

FLOW: Fewer Cars, More People: Good European Practice

SOLUTIONS TO CYCLING MOBILITY – 29 April 2016
City Hall – Public Session Room – Lisbon, Portugal

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FLOW says thank you to Lisbon

- Three day meetings at city hall
- 6 FLOW Partner Cities:
 - Budapest, Dublin, Gdynia, Lisbon, Munich Sofia
- 9 Exchange Cities:
 - Izmir, Manchester, Nicosia, Örebro, Pisa, Ploesti, Tallinn, Thessaloniki, Zurich
- Over 20 technical experts from across Europe



EU Policy Background

- Over 60% of EU citizens live in urban areas with over 10 000 inhabitants.
- Urban mobility accounts for 40 % of all CO2 emissions of road transport and up to 70 % of other pollutants from transport.
- Congestion in the EU is often located in and around urban areas and costs nearly EUR 100 billion, or 1 % of the EU's GDP, annually.
- Common challenge in all major European cities: How to enhance mobility while at the same time reducing congestion, accidents and pollution?



EU Policy Background

- Cities themselves are usually in the best position to find the right responses to these challenges.
- Adopted EU Policy:
 - Action Plan on Urban Mobility 2009
 - Transport White Paper 'Roadmap to a Single European Transport Area' 2011
 - Urban Mobility Package
- Support mechanisms:
 - Horizon 2020
 - CIVITAS 2020



THE CIVITAS INITIATIVE
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FLOW Background

- H2020 Research and Innovation Action
- **Specific Challenge:** Tackling urban road congestion with cycling and walking
- **Expected Impact:** an ambitious Europe-wide take up and rollout of results during and following the project
- **Duration:** May 2015 – April 2018



FLOW objectives

- **Define the role** of walking and cycling in congestion reduction
- Develop and apply tools (modelling and impact assessment) for **assessing the congestion-reducing potential** of walking and cycling measures
- **Increase awareness** of the congestion reduction potential of walking and cycling
- **Foster the market up take** of FLOW tools in cities and transport planning consultancies



FLOW partnership

Support partners

- Rupperecht Consult (coordinator)
- Gdansk University of Technology
- Budapest U of Tech and Economics.
- Wuppertal Institute
- Traject
- Polis

Technical

- PTV
- Forum of European National Highway Research Laboratories

Cycling and walking

- Walk21
- European Cyclists' Federation



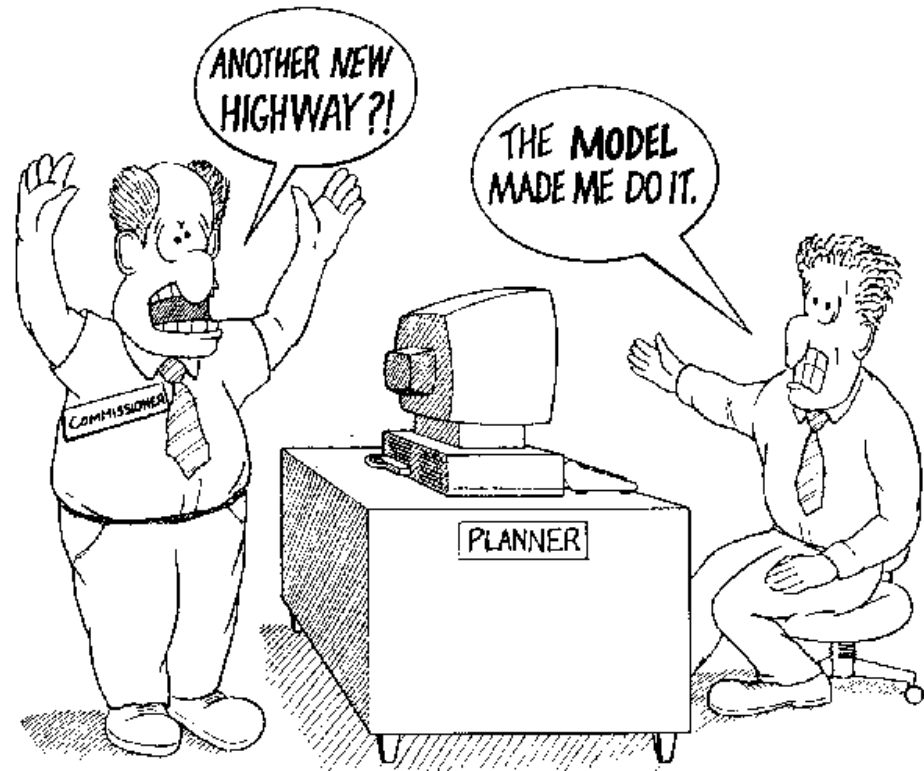
FLOW Outputs

- **Multimodal definition** of congestion and traffic performance
- Updated **modelling tools** (micro and macro simulations)
- Impact assessment of walking and cycling on congestion
- **6 concrete examples** of application of FLOW methodology (e.g. Lisbon)
- **Factsheets for decision makers** to use walking and cycling as congestion reduction measures
- Leading to: **Fewer cars! More people!**

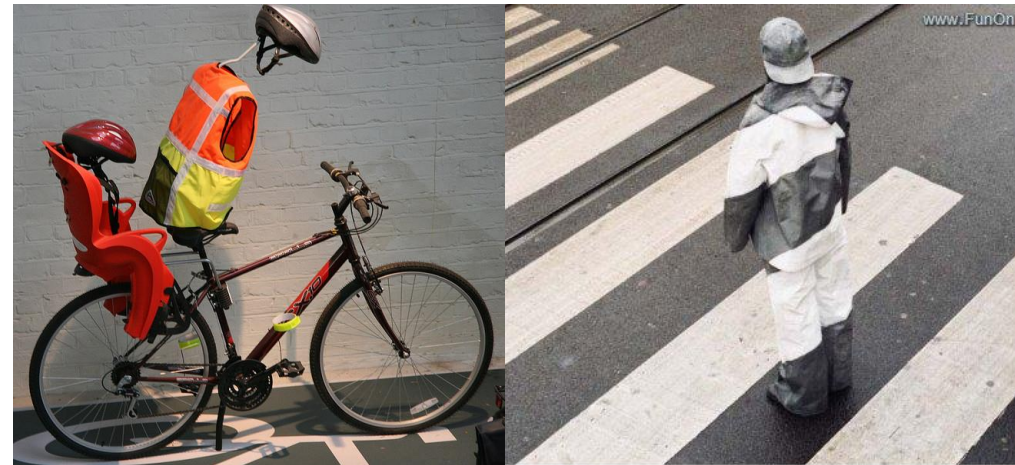


The FLOW story

In the transport modelling world...



In the walking and cycling world...



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Involvement opportunities

- h2020-flow.eu
- FLOW newsletter
- Twitter feed

Transport Planning Consultants:

- Marketplace

Learning and exchange:

- online courses
- webinars



Thank you for your attention.



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