



MOMENTUM

Modelling Emerging Transport  
Solutions for Urban Mobility

# Data-driven decision making tools for small and medium-sized cities

Rodric Frederix - Urban Mobility Days



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## Momentum

# M O M E N T U M

## Data + tools!

### Telraam/WeCount

- sensor with low-cost computer
- traffic counts, speeds, emissions
- participation

### The EU MOMENTUM Project

develop a set of new data analysis methods, transport models and planning support tools to capture the impact of new transport options such as MaaS (Mobility as a Service), CAVs (Connected Automated Vehicles), new shared mobility services and demand responsive transport





## Case study: Leuven





## **Ambition: tool that is valid at local level**

- Extend strategic models to local level
- Light: easy to calibrate & based on open source data

## **Evaluate effect of**

- road works, circulation plan, access restrictions, shared mobility, ...  
on
- congestion, travel time, rerouting, liveability, ...

## **Toolbox as instrument for participation**

# Thank you for your attention

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