POLIS CITIES AND REGIONS FOR TRANSPORT INNOVATION

regio arnhem nijmegen

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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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 815069.

Regulating Vehicle Access for improved Livability

CIVITAS-ReVeAL project: an introduction

Goal: concretely support urban change management by assessing Urban Vehicle Access Regulations (UVAR) and exploring and developing a standard range of urban mobility transition approaches for cities across Europe



Regulating Vehicle Access for improved Livability

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)

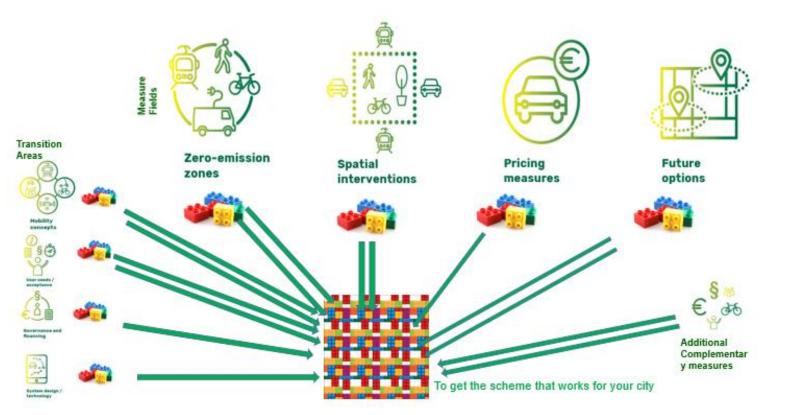




Specialists in air quality policy



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



Long list 73 options For example:

...

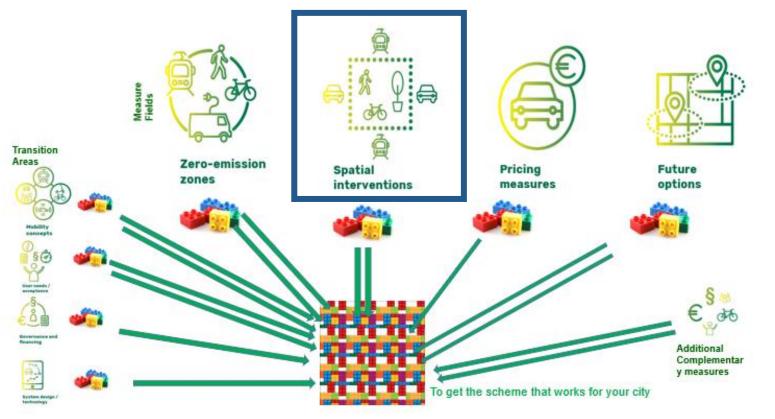
Speed regulated school streets Distance-based congestion charge Regulations by vehicle emissions Dynamic traffic management Grants towards adaptation

ReVeAL building block schematic (source: Lucy Sadler)

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

ReVeAL building block schematic (source: Lucy Sadler)

Spatial interventions: a wide range of measures or building blocks



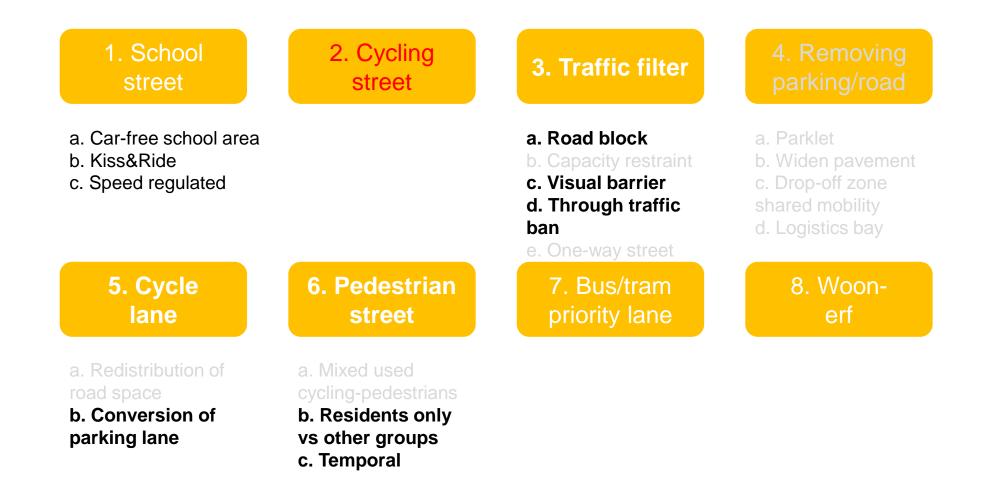
Case study Mechelen: cycling zone strategy





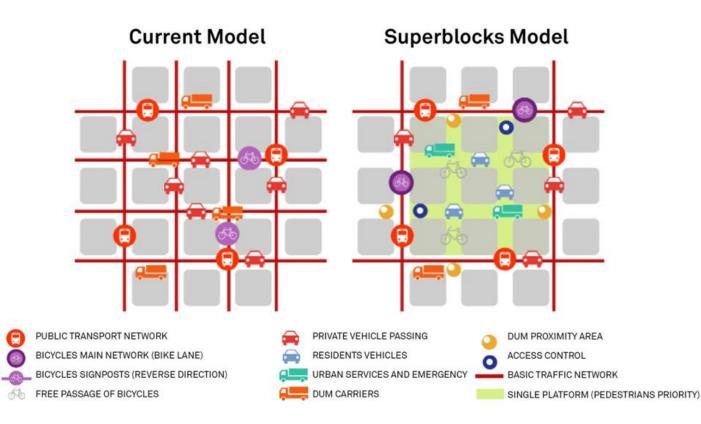
Cycling zone scheme (source: Makers Mechelen)

Case study Mechelen: cycling zone strategy



Case study Barcelona: superblock strategy

SUPERBLOCKS MODEL





Superblock scheme (source: Ajutament de Barcelona)

Case study Barcelona: superblock strategy



Case study Ghent: circulation plan strategy



Example of a through cut (source: Fietsberaad)



Circulation plan scheme (source: De Standaard)

Case study Ghent: circulation plan strategy



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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