



ANDALUSIA, SPAIN

The Andalusia Region is strengthening climate resilience by empowering local action, enhancing governance, and building awareness. With support from the EU Mission on Adaptation to Climate Change, it is advancing practical solutions to accelerate adaptation across all levels.

EU MISSION IMPACT

As a Mission Charter Signatory, the Andalusia Region has deepened its climate adaptation leadership with comprehensive support from MIP4Adapt's technical assistance. Through tailored technical assistance, the region strengthened its regional planning, developed a practical funding guide to support municipal adaptation efforts, and enhanced citizen and stakeholder engagement through training and events.

This collaborative and strategic approach is equipping Andalusia to scale local climate action, build institutional capacity, and inspire further innovation across the region and beyond.

“

The flexibility of the technical team and the practical value of the guide developed during the technical assistance really stood out. We also appreciated the involvement of our climate ambassadors in the 1st Andalusian International Congress on Climate Change, as well as the support provided in shaping our communication plans.

INMACULADA TOLA

Head of Andalusian Climate
Change Office, Junta de Andalucía

”

REGIONAL PROFILE

Andalusia is the southernmost autonomous community of mainland Spain, covering more than 87,000 square kilometres and home to over 8 million people. With its diverse geography, ranging from coastal areas along the Mediterranean and Atlantic to mountainous inland regions, Andalusia is particularly vulnerable to climate impacts. The region is characterised by hot, dry summers and irregular rainfall patterns, placing growing pressure on water resources, agriculture, ecosystems, and urban resilience. Rich in cultural heritage and biodiversity, Andalusia is also a key agricultural hub for Spain and Europe.

CLIMATE CHALLENGES

Andalusia faces mounting climate pressures due to rising temperatures, prolonged droughts, desertification, and increasingly unpredictable rainfall. The region regularly experiences extreme heat, with summer temperatures often exceeding 40°C, which poses significant risks to public health, agriculture, and water supply. Water scarcity is a critical concern, affecting both rural and urban areas, while declining river flows and groundwater levels threaten biodiversity and ecosystem stability. Coastal areas are also vulnerable to sea level rise and erosion.

SOLUTIONS

Andalusia is strengthening its climate adaptation planning through a mix of strategic tools, institutional capacity-building, and public engagement. The region co-developed a “Practical Guide for Climate Adaptation Financing in Andalusian Municipalities,” a hands-on resource designed to help local governments identify funding opportunities, structure projects, and align proposals with eligibility criteria. This guide has been officially endorsed by the regional government and now serves as a reference for municipalities across Andalusia.

In parallel, Andalusia worked to boost interdepartmental collaboration and stakeholder engagement. Through targeted workshops and training sessions, staff from multiple departments enhanced their capacity to design effective communication campaigns and public awareness initiatives. A regional community event, held as part of the International Congress on Climate Change in Jerez, spotlighted the role of citizen engagement and participatory approaches in advancing adaptation. Together, these efforts have laid the groundwork for a more coordinated, inclusive, and well-resourced climate adaptation strategy across the region.



OUTPUTS

Andalusia's collaboration with MIP4Adapt led to the publication of a practical Guide, accompanied by templates, annexes, and step-by-step tools to support local adaptation planning. The Guide is currently being actively disseminated both within the Junta and across other administrative levels, including provincial and municipal actors. It was presented, for instance, during the Adaptation Day hosted by the Diputación de Granada, and further dissemination is planned through upcoming regional stakeholder events. Although tailored to Andalusia, the Guide can also be used by municipalities across Spain as a practical tool to support climate adaptation project development and funding.

In addition to the Guide, applied training sessions were delivered to strengthen staff capacities in stakeholder engagement and campaign design. A cross-departmental workshop brought together teams from six Junta departments to develop climate awareness strategies aligned with the Andalusian Climate Action Plan. The region also co-organised a Mission-supported roundtable on citizen engagement during the International Congress on Climate Change in Jerez, helping amplify community perspectives in adaptation discussions.

LESSONS LEARNED

Focusing on a practical tool, like the funding guide, proved more valuable than launching a new demonstration project. This approach better matched regional priorities and created a foundation for training municipalities to design adaptation projects that are both resilient and eligible for upcoming funding opportunities, whether through Andalusian subsidy schemes or national and EU-level sources. The experience also underscored the value of cross-departmental training and stakeholder engagement in building momentum for long-term adaptation planning.

