



UMAM Roadmap Report 2020 – Istanbul

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Funded by the
European Union



1. City Context

The mega-city of Istanbul, situated on the geographical interface between the Middle East and Europe, is the most populous urban settlement in Europe, with its almost 16 million inhabitants in the Istanbul Metropolitan Municipality (IMM) area (5.500km²). Istanbul is one of the world's fastest growing megacities and, as a result, there is an increasing demand for all types of transportation options that need to accommodate about 30 million trips on a daily basis. Considering this demand and the large scale of the city puts mobility infrastructure under pressure. Consequently, the transportation network length has been sharply increased in the last years, and now amounts to 25.000 km.¹

The main transport plan currently in the metropolitan area is the **Integrated Urban Transportation Master Plan**, approved in 2011 by Transportation Coordination Centre (UKOME), which aims to reduce motorised traffic and develop an integrated public transport system². Concrete objectives to realise this vision are:

- Increasing the provision of rail-transit to meet the city's demand
- Increasing the share of sea transport in an integrated public transport system
- Performing effective traffic management systems and traffic control
- Improving transport comfort
- Determining weak points in road network and improve them
- Improving transportation demand policies and promote seamlessly throughout Istanbul
- Linking important trip generation focal points with transportation strategies

The IMM is currently developing an **Istanbul Urban Transformation Master Plan** to provide an integrated approach for urban renewal. Other sectoral plans include:

¹ https://roadmapsforenergy.eu/wp-content/uploads/2017/final_city_reports/20170912_D6.4_Final_City_Report_Smart_Mobility_Traffic_Management_Istanbul.pdf

² Istanbul Metropolitan Municipality and JICA (2009) The Study on Integrated Urban Transportation Master Plan for Istanbul Metropolitan Area in the Republic of Turkey.

Conservation Plan, Tourism Development Plan, Technology Development Area Plan, Organized Industrial Area Plan, and a Forest Development Plan³.

The **IMM Strategic Plan** (2016)⁴ references to smart service provision mainly for Intelligent Transportation Systems (ITS). This strategic plan addresses the improvement of management of transportation services to deliver human centric, accessible, sustainable, economic, fast, safe and secure transportation services. The objectives of the plan include expanding ITS applications in all public transport systems and integration of ITS, Traffic Control Centre and related IT systems. For example, there is a smart city traffic management system in IMM under the management of ISBAK Inc⁵.

In 2018, Istanbul started the process to develop the **Sustainable Urban Mobility Plan (SUMP)**, with the specific goal of increasing accessibility, connectivity, social inclusions, and sustainable economic growth in the megacity. Istanbul SUMP will address the integration and coherence with the existing planning frameworks and build upon participatory processes to ensure future implementation and sustainability. In this regard, the SUMP is aligned with the IMM strategic agenda and will contribute to the existing initiative of establishing a Mobility Coordination Centre. Additionally, the SUMP will develop measuring mechanisms to assess the implementation of the SDGs, the New Urban Agenda and the UN-Habitat crosscutting issues (environmental safeguards, youth, gender equality, and human rights)⁶.

³ https://www.globalfuturecities.org/sites/default/files/2020-07/Turkey_Istanbul_CCR.pdf

⁴ <https://www.ibb.istanbul/Uploads/2020/2/iBB-STRATEJIK-PLAN-2020-2024.pdf>

⁵ <https://www.isbak.istanbul/intelligent-transportation-systems/traffic-control-center/>

⁶ <https://www.globalfuturecities.org/republic-turkey/cities/istanbul>

2. Disclaimer

The full roadmap report is subject to confidentiality. If you are interested in further details or running a pilot, please contact us at factory@eiturbanmobility.eu.