

## Cartagena – Smart Urban Mobility

### Headline

Cartagena develops interactive 3D city twin for cleaner, safer mobility

### Text

*Would you like to see at a glance which route in Cartagena is faster, less congested and better for air quality?* The City of Cartagena is developing an interactive 3D digital twin that brings together real-time information on mobility, environmental quality and traffic regulations.

Citizens and visitors will be able to use their mobile phones to explore live data layers such as low-emission zones, air quality and pollution, traffic density, congestion hotspots, and points of interest including mobility hubs, public services and cultural landmarks. They will be able to plan multimodal routes, consult public transport itineraries and understand where restrictions and crowding apply at any moment, helping them make safer and more sustainable travel choices.

For the city administration, the same platform will offer real-time monitoring of mobility patterns and environmental indicators, and support clear guidance during rush-hours and major events. By making rules and impacts visible and understandable, Cartagena aims to improve compliance with low-emission and traffic regulations and promote a shift towards cleaner, more efficient transport options.

SENSE is a European project that helps cities build lifelike 3D “digital twins” as shared spaces to explore different layers of the city, compare options, share feedback, and support better decision-making.



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*Issued by the City of Cartagena in cooperation with the SENSE project.*