SUMPs-Up tools to support SUMP development and implementation

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Wednesday 05/12/2018 10:00 – 11:30 CET

Which are the most effective tools to overcome SUMP planning and implementation barriers

SUMPs-Up will

- identify the **most effective planning tools and methods** for the SUMP process and actively support their take-up in several types of cities
- give guidance in key topic areas relevant for high-quality, effective and efficient SUMP development.

1. Further develop the SUMP Self-Assessment Scheme and enhance its functionalities;
2. Create a comprehensive SUMP Tool Inventory;
3. Update SUMP Guidelines;
4. Produce 3 manuals for different categories of cities, differentiated by SUMP; experience and maturity levels, covering 11 mobility policy areas;
5. Develop standards for SUMP Action Plans and publish these in a report
6. Conduct status analysis and summarise results in “SUMPs up in Member States” report.

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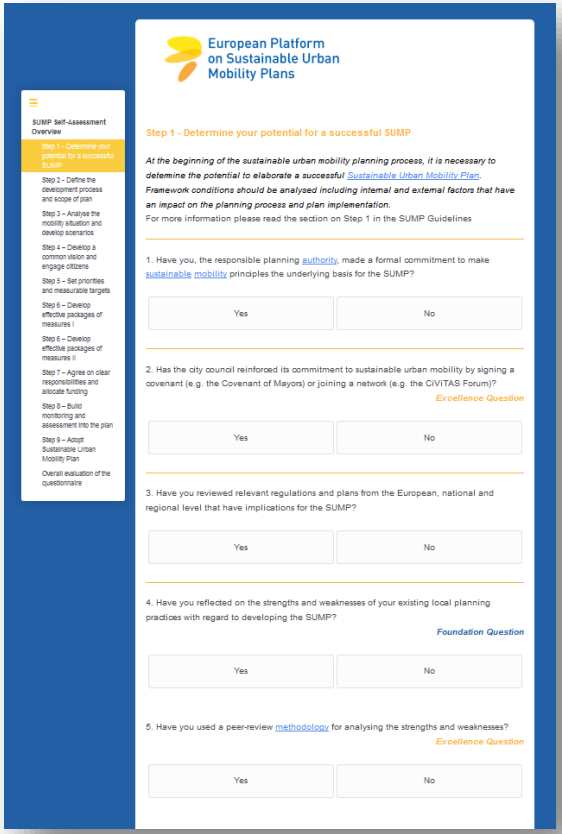
Online SUMP Self-Assessment

- Developed in close cooperation with DG MOVE and EASME in the CH4LLENGE project
- **Online** and **free to use**
- Allows **anonymous assessment**
- Simple concept of **100 yes-no questions** balanced across the SUMP principles
- Assessment of **SUMP development process**
- Primary use to **assess plan after completion**. Additionally to assess previous plans or to give guidance before/ during plan preparation.
- Provides **feedback on strengths and weaknesses** for SUMP steps and principles



Available on Eltis
www.eltis.org/mobility-plans/theSUMPprocess

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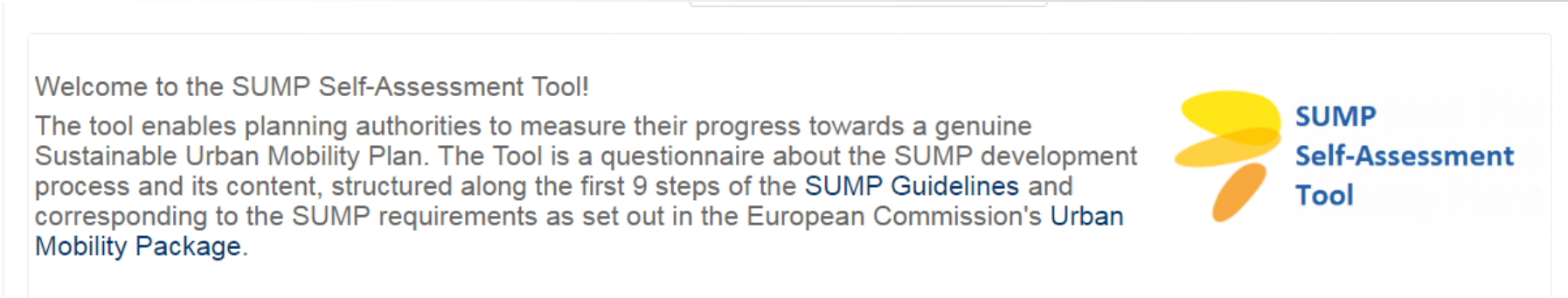
SUMP Self-Assessment



Closely linked to the update of selected tools, SUMPs-Up will further enhance the recently launched SUMP Self - Assessment Scheme.

It will also be translated in several European languages.

https://www.mobility-academy.eu/course/index.php?categoryid=15

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Updated SUMP Self-Assessment

Comprehensive revision:

- Lower number of questions with **answer scales**
- **Tailor-made sets of questions** for different starting points and conditions (larger cities, smaller cities, regions, **cities without a SUMP)**

Main practical use:

- **helps cities to identify strengths & weaknesses to improve**

- Assess current and future performance
- Develop a long-term vision and implementation plan
- Develop all transport modes in an integrated manner
- Cooperate across institutional boundaries
- Involve citizens and relevant stakeholders
- Arrange for monitoring and evaluation

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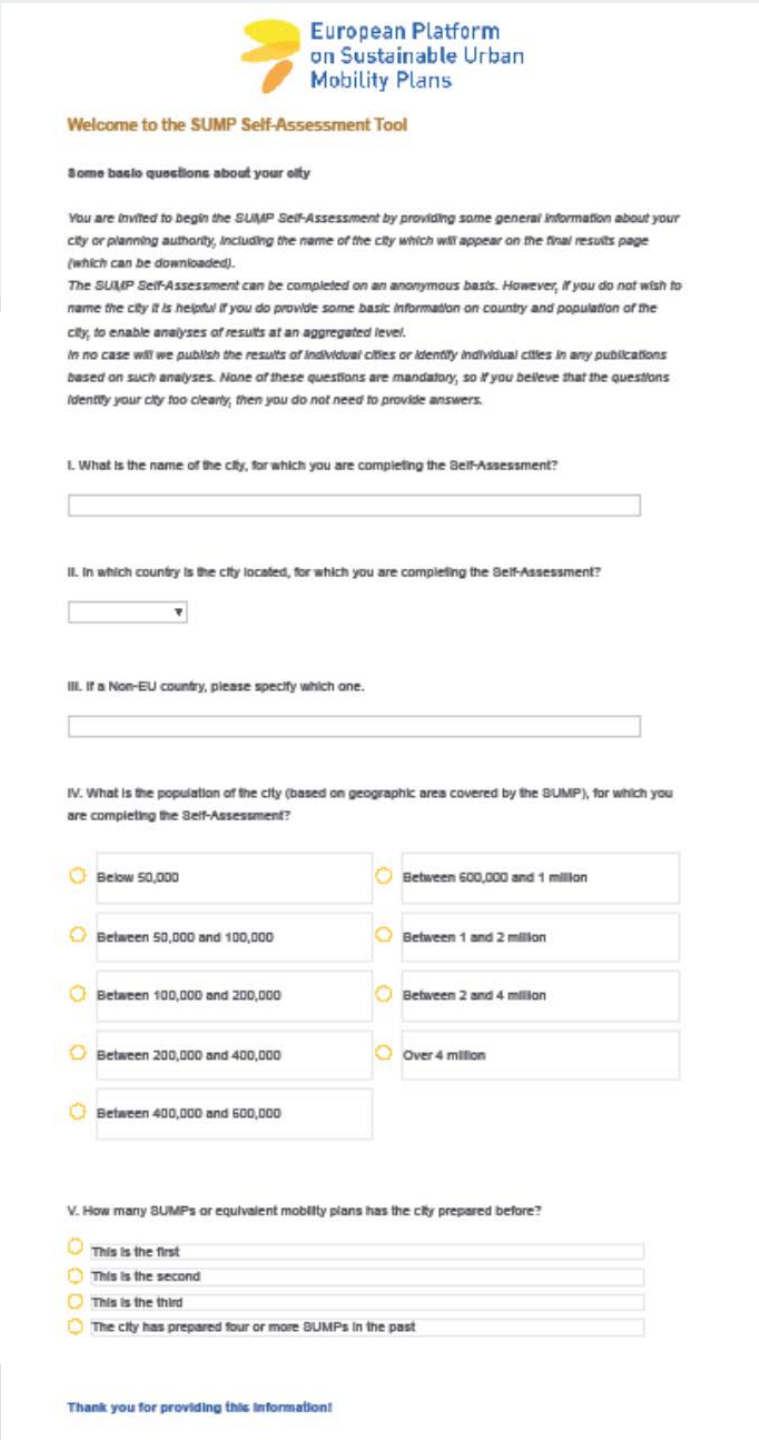
Updated SUMP Self-Assessment

The scheme will be comprehensively revised

- The main focus of the new version is to help cities analyse and improve their mobility planning procedures.
- Optimally it would be used in an internal municipal workshop, where the planner discuss their strengths and weaknesses question by question.
- The assessment gives them inspiration and advice what to improve as well as links to useful resources



European Platform on Sustainable Urban Mobility Plans

Welcome to the SUMP Self-Assessment Tool

Some basic questions about your city

You are invited to begin the SUMP Self-Assessment by providing some general information about your city or planning authority, including the name of the city which will appear on the final results page (which can be downloaded).
The SUMP Self-Assessment can be completed on an anonymous basis. However, if you do not wish to name the city it is helpful if you do provide some basic information on country and population of the city, to enable analyses of results at an aggregated level.
In no case will we publish the results of individual cities or identify individual cities in any publications based on such analyses. None of these questions are mandatory, so if you believe that the questions identify your city too clearly, then you do not need to provide answers.

I. What is the name of the city, for which you are completing the Self-Assessment?

II. In which country is the city located, for which you are completing the Self-Assessment?

III. If a Non-EU country, please specify which one.

IV. What is the population of the city (based on geographic area covered by the SUMP), for which you are completing the Self-Assessment?

- Below 50,000
- Between 50,000 and 100,000
- Between 100,000 and 200,000
- Between 200,000 and 400,000
- Between 400,000 and 600,000
- Between 600,000 and 1 million
- Between 1 and 2 million
- Between 2 and 4 million
- Over 4 million

V. How many SUMPs or equivalent mobility plans has the city prepared before?

- This is the first
- This is the second
- This is the third
- The city has prepared four or more SUMPs in the past

Thank you for providing this information!

Updated SUMP Self-Assessment
Examples of questions

Assessment of SUMP document

Q15. Which of the following **urban mobility related issues** have been analysed for the SUMP?
This includes recent previous analyses that have been used for the SUMP. Please select all options that apply.

- ☐ Air pollution and traffic noise
- ☐ Traffic safety
- ☐ Traffic congestion
- ☐ Liveability of streets
- ☐ Accessibility to services, employment and education

Q38. **Safety and security:** Does the SUMP present measures to improve safety and security of all transport modes?

- ○ Not at all
- ○ To a small extent
- ○ To a moderate extent

Q22. Does the SUMP contain an accepted long-term vision of urban mobility?

- ○ No long-term vision in the SUMP
- ○ Vision is accepted only in the mobility department
- ○ Vision is accepted in the entire administration
- ○ Vision is accepted in the administration and by some external stakeholders
- ○ Vision is accepted in the administration and by most external stakeholders

Image: Rupprecht Consult

Image: BKK Centre for Budapest Transport

Assessment of planning activities

5) In the last year, how often did you **meet with other departments** of your administration (e.g. for environment, for urban development, etc.) to coordinate your activities?

- ○ Never
- ○ Once
- ○ Two or three times
- ○ Every two or three months
- ○ Every month or more often

11) In the last year, which **evaluation methods** did you use to evaluate mobility measures after implementation? *Please select all options that apply.*

- ☐ Only intuitive assessment
- ☐ Satisfaction survey about the measure
- ☐ Traffic counting or other method to measure the (mobility) situation afterwards
- ☐ Traffic counting or other method to measure the mobility situation before and afterwards
- ☐ Other method

Image: City of Ghent

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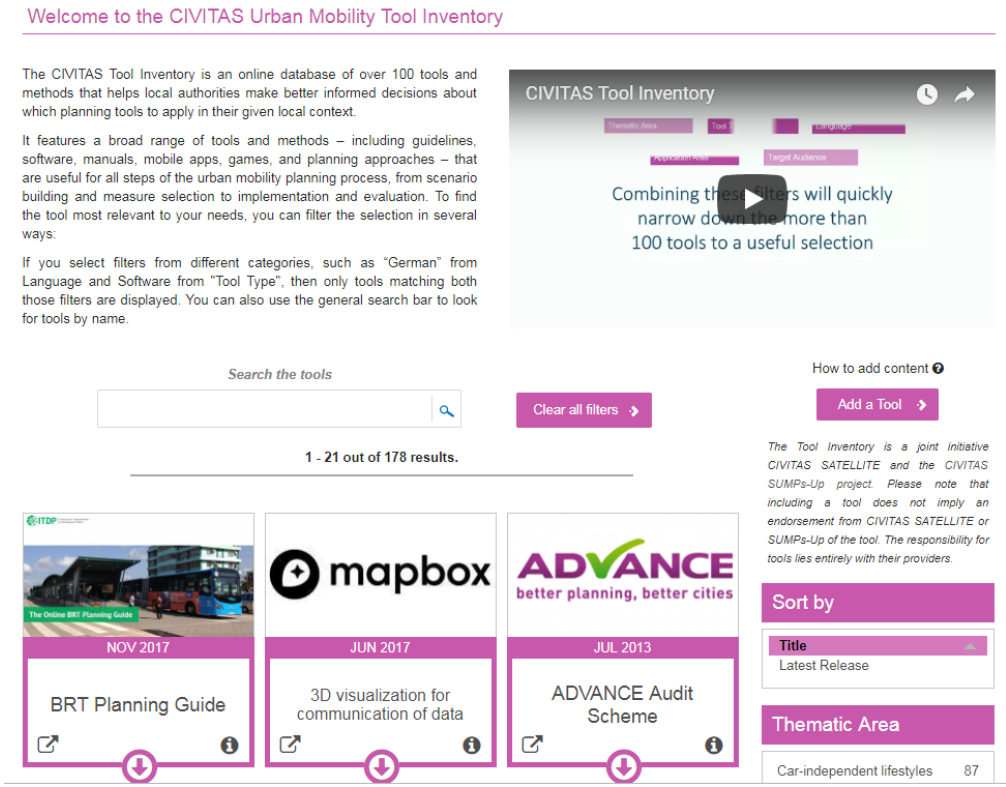
Development of the Tool Inventory

Developed together by CIVITAS SATELLITE and SUMPs-Up - very similar plans, so synergies were used and worked together. Allowed us to be more ambitious and aim for more than 100 tools to be included

The **CIVITAS Tool Inventory** is an online database of over 100 tools and methods that helps local authorities make **better informed decisions about which planning tools to apply** in their given local context.



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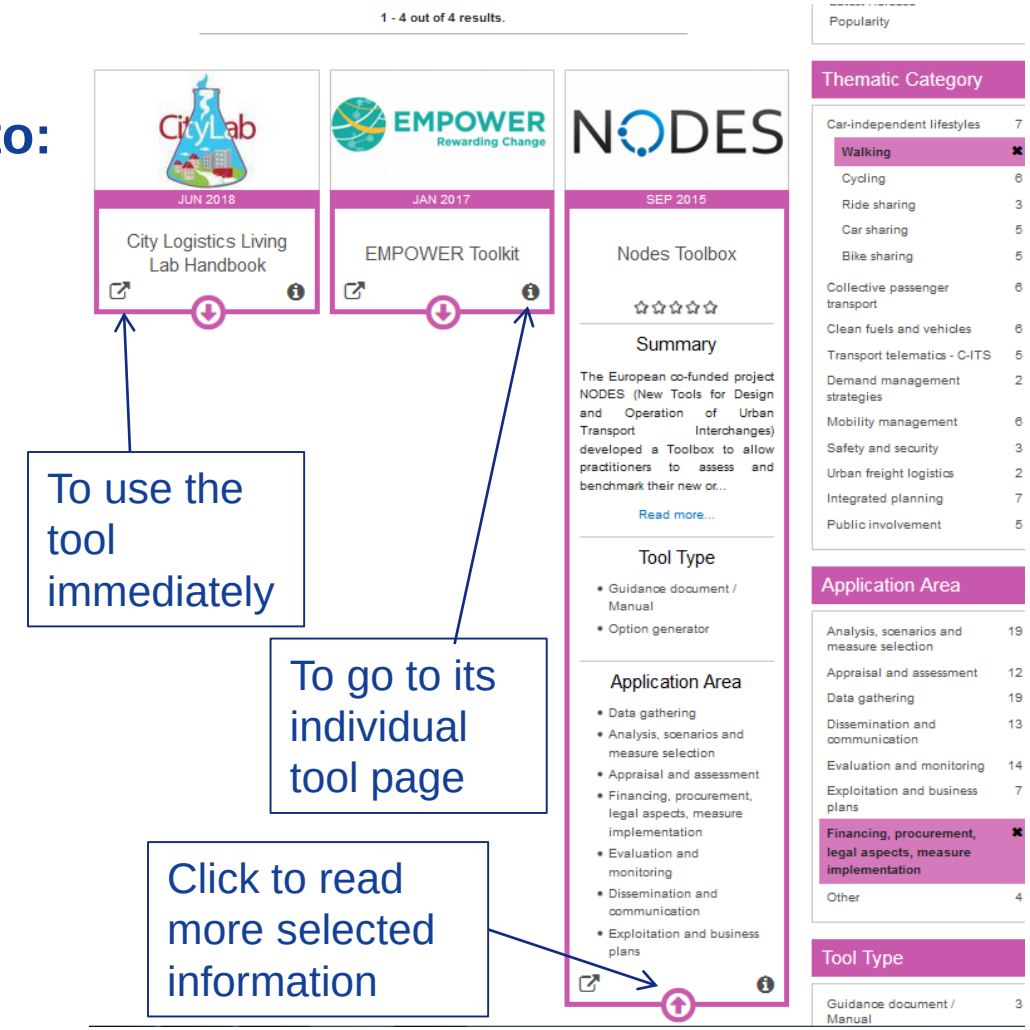
Using the Tool Inventory
Filter results

For each tool, you can choose to:

- Go directly to its website;
- Go to a separate page for the tool;
- Click on the downward arrow below the box for selected information on the tool.



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Using the Tool Inventory
A tool page example

Stickyworld

Stickyworld

Application Area
- Data gathering
- Dissemination and communication
- Exploitation and business plans

Tool Type
- Mobile app

Target Audience
- Metropolitan regions

Summary

Stickyworld is a cloud-based crowdsourcing and consultation platform that makes it easy for professionals to engage and involve people outside their core team. It enables city and government teams to capture and build on the enormous value that resides in the ideas and feedback of employees, citizens, communities and stakeholders, and to manage their engagement.
Stickyworld's all-in-one solution is simple and flexible enough for any user in a government organisation to quickly publish an engagement website to suit their purposes, audience type, topic, method of engagement, timeframe and objectives. For public sector urban mobility projects, *Stickyworld* provides the capability of easily engaging customers and citizens using multimedia and data and hosting clearer conversations online about proposed transport innovation and services, including the ability to test a wide range of use cases across multiple locations. The combined use of media and data makes it easy to explain ideas and propositions and to host a conversation with different stakeholders from which to extract valuable insights to inform product or service development.

Stickyworld can be used by project partners throughout each stage of an urban mobility project - from gathering initial ideas and feedback, understanding the factors driving user acceptance to testing business models.

Stickyworld can play a key role in providing the data to ensure urban projects are people-friendly, enabling inclusion of all views across multiple demographics and geographies.

Access the tool

Good Example

The Smart City of Tallinn in Estonia set up a *Stickyworld* portal to share plans for a new high street with citizens and to crowdsource design ideas. The online citizen consultation and ideas forum was run by the Estonian Government, the Tallinn City Government and others running the Peatnav (High Street) urban renewal project. Many useful ideas were gathered informing the project and providing evidence to city officials of the desire for public change and how it can best be achieved.

Input Data

There is no input data required.

Share Tweet Share

Basic Information

English

July 2017

Stickyworld is a software-as-a-service on www.stickyworld.com. The starter package (from £200 / month) includes a one of f set up and basic training. Details at http://info.stickyworld.com/pricing-for-organizations

Creating participatory web sites on the Stickyworld platform can take from a number of hours, to a number of days. The time it takes to set up depends on the complexity of the engagement and whether content exists or has to be prepared.

The pricing plan includes one-time set up and training. Additional support is available as in-app chat. We also share tips and tricks and we follow up by sending you the guides that you need to be successful.

Contacts

Stickyworld Ltd

civitas@stickyworld.com

0044 20 3868 1334

Thematic Category

Public Involvement

Back to Tool Inventory

Tool rating system found on each page

Tool Rating

Your rating: None

No votes yet

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Development of the Tool Inventory

- 3 main steps of content development:
  1. **tool search,**
  2. **tool categorisation, and**
  3. **quality control.**

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Tool search

Extensive tool search among the outputs of

- previous and ongoing European mobility projects, tools offered by European and international organisations, private sector tools, Creative Commons tools - includes tools that have not been part of European projects;
- Various existing tool collections, tool guides, project & company websites, professional knowledge of mobility planners in the consortium has been used;
- Guided by:
    - SUMPs-Up Needs Assessment survey - Question 8 asked for the tools and methods the city is currently using in transport planning: 749 free-text responses that give a good indication of the tools and methods commonly used in European cities
    - CIVITAS SATELLITE User Needs Assessment survey

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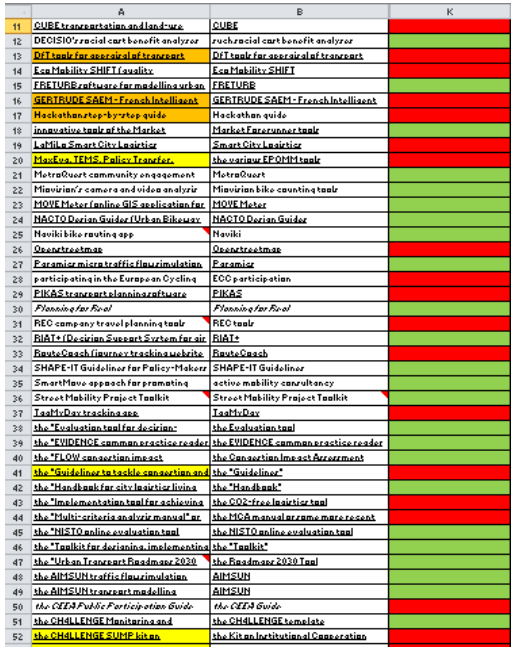
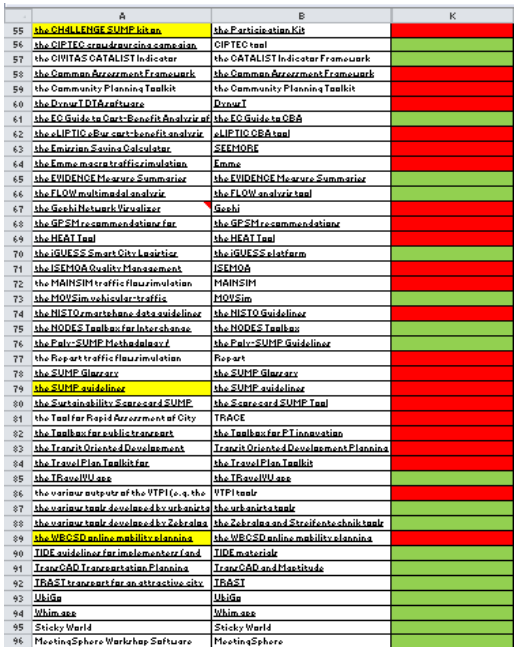
Tool search

- **186 SUMP tools were identified by Rupprecht Consult during the initial tool search,**
- **…after professional assessment of each tool,**
- **…128 tools were selected to be contacted in the first round.**



	A	B	K
11	CUBE transportation and land-use	CUBE	
12	DECISIO's racial cost benefit analysis	ruchracial cost benefit analysis	
13	DfT tools for appraisal of transport	DfT tools for appraisal of transport	
14	Eco Mobility SHIFT (quality	Eco Mobility SHIFT	
15	FRETURB software for modelling urban	FRETURB	
16	GERTRUDE SAEM - French Intelligent	GERTRUDE SAEM - French Intelligent	
17	Hackathon step-by-step guide	Hackathon guide	
18	innovative tools of the Market	Market Forerunner tools	
19	LaMiLo Smart City Logistics	Smart City Logistics	
20	MaaEva, TEMS, Policy Transfer,	the various EPOMM tools	
21	MetroQuest community engagement	MetroQuest	
22	Miovision's camera and video analysis	Miovision bike counting tools	
23	MOVE Meter (online GIS application for	MOVE Meter	
24	NACTO Design Guide (Urban Bikeway	NACTO Design Guide	
25	Naviki bike routing app	Naviki	
26	Opentreetmap	Opentreetmap	
27	Paramics micro traffic flow simulation	Paramics	
28	participating in the European Cycling	ECC participation	
29	PIKAS transport planning software	PIKAS	
30	*Planning for Real*	*Planning for Real*	
31	REC company travel planning tools	REC tools	
32	RiAT+ (Decision Support System for air	RiAT+	
33	RouteCoach (journey tracking website	RouteCoach	
34	SHAPE-IT Guidelines for Policy-Makers	SHAPE-IT Guidelines	
35	SmartMove approach for promoting	active mobility consultancy	
36	Street Mobility Project Toolkit	Street Mobility Project Toolkit	
37	TaxiMyDay tracking app	TaxiMyDay	
38	the "Evaluation tool for decision-	the Evaluation tool	
39	the "EVIDENCE common practice reader	the EVIDENCE common practice reader	
40	the "FLOW congestion impact	the Congestion Impact Assessment	
41	the "Guidelines to tackle congestion and	the "Guidelines"	
42	the "Handbook for city logistics living	the "Handbook"	
43	the "Implementation tool for achieving	the CO2-free logistics tool	
44	the "Multi-criteria analysis manual" or	the MCA manual or some more recent	
45	the "NISTO online evaluation tool	the NISTO online evaluation tool	
46	the "Toolkit for designing, implementing	the "Toolkit"	
47	the "Urban Transport Roadmaps 2030	the Roadmaps 2030 Tool	
48	the AIMSUN traffic flow simulation	AIMSUN	
49	the AIMSUN transport modelling	AIMSUN	
50	*the CEEQ Public Participation Guide*	*the CEEQ Guide*	
51	the CHALLENGE Monitoring and	the CHALLENGE template	
52	the CHALLENGE SUMP kit on	the Kit on Institutional Cooperation	



	A	B	K
55	the CHALLENGE SUMP kit on	the Participation Kit	
56	the CIPTEC crowdsourcing campaign	CIPTEC tool	
57	the CIVITAS CATALIST Indicator	the CATALIST Indicator Framework	
58	the Common Assessment Framework	the Common Assessment Framework	
59	the Community Planning Toolkit	the Community Planning Toolkit	
60	the DynusT DTA software	DynusT	
61	the EC Guide to Cost-Benefit Analysis of	the EC Guide to CBA	
62	the eLIPTIC eBus cost-benefit analysis	eLIPTIC CBA tool	
63	the Emission Saving Calculator	SEEMORE	
64	the Emme macro traffic simulation	Emme	
65	the EVIDENCE Measure Summaries	the EVIDENCE Measure Summaries	
66	the FLOW multimodal analysis	the FLOW analysis tool	
67	the Geshi Network Visualizer	Geshi	
68	the GPSM recommendations for	the GPSM recommendations	
69	the HEAT Tool	the HEAT Tool	
70	the iGUESS Smart City Logistics	the iGUESS platform	
71	the ISEMOA Quality Management	ISEMOA	
72	the MAINSIM traffic flow simulation	MAINSIM	
73	the MOVSim vehicular traffic	MOVSim	
74	the NISTO smartphone data guideline	the NISTO Guideline	
75	the NODES Toolbox for Interchange	the NODES Toolbox	
76	the Poly-SUMP Methodology /	the Poly-SUMP Guideline	
77	the Report traffic flow simulation	Report	
78	the SUMP Glossary	the SUMP Glossary	
79	the SUMP guideline	the SUMP guideline	
80	the Sustainability Scorecard SUMP	the Scorecard SUMP Tool	
81	the Tool for Rapid Assessment of City	TRACE	
82	the Toolbox for public transport	the Toolbox for PT innovation	
83	the Transit Oriented Development	Transit Oriented Development Planning	
84	the Travel Plan Toolkit for	the Travel Plan Toolkit	
85	the TRavelWU app	the TRavelWU app	
86	the various outputs of the VTPI (e.g. the	VTPI tools	
87	the various tools developed by urbanists	the urbanists tools	
88	the various tools developed by Zebralog	the Zebralog and Streifenteschnik tools	
89	the WBCSD online mobility planning	the WBCSD online mobility planning	
90	TIDE guidelines for implementers (and	TIDE materials	
91	TransCAD Transportation Planning	TransCAD and Mastitude	
92	TRAST transport for an attractive city	TRAST	
93	UbiGo	UbiGo	
94	Whim app	Whim app	
95	Sticky World	Sticky World	
96	MeetingSphere Workshop Software	MeetingSphere	

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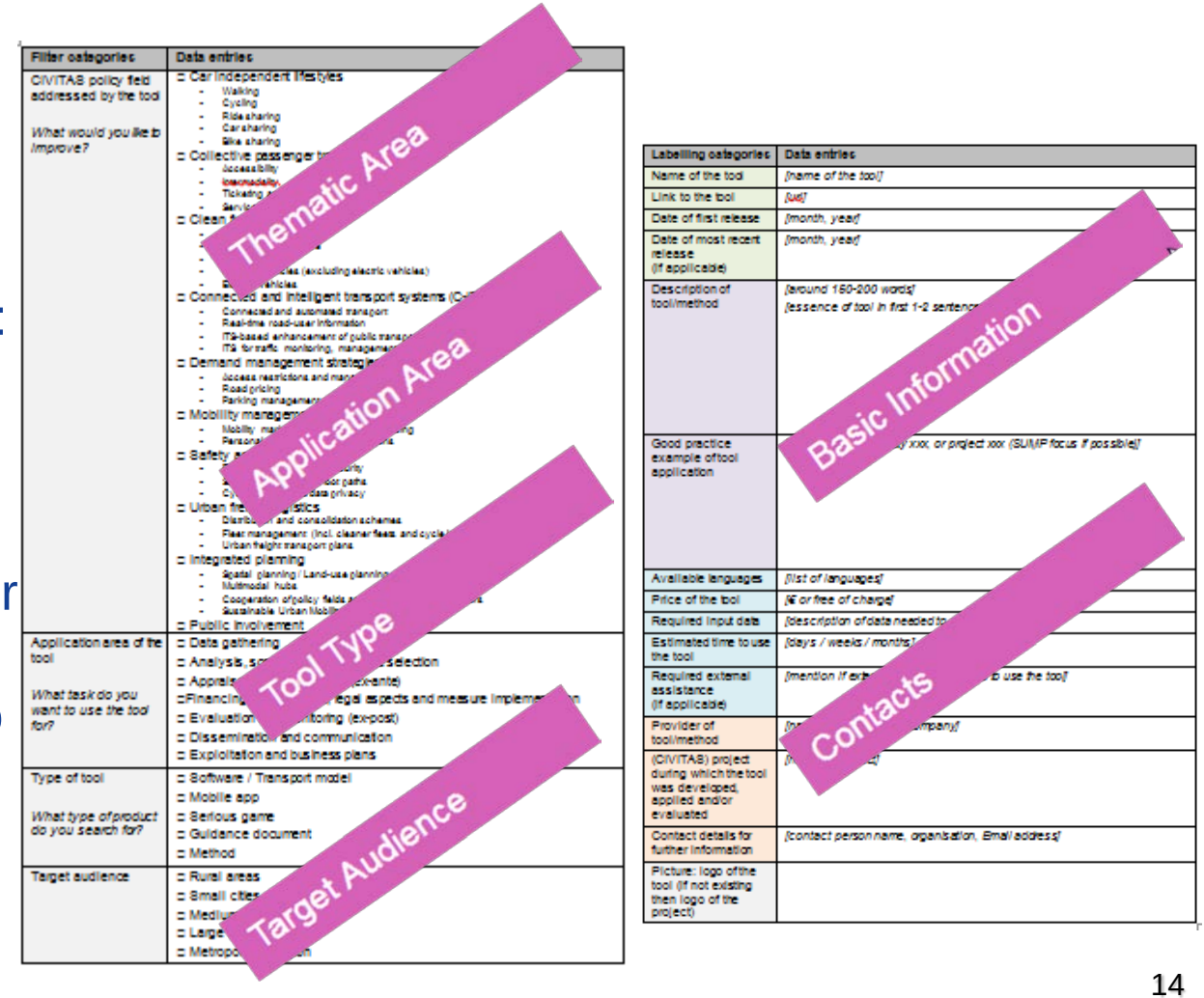
Tool categorisation

A standardised structure for describing tools has been developed.

5 key categories were selected as filter categories: **thematic area, application area, tool type, target audience, and language**.

Vital practical information for detailed entry of each tool: summary, language, time to apply it, price, data requirements, required assistance, etc.



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Quality control

Extensive tool search among the outputs of

- All entries were reviewed for relevance to mobility planners and decision makers, for readability and completeness;
  Most tool developers were contacted for additional information or clarifications to optimise the descriptions

- And, voilá, adding some excellent design and programming work done at ICLEI, testing and bug-fixing and other „small details“ we had the **CIVITAS Tool Inventory!**

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Suitability check

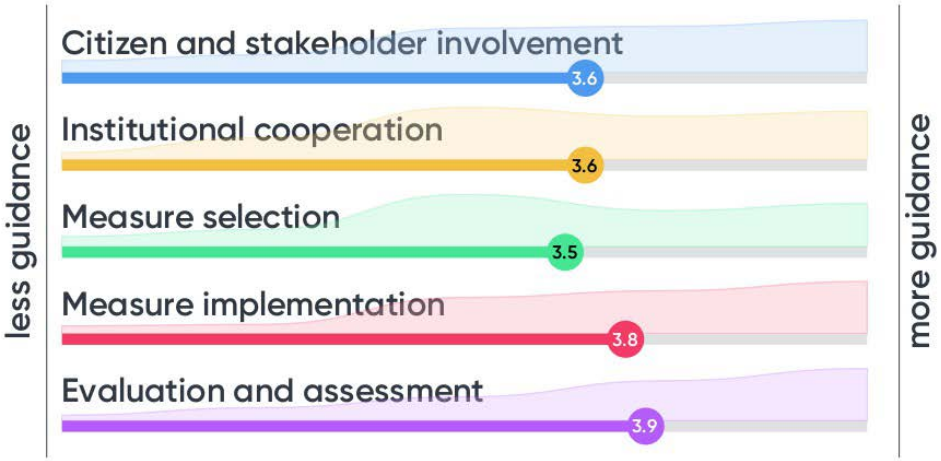
Figure 4: Number of tools in different categories useful for addressing high motorisation rates

- The Suitability Check showed that a good balance of tools was included. The tools have been assessed against city types and key SUMP process areas identified as priorities in the extensive SUMP needs assessment that was conducted in earlier this year.

Figure 5: Number of tools for priority tasks for new and traditional policy fields

Update SUMP Guidelines

Online survey at SUMP Conference



- A significant amount of **guidance** is still expected by the SUMP community.
- Demand is strong for **all key SUMP aspects**

Basis: SUMP Conference Survey (178 responses).

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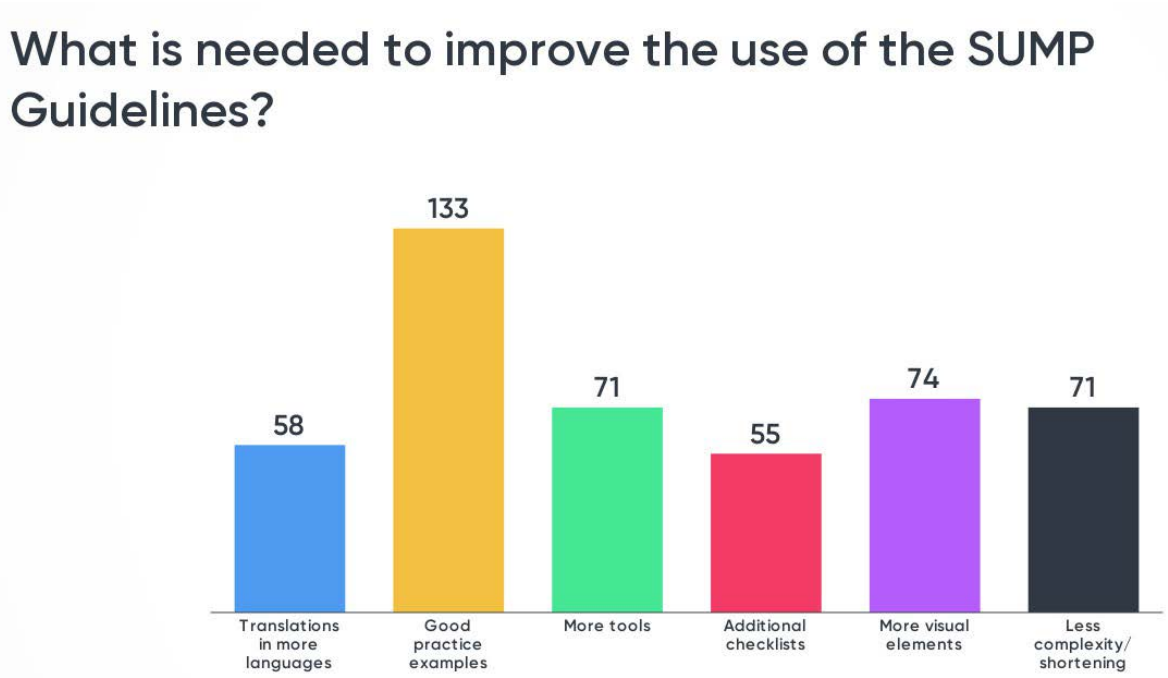
Update SUMP Guidelines

Online survey at SUMP Conference



Basis: SUMP Conference Survey (160 responses).

- There is a strong demand for additional/ updated **good practice examples**.
- More **visual elements** and **tools** should be included.
- **Complexity** should be reduced.

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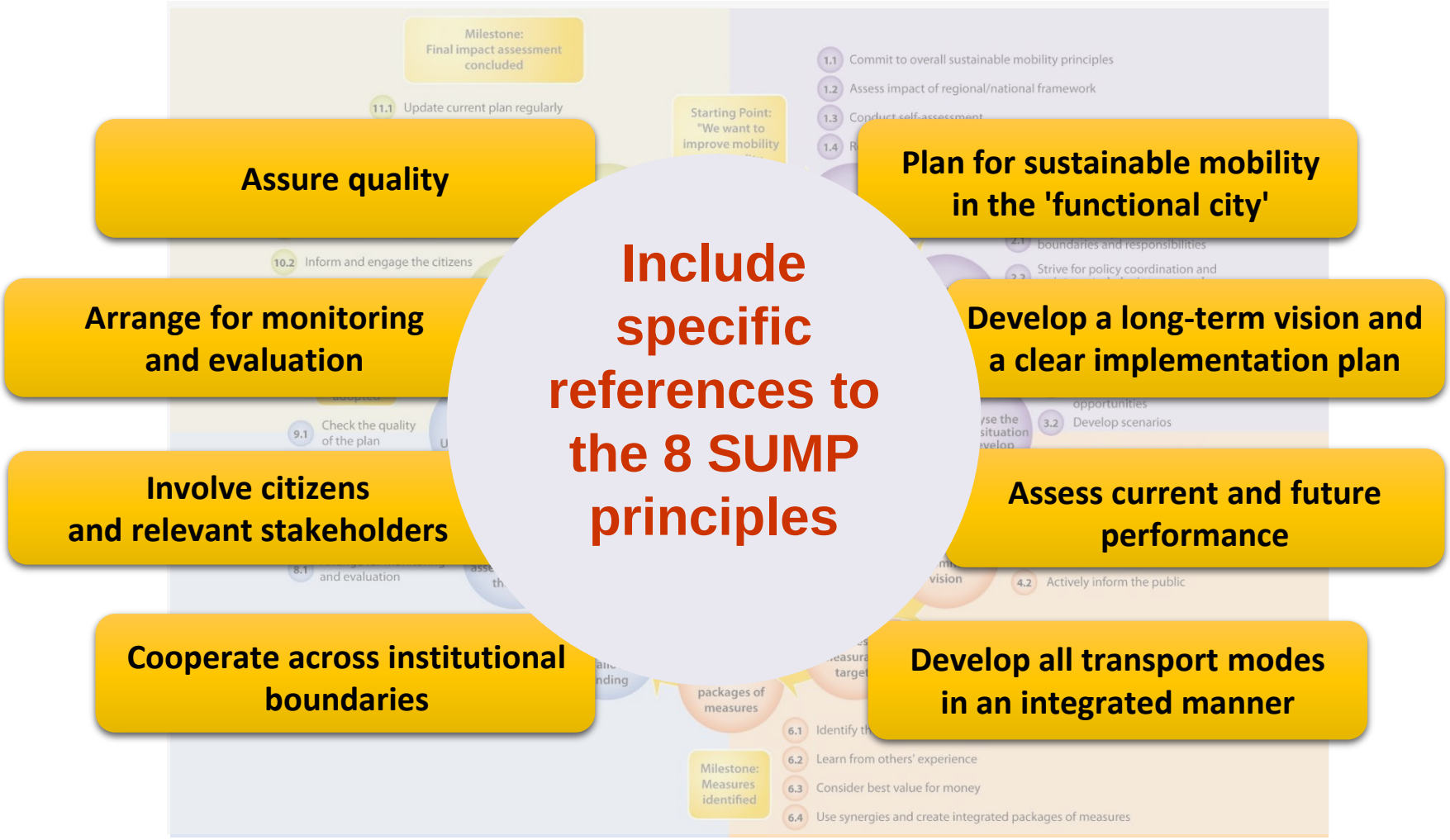
Update SUMP Guidelines



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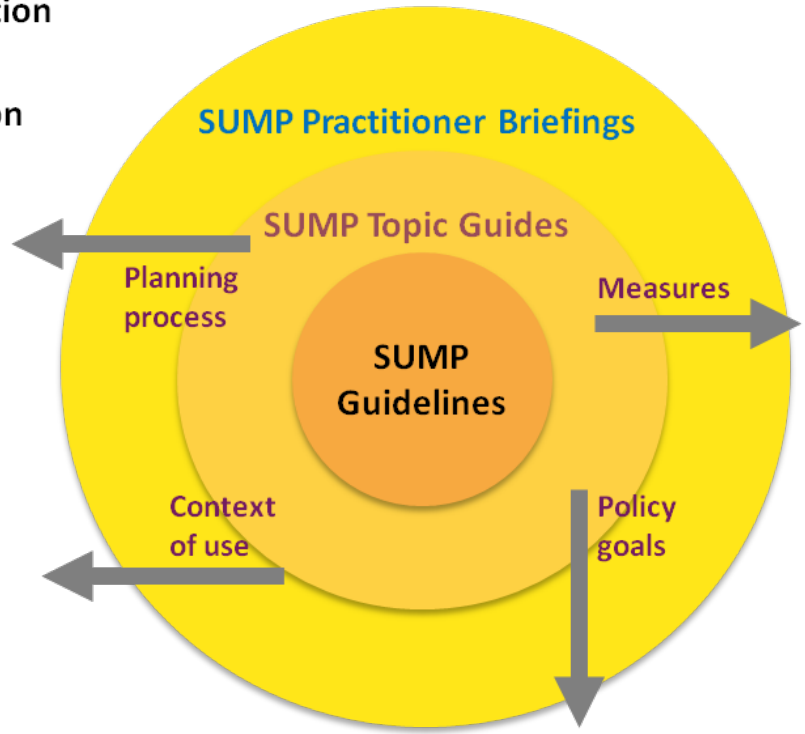
Overview of Existing, Confirmed and Future SUMP Guidance

- Monitoring and evaluation
- Participation
- Institutional cooperation
- Measure selection and measure packages
- Action Plans
- National frameworks
- Use of real time data

- Polycentric regions
- Suburban districts/ "city region"
- Metropolitan areas
- Small and medium-sized cities
- Neighbourhood Planning
- Urban nodes/ TEN-T
- Emerging countries/ Global South



- Sustainable Urban Logistics Plan
- Financing, procurement and contracting
- Alternative fuel infrastructure
- Connected and Automated Driving
- Shared Mobility
- Parking
- Urban air mobility
- MaaS and ITS
- Active mobility
- Urban Vehicle Access Regulation

- Harmonization of energy & mobility planning
- Vulnerable groups and gender issues
- Air quality and electrification
- Health/ health economics
- Social Impact Assessment/ Transport equity
- Road safety

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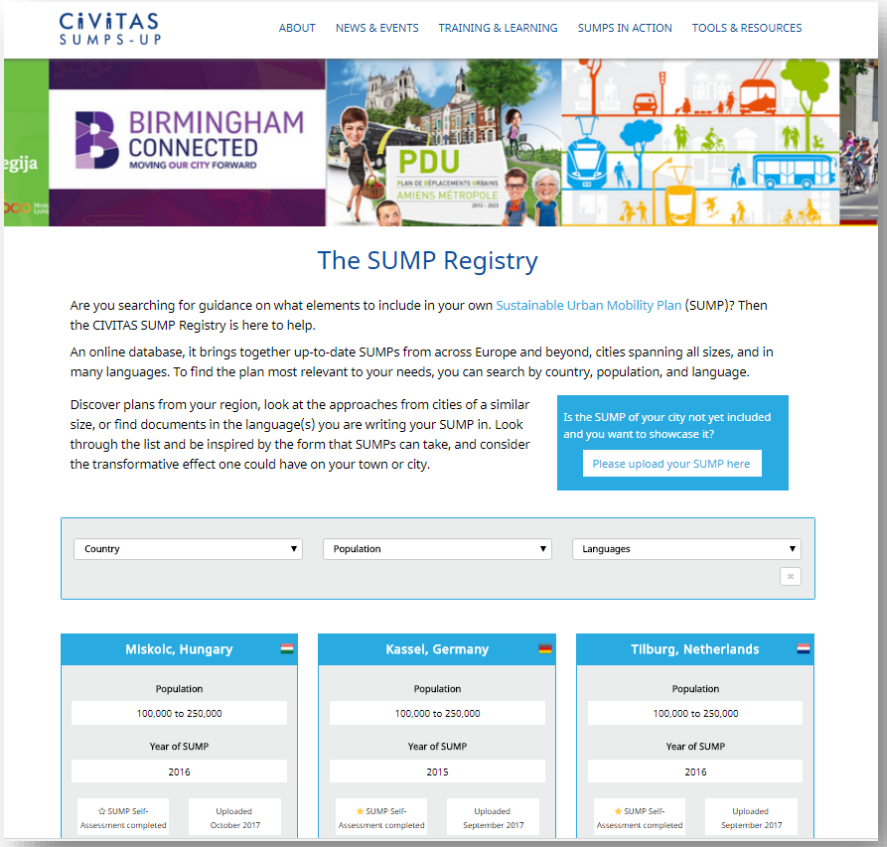
Suitability check

Online SUMP Registry

An online database that brings together up-to-date SUMPs from across Europe and beyond, cities spanning all sizes, and in many languages.

To find the plan most relevant to your needs, you can search by country, population, and language.



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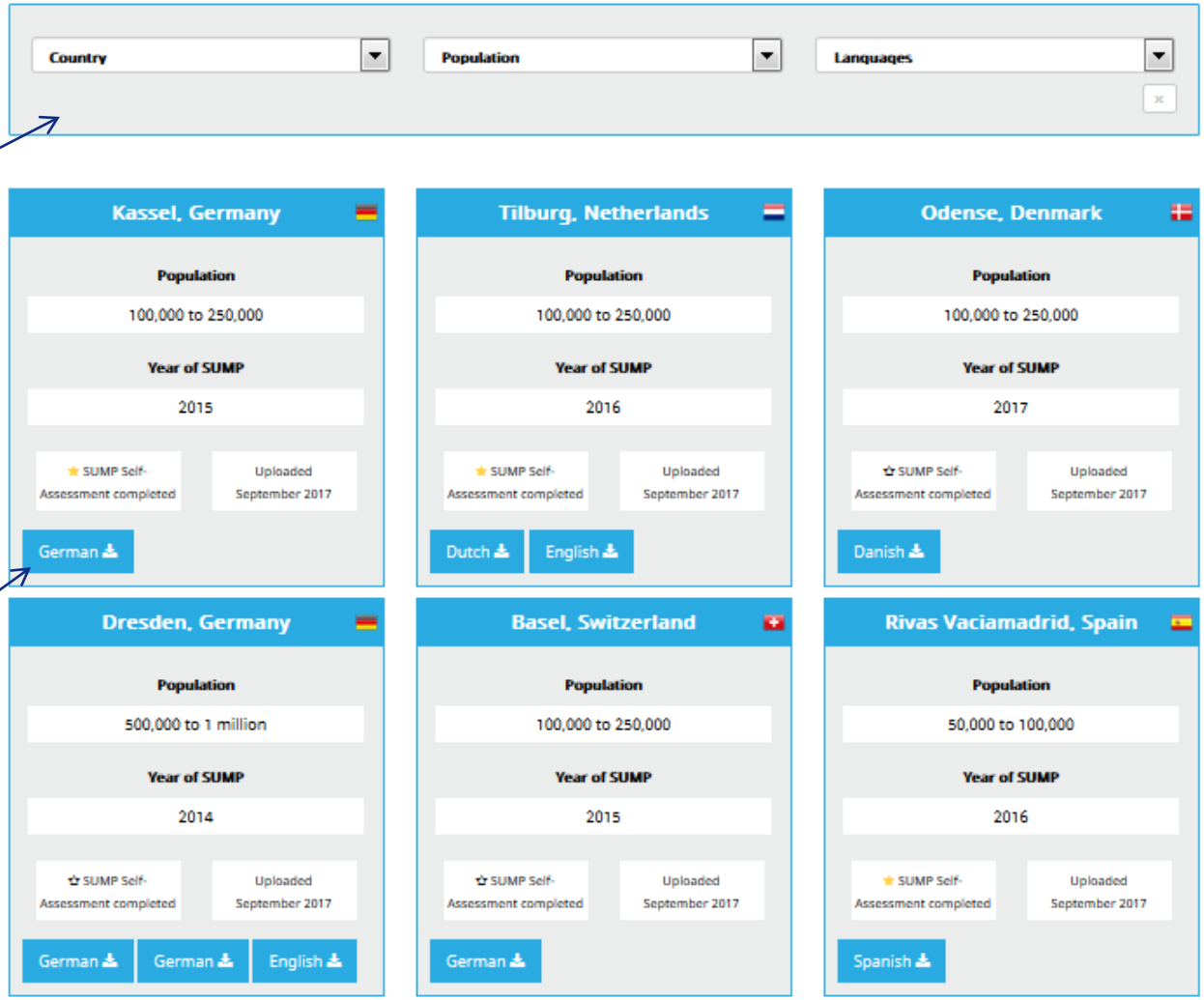
Using the Registry
First view and filtering results

- SUMPs in the Registry can be filtered according to:
- country;
- population of the city;
- language of the document.

PDFs of the SUMPs can be downloaded directly.



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Upload a SUMP to the Registry
The first step

- Uploading a SUMP is incredibly simple. Click on the button seen below on the main registry page (above the filters):

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Other SUMPs-Up support tools

Manuals on the integration of measures and measure packages in a SUMP

A series of manuals covering three different city profiles, with each having a different level of experience and expertise in the development of mobility policies and measures.

- provide guidance on identifying appropriate SUMP measures, and how to enhance selected mobility fields.
- contain recommendations, rating systems for priorities of measures, and checklists tailored to each city type.

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Other SUMPs-Up support tools

Manuals on the integration of measures and measure packages in a SUMP

Start - Beginner Cities

This offers examples and suggestions on conducting measure selection for a first SUMP, possible measures to consider, grading these measures, and gaining approval for their implementation.

Step-up - Intermediate Cities

This gives advice on applying a more systematic approach to measure selection, finding synergies between different measure types and policy areas, and integrating measures from new fields into what has already been done in a city.

Innovate - Advanced Cities

This focuses on finding ways to cooperate with stakeholders and the public and open up participation, approaches that help realise the implementation of new ideas, and devising strategies to foster innovation and reach beyond the transport sector.

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Other SUMPs-Up support tools

The Status of SUMPs in EU Member States

Information on currently in place **SUMP-related national frameworks was assessed** in in EU Member States.

Key questions:

- current status of national SUMP programmes in EU Member States;
- successful national programmes and their key contents;
- drivers and barriers linked to SUMP planning in cities, regions, and countries;
- the needs for development and improvement of national programmes.

Eltis

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Other SUMPs-Up support tools

Standards for Developing a SUMP Action Plan

It provides city planners with the step-by-step know-how necessary for the development of SUMP action plans. It considers different levels of SUMP development experience and maturity amongst cities.

The report contains the following:

- what to include in an AP - responsibilities, resources, stakeholder coordination, time plans, and funding sources;
- a breakdown of developing an action plan into a six-step process, with the final stage of this an implementation plan;
- examples of action plan templates and a user manual;
- references to examples of good action plans.

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Thank you!

For any questions, please contact me:

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