



Supporting cities in transition to sustainable transport – EU urban mobility policy

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Mobility and
Transport

CONNECTING
EUROPE

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 € 270 billion lost/year in the EU (total delay costs)
- **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:** over 25.000 killed yeach year 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, **V**itality and **S**ustainability. 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 **Forum**

Measures reaching **over 52 million citizens**

80 living lab
cities



85 CIVITAS
Cities
(demonstration)



800 measures
implemented



More than 280
Cities (forum)



CIVITAS: let's meet at CIVITAS Forum 2019 Conference, 2-4 October in Graz, Austria



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.
- 2019 theme: "Walk with us!" - safe walking and cycling
- **Over 3100** cities from 50 countries worldwide registered in 2019 – the new record!
- Each year, approximately 7500 permanent measures are registered

EUROPEAN**MOBILITY**WEEK

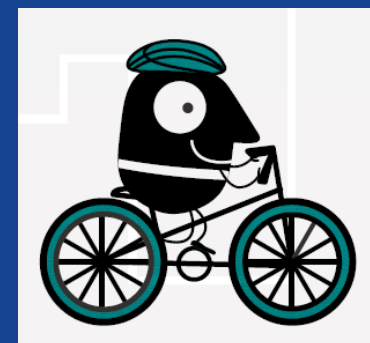
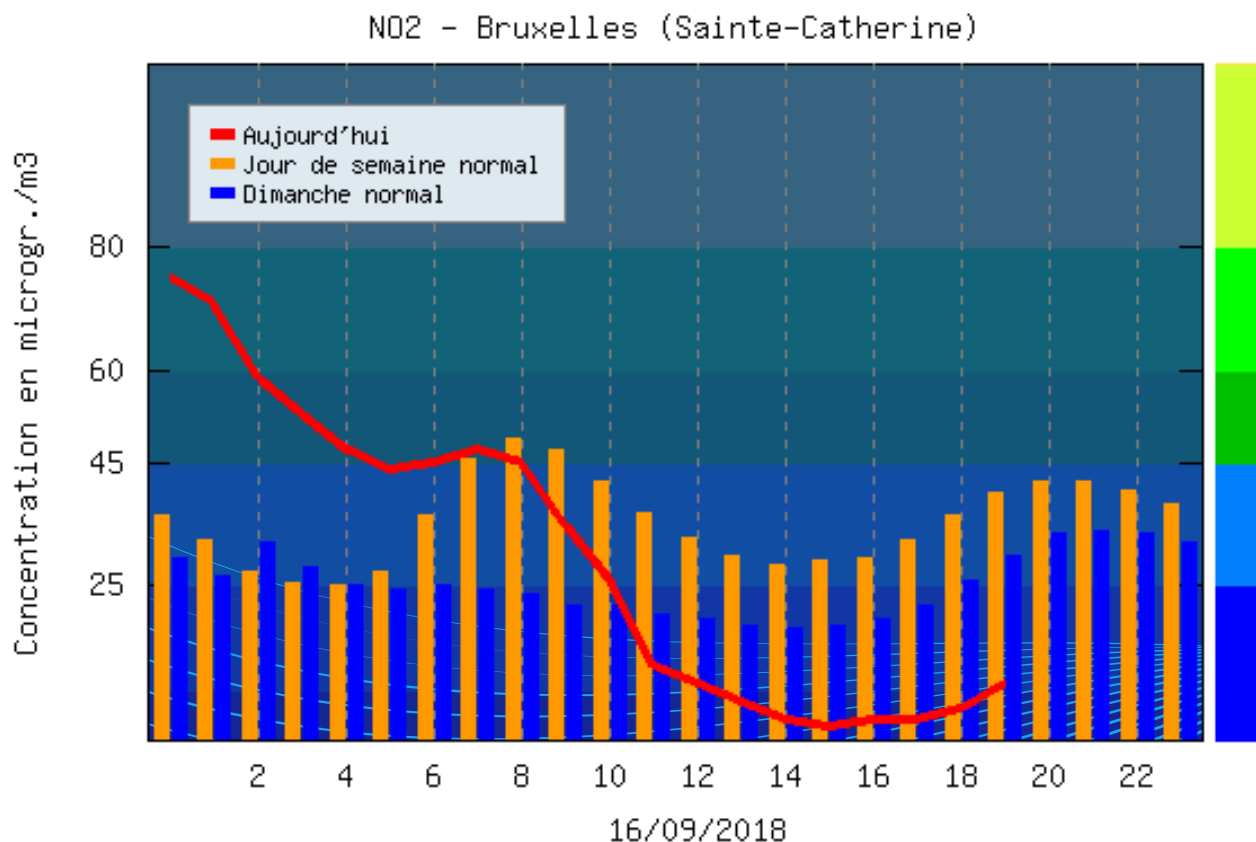
Example: Chemnitz, Germany

Children draw their ideas about mobility at the Theatre
Square



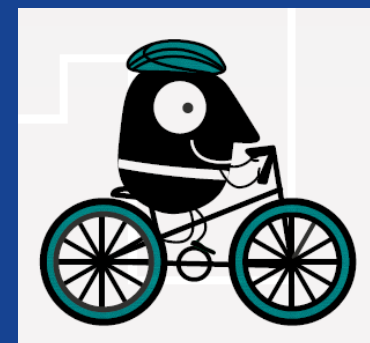
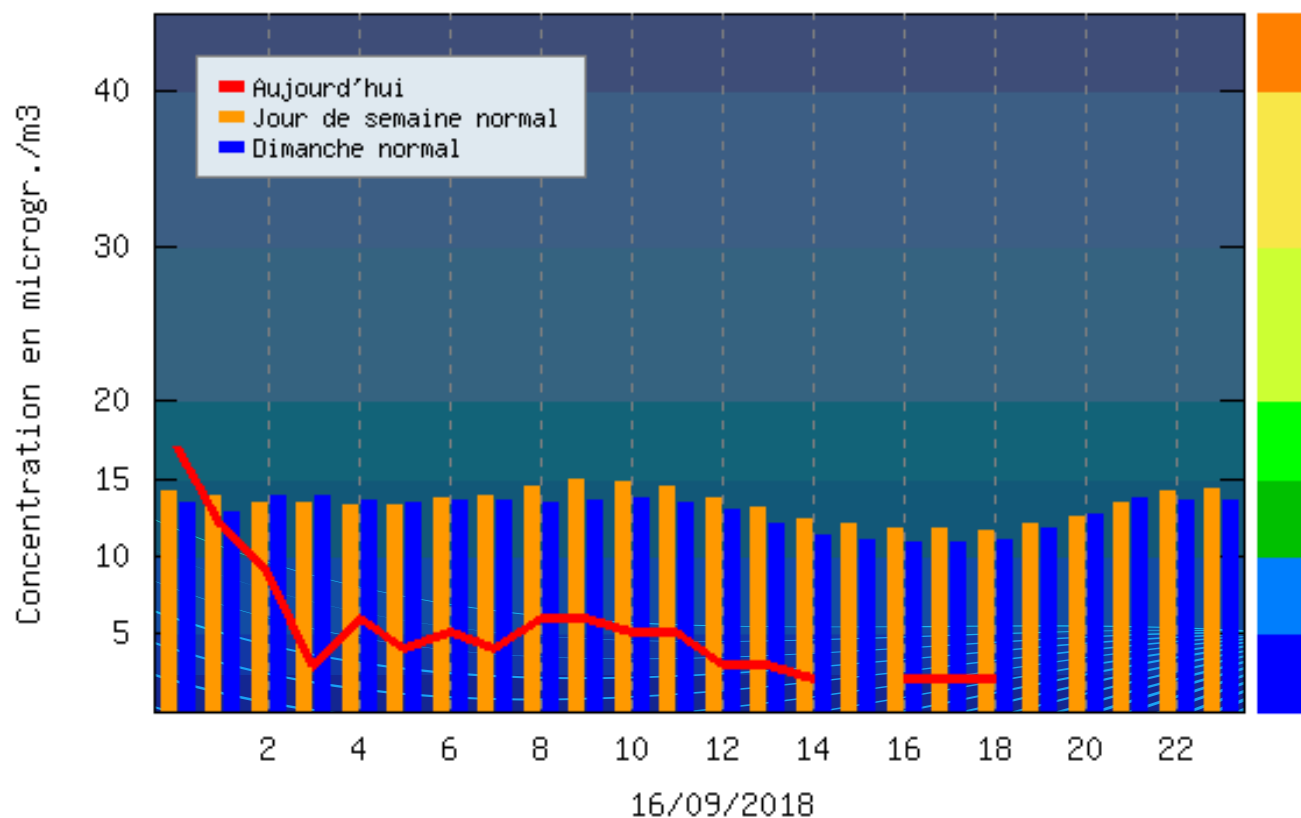
Effect of Car-free Day in Brussels, 16 September 2018: NO₂ levels compared to other days

(Source: <http://www.irceline.be/fr/nouvelles-alertes/sans>)



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

PM2.5 - Uccle



Sustainable Urban Mobility Planning



Sustainable Urban Mobility Plan

- A strategic plan designed to satisfy the mobility needs of people and businesses in cities for a better quality of life.
- Cross-sectoral approach taking due consideration of integration, participation, and evaluation principles.

SUMP Concept:

- Annex 1 of Urban Mobility Package COM(2013) 913
- Widely used in Europe and internationally
- Update and revision just finished – SUMP 2.0!



New SUMP Guidelines and cycle



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



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's!



The screenshot shows the Eltis website, 'The urban mobility observatory'. The header includes the Eltis logo, navigation links (Search, Contact us, FAQ, Cookies, Legal notice), a language selector (English), and buttons for 'Login' and 'Become a Friend'. The main content area features four large tiles: 'DISCOVER' (illustrated with a woman on a phone), 'RESOURCES' (illustrated with a train), 'PARTICIPATE' (illustrated with a city and a person on a scooter), and 'MOBILITY PLANS' (illustrated with a city skyline). Below these tiles is an 'Eltis Spotlight' section with a 'HAPPY NEW YEAR' message from the Eltis team and a survey invitation. To the right is a 'Friends of Eltis' section with a list of names and a 'Become a Friend' button. The footer includes 'Case studies' and 'News' sections with recent updates, such as 'Reducing bus fuel consumption and emissions in Kiel (Germany)' and 'Olsztyn reintroduces trams after 40-year absence (Poland)'.



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EIP Smart Cities and Communities

- 6 action clusters, 6.000 partners, combining transport-energy-ICT applications.
 - Action Cluster on Sustainable Urban Mobility: New mobility services, Urban Air Mobility, electric vehicles, vehicle-grid applications.
- Success will be measured against: by end 2019, €1b investment committed in innovative solutions and 300 cities engaged.
- Horizon2020 funded SCC Lighthouse projects play leading role for development, testing and replication!
- Marketplace <https://eu-smartcities.eu>



Upcoming: the Sustainable Urban Mobility Indicators

Main project objectives:

- 1) to provide technical support to 50-55 urban areas across the EU, using revised WBCSD's indicators set **(active mobility one of them!)**
- 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



Also upcoming in 2019...

- **Guidance for cycling projects in the EU,
with minimum standards for infrastructure**

https://ec.europa.eu/transport/themes/urban/cycling/guidance-cycling-projects-eu_en

- **Pilot projects:**

- Raising Awareness of alternatives to private car
- Sustainable shared mobility interconnected with public transport in rural areas (SMARTA)

- **Evaluation of the urban
mobility package 2013**



Thank You!



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