

TEACHING MATERIAL GUIDANCE

1. Title of the material

PARKING AND SUSTAINABLE URBAN MOBILITY PLANNING

How to make parking policies more strategic, effective and sustainable

https://www.eltis.org/sites/default/files/parking_and_sustainable_urban_mobility_planning.pdf

2. Which section of the SUMP it is relevant to?

The article was created to show how important it is to use appropriate parking planning tools for the SUMP. The material indicates a tool for points 2.1 SUMP, i.e. the analysis of the effectiveness of activities carried out under the SUMP. As a consequence, it identifies new challenges and supporting solutions for more effective Sustainable Urban Mobility Plans.

3. Problem approached and content overview

At the beginning of the material, the authors give simple and clear guidelines on what must be included in Parking Management in terms of SUMP. Then they indicate how develop a long-term vision and a clear implementation plan, assess current and future performance, develop all transport modes in an integrated manner, cooperate across institutional boundaries, involve citizens and relevant stakeholders, arrange for monitoring and evaluation, assure quality. Then, based on examples from different countries, it was indicated how the issue of parking was dealt with in different places.

Among other examples, the case of the Spanish city of Vitoria-Gasteiz with a population of around 250,000 residents was described in detail. The following measures were taken there:

- Expansion of regulated parking area in the centre of the city, with more streets inside the residential parking zone, so that the previous 3,800 parking places were increased by adding 1,100 new regulated places.
- A reduction of ca. 2000 on-street parking spaces in favour of building the new tram lines.
- Differentiation of new types of regulated parking (residents only, short to medium stay only, short to medium stay and residents) rather than the only previous typology (short to medium stay and residents).
- Establishment of an annual fee in order to benefit from resident card for regulated parking, instead of the free access to the card for residents.
- Significant increase in the price per minute for parking in regulated parking area. Parking rates were tripled at the same time as the public transport service was significantly improved.
- A special regime for people who want to park for less than 15 minutes was established to avoid the practice of double parking on main roads.



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- Enabling new Park & Ride car parks. The approaching roads were signposted and information about public transport was placed in these car parks.

The number of public transport passengers doubled between 2008 and 2018. There was a decrease of 9.5% in CO2 emissions and a reduction of 8.9% in Energy consumption in the transport sector in the city over the period 2006-2014. As a result of this policy, private car use was reduced from a 36% share of all trips by local residents in 2006 to only 24% in 2014.

4. Who could be interested in this material?

Students and those looking for review of problems related to the implementation of parking management. The material shows how important it is to consistently and systematically introduce the planned changes. At the same time, the introduced restrictions should be met by means of improving the operation of the system, e.g. collective transport, so that users do not feel much discomfort and are willing to accept the introduced changes.

5. What is worth mentioning as an innovative factor for the reader?

The report may not be innovative as such, but it gives clear instructions on what steps should be taken to effectively manage parking in the city.

6. Limitations

The limitation of the material is a fairly brief approach to the issue and only single examples from selected cities and countries.

