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

Rodric Frederix - Urban Mobility Days

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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
Momentum – Case study Leuven

Leuven: 100,000 residents

Policies

• Circulation plan
• Shared mobility hubs (Mobipunten)

No traffic model available
• OpenStreetMap+Telraam
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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