



Training on SUMP

Module 1: Setting the
scene

06.07.2017

Simone Bosetti

TRT Trasporti e Territorio

- 1. SUMPORT Training on SUMP:**
objectives, programme and approach
- 2. Introduction to SUMP:**
background and concept
- 3. SUMPORT partner cities self presentation**
- 4. Training needs assessment**

- 1. SUPPORT Training on SUMP:**
objectives, programme and approach
2. Introduction to SUMP:
background and concept
3. SUPPORT partner cities self
presentation
4. Training needs assessment

SUMPORT Training on SUMP

TRT and our experience in Sustainable Urban Mobility Planning

- **TRT**: quantitative analysis, planning and economic assessment of transport systems and policies since 25 years
- Pioneer study on Sustainable Urban Transport Plans (SUTP) launched by the EC DG ENV in 2005
- Co-author of the **EU SUMP Guidelines “Developing and Implementing a Sustainable Urban Mobility Plan”**
- Key **EU projects dealing with SUMP**s: European Urban Transport Roadmaps 2030, PUMAS (Planning Sustainable Regional Urban Mobility in the Alpine Space), CIVITAS WIKI, BUMP (SUMP training activities to Italian cities), CIVITAS PROSPERITY
- Design and evaluation of **urban and regional sustainable mobility plans** in Italy: Parma, Alessandria, Padova, Piacenza, Naples, Aosta, Sicilian Islands, Prato, Vicenza and Milan



THEMATIC
GROUP
**INTEGRATED
PLANNING**



Rationale and objective

- SUMPORT's main objective is the **improvement of sustainable mobility in MED port cities**, by fostering the **uptake of Sustainable Urban Mobility Plans** in the MED area, with a specific focus on integrating city- and port-related traffic flows in the sustainable public transport planning
- Within project's WP 3 (Testing), Activity A.3.2 (Training for SUMP development/update), **trainings for the drafting of SUMP based on the SUMP concept elaborated by the European Commission** in 2013 and the EU guidelines will be organized
- This training programme is intended to provide public officials and local practitioners of SUMPORT cities with the **basic knowledge useful to successfully complete a SUMP planning cycle**
- MED port cities not having or developing SUMP will be able to **gain knowledge and ability to draft this planning tool in their local contexts**, also benefitting from the past experiences of project partners already having SUMP

Approach

- **Flexibility:** targeting very different contexts to work within and very different approaches to their work. Variations in the order of the training modules or in the detailed content and topics might be considered, based on the results of a **training needs assessment** ➔ **QUESTIONNAIRE**
- Training relevant to the particular target (i.e. port cities)
- Face-to-face training offering both information and inspiration:
 - Focused technical presentations
 - Case studies summaries
 - On-line tools (the URM tool, the Mobility Plans Self-Assessment Tool etc.)
- **Interactive:** direct engagement of participants. Trainers are here primarily to support and advise, not to lecture. Group brainstorming, parallel exercises in small groups, scenario/simulation workshops and business cases etc. are planned

Training programme

MODULE		CONTENT
N.	One	Setting the scene <ul style="list-style-type: none"> • European policies on sustainable urban mobility • Basic concept and benefits of SUMP • EU support and guidance
Timing	July 2017	
Location	Valencia (ES)	
N.	Two	Introduction to the SUMP planning cycle <ul style="list-style-type: none"> • Preparation • Development • Implementation • Monitoring
Timing	January 2018	
Location	Koper (SI)	
N.	Three	Case studies and best practices <ul style="list-style-type: none"> • Relevant experiences at EU level • Workshop exercises: self-assessment
Timing	July 2018	
Location	Igoumenitsa (EL)	
N.	Four	Measure selection <ul style="list-style-type: none"> • Integrated package of policy measures • Tools and approaches to select the measures • Workshop exercises: Urban Transport Roadmaps Tool
Timing	January 2019	
Location	Limassol (CY)	

Module 1: Setting the scene

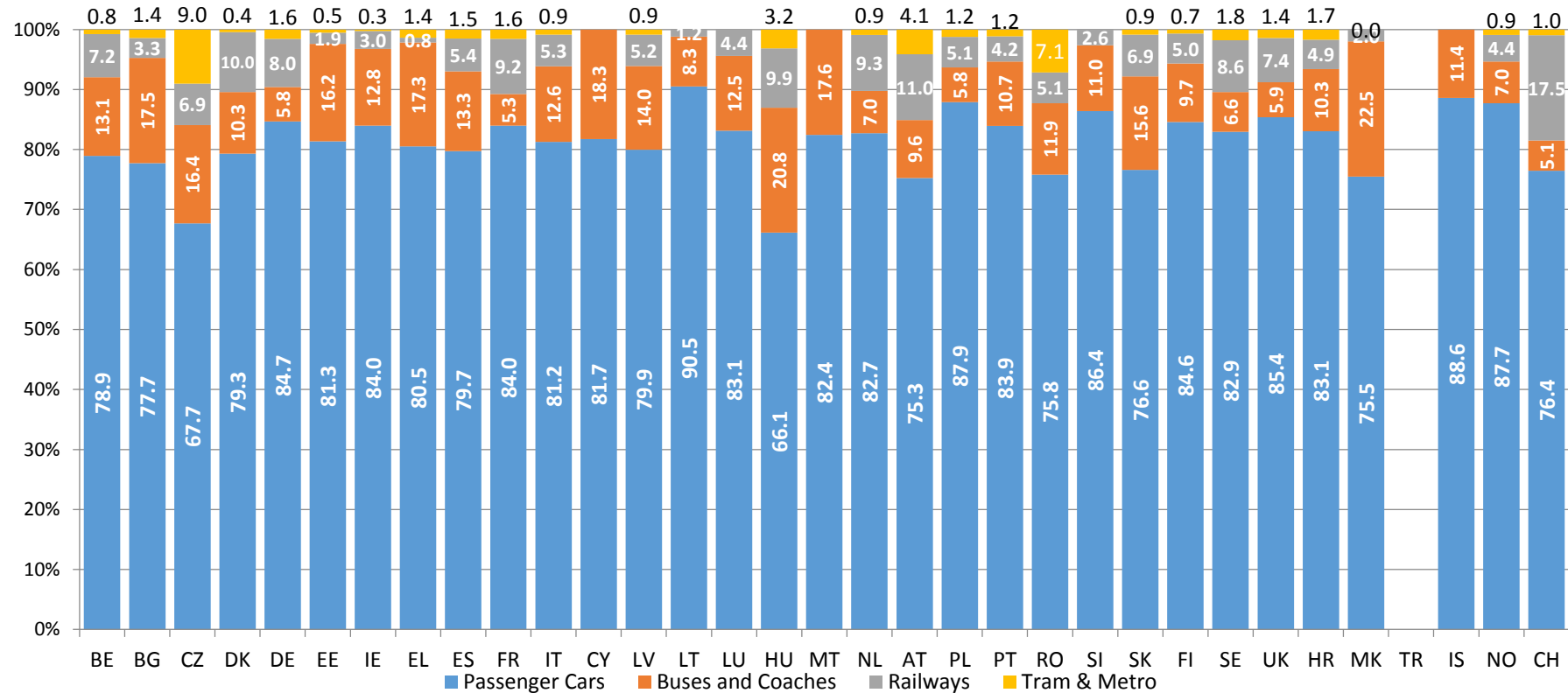
9.00 – 9.30	Registration
9.30 – 11.15	Introduction to SUMP: <ul style="list-style-type: none">▪ European policies on sustainable urban mobility▪ Sustainable Urban Mobility Plans (SUMP) concept, main steps and benefits: a new paradigm for urban mobility planning▪ European support to preparing, developing and implementing a Sustainable Urban Mobility Plan (financial opportunities, guidance documents and initiatives)▪ Sources for further in depth information and assistance
11.15 – 11.30	<i>Coffee break</i>
11.30 – 12.30	SUPPORT partner cities self-presentation: <p>Partner cities (Valencia, Koper, Igoumenitsa area, Durres, Limassol) will have 10 minutes each to introduce their local (planning) context with a short presentation (max. 10 slides), addressing:</p> <ul style="list-style-type: none">▪ Overview of the city / area▪ Main problems and objectives of the city' transport policy▪ Current status of SUMP process▪ Personal experience with SUMP
12.30 – 13.15	Training need assessment

1. SUMPORT Training on SUMP:
objectives, programme and approach
2. **Introduction to SUMP:
background and concept**
3. SUMPORT partner cities self
presentation
4. Training needs assessment

Introduction to SUMP's: background

Urban mobility in Europe

MODAL SPLIT

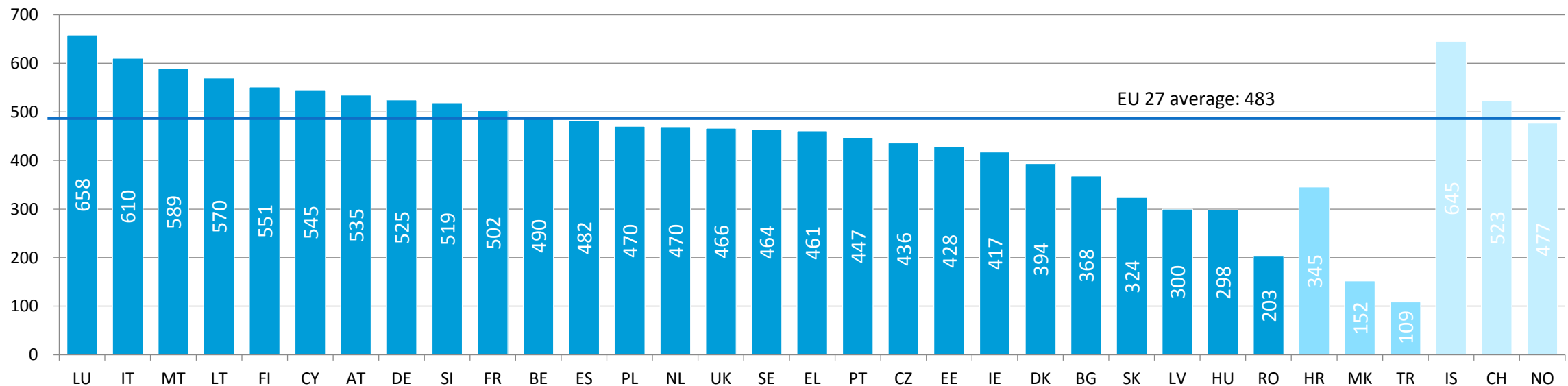


Source: Eurostat, 2013

Introduction to SUMP's: background

Urban mobility in Europe

MOTORIZATION RATE (CARS/1000 INHABITANTS)



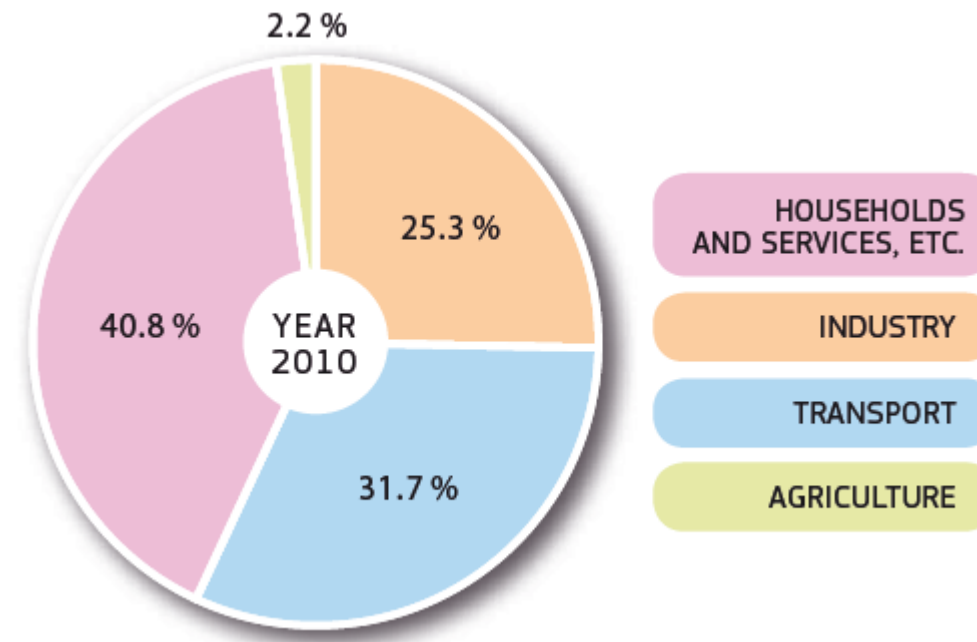
Source: Eurostat, 2013

Introduction to SUMP's: background

Urban mobility in Europe

FINAL ENERGY CONSUMPTION EU 27 BY SECTOR (%)

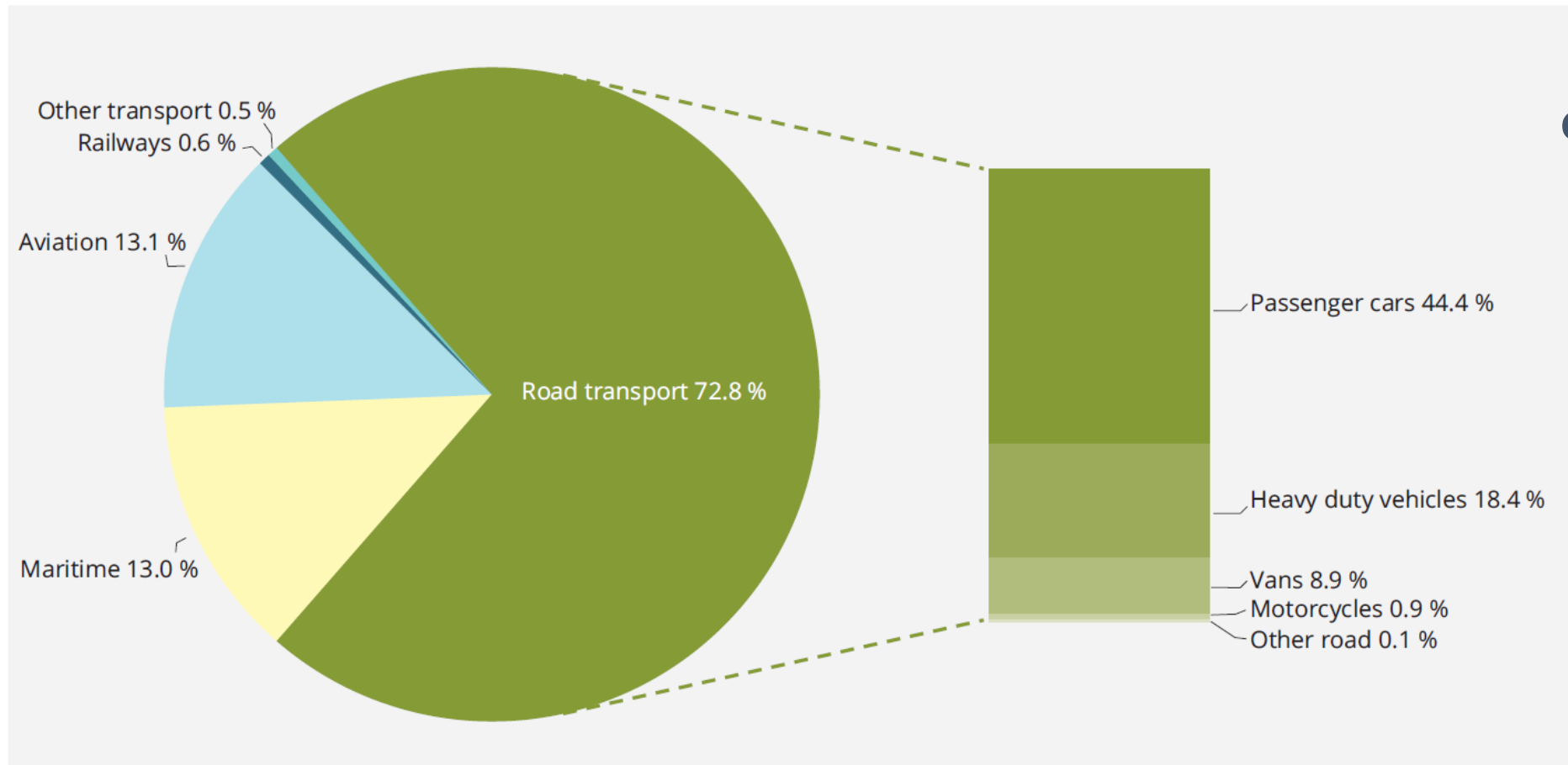
- Transport sector covers 32% of total final energy consumption
- 82% is due to road transport



Source: Eurostat, Transport in figures, April 2012

Introduction to SUMP's: background

Urban mobility in Europe



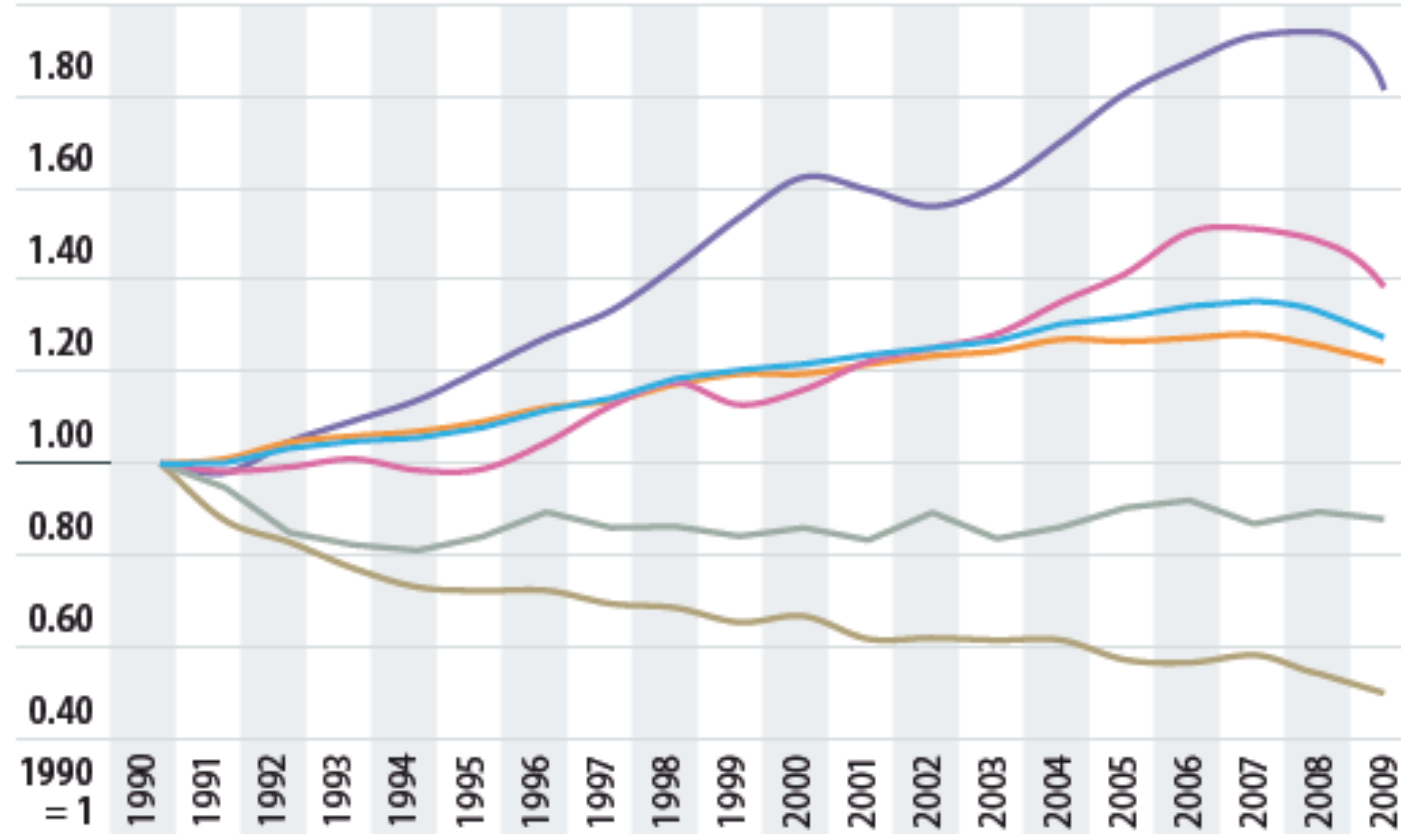
SHARE OF EU-28
TRANSPORT
GHG EMISSIONS BY MODE

Source: European Environment Agency, 2016

Introduction to SUMP's: background

Urban mobility in Europe

Total Civil Aviation - Road Transportation - Railways (***) - Total Navigation - Other - Total Transport



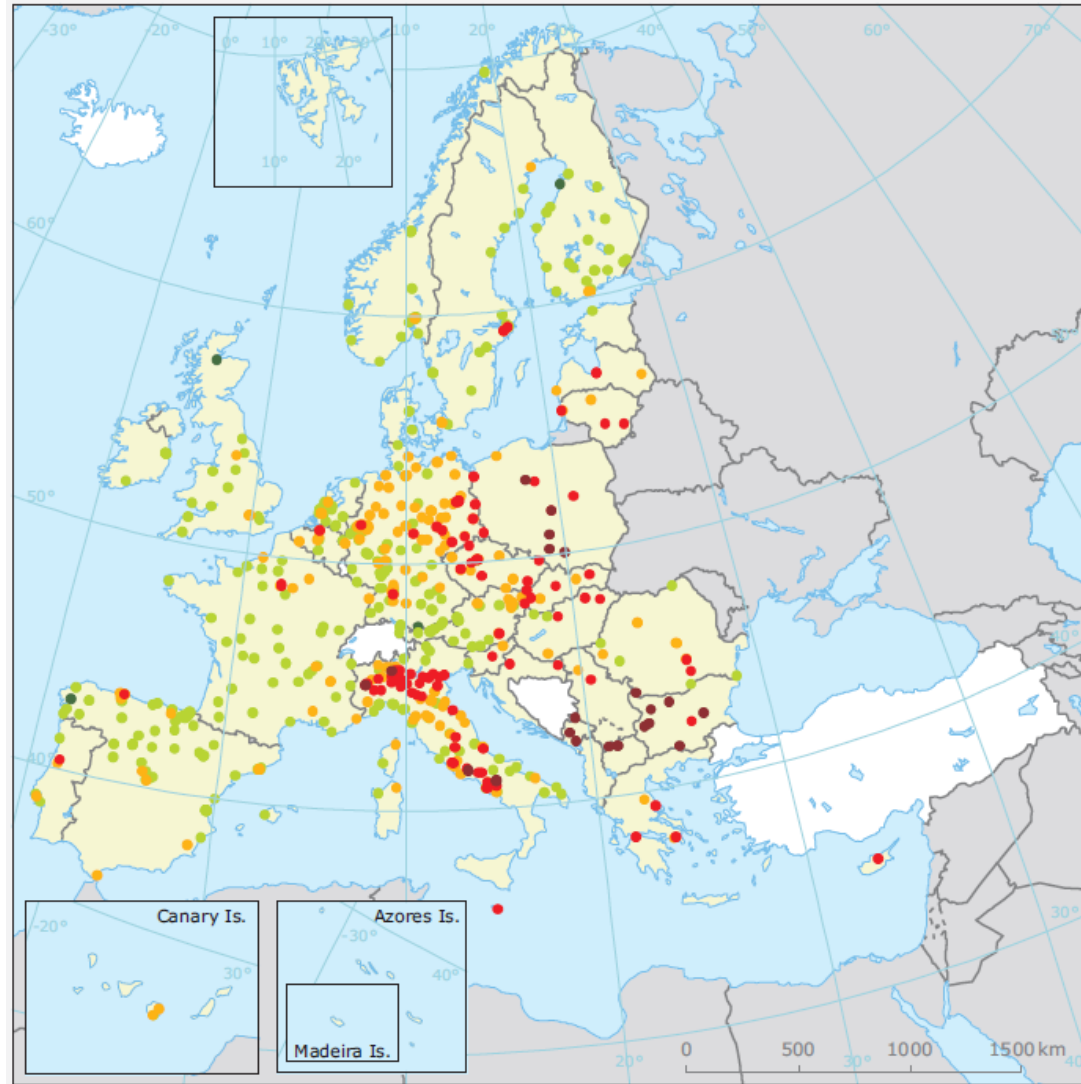
GHG EMISSION FROM TRANSPORT
EU 27 (1990=100)

Source: Eurostat, Transport in figures, April 2012

Introduction to SUMP's: background

Urban mobility in Europe

ANNUAL MEAN
 PM_{10} CONCENTRATION
OBSERVED AT TRAFFIC STATIONS

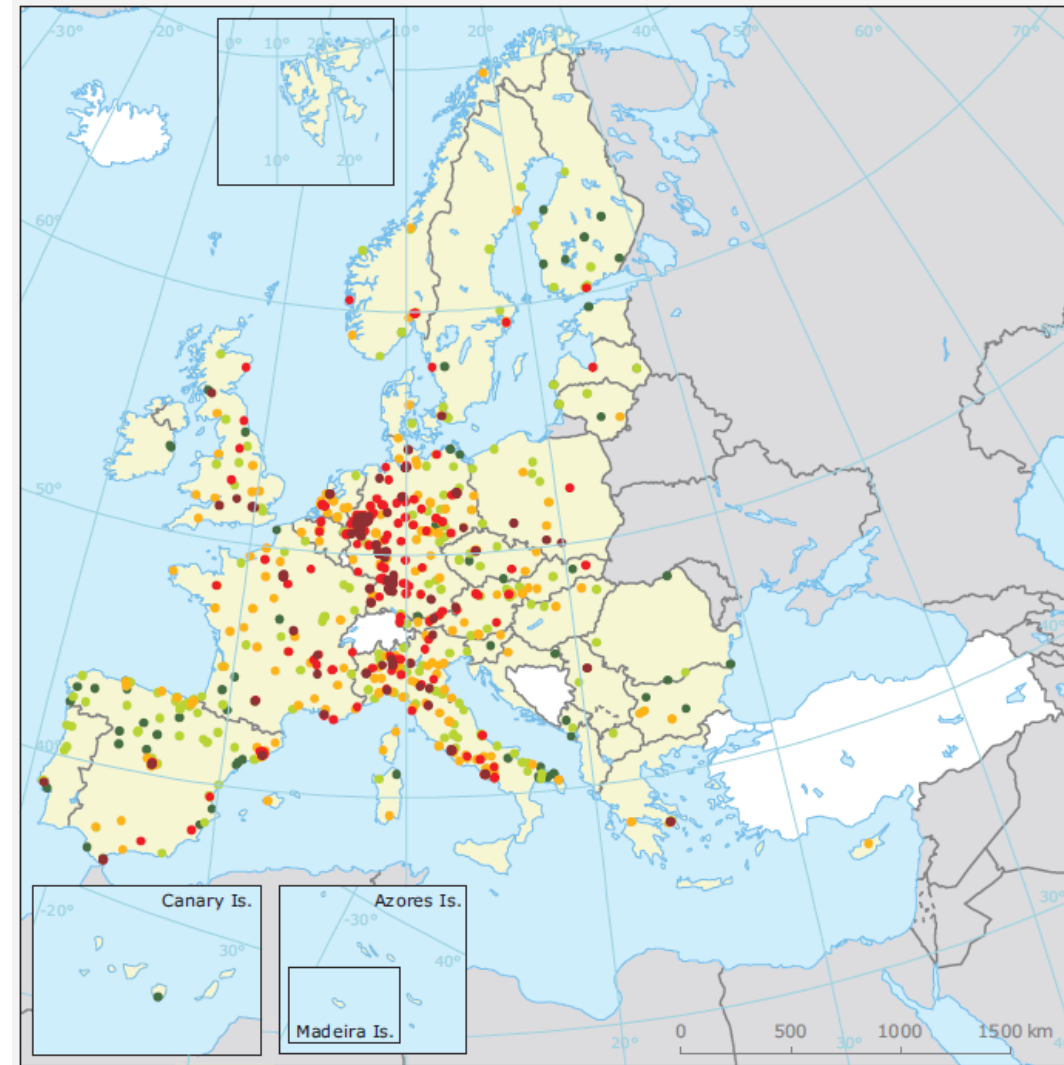
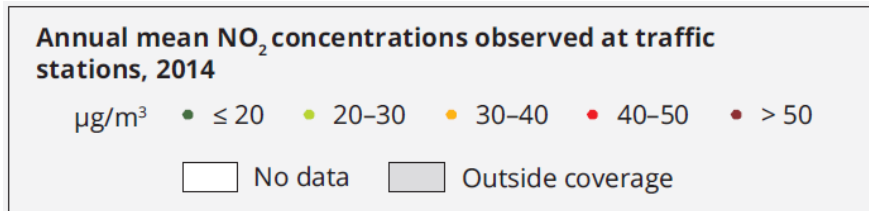


Source: European Environment Agency, 2016

Introduction to SUMP: background

Urban mobility in Europe

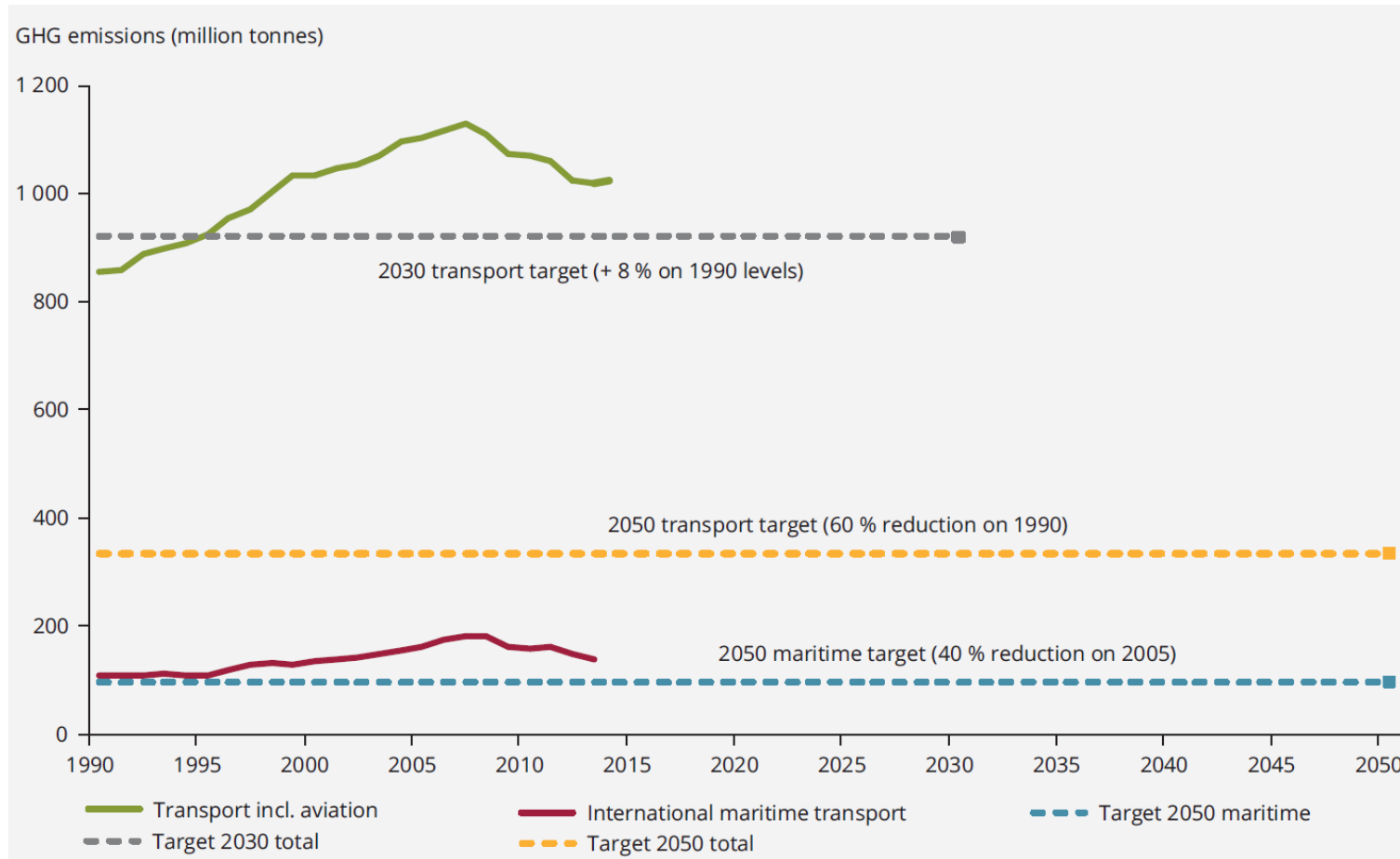
ANNUAL MEAN
NO₂ CONCENTRATIONS
OBSERVED AT TRAFFIC STATIONS



Source: European Environment Agency, 2016

Introduction to SUMP's: background

Urban mobility in Europe



EU 28
GHG EMISSIONS
FROM TRANSPORT

Source: European Environment Agency, 2016

Introduction to SUMP: background

Urban mobility and EU policy agenda

Growing importance of urban mobility in the EU agenda:

Action Plan on Urban Mobility (2009)

- 20 actions at EU level/ Action 1: **SUMP**
- Central role for Sustainable Urban Mobility Plans

Transport White Paper (2011)

three initiatives on Urban Mobility:

- Action 31 Sustainable Urban Mobility PLANS (SUMP)
- Action 32 Framework for urban road user charging and access restriction zones
- Action 33 – Zero-emission urban logistics - in major urban centres by 2030



Urban mobility and EU policy agenda

Urban mobility package (2013)

To address three initiatives of the 2011 Transport White Paper 'Roadmap to a Single European Transport Area':

- establishing **procedures and financial support mechanisms at the European level for preparing Urban Mobility Plans** (initiative 31)
- foreseeing the development of a package for urban road user charging and access restriction schemes (initiative 32)
- producing best practice guidelines to better monitor and manage urban freight flows (initiative 33)



Annex that sets out the concept of **Sustainable Urban Mobility Plans** (COM(2013)913-annex)

Urban mobility and EU policy agenda

Urban Agenda (2016)

The urban agenda brings together city governments, national governments and the European Commission to improve urban policy:

- Emphasises the importance of SUMP for achieving EU targets in respect of CO2 emissions, noise, air pollution and accident reduction
- Considers that **the development of SUMP should be a precondition for financing EU projects in the area of urban transport**



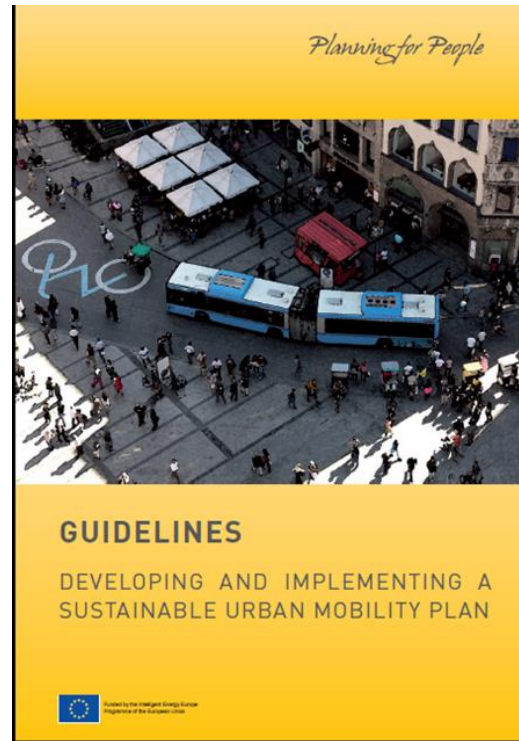
Urban mobility and EU policy agenda

EU Strategy for Low Emission Mobility (2016)

- Increasing the **efficiency** of the transport system by making the most of digital technologies, smart pricing and further encouraging the shift to lower emission transport modes
- Speeding up the deployment of **low-emission alternative energy for transport**, such as advanced biofuels, renewable electricity and renewable synthetic fuels and removing obstacles to the electrification of transport
- Moving towards **zero-emission vehicles**



Introduction to SUMP: approach



European Platform
on Sustainable Urban
Mobility Plans

www.eltis.org/mobility-plans

WHAT IS A SUSTAINABLE URBAN MOBILITY PLAN?

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.

It builds on existing planning practices and takes due consideration of integration, participation, and evaluation principles

Introduction to SUMP: approach

A CHANGE OF PARADIGM

Traditional Transport Planning	↔	Sustainable Urban Mobility Planning (SUMP)
Focus on traffic	↔	Focus on people
Primary objective: Traffic flow capacity and speed	↔	Primary objectives: Accessibility and quality of life, as well as sustainability, economic viability, social equity, health and environmental quality
Modal-focussed	↔	Balanced development of all relevant transport modes and shift towards cleaner and more sustainable transport modes
Infrastructure focus	↔	Integrated set of actions to achieve cost-effective solutions
Sectorial planning document	↔	Sectorial planning document that is consistent and complementary to related policy areas (such as land use and spatial planning; social services; health; enforcement and policing; etc.)
Short- and medium-term delivery plan	↔	Short- and medium-term delivery plan embedded in a long-term vision and strategy
Related to an administrative area	↔	Related to a functioning area based on travel-to-work patterns
Domain of traffic engineers	↔	Interdisciplinary planning teams
Planning by experts	↔	Planning with the involvement of stakeholders using a transparent and participatory approach
Limited impact assessment	↔	Regular monitoring and evaluation of impacts to inform a structured learning and improvement process

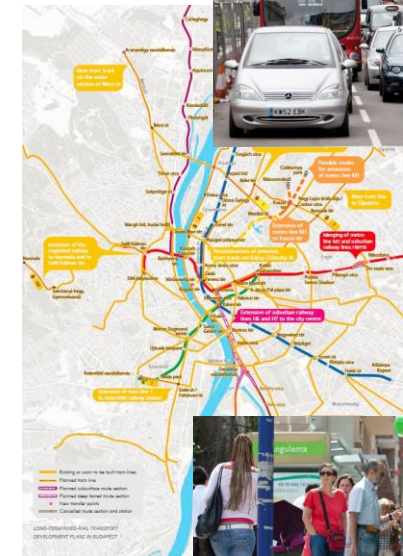
SUMP MAIN CHARACTERISTICS



- A **clear vision, objectives and a focus on achieving measurable targets** that are embedded in an overall sustainable development strategy
- A **long-term vision and clear implementation plan**. A long-term strategy and a plan for short-term implementation, specifying the timing for implementation, clearly allocating responsibilities and identifying resources and finances
- A **participatory approach** that involves citizens and stakeholders from the outset and throughout the planning process
- A **pledge for sustainability** to balance economic development, social equity and environmental quality
- An **integrated approach** that considers practices and policies of different policy sectors, authority levels, and neighbouring authorities
- A **review of transport costs and benefits**, taking into account wider social costs and benefits

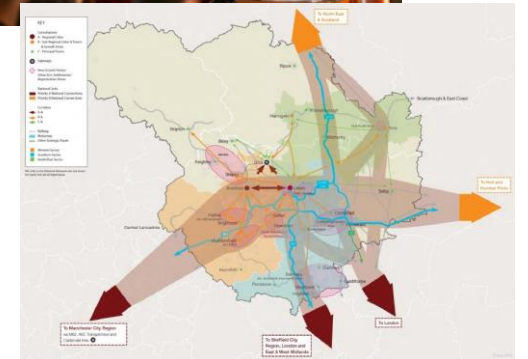
BENEFITS

- **Improving quality of life.** Well-coordinated policies result in more attractive public spaces, improved road safety, better health, and less air and noise pollution
- **Saving costs - creating economic benefits.** Mobility is a major enabler for a local economy. A healthier environment and reduced congestion helps to substantially reduce costs to the local community and attract new businesses
- **Contributing to better health and environment.** More sustainable mobility directly translates into better air quality and less noise. Travelling more actively (by walking and cycling more often) is good for citizens' health
- **Making mobility seamless and improving access.** Sustainable urban mobility planning is an excellent tool to create multi-modal door-to-door transport solutions
- **Making more effective use of limited resources.** At a time when financial resources are limited, it is even more important to ensure that the solutions adopted make the most cost-effective use of the funds available



BENEFITS

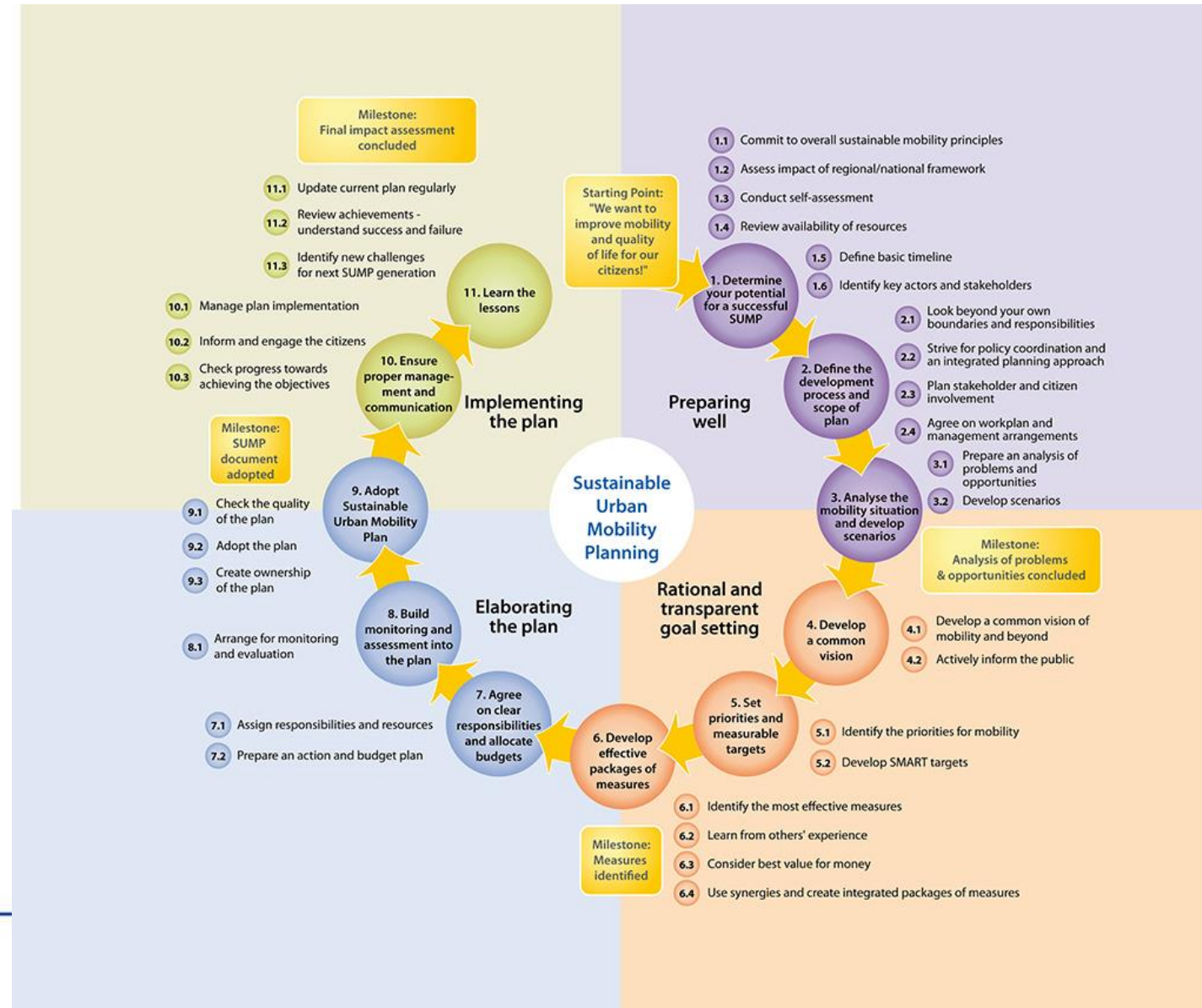
- **Winning public support.** Involvement of stakeholders and citizens is a basic principle of a SUMP. Obtaining a high level of "public legitimacy" reduces the risk of opposition to the implementation of ambitious policies
- **Preparing better plans.** An integrated and interdisciplinary approach to planning (with different departments bringing in their expertise) helps to put a mobility plan on a broader basis
- **Fulfilling legal obligations effectively.** Cities have to meet many, sometimes competing legal requirements. A Sustainable Urban Mobility Plan offers an effective way to respond through one comprehensive strategy
- **Using synergies, increasing relevance.** Urban mobility problems often span administrative boundaries, relate to multiple policy areas or concern a wide range of departments and institutions
- **Moving towards a new mobility culture.** As examples of many cities show, the outcome of continued sustainable urban mobility planning is a common vision of a new mobility culture



Introduction to SUMP: EU guidelines

SUMP Planning cycle

**4 PHASES,
11 MAIN STEPS
AND 32
ACTIVITIES**



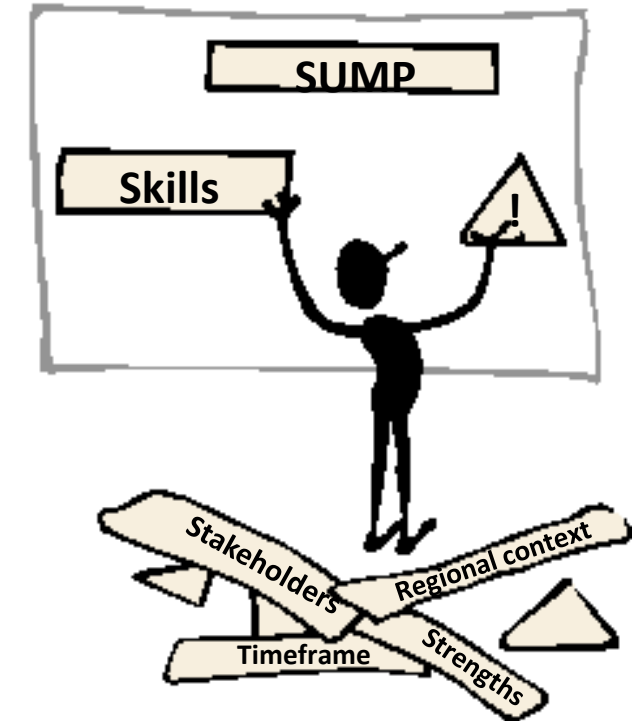
SUMP Planning cycle: Preparing well

1. Determine your potential for a successful SUMP

- Be ambitious yet realistic
(what can be done and who to involve)
- Commit to overall **sustainable mobility** principles
 - Assess impact of regional/national framework
 - Conduct self-assessment (strengths and weaknesses of your current planning practices, drivers and barriers): peer review
 - Review availability of resources (staff and skills – consider subcontracting, financial)
 - Define basic timeline
 - Identify key actors and stakeholders

Starting point:

"We want to improve mobility and quality of life for our citizens!"



SUMP Planning cycle: Preparing well

2. Define the development process and scope of the plan



- Look beyond your own boundaries and responsibilities
- Strive for policy coordination and an integrated planning approach
- Plan stakeholder and citizen involvement
- Agree on work plan and management arrangements

SUMP Planning cycle: Preparing well

3. Analyse the mobility situation and develop scenarios

- Prepare an analysis of problems and opportunities (data gathering and analysis)
- Develop scenarios (current trends, measures already programmed, new policy choices, different alternatives)



Milestone:

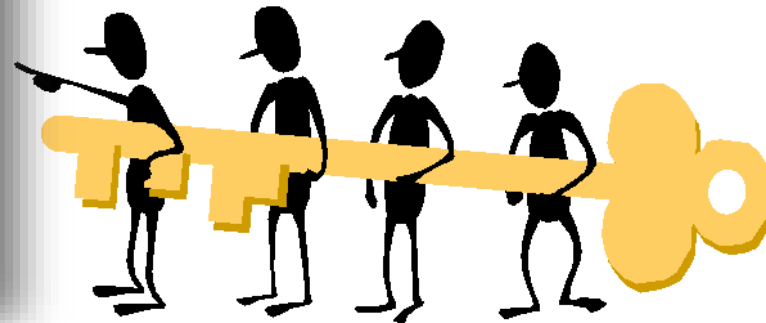
Analysis of problems and opportunities concluded

SUMP Planning cycle: Rational and transparent goal setting

4. Develop a common vision and engage citizens



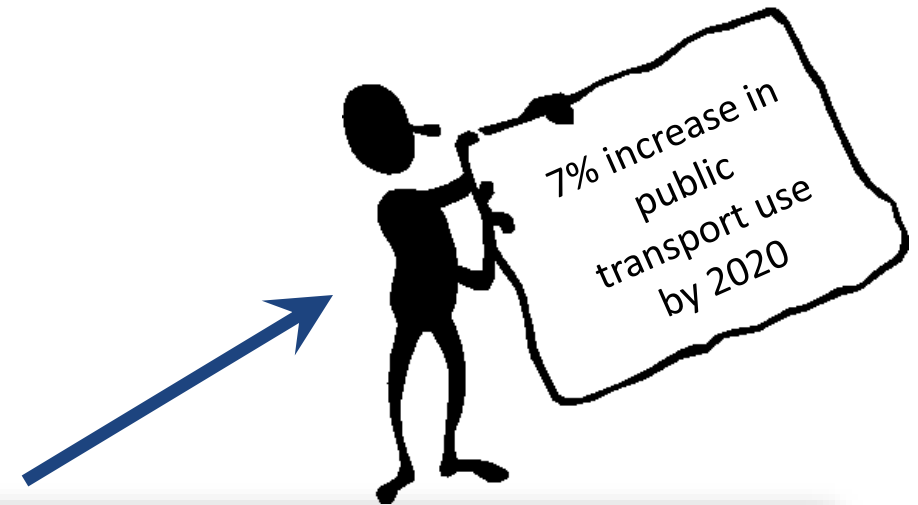
- Develop a common vision of mobility and beyond
- Actively inform the public



SUMP Planning cycle: Rational and transparent goal setting

5. Set priorities and measurable targets

- Identify the priorities for mobility
- Develop SMART (specific, measurable, achievable, realistic, time-bound) targets



SUMP Planning cycle: Rational and transparent goal setting

6. Develop effective packages of measures

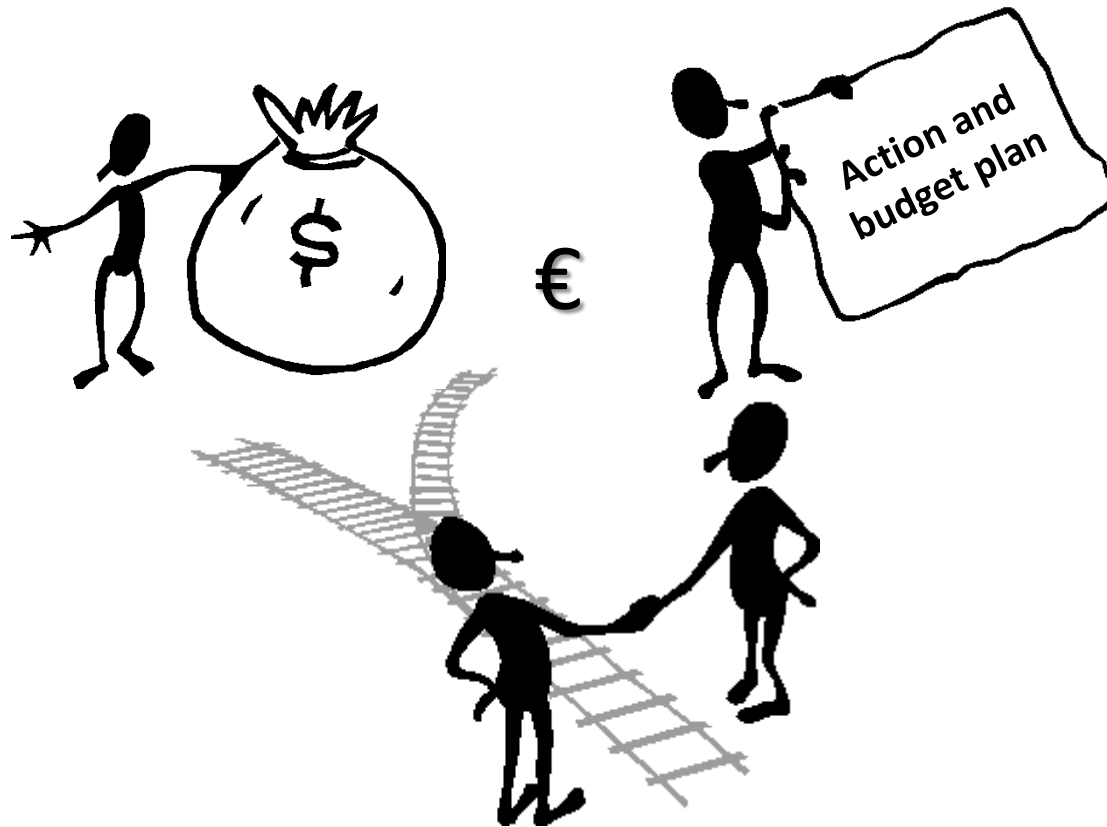
- Identify the most effective measures
- Learn from others' experience
- Consider best value for money
- Use synergies and create integrated packages of measures



Milestone:
Measures identified

SUMP Planning cycle: Elaborating the plan

7. Agree on clear responsibilities and allocate budgets



- Assign responsibilities and resources
- Prepare an action and budget plan

SUMP Planning cycle: Elaborating the plan

8. Build systems for monitoring and assessment into the plan

- Arrange for monitoring and evaluation

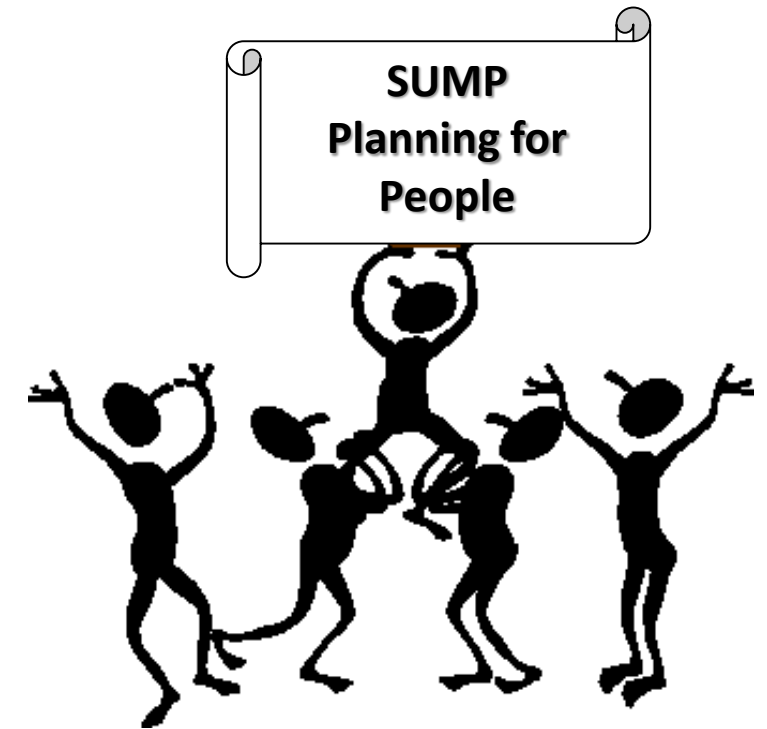
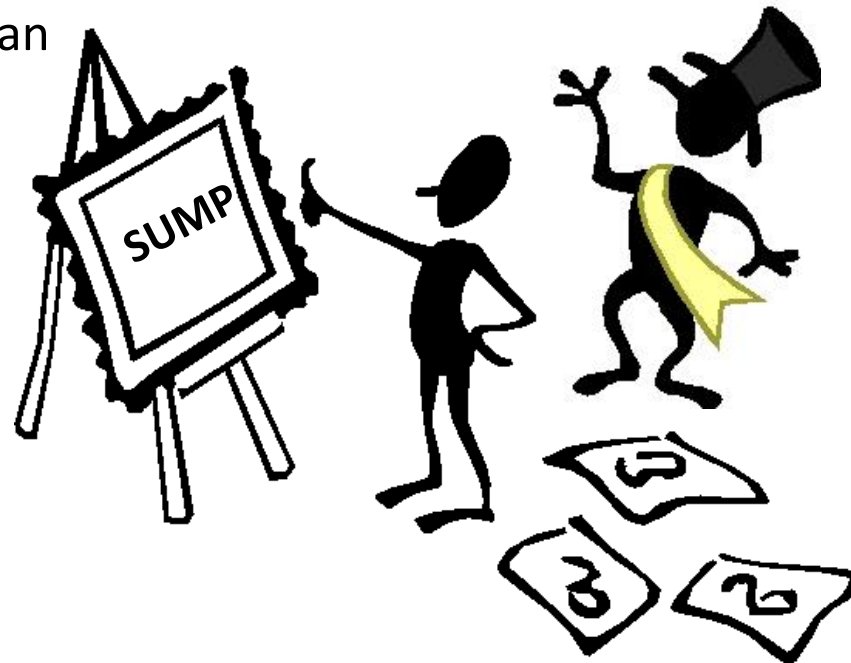


SUMP Planning cycle: Elaborating the plan

9. Adopt the SUMP

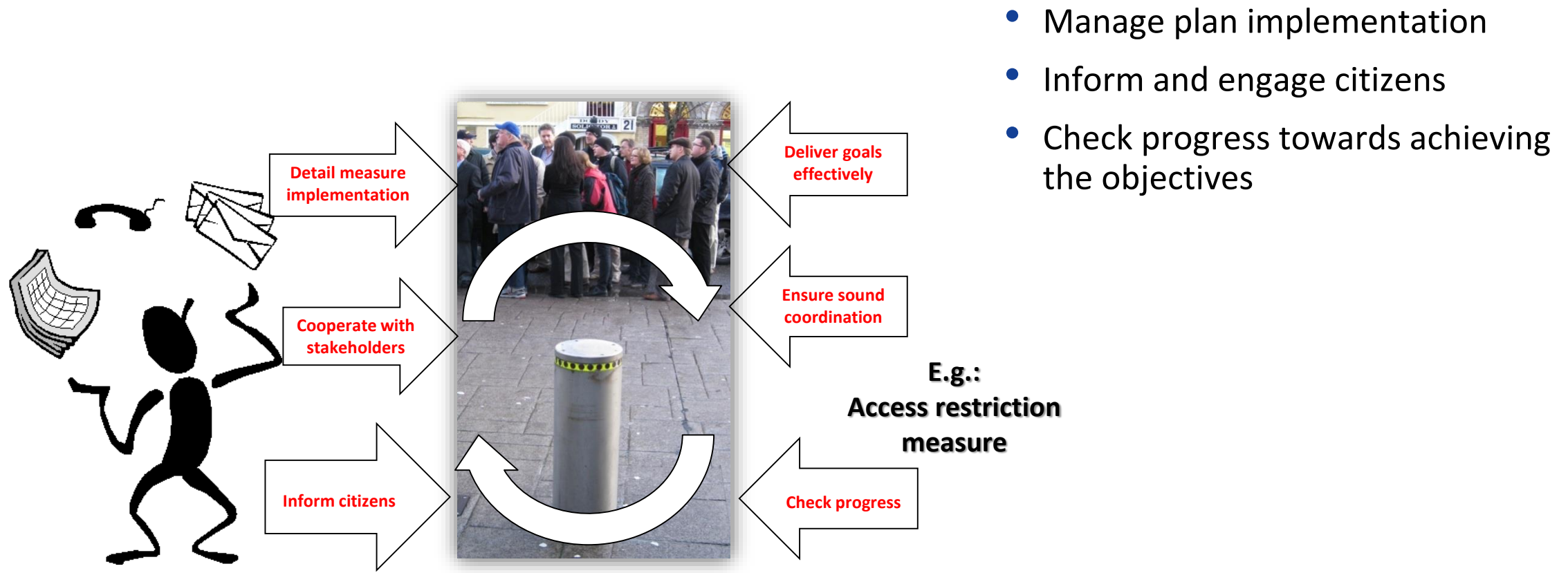
- Check the quality of the plan (final plan document)
- Adopt the plan
- Create ownership of the plan

Milestone:
SUMP document
adopted



SUMP Planning cycle: Implementing the plan

10. Ensure proper management and communication (when implementing the plan)

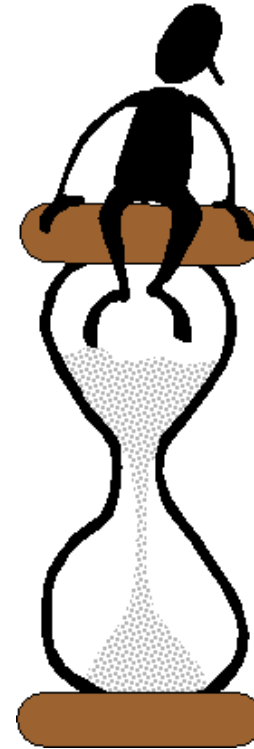


SUMP Planning cycle: Implementing the plan

11. Learn the lessons

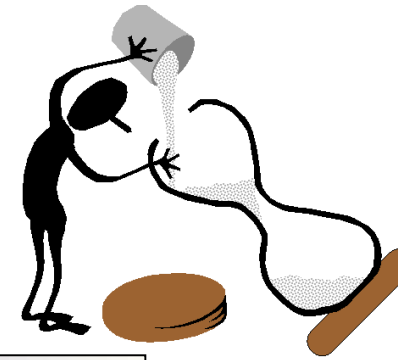
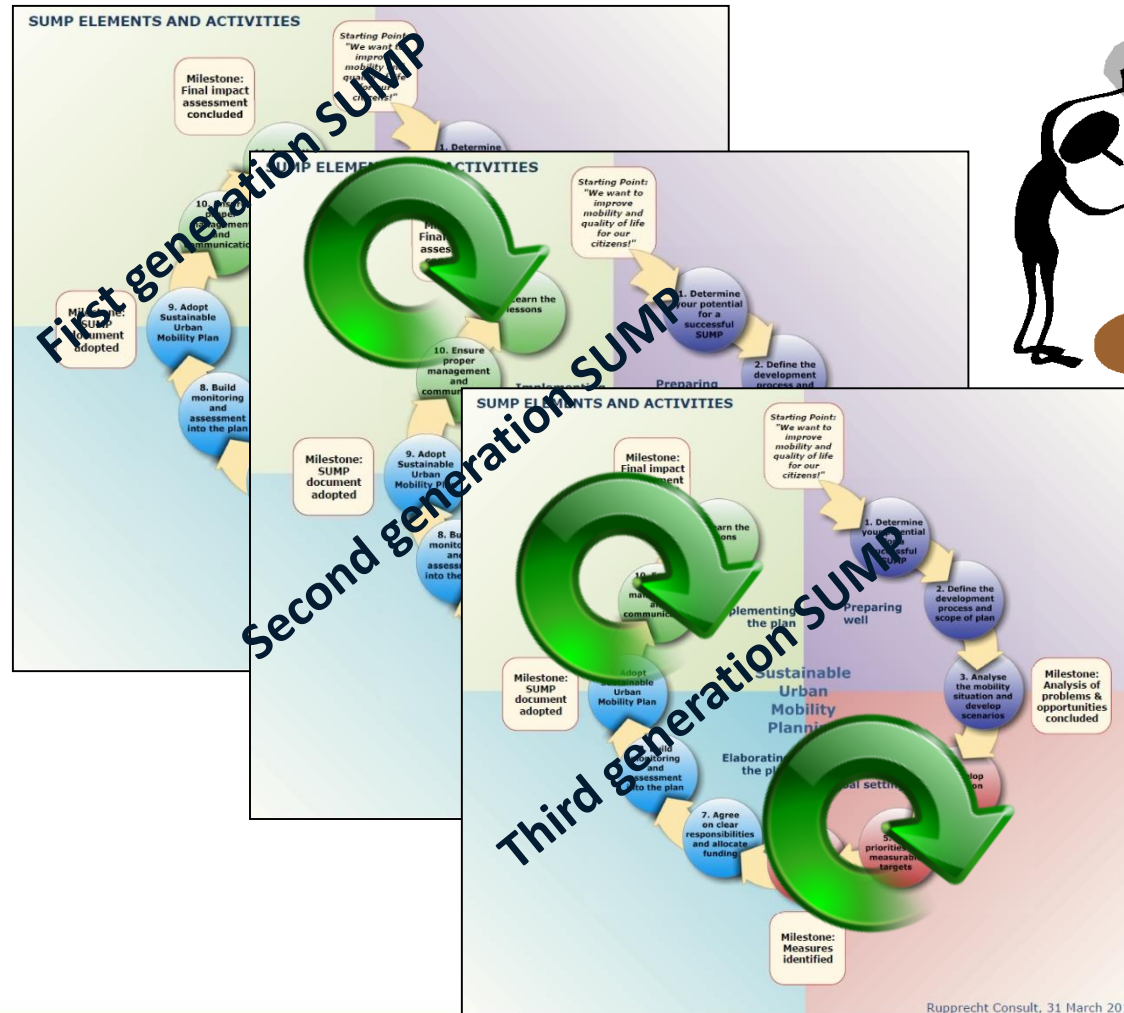
- Update current plan regularly
- Review achievements – understand success and failure
- Identify new challenges for next SUMP generation

Milestone:
Final impact assessment
concluded

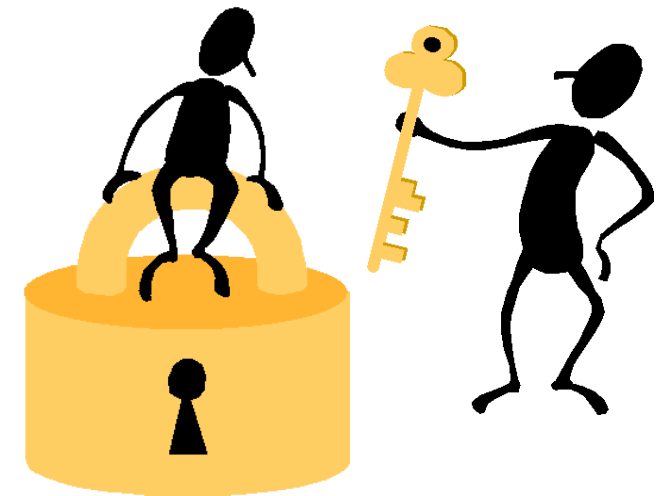


Introduction to SUMP: EU guidelines

SUMP: a planning process



Gradually develop the potential of cities



Introduction to SUMP: resources

EU Support

European support to prepare, develop and implement a Sustainable Urban Mobility Plan:

- Initiatives
- Guidance documents
- Financial opportunities

The screenshot shows the 'Mobility Plans' section of the SUMP website. The navigation bar includes 'Home', 'Discover', 'Resources', 'Participate', and 'Mobility plans'. The main content area features a large yellow banner for the 'European Platform on Sustainable Urban Mobility Plans' with a 'More about the Platform' button. Below this are two columns: 'Mobility Plan case studies' and 'Mobility Plan tools'. The case studies include 'Carpooling as part of an integrated transport system in Toulouse (France)' by Lucia Cristea and 'Communication and participation in urban mobility planning in Vienna (Austria)' by Vincent Neumayer. The tools section lists 'Planning sustainable urban logistics', 'CHUMS Carpool Site Appraisal Tool', 'CIVITAS Policy Note - Cities towards Mobility 2.0: connect, share and go!', 'SUMP Institutional Cooperation Kit', and 'SUMP Self-Assessment Tool'. On the right side, there is a vertical sidebar with buttons for 'SUMP Guidelines', 'Online SUMP Guidelines', 'SUMP Glossary', and 'SUMP Self-Assessment Tool'.

EU SUMP Platform

The **European Platform on Sustainable Urban Mobility Plans** supports the transition towards competitive and resource-efficient mobility systems in European cities by:



- Supporting the **further development** of the Sustainable Urban Mobility Plan (SUMP) **concept and the tools** required for its successful application by local planning authorities
- Providing the **Mobility Plans portal** to disseminate relevant information, publications and tools
- Facilitating the **co-ordination and co-operation** across the different EU-supported actions through a Co-ordinating Group
- Offering **opportunities for the exchange of knowledge, experiences and contacts** through an annual SUMP conference, events, training courses and social media

The Mobility Plans portal

The Mobility Plans portal provides you with a wealth of information on how to develop and implement a SUMP, including:

- **Information** about the elements of a SUMP
- **Guidelines** on the process of developing and implementing a SUMP
- Selected **tools, guides, handbooks** and reports to support urban mobility professionals in their work
- **Case studies** that analyse selected local examples of the development and implementation of mobility plans
- A **Forum** on which Friends of Eltis discuss all matters related to sustainable urban mobility
- A **database** on the involvement of cities in EU activities related to sustainable urban mobility planning

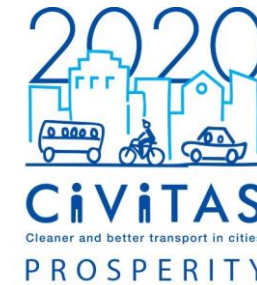
www.eltis.org/mobility-plans

Introduction to SUMP: resources

EU SUMP Platform Coordinating Group

It brings together representatives from relevant on-going EU-supported actions to:

- Exchange information and lessons learnt
- Identify and exploit synergies
- Agree on common views to inform the further development of the SUMP concept and tools
- Assist in the co-ordination of outward presentation of the various initiatives



Annual EU Conferences on SUMP

The Platform organises annual conferences to promote the concept of SUMP across the EU. The conferences highlight the latest developments in urban mobility planning, foster the exchange of ideas and experiences and offer a networking opportunity:

1. [Sopot](#) (Poland) in 2014
2. [Bucharest](#) (Romania) in 2015
3. [Bremen](#) (Germany) in 2016
4. [Dubrovnik](#) (Croatia) in 2017
5. Nicosia (Cyprus) on 14-18 of May 2018



Intelligent planning
for sustainable mobility

DRAFT CONFERENCE PROGRAMME

The conference is financed by the European Commission with the support of the host City of Dubrovnik.



European Platform
on Sustainable Urban
Mobility Plans



www.eltis.org/SUMP2017
#SUMPconference2017

The European SUMP Award

The European SUMP Award recognises local authorities that have developed a Mobility Plan that satisfies the diverse transport needs of people and businesses, whilst improving quality of life. The award highlights a different aspect of mobility planning in each edition:

- The 1st edition of the award opened in 2012 and recognised **stakeholder and citizen participation** in the SUMP process
- The 2nd SUMP Award edition looked at successful **territorial and policy integration**
- The 3rd SUMP Award recognised outstanding work regarding **monitoring and evaluation** of the SUMP
- The 4th SUMP Award focused at providing for **multimodality and intermodality** in sustainable urban mobility planning.
- The 5th SUMP Award acknowledged the integration of **urban freight** in transport planning

SUMP
Award

EU funding opportunities

Under the EU Cohesion Policy:

- [European Structural and Investment Funds](#)
- [JASPERS](#)
- [INTERREG](#)
- [URBACT III](#)
- [Urban Innovative Actions](#)

Under the European Investment Bank:

- [Loans and guarantees](#)
- [ELENA](#)
- [JESSICA](#)
- [European Energy Efficiency Fund](#)

Others:

- [LIFE](#)
- [Connecting Europe Facility funds](#)
- [Horizon 2020](#)
- [European Fund for Strategic Investments](#)
- [Fuel Cell and Hydrogen Joint Undertaking for H2 mobility related projects](#)

1. SUMPORT Training on SUMP:
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2. Introduction to SUMP:
background and concept
3. **SUPPORT partner cities self
presentation**
4. Training needs assessment

Overview

- Some SUMPORT partner cities, as **Valencia** and **Koper**, have already drafted a SUMP, respectively in 2013 and 2015
- Others, such as **Igoumenitsa**, **Durres** and **Limassol** have already implemented low-carbon mobility measures but lack an organic SUMP
- During the period of MED projects evaluation, Igoumenitsa Municipality and the Cypriot Ministry of Public Works have initiated the procedures to elaborate SUMPs in **Igoumenitsa** and **Limassol** metropolitan area
- **Durres** will be the only MED port city project partner not having SUMP elaborated or under elaboration and will draft its own SUMP
- The Regional Unit of **Thesprotia** will develop a plan to extend the principles of sustainable mobility planning beyond the Municipality of **Igoumenitsa** and **Limassol** will contribute to the work of the Cypriot government
- The **Valencia** Port Foundation will update its Port Sustainable Mobility Plan and develop a specific action plan

Rules of the game

One representative from each city, ten minutes, up to ten slides to describe:

- Overview of the city / area (including “port” specificities)
- Main problems and objectives of the city' transport policy
- Current status of SUMP process
- Personal experience with SUMP

The foor is yours! (in alphabetical order)

1. Durres
2. Koper
3. Limassol
4. Valencia
5. Thesprotia / Igoumenitsa area

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4. **Training needs assessment**

Questionnaire and discussion

- Let's learn more about your needs and expectations!
- A short questionnaire to be filled in either on paper or online:

goo.gl/ZEztAv

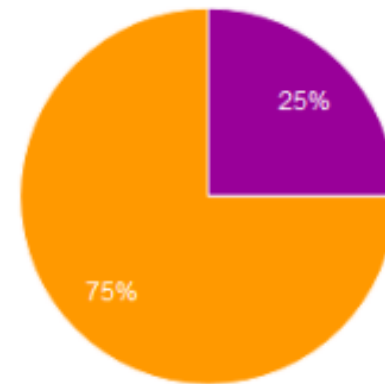


Questionnaire

- First section: Who are you?
 - Introducing yourself: name, organisation, role
- Second section: What is your background?
 - What is the status of the SUMP process (planning and implementation) in your city?
 - What are your objectives in mobility planning within SUMPORT (and its time frame)?
 - What is/will be your role with specific reference to SUMP drafting/updating in your city?
 - What is your level of knowledge of the SUMP concept and process?
- Third section: What are your expectations?
 - What are your main objectives and expectations from the trainings?
 - What are the steps of the SUMP planning cycle or topics where you would need more support?
 - The training programme is currently based on the following four modules. How would you rate each of them?
 - Any other comment or suggestion?

What is the status of the SUMP process (planning and implementation) in your city?

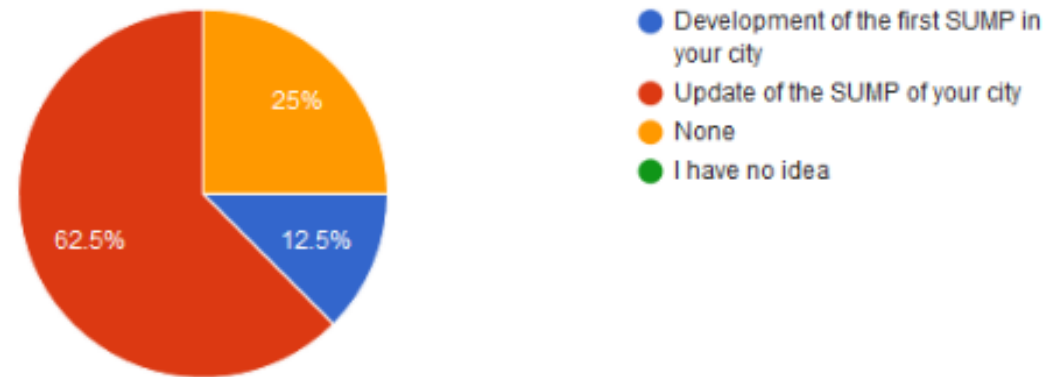
8 responses



- No comprehensive urban mobility plan yet
- Some sort of mobility plans is in place, but not a SUMP yet
- The development of a SUMP is in progress
- An approved SUMP is in place
- An existing SUMP is to be updated
- I have no idea

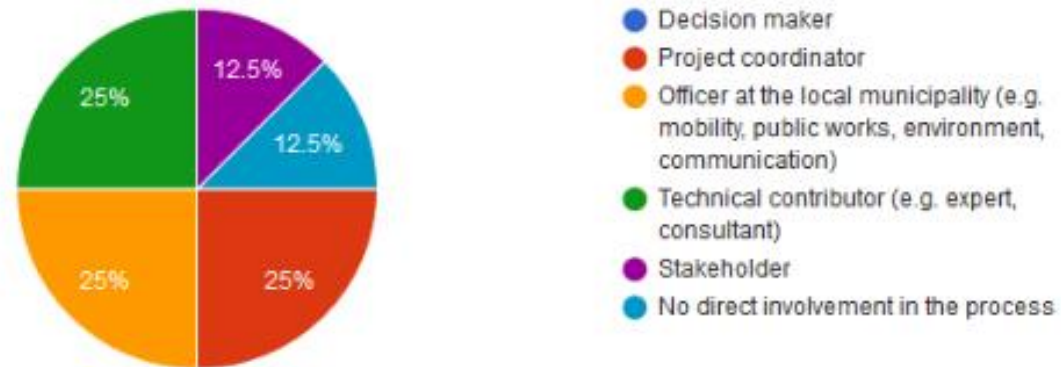
What are your objectives in mobility planning within SUMPORT (and its time frame)?

8 responses



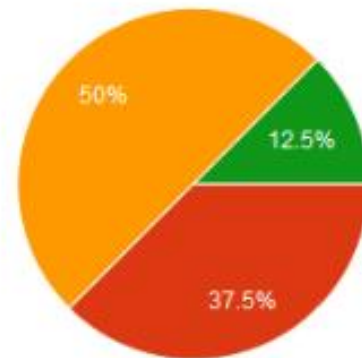
What is/will be your role with specific reference to SUMP drafting/updating in your city:

8 responses



What is your level of knowledge of the SUMP concept and process?

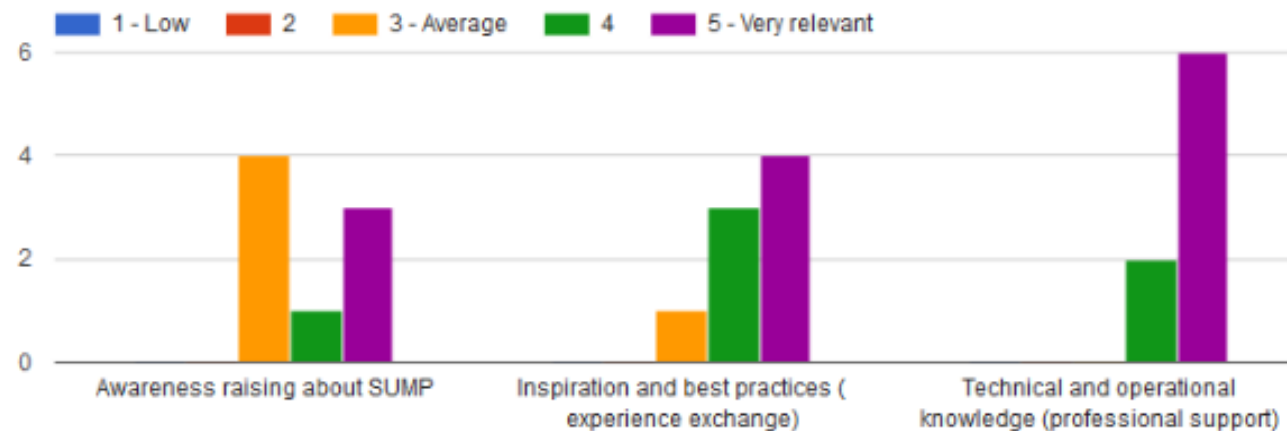
8 responses



- None (I've never heard about it)
- Basic (I know what it is about, but I've never participated in a SUMP)
- Intermediate (I have already participated in a SUMP)
- Advanced (I have already developed a SUMP)

Training needs assessment

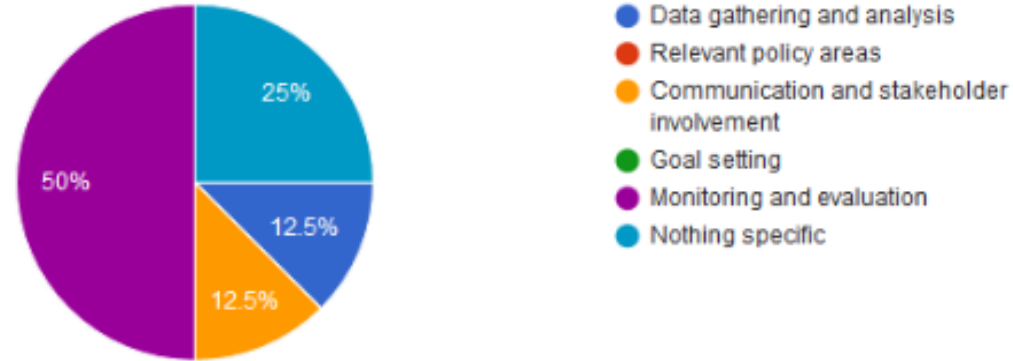
What are your main objectives and expectations from the trainings? (please rank from 1 – low interest – to 5 – very relevant)



Training needs assessment

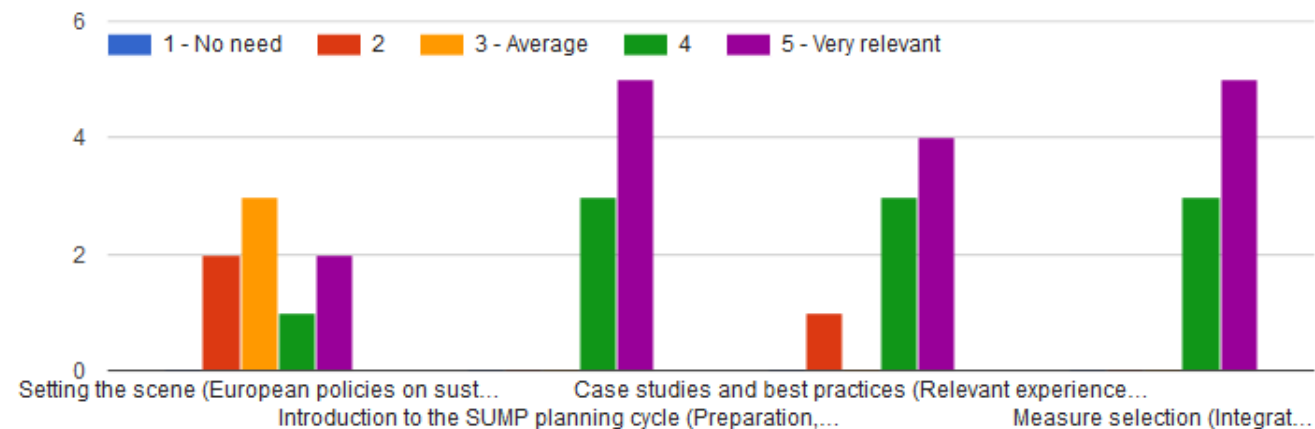
What are the steps of the SUMP planning cycle or topics where you would need more support?

8 responses



Training needs assessment

The training programme is currently based on the following four modules.
How would you rate each of them? (please rank from 1 – no need – to 5 – very relevant)





**Thank you
for your kind
attention**

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City of Kotor



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Las Naves



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Aristotle University of Thessaloniki



Region of Epirus
Regional Unit of Thesprotia

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