Urban Mobility Days

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The role of smart parking management in urban mobility planning: Parking standards
Parking standards are also known as parking requirements or parking norms.

Parking standards regulate how much off-street (car)parking space is built for new buildings.

Parking standards were designed to instruct developers to build parking lots in correlation to:
- the amount of apartments (or size of apartments)
- the amount of new offices/shops/workplaces etc.

Parking standards are an important steering instrument for urban and transportation planning.

Source: www.park4sump.eu
Why parking standards?

• Parking standard have been introduced
  • to keep the streets free for the flowing traffic
  • prevent that a (new) location - office building, new housing, new shopping mall - generates parking problems in its neighborhood
  • Most countries have minimum requirements and building developers can build more if they want and as much as they want

But…. parking standards may induce car ownership
High parking standards are expensive

- Building costs **per** parking space (including cost for access) depending on property costs and local building costs

  - Up to 3,000 €
  - 5,000 € to 20,000 €
  - 20,000 € to 72,000 €

- Plus: Annual operating costs between 2 % and 8 % of the building costs
Lower the minimum requirement for car parking if alternatives are available

- Give the legal chance for developers to lower the minimum requirement for car parking if alternatives are available due to

=> Absolute necessary precondition and mandatory requirement for lower requirement is paid or regulated parking areas for on street parking for the whole area and the nearby areas
Lower the minimum requirement for car parking .... Good practice in Umeå: In the Green Parking Payoff project property developers provide sustainable mobility services in exchange for lower parking requirements
Integration of Parking standards into SUMP: Lessons for the development of your SUMP!

• If the car is the closest means of transport to home and easy to park at the final destination, it is usually the first choice.

• Creating car parking spaces in residential areas lead to the need of more parking space at the workplace, at shopping centers and leisure facilities in addition.

• Nevertheless, parking standard requirements are important steering instruments for municipalities and should not be given out of hand.

• High requirements to build fixed parking standards affected construction and maintenance costs, so parking standards should give the option to lower requirements if transportation alternatives are available.

• Ideally, maximum car parking allowances are fixed and limit how much parking is provided in new buildings.

• Require minimum standards for high quality bicycle parking facilities in your SUMP!

• **Be smart:** Integrate regulations about parking standards in your SUMP!!
Thank you for your attention!

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