

# Climate Itineraries in Cornellà de Llobregat



## Background

- Cornellà de Llobregat, located near Barcelona, is experiencing increasingly frequent episodes of extreme heat due to climate change. This urban challenge has pushed the city to rethink its infrastructure and public space planning to ensure accessibility and resilience. The Climate Itineraries initiative focuses on designing mobility corridors adapted to extreme weather conditions. These pathways connect critical services (schools, healthcare centres, and social venues) while providing shelter, shade, and rest zones.
- The project is supported by the city council and framed under the "15-minute city" vision, aiming to reduce car dependency and ensure residents can access essentials within a short walk or bike ride, even during high temperatures.



## Key Activities

- Mapping of vital public spaces and community services.
- Identification of vulnerable populations (e.g., elderly, children).
- Designing and constructing shaded, accessible, and well-equipped urban corridors.
- Community engagement through participatory planning.

## Impact

- Improved comfort and safety during extreme heatwaves.
- Increased pedestrian and bike use among residents.
- Strengthened resilience planning and urban accessibility.
- Raised awareness of climate adaptation in public space design.

## Challenges & Solutions

**Challenge:** Retrofitting existing infrastructure.

**Solution:** Used modular and cost-effective interventions like portable shading, water stations, and tree planting.

## Tips for Similar Projects

- Prioritise neighbourhoods with the highest climate risk.
- Involve local residents in co-design to ensure relevance.
- Use climate data to identify stress zones.
- Combine short-term and long-term interventions.

## Identified Limitations/Weaknesses

- Limited budget for full implementation across the entire city.
- Some areas are harder to adapt due to urban density and lack of green space.

## Resources/Links

- [Climate Itineraries in Cornellà](#)

## Partners



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