



SUMPS-UP

SUMP Topic guide: Electrification in sustainable urban mobility planning

In cooperation with Rupprecht Consult

Inputs from cities and stakeholders

With input and review by the European Commission

SUMP Context : European SUMP Guidelines update

- Update of the core Sustainable Urban Mobility Planning guidelines (new SUMP cycle/steps, new examples, etc.)
- Production of a series of topic guides and practitioner briefings, including:
 - Sustainable urban logistics planning
 - Funding and financing options for Sustainable Urban Mobility
 - Public procurement of sustainable urban mobility measures
 - Road vehicle automation in sustainable urban mobility planning
 - Electrification in sustainable urban mobility planning
 - Urban Vehicle Access Regulations and sustainable urban mobility planning
 - The role of Intelligent Transport Systems (ITS) in sustainable urban mobility planning
 - Parking and SUMP: a perfect match



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Objective of the guide

Support authorities in planning electric mobility solutions as an integral part of a SUMP process.

- Guiding mobility planning authorities in how the electrification of road transport can adapt to the eight main SUMP principles and can be integrated in the different steps of the SUMP cycle.
- Not a technical guide for the deployment of Alternative Fuels Infrastructure (AFI)

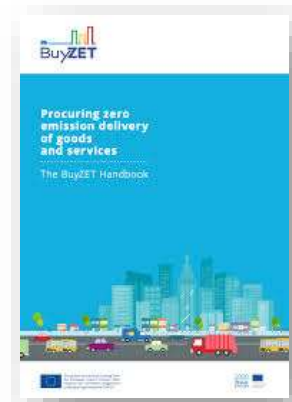


- 1- Integration of electric mobility in the SUMP Cycle and alignment with the SUMP principles
- 2- Recommendations on the electrification of certain sectors / vehicles
 - Public transport
 - Urban freight and logistics
 - Shared mobility
 - Private mobility
- 3- Policy measures to support electromobility
 - UVAR
 - Parking
 - Funding / Financing
 - Procurement
 - Communication / incentives

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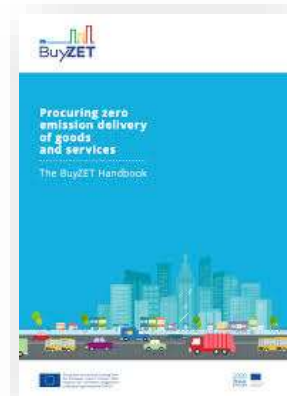
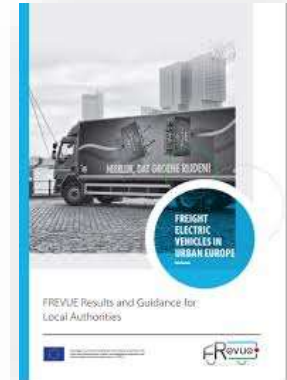
Example of recommendations: planning for urban freight

- Specific areas of electric mobility
- Focus on the logistics fleets. Why?
 - (in)direct influence of planning authorities
 - Contribute for a large share of traffic emissions
 - Potential big impacts



Example of recommendations: planning for urban freight

- **Examples of recommendations**
 - **Economic and financial advantages:** exemption of payment of road charging schemes, free parking
 - **Regulatory and operational measures:** preferential treatment in traffic limited zones, longer (un)loading time windows, (un)loading areas reserved for EFVs.
 - **Charging infrastructure:** Public (fast) charging stations in combination with a priority reservation system
 - **Leading by example:**
 - Electrifying the public fleets of service vehicles (waste collection, service vehicles, etc.)
 - Procurement of zero-emission transport/delivery services (example of Oslo/BuyZET)

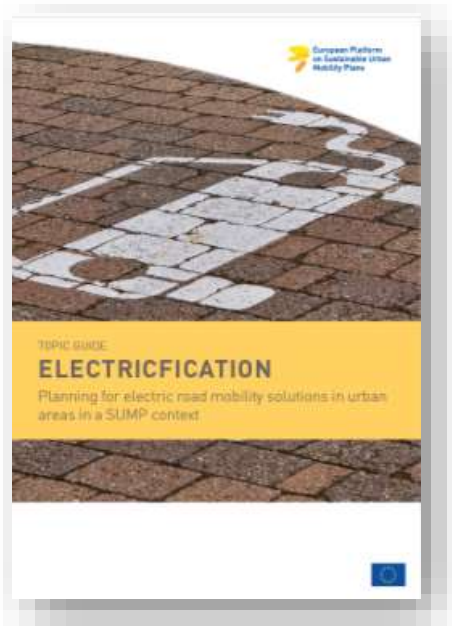


Presentation of the guide

- Publication of the updated EU SUMP Guidelines at the CIVITAS Forum in Graz, next week
- Publication of topic guides, including on the electrification of urban road transport
- All documents to be available on Eltis



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Thank you!

Any questions?

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