Annual Conference 2020

Virtual Event | 30 November - 3 December 2020
Spatial interventions for urban vehicle access regulations: “good practice” examples in the CIVITAS-ReVeAL project

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Superilla Sant Antoni (source: Escofet)
Different UVAR measures will be developed, implemented and tested in the cities of: Helmond (NL), Jerusalem (IL), London (UK), Padova (IT), Vitoria-Gasteiz (ES) and the project leader Bielefeld (DE)
Methodology for sustainable urban transformation:
access regulation measures as building blocks

Long list 73 options
For example:

- Speed regulated school streets
- Distance-based congestion charge
- Regulations by vehicle emissions
- Dynamic traffic management
- Grants towards adaptation

...
Methodology for sustainable urban transformation:
access regulation measures as building blocks
Methodology for sustainable urban transformation: access regulation measures as building blocks

Spatial interventions:
area planning and design and physical interventions on urban roads, in city streets or more general in the public realm
Spatial interventions: a wide range of measures or building blocks

1. School street
   a. Car-free school area
   b. Kiss&Ride
   c. Speed regulated

2. Cycling street

3. Traffic filter
   a. Road block
   b. Capacity restraint
   c. Visual barrier
   d. Through traffic ban
   e. One-way street

4. Removing parking/road
   a. Parklet
   b. Widen pavement
   c. Drop-off zone
   d. Logistics bay

5. Cycle lane
   a. Redistribution of road space
   b. Conversion of parking lane

6. Pedestrian street
   a. Mixed used cycling-pedestrians
   b. Residents only vs other groups
   c. Temporal

7. Bus/tram priority lane

8. Woon-erf
Case study Mechelen: cycling zone strategy

Cycling zone scheme (source: Makers Mechelen)

Visual cue cycling zone (source: ReScape)
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Case study Barcelona: superblock strategy

Superblock scheme (source: Ajutament de Barcelona)
Case study Barcelona: superblock strategy

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Case study Ghent: circulation plan strategy

Circulation plan scheme (source: De Standaard)

Example of a through cut (source: Fietsberaad)

Selective traffic ban (source: City of Ghent)
## Case study Ghent: circulation plan strategy

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### 5. Cycle lane
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### 7. Bus/tram priority lane

### 8. Woon-erf
- a. Conversion of parking lane
Take aways:
Building blocks as steppingstones for citywide strategies

- Spatial interventions are increasingly gaining attention
- Strategies as combinations of building blocks, constructed around a dominant one
- Guided by goals and visions for the city
- Complex network of actors, impacts, contexts, etc.
- Increased opportunities/challenges due to COVID-19
- Further focus through Civitas-ReVeAL
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