

Sustainable Urban Mobility Plan (SUMP) training

Prague, Czech Republic
9-10 October



The SUMP training sessions are managed by JASPERS-EIB, supported by a Consortium constituted by TRT Trasporti e Territorio, TIS, DTV, TREDIT, STRATEC, Goudappel and Eurocities.

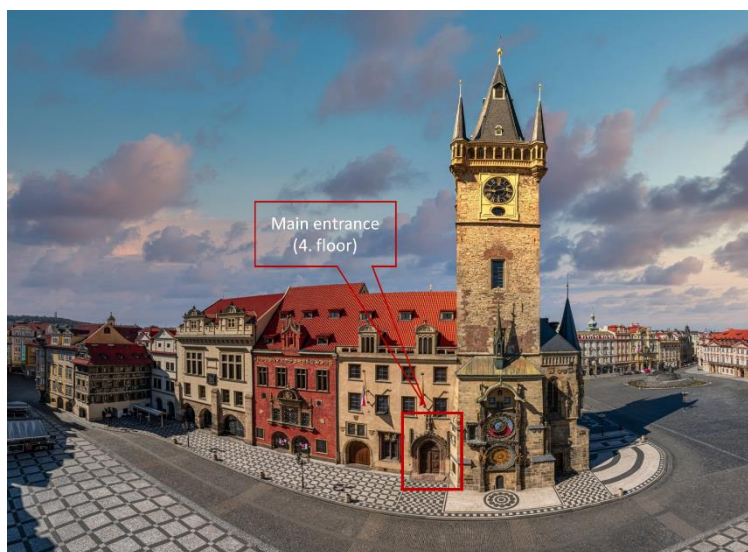
Venue information




Hall of Architects | Old City Hall
4th floor
Staroměstské nám. 1, Praha 1
Czech Republic


Access the building through the main entrance. Entrance to the building is open without registration.

The 4th floor can be reached by stairs or elevator.



How to reach the venue:

 NO car access to the venue. Closest street to drive to is Malé náměstí, Prague 1:
<https://maps.app.goo.gl/JvdN7tz5hHUKSgop7>;

 parking: nearest parking is in the garage near Rudolfinum (Czech Philharmonic building); see directions here:
<https://www.ceskafilharmonie.cz/doprava-a-parkovani/>.

Public Transport

Information about public transport can be found at <https://maps.app.goo.gl/zTLA5S6HcGmpnmtj9>.















From the main train station, it is a 20 minute walk to the venue (1,5 kilometers).










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Agenda

Day 1 – 9 October 2024

10.00-10.10	Introduction by Mgr. Michal Ulrich Czech Ministry of Transport	
10.10-10.15	Introduction by Paul Riley EIB-JASPERS	
10.15-10.30	Tour de table	
10.30-11.50	Basics of SUMP methodology and practice	
11.50-12.10	<i>Coffee break 1</i>	
12.10-13.00	The link between Strategic Plans, Programming, Pipeline and project preparation	
13.00-13.40	<i>Light lunch</i>	
13.40-14.30	Urban nodes and the interface between local and strategic transport	
14.30-15.30	Indicators, Targets and Monitoring	
15.30-15.50	<i>Coffee break 2</i>	
15.50-16.50	Road Safety and street design	
16.50-17.00	Wrap up Day 1	

Day 2 – 10 October 2024

9.00-9.05	Introduction by Christiaan Kwantes Key Expert/speaker	
9.05-10.05	SUMPs for small and medium sized cities	
10.05-11.05	Active modes and micromobility	
11.05-11.30	<i>Coffee break 3</i>	
11.30-12.30	Freight and logistics	
12.30-13.30	<i>Light lunch</i>	
13.30-14.30	Citizen/Stakeholder engagement and communication	
14.30-14.55	Wrap up and conclusions Christiaan Kwantes & Kristina Gaučė Key experts/speakers Paul Riley EIB-JASPERS Mgr. Michal Ulrich Czech Ministry of Transport	
14.55-15.00	Distribution of participation certificates	

Presentation of the trainers

Key Expert A – Christiaan Kwantes



Christiaan has over 20 years of national and international experience in infrastructure and mobility planning. He mostly works on projects involving integrated mobility policy development at a regional and urban level. He has hands-on experience in drafting the SUMP for Utrecht which earned a nomination for the 4th European SUMP-award. Currently he is involved in preparing SUMPs for the Dutch cities of Arnhem and Leeuwarden. His work includes the coordination of all important SUMP aspects e.g. stakeholder involvement, network studies, multimodal modelling, and urban spatial planning including mobility hubs and public transport nodes. On a national level Christiaan worked for the Dutch Ministry of Transport on projects developing guiding mobility principles for urban and regional development. Internationally Christiaan has been involved in several projects and workshops in Germany, Norway, Sweden and the United States. Sustainable mobility is the overarching theme of his activities. Climate adaptive spaces, liveability, and inclusivity are his important drivers. Combining and integrating mobility measures with spatial development in the transition of urban areas is his approach working as a mobility strategist. Christiaan has exemplified this by being deeply involved in the mobility planning of the Utrecht Merwede Canal project which combines a dense urban spatial development with strict sustainable mobility principles including low car parking norms and the integration of mobility hubs (<https://www.goudappel.nl/en/projects/mobility-vision-merwedekanaalzone-utrecht-netherlands>). Working with clients and stakeholders is a substantial and key part of his workload. He frequently provides workshops and training sessions for clients and also has a long-term history in providing education sessions for students. He is a frequently asked speaker, both at national and international conferences and workshops.

Key Expert B – Kristina Gaučė



Kristina Gaučė is a sustainable urban mobility expert with over 20 years of professional experience in sustainable urban mobility planning and policy making, working as Key Expert, Team leader and Project Manager on numerous EU-funded projects. Dr Kristina Gaučė is well known in European Mobility professional's arena, often presenting good practice and advising on transport policy to the public authorities in Lithuania and other EU and non-EU countries, she was involved in preparation of both editions of Guidelines for Developing and Implementing a Sustainable Urban Mobility Plan. Together with her team and international consultants, she has successfully delivered a list of significant projects related to sustainable urban mobility, transportation policy and mobility management, followed by various capacity building and stakeholders' involvement activities. Among latest Ms Gaučė's projects - Interreg Baltic Sea Region Project "Enhancing Effective Sustainable Urban Mobility Planning for Supporting Active Mobility in Baltic Sea Region Cities", SMART Ankara (Sustainable Urban Mobility Plan), National Guidelines for the development of sustainable cities (Lithuania), HORIZON 2020 project "Climate Campaigners", MOVE IT like Lublin - Chisinau public transport sustainable development initiative, Setting Multisectoral Criteria for Preparation of Low Emission Zones documentation in Lithuanian Municipalities (under LIFE20 project), EUKI European Climate Initiative ("EUKI") 2020 project "Beyond best practices: Closing the gaps in the passenger transport policy framework and etc. She also coordinated the first SUMP in Lithuania for the capital of Vilnius. Additionally, Ms Gaučė is author of almost 20 publications and gave numerous presentations, trainings as well as facilitated successful workshops on mobility and traveling behaviour related matters.

EIB Expert – Paul Riley



Paul Riley is a transport planner and experienced trainer with nearly 30 years of professional experience, working for the last 13 years as an advisor in the EIB's advisory team on the JASPERS technical assistance mandate. In JASPERS, Paul has been working with national and municipal level public sector organisations in developing major transport project concepts, methodologies, and transport plans, most currently a SUMP for GZM the Upper Silesian Metropolitan Area and a new cycling strategy for the city of Brno. Paul has long experience with assessment and shaping of transport systems including demand analysis, modelling, transport surveys, economic appraisal, prioritisation methods and measurement of indicators and has specific sector expertise in ITS, urban public transport and rail. Prior to joining the EIB, Paul helped developed transport planning activities in the Czech Republic over a period of 15

years in 2 engineering consultancy companies, working for a number of Czech and British cities and national authorities. He speaks fluent Czech

Training content for Czech Republic

The SUMP training in Czech Republic consists of:

- **Three core modules**, recapping on the basics of SUMP methodology and focusing on common challenges in developing SUMP in practice and focusing on the relationship of SUMP with investment programming, other plans, TEN-T urban nodes and the interface between local and strategic transport plans (p7 – p9).
- **Six selected modules**, offering a deep dive into specific key SUMP-related topics in practice, exploring them in more detail and how they can be integrated into a SUMP (p10 – p16).

A complete list of all core and elective modules topics is presented in a table (p17 – p20).

After the training, you will receive all materials of the modules.

This also includes material of the modules that were not presented during the training on 9-10 October.

BASICS OF SUMP METHODOLOGY AND PRACTICE

Module content

This module provides an advanced overview of the SUMP process, emphasizing key elements, steps, and activities based on EU SUMP Guidelines, whilst addressing common challenges experienced during SUMP development; it considers what makes a good quality SUMP. The module details each step, grouped into six clusters, covering: preparation, diagnosis, vision and strategy, measure packages, management, and monitoring and review. There is a focus on practical aspects, including: stakeholder involvement; consistency between clusters; connecting problems, indicators and evaluation; and interconnections between steps relating to funding and financing

Learning objectives

- Understanding practical challenges that arise during the development of a SUMP
- Linking SUMP steps into clusters of related tasks
- Taking into consideration the linkages between activities in different clusters
- Tips for developing a successful SUMP

Background material

- Guidelines for developing and implementing a Sustainable Urban Mobility Plan – https://urban-mobility-observatory.transport.ec.europa.eu/document/download/87adaa0c-cd13-4ce0-9a15-d138ea31bb2c_en?filename=sump_guidelines_2019_second%20edition.pdf&prefLang=it
- European Commission Sustainable Urban Mobility Plans - https://urban-mobility-observatory.transport.ec.europa.eu/sustainable-urban-mobility-plans_en
- Tirana SUMP factsheet - https://urban-mobility-observatory.transport.ec.europa.eu/resources/case-studies/sump-city-tirana_en
- Barcelona Metropolitan SUMP - <https://www.amb.cat/s/web/mobilitat/pla-metropolitana-de-mobilitat-urbana-amb.html>
- Cambridge City vision - <https://www.cambridge.gov.uk/our-vision>
- The MOMOS model - <https://www.momos-model.eu>

The above list with background material is limited and not exhaustive.



THE LINK BETWEEN STRATEGIC PLANS, PROGRAMMING, PIPELINE AND PROJECT PREPARATION

Module content

This module focuses on key SUMP terminology, emphasizing the link between SUMP and investment priorities, programming, and funding allocation. It introduces clear definitions, highlighting the compromise between system-based diagnostic, legal requirements, and political preferences shaping the SUMP content. Additionally, it covers fundamental definitions, the distinction between plan and program, risk management strategies, and the role of SUMP in a multilevel and multidepartment transformation process with interlinkages to various plans. The module also addresses stakeholder involvement and the integration of existing pipelines and future projects within the SUMP process.

Learning objectives

Understand / grasp the preconditions for managing an effective SUMP regarding:

- Defining concepts and terminology
- Key role of SUMP in moving from plans to measures, programs and projects (and why some fail in that process)
- Methods and tools for programming in SUMP
- Dealing with different scales, actors and priorities
- Risk management
- Main tools for a smooth SUMP process



Background material

- CIVITAS SUMP-UP E-Course: Preparing for SUMP and analysis of the mobility situation - *this corresponds to a training programme comprising 5 modules, the most relevant of which is module 5 with concrete case examples* - <https://civitas.eu/learning-centre/sumps-up-ecourse-preparing-for-sump-and-analysis-of-the-mobility-situation>
- CIVITAS SUMP-UP E-Course: Co-creating the SUMP vision - *this corresponds to a training programme comprising 5 modules, the most relevant of which is module 5 with concrete case examples* - <https://civitas.eu/learning-centre/sumps-up-ecourse-co-creating-the-sump-vision>
- SUMP Topic Guide on Sustainable Urban Mobility Planning in Metropolitan Regions - *relevant information on section 1.2. and section 4* - https://sumps-up.eu/fileadmin/user_upload/Tools_and_Resources/Publications_and_reports/Topic_Guides/sump_metropolitan_region_guide_v2.pdf
- Mobility Academy, Course 4 – identifying SUMP measures, – *this corresponds to a training programme comprising 4 modules, the most relevant of which is module 4 with concrete case examples* - <https://www.mobility-academy.eu/course/view.php?id=112#section-0>

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URBAN NODES AND THE INTERFACE BETWEEN LOCAL AND STRATEGIC TRANSPORT

Module content

This module explores the interface between local and strategic transport, emphasizing the importance of coordination for efficient passenger and freight movements. It delves into the concept of TEN-T urban nodes, discussing their role, functions, and the challenges they pose for cities and regions, including governance issues, technology integration, and funding complexities. Practical examples illustrate difficulties in alignment between authorities, while tools and strategies such as inclusive leadership, stakeholder dialogue, and shared infrastructure are proposed to address these challenges effectively.

Learning objectives

- know what an urban node is and how it relates to the TEN-T network
- understand the interaction between strategic and local transport in urban nodes
- be able to point out the challenges that arise in planning in urban nodes
- get an idea of the possible synergies and opportunities
- go home with some inspiring examples in how to address challenges



Background material

- COM(2021) 812 F - *whole document is interesting to review* - urban nodes is specifically mentioned in section 7- [REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on Union guidelines for the development of the trans-European transport network](#), amending Regulation (EU) 2021/1153 and Regulation (EU) No 913/2010 and repealing Regulation (EU) 1315/2013
- The EU-OECD definition of a functional urban area - *whole document is interesting to review* - https://www.oecd-ilibrary.org/urban-rural-and-regional-development/the-eu-oecd-definition-of-a-functional-urban-area_d58cb34d-en
- Position paper on Urban Nodes Governance and funding - *whole document is interesting to review* - <https://www.polisnetwork.eu/document/urban-nodes-empowering-cities-and-regions-to-build-the-ten-t/>
- List of FUA per country - <https://search.oecd.org/regional/regional-statistics/functional-urban-areas.htm>

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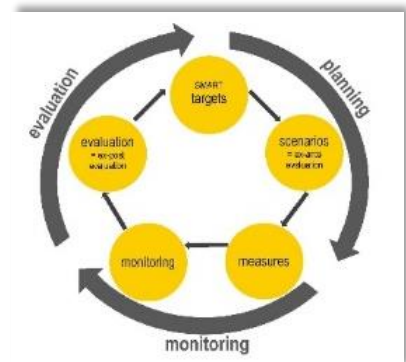
INDICATORS, TARGETS AND MONITORING

Module content

This module focuses on helping trainees choose appropriate indicators, set targets, estimate impacts, and measure and monitor indicators within the context of SUMP. It covers key concepts like ex-ante and ex-post evaluation, the SMART basis, and the interplay between indicators, targets, and plan objectives. The module emphasizes the importance of evaluation throughout the SUMP lifecycle, tailoring strategies to local contexts, and includes practical recommendations for comprehensive monitoring and evaluation strategies. Additionally, it explores new developments and prospects, referencing TEN-T requirements and the work of SUMI1 and SUMI2.

Learning objectives

- Understand the relevance of setting up indicators, targets and monitoring scheme linked to SUMP vision and objectives
- Grasp fundamental requirements, limitations and recommendations for establishing indicator lists, setting targets and putting monitoring arrangements in place
- Frame these activities in the context of a SUMP
- Understand the challenges ahead



Background material

- SUMP Challenges EU, Monitoring and evaluation Accessing the impact of measures and evaluating mobility planning processes - *the entire document can be easily read, as it is a quick facts brochure* - <http://www.sump-challenges.eu/kits>
- Evaluation Matters, 2019 - *most relevant information include the introduction with overarching context for evaluation, section 2 on impact evaluation, 3 on process evaluation and 4 on information reporting and utilisation* - https://civitas.eu/sites/default/files/Evaluation_Matters.pdf
- Urban Mobility Indicators for walking and public transport, 2019 - *most relevant information include section 3 on the importance of data, section 4 on factors affecting access, safety, efficiency and affordability as well as the appendix with indicator definitions* - <https://ec.europa.eu/futurium/en/system/files/ged/convenient-access-to-public-transport.pdf>
- SUMI - Sustainable Urban Mobility Indicators Guidelines - *most relevant information is the background information on section 2* - https://transport.ec.europa.eu/system/files/2020-09/sumi_wp1_harmonisation_guidelines.pdf
- EIB Technical note on data sharing in transport, 2021 - *most relevant information can be found in section 1 (data overview) and chapter 2 (data acquisition models)* - https://www.eib.org/attachments/publications/technical_note_on_data_sharing_in_transport_en.pdf
- European Commission, Trans-European transport network, amending Regulations (EU) 2021/1153 and (EU) No 913/2010 and repealing Regulation (EU) No 1315/2013, 2024 – *most relevant information include article 41 on the urban nodes requirements, article 57 on reporting and monitoring as well as Annex V* – <https://data.consilium.europa.eu/doc/document/PE-56-2024-INIT/en/pdf>

The above list with background material is limited and not exhaustive.

ROAD SAFETY AND STREET DESIGN

Module content

This module highlights the link between sustainability and road safety, emphasizing the critical role of a safe mobility system in achieving broader urban sustainability goals. Participants will gain insights into the "safe system approach" and Vision Zero principles, addressing both engineering and non-infrastructure aspects like education. The module covers facts and figures related to an unsafe mobility system, introduces network categorization, and delves into design interventions for intersections, roundabouts, and sections, with a focus on vulnerable road users.

Learning objectives

- Understanding the scope and impact of the road safety issue within the EU and ensure a grasp of the fundamental concept of Vision Zero.
- Understanding the 'safe system approach' in traffic safety and provide support to apply this (network level, categorization of infrastructure).
- Provide support to apply 'safe system approach' to design level issues (intersections and road sections).
- Provide support to apply traffic education and behavioral influence tools, including practical examples.



Background material

- EU Road Safety Towards "Vision Zero" – https://cinea.ec.europa.eu/document/download/1c3740d6-a8bf-4be8-b4b2-ad6324299dfe_en?filename=H2020%20Transport-Road%20Safety%202022-web.pdf
- Topic Guide "Urban road safety and active travel in SUMP" – *relevant information on p 4, 9-12, 13* - https://urban-mobility-observatory.transport.ec.europa.eu/document/download/89635c43-df39-4290-9665-ad613660df0d_en?filename=urban_road_safety_and_active_travel_in_sumps.pdf
- EU ROAD SAFETY POLICY FRAMEWORK 2021 - 2030 Next steps towards 'Vision Zero' – *relevant information on p 11-14* - <https://www.krbrd.gov.pl/wp-content/uploads/2022/05/EU-Road-Safety-Policy-Framework-2021-2030.pdf>
- ITF "The Safe Approach in Action" – *relevant information on p 11, 16-25, 40-42* - <https://www.itf-oecd.org/sites/default/files/docs/safe-system-in-action.pdf>
- ETSC - 17th Annual Road Safety Performance Index (PIN Report) – *relevant information on p 8-11, 32-36* - <https://etsc.eu/17th-annual-road-safety-performance-index-pin-report/>

The above list with background material is limited and not exhaustive.

- Gender imbalance in the transport sector: a toolkit for change developed by POLIS with funding from the FIA Foundation - *relevant information section 5* - https://www.sum4all.org/data/files/gender_imbalance_in_the_transport_sector_a_toolkit_for_change.pdf
- European Pillar of Social Rights and corresponding Action Plan - *relevant information relates to pillar #20 on access to essential services* - <https://ec.europa.eu/social/main.jsp?catId=1226&langId=en>
- The Women in Transport – EU Platform for Change - *relevant information includes statistics and good practice stories from industry members encouraging greater involvement of women to work in the transport sector* - https://transport.ec.europa.eu/transport-themes/social-issues-equality-and-attractiveness-transport-sector/equality/women-transport_en
- Network of Ambassadors for Diversity in Transport - *relevant information includes the report on the first year of activity from this network that focuses in all transport modes and in the users and workforce alike* - https://transport.ec.europa.eu/transport-themes/social-issues-equality-and-attractiveness-transport-sector/equality/diversity-ambassadors-transport_en
- DIAMOND project - Revealing fair and actionable knowledge from data to support women's inclusion in transport systems - *relevant information includes the white paper for a fair, inclusive, and women-participated mobility and transport system (D.9.4)* <https://cordis.europa.eu/project/id/824326>
- HiReach project, High reach innovative mobility solutions to cope with transport poverty - *relevant information includes D.2.1. Mobility in prioritised areas: mapping the field, where an actionable definition of transport poverty is proposed* <https://cordis.europa.eu/project/id/769819>
- DIGNITY, DIGital traNsport In and for society project - *relevant information includes deliverable D.4.2 and deliverable D.4.4* - <https://www.dignity-project.eu/>
- INDIMO project – Inclusive digital mobility solution - *relevant information includes deliverable D.3.1 INDIMO Pilots handbook* - <https://www.indimoproject.eu/>
- URBACT, Gender Equal Cities, 2022 - *relevant information includes chapter 6D and chapter 7* - <https://urbact.eu/html-20220603052649-Urbact-Gender-Equal-Cities/data/document.pdf>
- Hortelano, Alejandro Ortega, et al, 2021, Women in Transport Research and Innovation: A European Perspective, Sustainability, 13, 6796 - *short paper that should be read as a whole* - https://www.researchgate.net/publication/352482425_Women_in_Transport_Research_and_Innovation_A_European_Perspective
- Song Ying, 2023, Advancing equity in accessibility and travel experiences: the role of gender and identity, department of transportation, University of Minnesota - *short paper that should be read as a whole* - <https://www.cts.umn.edu/publications/report/advancing-equity-in-accessibility-and-travel-experiences-the-role-of-gender-and-identity>
- ITF, The Economic benefits of improved accessibility to transport systems (2017) - *relevant information chapter 3* - <https://www.itf-oecd.org/economic-benefits-improved-accessibility-transport-systems>
- FRA, 2019, A long way to go for LGBTI equality - *relevant information includes the abstract 'assessing progress: selected results'* - <https://fra.europa.eu/en/publication/2020/eu-lgbti-survey-results>

The above list with background material is limited and not exhaustive.

SUMP FOR SMALL AND MEDIUM SIZED CITIES

Module content

This module addresses the adaptation of the SUMP process for small and medium-sized cities, considering limitations in data availability, technical knowledge, and resources. It highlights challenges such as a lack of local data, difficulties in providing attractive public transport services, and the extensive use of private cars in smaller cities. The module proposes solutions and methods that can be used in these contexts to apply all phases of the SUMP cycle process, utilizing tools from SUMP-PLUS, and provides good practice examples from small cities in Europe for discussion.

Learning objectives

- Understanding why SUMP processes and procedures might differ from large cities and conurbations
- Identify the main features and challenges
- Learn about simplified methods and tools
- Examples of successful applications



Background material

- Commission recommendation on National Support Programmes for SUMP – *relevant information chapter 1* - <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32023H0550>
- Sustainable Urban Mobility Planning in Smaller Cities and Towns’ – *relevant information chapter 2* - https://urban-mobility-observatory.transport.ec.europa.eu/system/files/2023-10/sumps_smaller_cities_and_towns.pdf
- Wide-area SUMPs - <https://www.interregeurope.eu/find-policy-solutions/expert-support-reports/wide-area-sumps>
- Sustainable Urban Mobility Plans - https://urban-mobility-observatory.transport.ec.europa.eu/sustainable-urban-mobility-plans_en including a number of interesting guides
- REFORM - Fostering Regional cooperation and capacity building for SUMPs - <https://www.interregeurope.eu/good-practices/reform-fostering-regional-cooperation-and-capacity-building-for-sumps>
- CityConsult Agency has been developed within SUMP-PLUS project (H2020) providing various training courses on *SUMP planning and deployment phases, as well as on introducing innovation and zero emission transport systems* - <https://mobilitymatters.eu>
- Project DESTINATIONS – SUMP for residents and visitors (D2.1 Baseline report) - <https://ec.europa.eu/research/participants/documents/downloadPublic?documentIds=080166e5bc46c2f&appId=PPGMS> –
- SUMP self assessment tool – *can be used to assess the quality of a given strategic mobility plan against ELTIS guidelines* - <https://www.sump-assessment.eu/English/start>

The above list with background material is limited and not exhaustive.

ACTIVE MODES AND MICROMOBILITY

Module content

This module deepens participants' understanding of integrating cycling, pedestrian planning, and micromobility devices into a SUMP. It highlights the added value and importance of active modes, emphasizing societal, environmental, and economic benefits through a hierarchical planning framework. The module covers basic characteristics of pedestrians and cyclists, emphasizes the relevance of modal network planning, and explores the role of micromobility, providing examples of successful applications of these principles in European cities.

Learning objectives

This module aims to equip learners with a fundamental understanding that enables them to argue for and properly integrate active and micro mobility modes in the SUMP process. This module will provide learners with:

- an understanding of the benefits of active modes and relevance of micromobility modes in urban mobility and how this can be translated to a principle planning hierarchy;
- insights in two key success factors to translate active mobility ambitions to measures and projects:
 - (1) understanding of user characteristics and how to translate this to a basis for plans and designs and
 - (2) modal priority networks and their alignment.



Background material

- Practitioner briefing cycling "Supporting and encouraging cycling in sustainable urban mobility planning" – *relevant information on slides 5-17* - https://www.interregeurope.eu/sites/default/files/inline/Strategic_planning_for_cycling_Fabian_Kuester.pdf
- Topic Guide "Safe use of micromobility devices in urban areas" – *relevant information on p 37-44* - https://civitas.eu/sites/default/files/sump_topic_guide_micromobility_devices.pdf
- Practitioner briefing "Supporting and encouraging walking in sustainable urban mobility planning" – *relevant information on p 10-11 and p 15-17* - https://urban-mobility-observatory.transport.ec.europa.eu/document/download/6c00c382-42a9-4cd8-9327-33c0cfbbc345_en?filename=supporting_and_encouraging_walking_in_sumps.pdf
- "European declaration on cycling" – https://transport.ec.europa.eu/system/files/2023-11/European_Declaration_on_Cycling_en_0.pdf

The above list with background material is limited and not exhaustive

FREIGHT AND LOGISTICS

Module content

This module provides a comprehensive understanding of urban freight transport and logistics challenges, emphasizing the importance of involving key stakeholders. It covers the diverse requisites and impacts of goods transport, explores trends in urban logistics such as e-commerce and changing consumer patterns, and examines city regulatory efforts, including measures for sustainable urban freight transport. The module also addresses the integration of freight and logistics strategies within the broader context of SUMP, discussing the potential need for a dedicated sectoral plan in cities with critical freight issues.

Learning objectives

- Understand urban freight transport and logistics specific challenges
- Evolution and trends in urban logistics
- Understanding and finetuning city regulatory efforts
- Balancing SUMP and Sulp strategies

Background material

- SUMP Topic Guide on Sustainable Urban Logistics Planning - *relevant information p11-14 – p31-34 - p35-42 - p45-50* - https://urban-mobility-observatory.transport.ec.europa.eu/system/files/2023-11/sustainable_urban_logistics_planning.pdf
- Success stories and results from CIVITAS Research and Innovation Actions on Goods Distribution - *relevant information p4-5 – p18-25* - <https://civitas.eu/resources/solutions-congestion-goods-distribution>
- CIVITAS Policy Note: Making urban freight logistics more sustainable - *relevant information p9-11 – p15-17 – p54-56 – p61-62* - <https://civitas.eu/tool-inventory/civitas-policy-note-making-urban-freight-logistics-more-sustainable>
- Multimodal mobility hubs and last-mile delivery - **ULaDS webinar** - https://youtu.be/V_d_p6M9qkI
- How to regulate vehicle access in urban areas – ReVeAL Guidance - *relevant information p14-21 – p22-27 – p28, 33, 38, 40, 58, 59, 66* - <https://civitas-reveal.eu/resources-overview/publications/guidance/>
- **CIVITAS e-course** Sustainable Urban Freight Transport - <https://civitas-learningcentre.talentlms.com/catalog/info/id:145>
- City Logistics Living Labs - *relevant information p2-7 – p16-17* - <https://www.citylab.soton.ac.uk/brochure/LL.pdf>
- A Guide to Planning Cyclelogistics Hubs - *relevant information p14-23 – p24-43* - <https://civitas.eu/sites/default/files/Cyclelogistics%20Hub%20Guide%20A5%20English.pdf>
- Shared Micro depots for Urban pickup and Delivery - *relevant information “Stakeholder event summary” – “Definition of shared micro depot” – “Shared micro depots for urban pickup and delivery” - “Shared micro depots –from idea to implementation” – “Implementation brochure”* - <https://www.eiturbanmobility.eu/projects/shared-micro-depots-for-urban-pickup-and-delivery/>
- **Workshop** on barriers to dynamic kerbside management - <https://civitas-reveal.eu/partners/presentations-of-kerbside-workshop-are-now-available/>



The above list with background material is limited and not exhaustive.

CITIZEN/STAKEHOLDER ENGAGEMENT AND COMMUNICATION

Module content

This module underscores the importance of involving relevant parties throughout SUMP development for a well-informed and widely accepted strategy. It emphasizes holistic engagement strategy planning, efficient stakeholder engagement, and identification of public and private sector stakeholders, including citizen groups. The module explores various forms of engagement processes, associated tools, and strategies for effective communication and marketing to build support. Finally, it addresses challenges in implementing the plan, such as raising awareness, promoting participation, and managing change in the context of new forms of mobility.

Learning objectives

- The importance of stakeholder engagement
- How to plan an efficient stakeholder engagement in a SUMP?
- Mapping of stakeholders
- The various forms of stakeholder engagement
- Tools for engaging stakeholders and citizens
- Practical challenges via case studies






Background material

- European Platform on Sustainable Urban Mobility Plans, Guidelines for developing and implementing a sustainable urban mobility plan, second edition, 2019 - *relevant information on pages 44, 84, 87, 136, 156 and 161* - https://urban-mobility-observatory.transport.ec.europa.eu/sustainable-urban-mobility-plans/sump-guidelines-and-decision-makers-summary_en
- European Platform on Sustainable Urban Mobility Plans, Sustainable Urban Mobility Planning in Metropolitan Regions, 2019 - *relevant information on pages 17, 25, 32, 35* - https://sumps-up.eu/fileadmin/user_upload/Tools_and_Resources/Publications_and_reports/Topic_Guides/sump_metr_opolitan_region_guide_v2.pdf
- Markus Venzin, Der Strategieprozess - <https://www.onpulson.de/58/stakeholder-management-die-stakeholderanalyse/>
- Eltis, Communication and participation in urban mobility planning in Vienna (Austria)- https://urban-mobility-observatory.transport.ec.europa.eu/resources/case-studies/communication-and-participation-urban-mobility-planning-vienna-austria_en
- Eltis, Co-transformation of public space for more people-oriented neighbourhoods (Italy) - https://urban-mobility-observatory.transport.ec.europa.eu/resources/case-studies/co-transformation-public-space-more-people-oriented-neighbourhoods_en
- Brussels Mobility, Good Move, The Regional Mobility Plan 2020-2030 - *relevant information on pages 18 to 23 (document in French)* - https://mobilite-mobiliteit.brussels/sites/default/files/2021-04/goodmove_FR_20210420.pdf

The above list with background material is limited and not exhaustive.

List of all training modules

CORE MODULES	
1	Basics of SUMP methodology and practice
	This module provides an advanced overview of the SUMP process, emphasizing key elements, steps, and activities based on EU SUMP Guidelines, whilst addressing common challenges experienced during SUMP development; it considers what makes a good quality SUMP. The module details each step, grouped into six clusters, covering: preparation, diagnosis, vision and strategy, measure packages, management, and monitoring and review. There is a focus on practical aspects, including: stakeholder involvement; consistency between clusters; connecting problems, indicators and evaluation; and interconnections between steps relating to funding and financing
2	The link between Strategic Plans, Programming, Pipeline and project preparation
	This module focuses on key SUMP terminology, emphasizing the link between SUMP and investment priorities, programming, and funding allocation. It introduces clear definitions, highlighting the compromise between system-based diagnostic, legal requirements, and political preferences shaping the SUMP content. Additionally, it covers fundamental definitions, the distinction between plan and program, risk management strategies, and the role of SUMPs in a multilevel and multidepartment transformation process with interlinkages to various plans. The module also addresses stakeholder involvement and the integration of existing pipelines and future projects within the SUMP process.
3	Urban nodes and the interface between local and strategic transport
	This module explores the interface between local and strategic transport, emphasizing the importance of coordination for efficient passenger and freight movements. It delves into the concept of TEN-T urban nodes, discussing their role, functions, and the challenges they pose for cities and regions, including governance issues, technology integration, and funding complexities. Practical examples illustrate difficulties in alignment between authorities, while tools and strategies such as inclusive leadership, stakeholder dialogue, and shared infrastructure are proposed to address these challenges effectively.

ELECTIVE MODULES

4 Organisational and institutional aspects



This module focuses on the interface between SUMPs and planning instruments for cities in a region, including considerations for Regional/Metropolitan/Functional Urban Areas (FUAs) and the impact of SUMP scale on analysis and stakeholder engagement. It highlights the importance of institutional cooperation in SUMP, emphasizing stakeholder identification, resource organization, and planning framework setup. The involvement of citizens and stakeholders is crucial, necessitating effective communication interfaces. Additionally, the promotion of intermodality at the Metropolitan/Regional level is emphasized, encouraging evaluation and funding of urban and intercity networks in a centralized manner.

5 Multi-Modal Plan Scenario Building in SUMP



This module addresses the need for an integrated multimodal approach in SUMP, emphasizing the ambitious modal shift objectives for walking, cycling, and public transport. It explores the roles of different transportation modes, discusses the reversed mobility pyramid with a priority for active modes, and provides European examples to illustrate numerical modal shares. The module highlights that multimodal planning extends beyond traffic engineering, involving long-term planning for infrastructural coherence at various levels, and explains the principles of developing scenarios for analyzing and influencing mobility needs, mode use, and route choice behavior. Additionally, it delves into the application of multimodal transportation models, explaining their technique, uses, and limitations.

6 Indicators, Targets and Monitoring



This module focuses on helping trainees choose appropriate indicators, set targets, estimate impacts, and measure and monitor indicators within the context of SUMP. It covers key concepts like ex-ante and ex-post evaluation, the SMART basis, and the interplay between indicators, targets, and plan objectives. The module emphasizes the importance of evaluation throughout the SUMP lifecycle, tailoring strategies to local contexts, and includes practical recommendations for comprehensive monitoring and evaluation strategies. Additionally, it explores new developments and prospects, referencing TEN-T requirements and the work of SUMI1 and SUMI2.

7 Citizen/Stakeholder engagement and communication



This module underscores the importance of involving relevant parties throughout SUMP development for a well-informed and widely accepted strategy. It emphasizes holistic engagement strategy planning, efficient stakeholder engagement, and identification of public and private sector stakeholders, including citizen groups. The module explores various forms of engagement processes, associated tools, and strategies for effective communication and marketing to build support. Finally, it addresses challenges in implementing the plan, such as raising awareness, promoting participation, and managing change in the context of new forms of mobility.

8 SUMP for small and medium sized cities



This module addresses the adaptation of the SUMP process for small and medium-sized cities, considering limitations in data availability, technical knowledge, and resources. It highlights challenges such as a lack of local data, difficulties in providing attractive public transport services, and the extensive use of private cars in smaller cities. The module proposes solutions and methods that can be used in these contexts to apply all phases of the SUMP cycle process, utilizing tools from SUMP-PLUS, and provides good practice examples from small cities in Europe for discussion.

ELECTIVE MODULES

9 Demand and Accessibility analysis through the SUMP



This module focuses on understanding travel demand and strategic accessibility for the development of SUMPs. It differentiates between demand/mobility, describing observed behavior, and accessibility, which evaluates the ease of reaching specific locations from residential areas. The module covers characterizing travel demand, obtaining demand information through existing statistics and surveys, analyzing data using various modeling approaches, and defining accessibility analysis, including GIS-supported mapping and spatial analysis of existing indicators for SUMPs.

10 Transport decarbonisation



This module provides methodological support to integrate decarbonization into the SUMP cycle, covering measurement (Scope 1 to Scope 3), policy measures for reducing greenhouse gas emissions, and integration of climate change mitigation in the SUMP process. It explores developing a transition pathway to net-zero carbon, understanding carbon in transport, cooperating with various sectors, and using the carbon footprint methodology. The module discusses strategies for reducing carbon emissions, including the 'avoid-shift-improve' combined approach, and addresses additional issues such as potential resistance, measures for car-dependent low-income individuals, urban freight transport improvement, and the social impact of low-carbon policies, along with setting interim targets.

11 Environmental aspects



This module emphasizes the environmental aspects of SUMP preparation, highlighting the importance of sustainability and offering guidance on identifying and integrating relevant environmental factors. It provides practical examples, both positive and negative, to learn from, aiming to help prepare high-quality SUMPs that optimize urban areas for a cleaner environment, improved road safety, and enhanced quality of life. The module also addresses stakeholder engagement and public participation, and offers insights into relevant EU/national legislation, including guidance on integrating Strategic Environmental Assessment (SEA) procedures into the SUMP preparation process.

12 Climate change adaptation and resilience



This module provides methodological support to integrate climate resilience in SUMPs, covering the analysis, definition of objectives, and identification of relevant measures to assess vulnerabilities and potential risks related to climate change. It emphasizes increasing awareness and knowledge on climate change adaptation needs, discussing sources of climate change data, and highlighting the importance of integrating resilience principles in SUMPs. It includes the development and implementation of adaptation measures within SUMPs, involving a strategic and forward-looking approach, and provides good practice examples addressing climate-resilient infrastructure, alternative transportation routes, vulnerability assessments, and responses.

13 Collective passenger transport



This module focuses on designing an attractive collective passenger transport system for sustainable urban mobility, emphasizing its role as a backbone in a SUMP strategy. It discusses the challenges in designing and operating such systems, including the need for reliability, safety, and integration of different service attributes. The module also addresses funding considerations for a high-quality collective transport system, categorizing funding sources and providing insights into efficiency and affordability considerations, concluding with examples of innovative practices in the field.

ELECTIVE MODULES

14 Active modes and micromobility



This module deepens participants' understanding of integrating cycling, pedestrian planning, and micromobility devices into a SUMP. It highlights the added value and importance of active modes, emphasizing societal, environmental, and economic benefits through a hierarchical planning framework. The module covers basic characteristics of pedestrians and cyclists, emphasizes the relevance of modal network planning, and explores the role of micromobility, providing examples of successful applications of these principles in European cities.

15 Freight and logistics



This module provides a comprehensive understanding of urban freight transport and logistics challenges, emphasizing the importance of involving key stakeholders. It covers the diverse requisites and impacts of goods transport, explores trends in urban logistics such as e-commerce and changing consumer patterns, and examines city regulatory efforts, including measures for sustainable urban freight transport. The module also addresses the integration of freight and logistics strategies within the broader context of SUMP, discussing the potential need for a dedicated sectoral plan in cities with critical freight issues.

16 Demand Management



This module focuses on demand management in SUMP, highlighting the necessity and benefits of guiding users toward sustainable behavior through various measures. It covers the objectives and benefits of demand management, its integration into the SUMP cycle, and mechanisms such as physical, regulatory, and pricing policies. The module also explores effective levers, dissuasive measures to reduce car use, incentives for alternative modes, provides case study examples, and addresses public and political acceptability, emphasizing the importance of monitoring and evaluation tied to objectives.

17 Spatial planning



This module emphasizes the crucial role of land-use, spatial, and socio-economic planning in promoting sustainable modes of transport and enhancing accessibility. It highlights the integral relationship between spatial planning and mobility decisions, emphasizing the importance of integrated goals for creating sustainable urban environments. The module covers various spatial concepts, proven successful applications, and aims to enable participants to understand the socio-economic impact of spatial planning on mobility, emphasizing efficiency, social equity, and environmental sustainability.

18 Road safety and street design



This module highlights the link between sustainability and road safety, emphasizing the critical role of a safe mobility system in achieving broader urban sustainability goals. Participants will gain insights into the "safe system approach" and Vision Zero principles, addressing both engineering and non-infrastructure aspects like education. The module covers facts and figures related to an unsafe mobility system, introduces network categorization, and delves into design interventions for intersections, roundabouts, and sections, with a focus on vulnerable road users.

19 Inclusive and accessible mobility



This module focuses on integrating social inclusion concerns into SUMP. It covers key concepts and trends related to social segments facing mobility challenges, including transport poverty, disabilities, and LGBTIQ communities. Trainees will learn about adopting an inclusive and accessible lens throughout the SUMP lifecycle, understanding the SUMP principles, and exploring strategies for mainstreaming gender and diversity aspects, supported by case study examples.