

# MORE: Tools and concepts for the reallocation of urban road space



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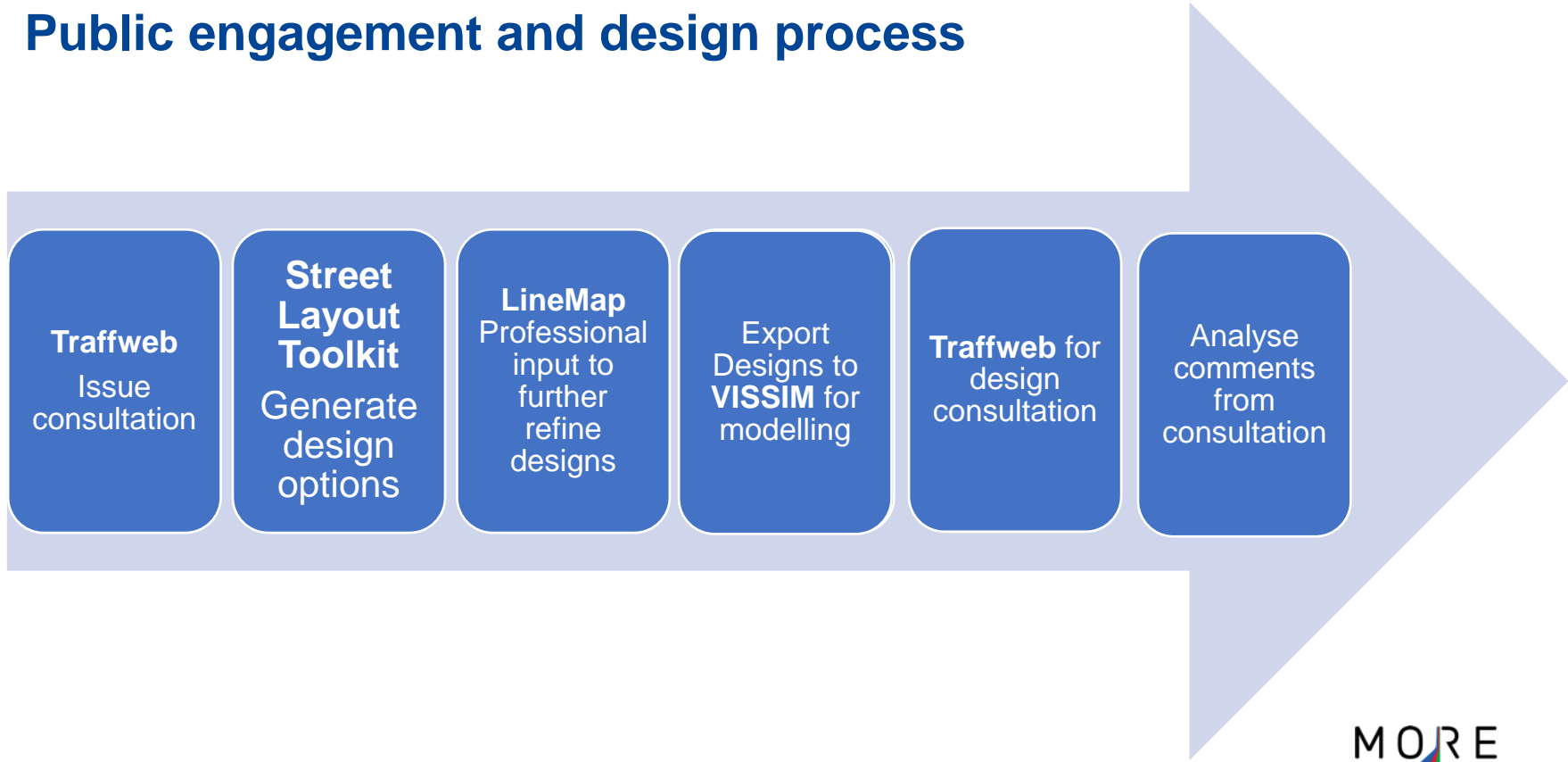


## The challenge: our streets are under pressure

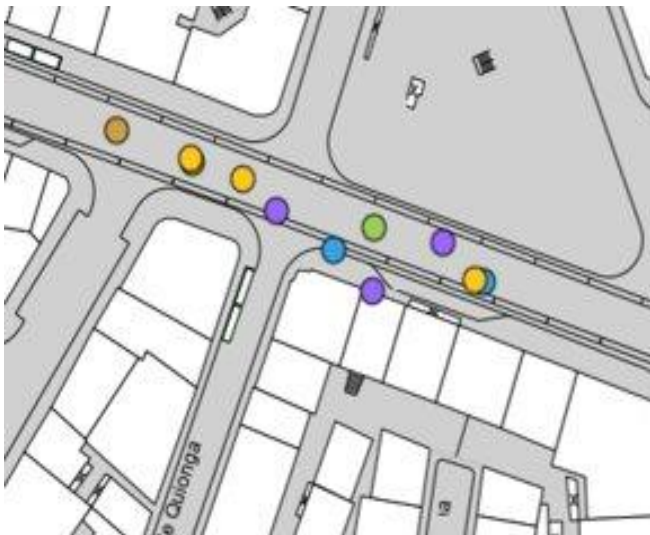
- Demands on busier urban streets are increasing:
  - the emergence of new modal options (e.g., e-scooters)
  - growing mobility-related sectors (e.g., home deliveries)
  - a greater interest in place-related activities
  - population/employment densification
- MORE developed tools to address these challenges by considering the needs of all users



# Public engagement and design process



## Issue consultation tool: Traffweb



Screenshot from Traffweb by Buchanan Computing.

- Citizens can submit comments on specific issues
- Areas include air pollution, road safety at crossings, quality of public realm, parking and loading, access to public transport, cycling infrastructure and pedestrian accessibility



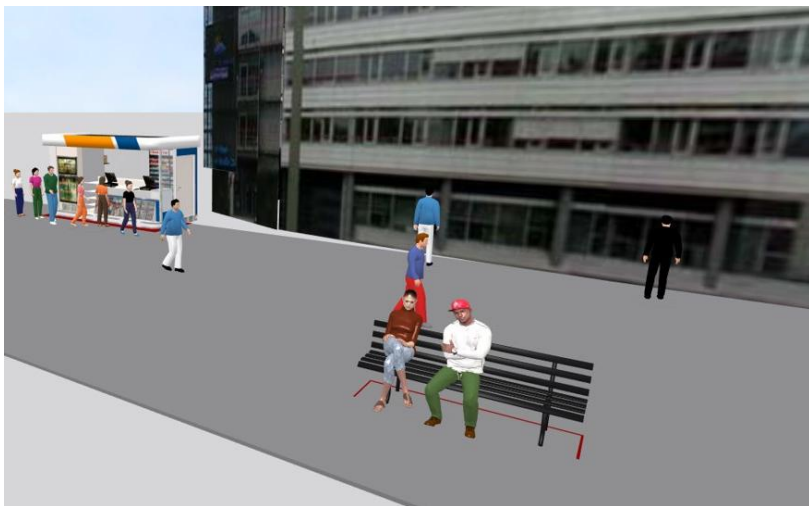
## Design consultation: shaping different streets



- Create alternative designs for the same area or location
- Two tools to be used in local workshops and focus groups:
  1. Physical street element and layout design tool
  2. LineMap digital tool to create new designs according to existing regulations and standards

Pictured: “Design Days” held by BKK in Budapest, September 2021.

## Modelling user behaviour in streets and roads



Screenshot from PTV VISSIM. Watch full video [here](#).

- Not only traffic flows, but also “place-based” street activities such as walking and sitting
- New features to model curbside activities curb side activities such as parking, loading/unloading, drop-off, pick-up, etc.
- Effects on all road uses are calculated

## Appraisal tool: assessing proposed options



- Design options and suggestions are assessed against technical and political requirements
- Cost-benefit and multi-criteria analysis





## Urban Corridor Road Design: Guides, Objectives and Performance Indicators

Publications, Tools Posted: 10 September 2019

Description: MORE Report on "Urban Corridor Road Design: Guides, Objectives and Performance Indicators" (Deliverable 1.2), developed by TU Dresden and UCL.

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## Road space re-allocation. Organizational, institutional and political dimensions

Publications, Tools Posted: 5 August 2019

Description: MORE report on the organisational, institutional and political dimensions of road space re-allocation (Deliverable 2.1), developed by Sciences Po and UCL.

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## MORE releases guidance to help transport planners deal with an uncertain future

Posted: 8 April 2020

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## The institutional battle for the implementation of road space re-allocation approaches

Posted: 8 April 2020

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## Transforming roads into multifunctional urban assets

Posted: 8 April 2020

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17 February 2022, Brussels & online

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# Better streets for better cities

Four online sessions to discuss the present  
and the future of our streets

21-24 February 2022, online  
[bit.ly/MORE-online-sessions](https://bit.ly/MORE-online-sessions)

**MORE**  
Multimodal Optimisation  
of Roadspace in Europe



# Streets as ecosystems

Changing the way we view and use road space



# Thank you

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