several existing strategies, regulations and urban plans to integrate NBS climate adaptation approaches.