



EU sustainable urban mobility policy, focus on SUMP

9/11/2018

Piotr Rapacz

Team leader, Urban mobility
European Commission, DG MOVE,
Sustainable & Intelligent Transport Unit (B.4.)



@Transport_EU

Mobility and
Transport

CONNECTING
EUROPE

Content:

- Urban mobility context
- How is COM supporting cities
- Sustainable urban mobility planning



The starting point – transport challenges in cities

Transport provides vital functions to EU cities. But urban mobility = still mainly conventionally-fuelled passenger cars, leading to:

- **Congestion:** estimated €110 bn lost/year in EU
- **Climate** change impact: emissions rising
+ urban transport = 23% of CO₂ tran. emissions
- **Health** impact related to poor air quality = over 500 000 premature deaths/year in the EU; similar for physical inactivity (+ €80.4 bn lost/year)
- **Road accidents:** 25.500 killed in 2016 in EU, including 40% in urban areas



Policy Framework - goals

Urban:

- *Halve the use of conventionally fuelled cars in urban areas by 2030, phase them out by 2050*
- *Achieve CO₂-free city logistics in major urban centres by 2030*
- **+ one related on safety:** By 2050, move close to zero fatalities in road transport + halve casualties by 2020.

European Strategy for Low-Emission Mobility (July 2016): by 2050 Transport GHG must be 60% lower than in 1990



Policy: 2013 Urban Mobility Package

Need for **stronger cooperation between different policy** levels to deliver on sustainable urban mobility

Core concept: **Sustainable Urban Mobility Plans** (SUMPs – Annex to the Communication), big role for **multimodal** solutions!

Commits to **reinforced EU support** for local action on urban mobility (2014-2020)





Urban Mobility: supporting cities

- **CIVITAS Initiative:** City, Vitality and Sustainability
- **European Mobility Week:** record again this year!
- **Platform on SUMP**s (one-stop-shop portal) + Annual SUMP Conference
- **Guidelines** (UVAR, logistics, cycling)
- **Partnership on Urban Mobility** - EU Urban Agenda
- **Smart Cities and Communities**
- **Increased funding:** 18.5€ bln in 2014-2020 and probably more to come post-2020



CIVITAS Initiative

City, Vitality and Sustainability. COM-funded Initiative since 2002 to create cleaner, better transport in cities

CIVITAS in 4 key points:

1. Living “labs” & research projects
2. Network of cities for cities
3. Public Private Partnerships
4. Political commitment (with the PAC)

Major annual Conference every year: CIVITAS

5 phases
(2002-2020)



85 CIVITAS
Cities
(demonstration)



19 CIVITAS
projects



More than 280
Cities (forum)



EUROPEAN **MOBILITY** WEEK

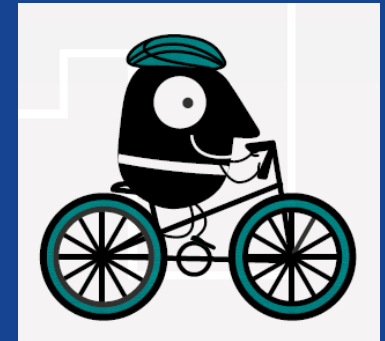
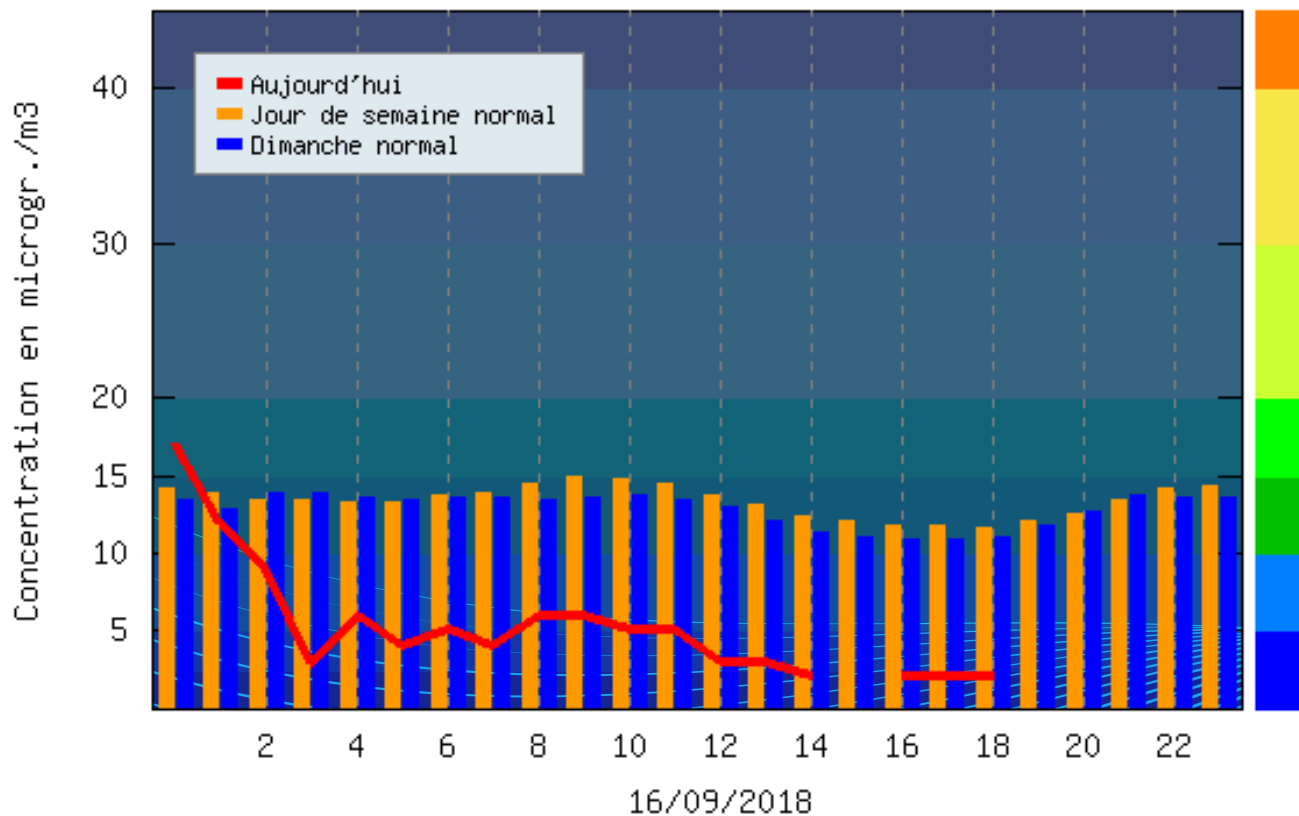
16-22 September every year (launched in 2002)



- Pan-European campaign culminating in Car-Free Day.
- Encourages European municipalities to introduce and promote behavioural change favouring sustainable modes.
- 2018 theme: "Mix and Move!" – multimodality in practice
- **2656** cities from 53 countries worldwide registered in 2018 – the new record (and rising)!
- Each year, approximately 7500 permanent measures are registered

Effect of Car-free Day in Brussels, 16 September 2018: PM2.5 levels compared to other days

PM2.5 - Uccle



Exchange of Information & Best Practice

WWW.ELTIS.ORG

The urban mobility observatory: facilitates the exchange of information, knowledge and experience in the field of sustainable urban mobility in Europe

1. **Discover**: case studies, EU legislation & policies
2. **Resources**: EU funding, pictures, videos
3. **Participate**: events
4. **Mobility plans**: everything related to SUMP!



The Sustainable Urban Mobility Indicators project

Main project objectives:

- 1) to provide technical support to 50-55 urban areas across the EU, using revised WBCSD's indicators set
- 2) to collect learnings for the improvement of the indicator set and tool based on cities' concrete experiences
- 3) to develop a benchmarking online tool ("scoreboard")

SUMI consortium:

RUPPRECHT CONSULT
Forschung & Beratung GmbH

Project Coordinator



Sustainable Urban Mobility Planning

- A Sustainable Urban Mobility Plan is a **strategic** plan designed to satisfy the mobility needs of people and businesses in cities and their surroundings for a **better quality of life**.
- **Cross-sectoral** approach building on existing planning practices and taking due consideration of **integration, participation, and evaluation** principles.
- **Increasing uptake** in the EU (over 1000 cities) but national/regional differences; Flanders, France, Lithuania, Norway and Catalonia leading



Sustainable Urban Mobility Plan

SUMP Concept:

Annex 1 of Urban Mobility Package
COM(2013) 913 final, Dec 2013

SUMP Guidelines:

- based on a systematic stakeholder consultation process, published in Dec 2013
- widely used in Europe and internationally
- Update on the way – towards SUMP 2.0

A European success story!

The SUMP concept is supported by:

- **SUMP guidelines**
- **Planning tools**
- **Best practice** examples
- **National** frameworks
 - Member States profiles
- **City database**
- European **Platform** on SUMPs
 - Coordination Group

See **Eltis.org** – the urban mobility observatory





European Platform on Sustainable Urban Mobility Plans



European
Commission



Planning for People



GUIDELINES

DEVELOPING AND IMPLEMENTING A
SUSTAINABLE URBAN MOBILITY PLAN

**CONNECTING
EUROPE**



@Transport_EU

**Mobility
and
Transport**

Sustainable Urban Mobility Planning

SUMPs help resolve issues such as congestion, air/noise pollution, road safety, etc. and typically address the topics:

- Public transport
- Walking and cycling
- Intermodality
- Urban road safety
- Road transport (flowing and stationary)
- Urban logistics
- Mobility management
- Intelligent Transport Systems



SUMP – challenges

Main barriers to SUMP up-take:

- availability of national funding and a governance framework
- low awareness
- lack of capacity and technical know-how
- financial limitations
- lack of data availability
- challenges in cross-sectoral planning:

SUMP – Manchester example

- SUMP in place and regularly revised (every 5 years)
- By linking transport and land-use planning Manchester can make sure that new housing projects and other facilities are well catered by public transport, to avoid over-reliance on private cars.
- By centrally collecting data, TfGM were able to support all ten local authorities in developing the plan. The revision also linked closely with Greater Manchester's spatial planning

Centralised data collection and SUMP development can also help local authorities to overcome resource limitations



SUMP AWARD

SUMP Award recognises local and regional authorities for excellence in sustainable urban mobility planning.

6th **SUMP** Award finalists (Shared Mobility):

- Greater Manchester (United Kingdom)
- Milan (Italy)
- Turda (Romania) – WINNER

Theme for 2019: Multimodality



@Transport_EU

Mobility
and
Transport

CONNECTING
EUROPE

It's time to strengthen and refresh SUMP!

- Aim: to update the guidelines in line with recent developments and reinforce the SUMP's concept
- Update possible areas that could be better included: electro mobility, MaaS, CAD, ITS, HEAT (health), urban logistics, SULPs, regional SUMP development, financing + others
- Further work on:
 - National frameworks
 - Best practice examples and city database
 - Link with urban mobility indicators



Thank You!



Piotr.rapacz@ec.europa.eu



@Transport_EU

Mobility and
Transport

CONNECTING
EUROPE