

City Guidebook on the integration of AI in traffic management

Cities are increasingly exploring the use of Artificial Intelligence (AI) in traffic management systems, recognizing its potential to improve efficiency, responsiveness, and strategic planning. At the same time, many cities face fundamental questions regarding when AI genuinely adds value, how it can be implemented responsibly, and how it can be aligned with governance frameworks, ethical considerations, and public expectations.

What is the product?

The **ACUMEN City Guidebook** has been developed to address these challenges by bringing together key insights, conceptual frameworks, and practical lessons learned throughout the project.

In addition to the guidebook itself, the resource is complemented by a [decision-making tool](#), which allows cities and organizations to assess their current level of preparedness for AI implementation in traffic management. This tool helps identify strengths, gaps, and priority areas for development, thereby supporting a more structured and strategic approach to innovation.

Who is it for?

The guidebook is particularly relevant for:

- **Cities, traffic operators, and traffic system** developers considering or planning the implementation of AI in traffic management practices;
- **Organizations in the traffic management industry** that wish to develop guidelines, governance approaches, or implementation strategies for AI in traffic management.

