



UMAM Roadmap Report 2020 – Barcelona

Elaborated by

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BABLE

CARNET Barcelona

CTAG

EIT Urban Mobility

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1. City Context

Barcelona had a population of 1,664,182 inhabitants in 2020¹. It is the second-most populated city in Spain and the Iberian Peninsula and the tenth-most in the European Union. Barcelona is the main capital of the metropolitan area that had 3,223,337 inhabitants in 2012². The city is located on the northeast coast of the Iberian Peninsula, facing the Mediterranean Sea, on a plain covering 101.35 square kilometres³ and bordered by the Collserola mountain range and the Llobregat and Besòs rivers.

After developing the 2013-2018 Urban Mobility Plan⁴, the current plan for the city is defined by the Urban Mobility Plan for 2019-2024⁵. In line with its predecessor, the new plan aims to boost travel on foot, by bicycle and by public transport. The main areas of this Urban Mobility Plan are:

- Safe mobility: reducing mobility-related accident rates.
- Healthy mobility: promoting active mobility, reducing air and noise pollution caused by transport.
- Sustainable mobility: facilitating a shift to more sustainable modes of transport, lowering transport energy consumption and reducing its contribution to climate change, as well as increasing the proportion of renewable and "clean" energy consumed.
- Equitable mobility: boosting alternative uses of public roads, ensuring access to the mobility system, equitable mobility according to age, physical condition, gender and income, and improving conditions for labour mobility and daily life.

¹ Idescat: <https://www.idescat.cat/emex/?id=080193&lang=en>

² AMB: <https://www.amb.cat/s/es/web/area-metropolitana/coneixer-l-area-metropolitana/poblacio.html>

³ Idescat: <https://www.idescat.cat/emex/?id=080193&lang=en>

⁴ Ajuntament de Barcelona: <https://www.barcelona.cat/mobilitat/ca/qui-som/pla-de-mobilitat-urbana>

⁵ Ajuntament de Barcelona: <https://www.barcelona.cat/mobilitat/ca/actualitat-i-recursos/nou-pla-de-mobilitat-urbana-2019-2024>

- Smart mobility: increasing transport system efficiency, carsharing and new technologies in mobility management, and improving mobility services by introducing Mobility as a Service technology.

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.