

EU policy for smart and sustainable urban mobility

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The starting point

Transport provides vital functions to EU cities, enabling economic growth and access to jobs

At the same time, urban mobility is still focused on conventionally-fuelled passenger cars, leading to:

- **Congestion**
- **Climate change impact:** urban transport accounts for 23% of CO₂ emissions from transport
- **Health impact** related to ambient air quality (NO_x, PM emissions) and lack of physical exercise
- **Road accidents;** urban areas still account for 40% of all road fatalities (approx. 11,000 per year)
- **Use of space:** motorized vehicles and their infrastructure use space which could otherwise be dedicated to green areas, public space, bike paths, commercial and residential use etc.

What the EU does

- Transport is a shared responsibility between the EU and the Member States
 - The **subsidiarity principle** applies: the EU may not take action unless it is more effective than action taken at national, regional or local level
- Urban mobility is essentially a local responsibility; however local authorities should not be left alone
- That is why there is a long tradition of EU support:
 1. Setting the Policy Framework
 2. Offering funding and financing
 3. Facilitating the exchange of experience and best practice
 4. Raising awareness

What has been done so far?

A decade of EU support to cities

- **Clear goals**
- **EU laws with impact on urban mobility:**
air quality, CO2 emissions limits, alternative fuels infrastructure,
clean vehicle procurement
- **Platforms for exchange:**
CIVITAS, SUMPs, C-ITS Platform,
MS Expert Group Urban Mobility – call for Member States' action to support cities
- **Partnerships:** Smart Cities EIP – **scaling up innovation**
- **Guidelines:** SUMPs

Setting the Policy Framework

Transport White Paper (2011) – in progress

2 out of the 10 goals are 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*

Cities to decide on the best mix of measures: walking, cycling, public/shared transport, cargo-bikes, cleaner, alternatively fuelled cars/buses etc.

Urban Mobility Package (Dec 2013) – in progress

e.g. guidelines on city logistics and urban vehicles access regulation

Setting the Policy Framework

Climate and Energy Policy Framework 2030

For **transport**, it asks for a comprehensive and technology neutral approach for the promotion of emissions reduction and energy efficiency in transport, for electric transportation and for renewable energy sources in transport also after 2020

Energy Union Package (Feb. 2015)

For **transport**, it asks for a gradual transformation of the entire transport system + increased development and deployment of alternative fuels with infrastructure, vehicles and fuels being rolled out together.

COP21 Agreement in Paris

President Juncker: *"... decarbonisation will not happen in high-level negotiations, but on the ground, in cities, where most people live, work and consume energy".*

EXAMPLE: How to promote clean public transport in cities?

How to match cities'/transport authorities' demand with industry's offer?

Currently: **Clean Vehicle Directive 2009/33/EC**

Aimed at creating favourable market conditions

Lifetime impacts for purchase decisions:

- **Energy consumption; CO2 emissions;**
- **Pollutant emissions (NOx, NMHC, PM)**
- **Evaluation study delivered end 2015 – not fit for purpose**
- **Review announced in the Energy Union for 2017**
- **What else can we do?**

EXAMPLE: Directive 2014/94/EU **on the deployment of alternative fuels infrastructure**

- Adopted Oct 2014
- **Urban areas:** appropriate coverage of electric recharging stations and CNG refuelling stations by end 2020
- Member States national policy frameworks
Nov 2016
- European Alternative Fuels Observatory
March 2016

DEPLOYMENT OF ALTERNATIVE FUELS INFRASTRUCTURE	DATE
Electric vehicles recharging points – Urban agglomerations	2020
CNG - Urban agglomerations	2020
CNG - TEN-T Core Network	2025
Hydrogen	2025
LNG - Heavy duty vehicles	2025
LNG - Maritime ports	2025
LNG - Inland Waterways	2030
Shore-side electricity	2025

The 2013 Urban Mobility Package

http://ec.europa.eu/transport/themes/urban/ump_en.htm

- Calls for action from the Member States
- Commits to reinforce EU support
- Gives help for cities to develop Sustainable Urban Mobility Plans
- Gives recommendations for coordinated action in: Urban logistics, Urban access regulations, ITS deployment in urban areas, Urban road safety

The 2013 Urban Mobility Package

Help for cities to develop SUMP

- Member States are invited to assess their current urban mobility and develop an approach that ensures coordinated action at national, regional and local level
- The Commission proposes a concept for SUMP (content, process) based on experiences from across the EU
- The Commission set up a Platform on SUMP to coordinate EU action and provide a one-stop-shop portal (www.eltis.eu)

Annual Platform conferences:

Sopot – 2014, Bucarest – 2015, Bremen – 2016

Attracting public & private investment Reinforced EU financial support

- European Structural and Investment Funds
 - €13.7 billion for urban mobility 2014-2020 (**56% more** than 2007-2013)
 - Cities can spend directly 5% of funds on urban development
- Funding for research and innovation – HORIZON 2020
 - "Smart, Green and Integrated Transport" - 2016/17 topics pre-published
 - Transport Research Arena in Warsaw, 18-21/4: networking and information sharing
- Connecting Europe Facility funds for TEN-T projects
 - Since 2014, "**urban nodes**"
 - 2014 call – 7 urban nodes proposals for €50 million
 - TEN-T days 2016: Rotterdam, 20-22/6

Attracting public & private investment Financing opportunities (loans and guarantees)

- **European Investment Bank loans and guarantees**
 - Direct loans and guarantees for large-scale projects (>€25 million)
 - Intermediated loans and guarantees for small and medium-scale projects: national and regional intermediary banks
- **The European Fund for Strategic Investments (EFSI)**
 - Juncker Investment Plan
 - €21 billion guarantee from Commission and EIB
 - Increase EIB's lending capacity for more risky projects
 - Assurance to public and private investors
 - Total extra investment capacity in the EU economy: €315 billion
 - EFSI can finance fleets and equipment
- **ELENA and JESSICA technical assistance/advisory services**

Facilitating exchange of info and best practice

www.eltis.org

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



The screenshot shows the Eltis website homepage. At the top, there is a navigation bar with links for Search, Contact us, FAQ, Cookies, and Legal notice, along with a language selector set to English. Below the navigation bar is a header section with the Eltis logo and the tagline "The urban mobility observatory". The main content area features four large, colorful tiles: "DISCOVER" (blue), "RESOURCES" (red), "PARTICIPATE" (green), and "MOBILITY PLANS" (orange). Each tile has an illustration and a checkmark icon. Below the tiles is a section titled "Eltis Spotlight" with a "HAPPY NEW YEAR" message from the Eltis team and a link to a 5-minute survey. To the right of the spotlight is a "Friends of Eltis" section with a grid of user avatars and a list of activities: Propose new content, Get updates, Take part in forum discussions, Download photos and videos, and Leave comments and vote. At the bottom, there are two columns: "Case studies" and "News". The "Case studies" column features a case study titled "Reducing bus fuel consumption and emissions in Kiel (Germany)" dated 14 Dec 2015. The "News" column features a news item titled "Olsztyn reintroduces trams after 40-year absence (Poland)" dated 11 Jan 2016.



www.civitas.eu

- Join Us: for cities to become members of the CIVITAS network (free)
- Mobility solutions: CIVITAS demonstration measures in different areas or urban mobility (public transport, clean fuels etc.)
- Services: CIVITAS Knowledge Base and documents
- Policy Notes

2020 CIVITAS

THE CIVITAS INITIATIVE IS CO-FINANCED BY THE EUROPEAN UNION

LOGIN

CIVITAS INTERACTIVE

CIVITAS EXCHANGE HUB

Enter terms to search the knowledge base...

JOIN US

MOBILITY SOLUTIONS CIVITAS NETWORK WORKING GROUPS EVENTS NEWS AND MEDIA SERVICES ABOUT CIVITAS

The FORUM CITY HOST 2016 is GDYNIA!

The seaside city of Gdynia, a model for sustainable urban transport in Poland, will proudly host the CIVITAS FORUM 2016, the date of the Forum will be shortly announced

Read more

3rd European Conference on Sustainable Urban Mobility Plans

Presentations of 3rd DYN@MO Summer University now available

Three new City Forum Members

Read more

Upcoming Events

Webinar Safe Routes to School - inspiration from Granada and Malaga
26/01/2016

Transport for Smart Cities 2016
28/01/2016

Workshop Electromobility in CIVITAS cities
16/02/2016 to 17/02/2016

Training: Influencing behaviour through gamification
18/02/2016

Training: planning for cycling
05/04/2016 to 08/04/2016

Services

>> Knowledge Base

>> CIVITAS Interactive

>> Trainings

Info kick

>> CIVITAS leaflet
en | fr | de | es | cs | pl | hr | he | cn

>> CIVITAS newsletters

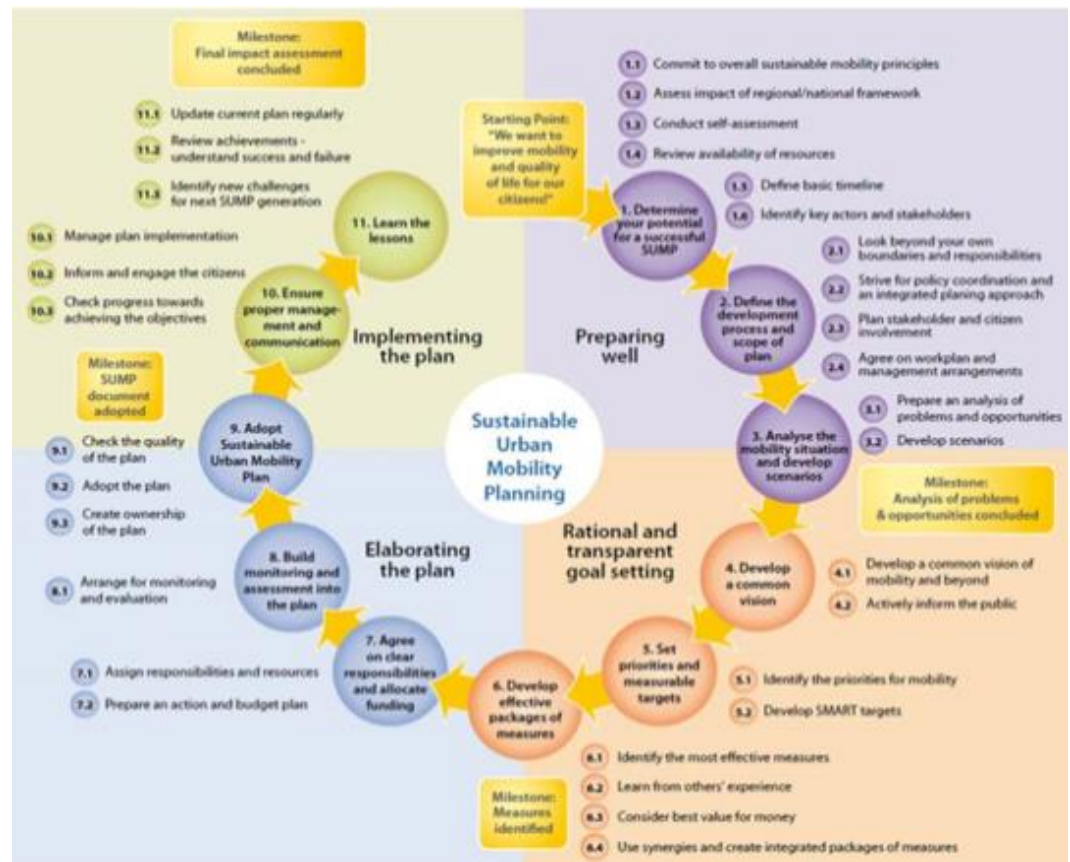
>> CIVITAS Plus II factsheet

>> CIVITAS slide show

>> CIVITAS Policy Notes

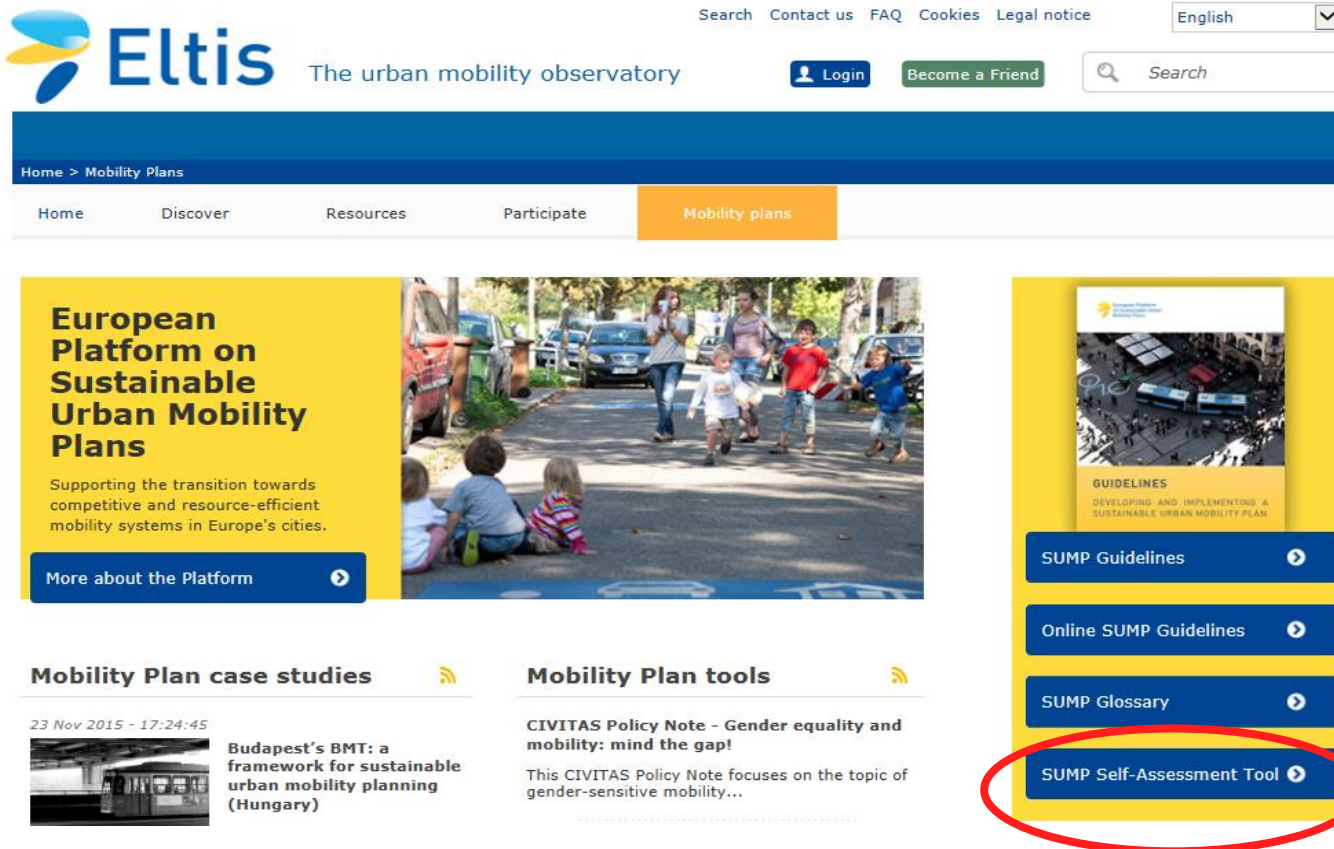
www.eltis.org

➤ *An extensive SUMP guide with a well-detailed process:*



www.eltis.org

➤ *A new SUMP self-assessment tool:*



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Search Contact us FAQ Cookies Legal notice English

Eltis The urban mobility observatory Login Become a Friend Search

Home > Mobility Plans

Home Discover Resources Participate Mobility plans

European Platform on Sustainable Urban Mobility Plans

Supporting the transition towards competitive and resource-efficient mobility systems in Europe's cities.

More about the Platform

Mobility Plan case studies

23 Nov 2015 - 17:24:45

Budapest's BMT: a framework for sustainable urban mobility planning (Hungary)

Mobility Plan tools

CIVITAS Policy Note - Gender equality and mobility: mind the gap!

This CIVITAS Policy Note focuses on the topic of gender-sensitive mobility...

SUMP Guidelines

Online SUMP Guidelines

SUMP Glossary

SUMP Self-Assessment Tool

Facilitating exchange of info and best practice

- Member States Expert Group on Urban Mobility:
 - Each Member State appointed a representative
 - Met for the first time in Oct 2014 and meets 2x per year
 - Objective is to help MS give more and more effective support to their local authorities to make urban mobility more sustainable
 - List of members, agendas & minutes of meetings accessible from:

Group n° E03165

<http://ec.europa.eu/transparency/regexpert/index.cfm>

Smart Cities – European Innovation Partnerships

Intersection between Energy, Transport and ICT

**Support roll-out of mature
replicable technologies**

Action cluster initiatives

- Smart electric mobility (EV4SCC)
- Smart mobility services

**Eindhoven Smart Cities Annual
meeting, 24 May**

- ❑ *associated event under Dutch
Presidency*
- ❑ *EIP can provide strong impetus for
overall **EU Urban Agenda** that we
adopt end of May in Amsterdam*



Smart Cities

SCC Action clusters

Smart Electro-mobility initiative (EV4SCC)

- **16 cities and regions and over 40 industry partners will**
 - **seek 50 other cities to join the platform**
 - **create 50 new projects by the end of 2017**

Smart Mobility Services initiative

- **10 cities and regions with their industry partners will:**
 - **seek to collaborate with at least 50 cities to replicate tested open-data provision of mobility services information**
 - **create an exchange platform for real time car-pooling in 10-cities**

These initiatives have been launched on 28 January 2016. They are open to collaboration. See www.eu-smartcities.eu, www.eu-smartcities.eu/content/electromobility and www.eu-smartcities.eu/content/new-mobility-services

Raising awareness

- European Mobility Week <http://www.mobilityweek.eu/>
 - 16-22 September every year
 - Culminates in car-free day
 - Mobility actions facility for a broader target group – please register online all year round!
 - Around 2000 cities participate annually:
 - Permanent measures
 - Full week of activities
 - Car-free day
- EU-award schemes
 - Civitas Award – in October
 - EMW and SUMP Awards - in March



EUROPEAN **MOBILITY** WEEK
16-22 SEPTEMBER



Festivals at the street Larnaka Cyprus

Smart mobility. Strong economy.

www.mobilityweek.eu

 [#mobilityweek](https://twitter.com/mobilityweek)



THE EUROPEAN UNION SUPPORTS
SUSTAINABLE URBAN MOBILITY

Useful weblinks

http://ec.europa.eu/transport/themes/urban/urban_mobility/ump_en.htm

<http://www.eltis.org>

http://ec.europa.eu/transport/media/newsletter/index_en.htm

<http://civitas.eu/>

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport>

<http://www.eib.org/about/invest-eu/>

<http://www.eib.org/index.htm>



Thank you for your attention!

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