



CiViTAS FORUM 2019

CIVITAS ANNUAL CONFERENCE | 2-4 OCTOBER 2019 | GRAZ | AUSTRIA



CIVITAS Forum Conference 2019 – Back to the Future

Location: Congress Graz, Sparkassenplatz 1, 8010 Graz

Please note: Preceding the conference, you are invited to join a **free Eltis training on integrating health and SUMP**s in the morning of 2 October.

Health is a key benefit of SUMP^s – but how do we really integrate the two and deliver improved mental and physical wellbeing through the plan we design and the mobility measures we implement? This is a crucial issue and guidance is now provided in the new SUMP2.0 Practitioner Briefing from the PROSPERITY project. Why not find out more and discuss with colleagues and experts? Register for this training event where Tom Rye, Claus Köllinger and Robert Pressl give insight on this field of activity and what cities could do to integrate health aspects in their transport planning. The training is interactive and therefore only 30 places are available. It takes place 2 October, 9:00 – 11:15 and participation is free of charge. Please register for the training [here](#).

Day 1 (Wednesday, 2 October 2019)	
from 09:30 ¹	Conference registration including coffee
10:30-12:30	SITE VISITS (for more information see below) <ul style="list-style-type: none"> • A: Mobility in the historic city centre of Graz – a city for cars or more space for people? • B: Smart City Graz – a city of short trips • C: Innovative mobility solutions for an historic city • D: Pilot Project “GrazLog”: A walkshop on sustainable urban logistics • E: Research and education in aerospace for a better mobility
LUNCH	
14:00-14:30	OPENING PLENARY Room: Stefaniensaal

¹ CIVITAS PAC (Political Advisory Committee Meeting – closed event) hosted by the City of Graz, 09:00-13:30, at the Town Hall, a 2 min. walk from the congress centre.

	<p><i>Chair: Karen Vancluysen, Secretary General, Polis Network</i></p> <p>Welcome addresses</p> <ul style="list-style-type: none"> • Siegfried Nagl, Mayor, City of Graz • Oliver Wieser, Delegate of the Styrian state parliament • Andreas Reichhardt, Austrian Minister of Transport, Innovation and Technology (tbc) • Matthew Baldwin, Deputy Director-General, DG MOVE, European Commission • Dirk Beckers, Director, Innovation and Networks Executive Agency (INEA) • Dejan Crnek, Vice Mayor, City of Ljubljana and Chair of the CIVITAS Political Advisory Committee (PAC) 				
14:30-16:00	<p>KEYNOTE SPEECHES</p> <ul style="list-style-type: none"> • Improving your city's transport future – have you ever thought of looking back?, Laurie Pickup, Vectos • We, myself and AI, Herman Konings, Pocket Marketing/nXt • The SUMP 2.0 guidelines, Susanne Böhler-Baedeker, Lasse Brand & Lisa Marie Brunner, Rupprecht Consult 				
<p>COFFEE BREAK and opening of CIVITAS success stories exhibition by Dejan Crnek (City of Ljubljana, Slovenia)</p>					
16:30-18:00	PARALLEL SESSIONS 1				
	Session 1: SUMP 2.0: The new Guidelines and Cycle – How cities are implementing them	Session 2: Road Safety: Achieving 'Vision Zero'	Session 3: Making the Transition to Urban Vehicle Access Regulations	Session 4: Freight and logistics cooperation platforms and solutions	Session 5: Digital mobility tools and services
19:15	COCKTAIL RECEPTION at Schloßberg Restaurant (Schloßberg 7, 8010 Graz)				

Day 2 (Thursday, 3 October 2019)					
09:30-13:00	CIVITAS Politicians' Forum: Effective EU-level support for improving urban mobility (by invitation only)				
09:30-11:00	PARALLEL SESSIONS 2				
	Session 6: Charging infrastructure leading to large scale e-fleet deployment	Session 7: Towards integrated new mobility services: experiences in achieving MaaS from European and CIVITAS projects	Session 8: Big data, digital solutions and Artificial Intelligence in transport	Session 9: How new technologies and strategies can change peoples' behaviour	Session 10: Successful deployment of Horizon 2020 project results: when a project ending is only the beginning
COFFEE BREAK					
11:30-13:00	PARALLEL SESSIONS 3				
	Session 11: The key to successful mobility planning – Sustainable Urban Mobility Planning in practice	Session 12: Safe and efficient freight and service movements in the liveable city	Session 13: Alternative Fuels: Pathways to the decarbonisation of transport	Session 14a: Modal split as an important indicator in sustainable mobility – experiences from CIVITAS, the SUMI project and European cities (11:30-12:15) Session 14b: Multimodal mobility points in the	Session 15: Living Labs – Methods and design for open innovation in sustainable urban mobility

				<p>Baltic Sea Region – experiences from the Cities.multimodal project (12:15-13:00) *</p> <p>* Please note that due to the format of the session the number of participants is restricted to 40 participants. Please arrive on time to secure your place!</p>	
LUNCH					

14:30-16:00	PARALLEL SESSIONS 4				
	<p>Session 16: Start the Parking Revolution!</p>	<p>Session 17: Cycling and walking: what does the future look like?</p>	<p>Session 18: Transport for all: challenges, opportunities and new tools to improve mobility in rural and peri-urban areas</p>	<p>Session 19: 19a: Experience the new SUMP self-assessment online tool (14:30-15:15)</p> <p>19b: Procurement and management of municipal fleets (15:15-16:00)</p>	<p>Session 20: Ready to change – MaaS readiness in practice</p>
COFFEE BREAK					

16:30-18:00	PARALLEL SESSIONS 5				
	Session 21: Beyond boundaries: improving mobility across the wider urban area	Session 22: Sustainable Urban Mobility Planning for Road Vehicle Automation	Session 23: Inclusive community engagement at the neighbourhood level – Genuine involvement of and benefits for children, ethnic minorities, older people, etc.	Session 24: How smart and sustainable mobility can make tourism more attractive?	Session 25: New Mobility Services and disruptive technologies: Policy questions for the next decade

19:00	GALA DINNER at Stefaniensaal, Congress Graz, hosted by the City of Graz, including CIVITAS Awards Ceremony , moderated by Karen Vancluysen and Russel Bruner
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Day 3 (Friday, 4 October 2019)					
09:30-11:00	PARALLEL SESSIONS 6				
	Session 26: The future of the EC's urban mobility policy and EC funding and financing streams	Session 27: Urban air mobility	Session 28: Socio-demographic challenges, diversity and gender – Free market solutions versus political interventions	Session 29: Bicycles and ITS: Making Cycling Smarter	Session 30: Mobility solutions for 21 st century cities

COFFEE BREAK

11:30-12:30	<p>CLOSING PLENARY</p> <p>Room: Stefaniensaal</p> <p><i>Chair: Karen Vancluysen, Secretary General, Polis Network</i></p> <p>Plenary discussion “Back to the future”, moderated by Marcel Rommerts, Innovation and Networks Executive Agency (INEA)</p>
12:30-13:00	<p>CLOSING STATEMENTS</p> <ul style="list-style-type: none"> • Policy outlook and next year’s conference, Herald Ruijters, Director, DG MOVE, European Commission • Good-bye and farewell, Bertram Werle, Director for Urban Planning, Development and Construction, City of Graz
LUNCH	
14:00-15:30	<p>SITE VISITS (for more information see below)</p> <ul style="list-style-type: none"> • A: Mobility in the historic city centre of Graz – a city for cars or more space for people? • B: Smart City Graz – a city of short trips • C: Innovative mobility solutions for an historic city • D: Pilot Project “GrazLog”: A walkshop on sustainable urban logistics • E: Research and education in aerospace for a better mobility • F: tim goes REGIOtim – Urban and peripheral examples of multi modal hubs in contrast (from 14:00-17:00)

SESSION DESCRIPTIONS

PARALLEL SESSIONS 1

SESSION 1: SUMP 2.0: The new Guidelines and Cycle – How cities are implementing them

Wednesday, 2 October, 16:30 – 18:00

Moderator: Susanne Böhler-Baedeker, Rupprecht Consult

- The new SUMP guidelines and cycle, Siegfried Rupprecht (Rupprecht Consult, Germany)
- Drawing on scientific expertise to develop a Mobility Monitoring Centre and SUMP in Thessaloniki, Maria Morfoulaki (Hellenic Institute of Transport, Greece)
- How our innovative travel survey app and advanced data collection techniques have shaped our SUMP approach, Andreas Nordin (City of Malmo, Sweden)
- Using Census Data to better plan our Active Travel Network: The Opportunities and Challenges for Aberdeen, Alan James Simpson (Aberdeen City Council, U.K.)
- The Community Infrastructure Levy: Using new (commercial) developments to fund transport improves, Hayley Claybrook (City of Birmingham, U.K.)

Session abstract and format:

The second edition of the EU SUMP Guidelines will be launched at this year's Forum conference! The release of such an important document – based on consultation with 200 stakeholders and enriched by a broad range of tools, good practices and thematic guides – inevitably throws up many questions. To answer these, the session will open with an introduction to the Guidelines. Next, it will be time to focus on a crucial component of the new document: the revised SUMP cycle. The experiences of four cities – Aberdeen, Birmingham, Malmo and Thessaloniki – will reveal how it is possible to integrate new and refined steps from the cycle into mobility planning practice. These inspiring examples will give attendees a clear picture on to utilise the new Guidelines and how to apply SUMP principles. The session will feature a set of power-point based presentations and will end with a Q&A with all presenters.

SESSION 2: Road Safety: Achieving 'Vision Zero'

Wednesday, 2 October, 16:30 – 18:00

Moderator: Pedro Homem de Gouveia, City of Lisbon



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Presentations:

- Road Safety – An EU policy outlook, Matthew Baldwin (DG MOVE, European Commission)
- A holistic approach of road safety and vulnerable road users, Dirk Engels (Transport & Mobility Leuven, Belgium)

Panellists:

- Ceri Woollsgrove (European Cyclists' Federation, Belgium)
- Lukasz Franek (Krakow Transport Authority, Poland)
- Agnieszka Rogala (Warsaw Public Road Authority, Poland)

Session abstract and format: There are 25,000 fatalities and 135,000 serious injuries in the EU each year due to traffic accidents. 37% of these incidents occur on the streets of cities and urban areas, involving a significant proportion of vulnerable road users. While advances have been made in recent decades to reduce these accidents, progress has unfortunately stagnated in the last few years. In 2019, major milestones were reached in the form of new European legislation for safety technologies for new vehicles and on road infrastructure. This will lead to further reductions in fatalities and injuries, as vehicle safety technologies progressively penetrate the market and safety considerations for road infrastructure become increasingly apparent. These legislative landmarks are a significant step towards the European Commission's 'Vision Zero' which is a long-term goal of moving close to zero fatalities and serious road injuries in road transport by 2050. The question now becomes, where do we go from here? This session will address how to reach Vision Zero, with a focus on the urban area.

The session will kick off with an EU road safety policy outlook, followed by a presentation on vulnerable road users. The main part of the session will be a panel discussion on the ground measures and best practices to achieve 'Vision Zero'.

SESSION 3: Making the Transition to Urban Vehicle Access Regulations

Wednesday, 2 October, 16:30 – 18:00

Moderator: Bonnie Fenton, Rupprecht Consult

- From low-emission zone to ultra-low emission zones, Catherine Westoby (Transport for London, U.K.)
- "Madrid Central": Results almost one year after the implementation of the low-emission zone, Sergio Fernandez Balaguer (EMT Madrid, Spain)
- Urban Vehicle Access Regulations in Norway (Oslo/ Bergen), Heimo Haub (EFKON GmbH, Austria)
- Low-emission zones and other access regulations, Lucy Sadler (Sadler Consultants, Germany)
- Geofencing and other related UVAR technology, Dirk van Amelsfort (WSP Sweden)

Session abstract and format: According to the European Commission, immediate and courageous action is required in the fields of urban mobility planning, urban logistics, urban road safety, ITS and smarter urban vehicle access regulations. Whereas many activities are aimed at the first four areas, concrete action toward urban vehicle access regulations is comparatively uncommon. "Carrot" measures are much



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easier to introduce than “sticks”, but without sticks we neglect an effective lever to achieve the goals of climate neutrality, air quality and urban liveability.

Understanding that sticks need to be introduced within a coherent framework in order to succeed, this session looks at cities’ UVAR activities through the lens of four “transition areas” identified by the CIVITAS ReVeAL project that are crucial to the normalisation of UVAR in cities: governance and financing, user needs and acceptance, mobility concepts, and system design/ technology. This session brings together cities that have already begun to introduce UVAR measures and experts working on geofencing and low-emission zones. The session will feature a set of power-point based presentations, followed by a discussion comparing experiences across cities.

SESSION 4: Freight and logistics cooperation platforms and solutions

Wednesday, 2 October, 16:30 – 18:00

Moderator: Tim Durant, Vectos

- Integrated governance and SUMP for city and port: Constanta’s city and port decision-support forum, George Lupascu (Constanta Metropolitan Zone, Romania)
- Fostering (logistics) innovation in partnership with the private sector: the Antwerp Marketplace for Mobility, Marijke De Roeck (City of Antwerp, Belgium)
- Sharing data and coordinating freight movements to avoid congestion on the Trieste city road network, Valentina Boschian and Ivano Di Santo (Port of Trieste, Italy)
- Aberdeen’s smart transport system for freight, Rab Dickson (NESTRANS, U.K.)

Session abstract and format: Taking participants on a journey to the port cities of Aberdeen, Antwerp, Constanta and Trieste, this session will explore how the cities are re-shaping their governance, innovation and data sharing processes to improve cooperation and deliver logistics solutions. Covering both city centre logistics and coordination of long-distance freight movements, the cities will present the measures they are putting in place to enable efficient and clean trade flows, alongside providing for sustainable mobility and cleaner, more liveable city environments for their citizens and visitors.

The session will consist of a mix of speed briefings, short slide presentations and a semi-structured panel discussion. Participants will be encouraged to share initiatives and experiences from their own cities.

SESSION 5: Digital mobility tools and services

Wednesday, 2 October, 16:30 – 18:00

Moderator: Edwin Mermans, Province of Noord-Brabant

- A better way to collect high quality and verifiable ped and bike data, Roman Rohrberg (Miovision Technologies GmbH, Germany)



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- My-TRAC: My Travel Companion app, Alfonso Gonzáles Briones (BISITE Research Group, University of Salamanca, Spain)
- MobiMeter – an acquisition and analysis tool for mobility behaviour, Kurt Fallast (PLANUM Fallast Tischler & Partner GmbH, Austria)
- AirVeraCity – actionable and accurate high-resolution air quality data, Kristian Lande (AirVeraCity, Switzerland)
- Telraam – Citizen science fills in blind spot of traffic counting, Laurens Vander Kuylen (Mobiel 21, Belgium) and Wouter Florizoone (Transport & Mobility Leuven)
- Ping if you care! – Citizens science for better cycling conditions, Elke Bossaert (Mobiel 21, Belgium) and Adi Hirzer (Bike Citizens, Austria)
- CITY CYCLING: How a campaign gets a thousand cities with hundreds of thousands of citizens on their bikes, André Muno (Climate Alliance, Germany)
- Mobility planning with employers, Sándor Nagy (Municipality of Szeged, Hungary)
- Italian bike patrol academy, Alex D'Agosta (EPMC Esperti Promotori della Mobilità Ciclistica, Switzerland)

Session abstract and format: Digitalisation is becoming a crucial necessity when it comes to mobility management in European cities. Several tools and services are being developed to demonstrate the value of data collected about transport and its use to make mobility planning more efficient and sustainable. This session showcases several smart tools and services to innovate and make urban transport smarter, for example by collecting high quality data, increasing modal split, measuring air quality or planning together with users.

After a short introduction of the tools and services based on PechaKucha presentations, participants will have the chance to further discuss the opportunities provided by these digital solutions. During the 2nd half of the session, each tool and service will be presented at a different table and participants will be able to change tables three times before the end of the session, i.e. the tools and services will be presented three times for ca. 10 minutes at the tables.

PARALLEL SESSIONS 2

SESSION 6: Charging infrastructure leading to large scale e-fleet deployment

Thursday, 3 October, 9:30 – 11:00

Moderator: Yannick Bousse, UITP

- Smart combinations of renewable energy and charging, Chris Ashe (EIFI-Tech, Germany)
- Beyond clean fleets: towards liveable cities, Aida Abdulah (UITP, Belgium)
- Fostering smart e-mobility large scale adoption in European cities, Patricia Bellver Muñoz (ETRA I+D, Spain)
- GreenCharge: Electric mobility – dream or doable? Joe Gorman (SINTEF, Norway)
- TROLLEY 2.0 – trolley systems for smart cities, Wolfgang Backhaus (trolley:motion, Austria)
- EVs yay or nay? Lessons learned from working with users, Mariangelina Evliati (City of Stockholm, Sweden)



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Session abstract and format: European cities are moving into electric mobility and the shift from single pilots to real large-scale fleet deployments has started. This session brings together EU funded projects from different funding programmes to discuss the solutions they provide related to charging infrastructure that leads to large scale e-fleet deployment. The projects include CleanMobilEnergy, ASSURED, the JIVE projects, APOLLO-EU, MEISTER, GREENCHARGE, TROLLEY 2.0 and ECCENTRIC.

Following an introduction to the session by the moderator, the session will consist of several rounds of interactive 'speed networking'. Each presenter will have a dedicated roundtable, and participants can choose which tables to visit during the session.

SESSION 7: Towards integrated new mobility services: experiences in achieving MaaS from European and CIVITAS projects

Thursday, 3 October, 9:30 – 11:00

Moderator: Tamara Goldsteen, City of Helmond

- New mobility solutions, governance principles and regulation: the GECKO project, Yannick Bousse (UITP, Belgium)
- MaaS Implementation – Local Authorities' Perspectives, André Woodcock (University of Coventry, U.K.)
- CIVITAS ECCENTRIC: The road to MaaS in Turku and Madrid is paved with public transport improvements and rational car usage, Stella Aaltonen (City of Turku) and Sergio Fernández Balaguer (EMT Madrid, Spain)
- MaaS for residents and employees – case studies from Sweden, Anne Faxér and Maria Schnurr (RISE Research Institutes of Sweden)
- Car sharing in Europe: different business models, different impacts, 10 common policy recommendations, Johannes Rodenbach (Autodelen.net, Belgium)

Session abstract and format: New mobility service governance and integration are key research areas for CIVITAS cities. This session will showcase some local authorities' results in MaaS pilots, its governance and their views in this area. It will create synergies with other European funded projects – STARS, GECKO and iMOVE – for bringing these closer to the CIVITAS community, local authorities and businesses.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 8: Big data, digital solutions and Artificial Intelligence in transport

Thursday, 3 October, 9:30 – 11:00

Moderator: Adi Hirzer, Bike Citizens

- Big Data in Transport – Gaps and opportunities, Ilias Trochidis (Ortelio Ltd, U.K.)
- FinEst Smart Mobility: Smart Digital Solutions for Improved Traffic and Cross-border Mobility, Suvi Hänninen (City of Helsinki, Finland)
- National and regional approach on ITS – Realtime Traffic Information in Austria, Bernd Cagran-Hohl (City of Graz, Austria) (tbc)



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- Innovation for Better Data Management, and Civil Engagement for the Public Transportation in Teresina, Brazil, Rosa Gabriela Uchoa Lima Oliveira (Municipality of Teresina, Brazil)
- Artificial Intelligence in Public Transport, Gayang Ho (UITP Asia-Pacific, Hong Kong)

Session abstract and format: Digital services have been embraced by transport operators and companies and enhanced by policies in countries world-wide. Forthcoming digital technologies continue to change the ways in which data is collected, stored, presented and leveraged. Moreover, immersive technologies interact with a multitude of existing technologies, devices, processes and applications to enhance real-world environments. This session will offer an international viewpoint on smart digital solutions for mobility, Big Data, ITS at regional and national level and Artificial Intelligence in public transport.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 9: How new technologies and strategies can change peoples' behaviour

Thursday, 3 October, 9:30 – 11:00

Moderator: Ingrid Briesner, Austrian Mobility Research (tbc)

- Campaigns, tools and partnerships: an integrated approach towards mobility, N.N. (City of Antwerp, Belgium)
- Senior citizens and modern technologies, N.N. (CIVITAS ECCENTRIC)
- The MARGe app – Madeira Gamification Experience, Bruno Diogo Cardoso (ARDITI, Portugal)
- SaMBA Sustainable Mobility Behaviours in the Alpine Region – Tools and Pilot cases, Riccardo Ledda (Regione Piemonte, Italy)
- Commercial strategies in public transport to rebalance modal share in Funchal, Joana Gaudencio (Horários do Funchal, Portugal)

Session abstract and format: To keep cities accessible and liveable, a strong modal shift is needed from car to sustainable modes of transport. But it is evident, that it is not enough to provide people with the right infrastructure (bike lanes, public transport, shared mobility, etc.) and technological innovations only. A main factor of success is to encourage, train and convince people to definitely change their habits and use the available offers in a smart and sustainable way. Examples of successful implementation with very different approaches, they all follow the same goal: To change people's behaviour in times of technological innovations and under specific preconditions. In two interactive modules you will learn about new approaches to very well-known mobility challenges in European cities. Participants will have the chance to exchange experience and potential followers will be encouraged to follow new ways towards a behavioural change, which is the basis for acceptance and implementation/replication of measures towards a more sustainable mobility in Europe.

In this interactive session with different presentation styles and lively discussions, participants will get a deeper insight into the development of new tools on how to nudge/ encourage people to change behaviour.

SESSION 10: Successful deployment of Horizon 2020 project results: when a project ending is only the beginning



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Thursday, 3 October, 9:30 – 11:00

Moderator: Dirk Beckers, Innovation and Networks Executive Agency (INEA)

- European funding and further deployment of project's results, Dirk Beckers (Innovation and Networks Executive Agency (INEA), Belgium)
- CIVITAS FLOW: How transportation modelling is helping cities tackle urban road congestion, Nora Szabo (PTV, Austria)
- From CIVITAS ELIPTIC to EfficienCE: The Electrifying Results Gdynia's Trolleybus Network, Marta Woronowicz (PTK Gdynia, Poland)
- Reducing congestion to CREATE place-based cities – a H2020 project influencing urban planning policies, Peter Jones (University College London, U.K.)
- Deploying results from GrowSmarter – recommendations and replication for smarter mobility and transport in sustainable cities, Paul Fenton (City of Stockholm, Sweden)
- What makes some demonstration measures more influential in policy making? Some lessons from ECCENTRIC, Angel Aparicio (Technical University Madrid, Spain) and Paz Valiente (Madrid City Council, Spain)

Session abstract and format: A project is not a means to itself: the best ones serve as the catalyst for fundamental and impactful change in cities. The aim of this session is to discuss how completed or almost completed projects have exploited or are planning to deploy their results. It will position the innovations in urban transport and mobility on the EU transport research and innovation map while giving a perspective of the EU funding tools/ schemes available to assist the further deployment of results of Horizon 2020 projects, depending on their Technology Readiness Level. The session will showcase prime examples from several Horizon 2020 and CIVITAS projects whose impact continues to be felt after they have concluded. As well as hearing about the knowledge and products that continue to be applied, attendees will discover how they are being utilised and by whom. In addition, the Smart Cities Lighthouse project GrowSmarter and the CIVITAS Innovation Action project ECCENTRIC will speak from the perspective of a project on the cusp of finishing and how it has gone about preparing itself for replication.

The session will open with an introductory presentation from the EU's Innovation and Networks Executive Agency (INEA). This will be followed by PechaKucha presentations from the Horizon 2020-funded projects. Following these insights, the audience has their chance to get involved: the panel will answer questions from both those in the room and those following on Twitter. The session will close with a summary on what has been learned from the moderator.

PARALLEL SESSIONS 3

SESSION 11: The key to successful mobility planning – Sustainable Urban Mobility Planning in practice

Thursday, 3 October, 11:30 – 13:00

Moderator: Siegfried Rupprecht, Rupprecht Consult



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- What did successful cities do to change how people travel and how did they do it? Tom Rye (Edinburgh Napier University, U.K.)
- Graz's Mobility Strategy 2020, Barbara Urban (City of Graz, Austria)
- Linking urban and rural areas through a SUMP – A case study from the City of Ambato, Ecuador, Maria Mercedes Rueda (Ambato, Ecuador)
- Experience of a small city with preparing a SUMP – Case study of Litoměřice, Hana Brůhová Foltýnová (City of Litoměřice, Czechia)

Session abstract and format: What is the generic answer to questions like “What did successful cities do to change how people travel and how did they do it”, proposed by Tom Rye from Edinburgh Napier University? This and other key questions concerning strategic and policy levels of city administration will find possible answers in this session through success stories related to sustainable mobility planning presented by three very diverse cities: a brand new mobility concept in a forerunner medium-sized city (Graz, Austria), an international example from Latin America on urban-rural linkages (Ambato, Ecuador) and a case study from a small city (Litoměřice, Czech Republic). The session will start with a presentation introducing inspiring examples of successful SUMP process in cities by Tom Rye. Thereafter participants will hear three power-point based presentations of ca. 10 min. each. Each presentation is followed by a 5 min. Q&A with the audience. The session will end with a 15-minute general discussion with all presenters on stage.

SESSION 12: Safe and efficient freight and service movements in the liveable city

Thursday, 3 October, 11:30 – 13:00

Moderator: Giacomo Lozzi, Polis Network

- Traffic optimized goods supply to the city – the Nordstan shopping centre as an example, Michelle Coldrey & Magnus Jäderberg (City of Gothenburg, Sweden)
- Urban Logistic Hub, Aglaée Degros (Technical University Graz, Austria)
- How cargo bikes are changing our cities – A Guide from the CityChangerCargoBike project, Susanne Wrighton (Austrian Mobility Research, Austria) & Holger Haubold (European Cyclists' Federation, Belgium)
- Sustainable Last Mile Logistics: using cargo bikes in urban groupage traffic, Patrick Mayregger (University of Wuppertal, Germany)

Session abstract and format: The objective of the session is to share good practices regarding two emerging trends in urban logistics: clean & alternative fleets, and space management & consolidation. Which case studies and activities are the most promising with respect to upscaling and transferability potential? Which actions at local (implementation) and EU (strategic) level are required to accelerate the deployment of solutions towards a clean, safe and efficient urban logistics? Join us and let's work together!

This session is composed of two parts: this first half will consist of short presentations from the speakers, and the second half will be a workshop with breakout sessions during which participants will be divided into 2-4 groups (depending on the number of participants) to discuss the two main topics of the session: (1) clean & alternative fleets for urban logistics, and (2) space management & consolidation.



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SESSION 13: Alternative Fuels: Pathways to the decarbonisation of transport

Thursday, 3 October, 11:30 – 13:00

Moderator: Thomas Willson, EUROCITIES

- The Clean Bus Deployment Initiative Platform, Aida Abdulah (UITP, Belgium) (tbc)
- Decarbonising transport fuels: the necessary policy changes at EU and national level, Laura Buffet (Transport & Environment, Belgium)
- Vision 2050 – A pathway for the evolution of the refining industry and liquid fuels, Giorgia Manno (Fuels Europe, Belgium)
- Hydrogen as a decarbonisation solution, Sabrine Skiker (Hydrogen Europe, Belgium)
- Launching a full used cooking oil-to-biodiesel supply chain – Lessons learnt from a real case study in Rethymno, Theocharis Tsoutsos (Technical University of Crete, Greece)

Session abstract and format: Following the publication of the Commission's 2050 Long-Term Strategy for Decarbonisation, pathways to decarbonise the transport sector must be assessed and implemented. Alternative fuels in liquid and gaseous form will play a fundamental role in scenarios to decarbonise. However, which fuels are viable for which use cases within the urban context? This session will examine the leading alternative fuels and assess their advantages, disadvantages, potential applications in the urban environment and challenges to their deployment. These fuels will include biofuels, hydrogen, natural gas (including biomethane), paraffinic fuels and synthetic fuels (electrofuels). In addition, the current EU policy context will be explored to assess whether the current framework is ambitious enough to deliver a rapidly decarbonising European transport sector.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 14a: Modal split as an important indicator in sustainable mobility – experiences from CIVITAS, the SUMI project and European cities

Thursday, 3 October, 11:30 – 12:15

Moderator: Dirk Engels, Transport & Mobility Leuven

Session abstract and format: The session will start with a short presentation of the modal split “guidelines” from the Sustainable Urban Mobility Indicators (SUMI) project and the CIVITAS evaluation framework. This will be followed by two European cities presenting their modal split experiences related to the definition, collection and usage of modal split data for monitoring and evaluation. The second part of the session will be a moderated discussion with the audience. Come and join us to experience and exchange on approaches to calculating your city's modal split.

SESSION 14b: Multimodal mobility points in the Baltic Sea Region – experiences from the Cities.multimodal project



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Thursday, 3 October, 12:15 – 13:00

Moderator: Kristina Gaučė, City of Vilnius

Session abstract and format: The Cities.multimodal (CMM) project is about introducing innovative methods related to multimodality through creating pilot projects, financing them, spreading the knowledge and expertise. Mobility points are one of these methods to improve multimodality and shift modal split towards more sustainable mobility means. Often municipalities start such projects for financing opportunities and planners choose locations based on the “no barriers” approach (e.g. unoccupied municipal land, no opposition from local community, etc.). However, regarding multimodal points, a few key questions should be answered first: Is a multimodal point necessary at all? Where is a multimodal point required? This 45 minute session targets those with limited experience in multimodality and seeking to gain reasonable arguments (to communicate them to politics and decision makers) for an effective start of planning multimodal points.

This session will take the format of a workshop, consisting of a mix of presentations and group work at tables. The workshop is led by Kristina Gaučė, mobility expert and external CMM project consultant for the City of Vilnius, and Esther Kreutz, the CMM project coordinator from the Union of Baltic Cities’ Secretariat of Sustainable Cities Commission.

Please note that the number of participants is restricted to 40 participants. Please arrive on time to secure your place!

SESSION 15: Living Labs – Methods and design for open innovation in sustainable urban mobility

Thursday, 3 October, 11:30 – 13:00

Moderator: Doris Wiederwald, AustriaTech

- Living Labs and Urban Mobility Labs – Support structures, methods and design for open innovation in sustainable urban mobility, Doris Wiederwald (AustriaTech, Austria)
- Seestadt (Lakecity) Design Game – Translating local urban features and mobility challenges in the Viennese Smart City development area Seestadt into a global context, Marlene Wagner (Aspern.mobil LAB, Austria)
- Developing innovative solutions for a modal shift in commuter traffic to sustainable modes of transport, Ursula Kopp (MobiLab OÖ, Austria)
- How to facilitate the feasibility of transport innovations – putting theory into practice, Moritz Kammerlander (Mobility Lab Graz, Austria)
- We build the shopping city of the future – logistics for consumers, Julia Nermuth (Thinkport Vienna, Austria)

Session abstract and format: The Austrian Urban Mobility Labs (UML) are real-world laboratories, which facilitate mobility innovation and transition. In this session, we want to transfer different open innovation methodologies that are applied by the UMLs with research and innovation projects on different urban scales, thematic foci (passenger and freight transport) and specific stages of the innovation cycle. Representatives of the CIVITAS neighbourhood projects will participate to stimulate exchange, as the living lab idea and its conceptual, methodological and thematic aspects resonate closely with their key approach.



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The workshop will start with an introductory presentation by Doris Wiederwald (see above), followed by small group roundtable discussions. Each UML will host one table each and provide insights into their approaches along challenges.

PARALLEL SESSIONS 4

SESSION 16: Start the Parking Revolution!

Thursday, 3 October, 14:30 – 16:00

Moderator: Laurens Vander Kuylen, Mobiel 21 (tbc)

- PARK4SUMP in a nutshell... and first advice on Parking and SUMPs, Patrick Auwerx (Mobiel 21, Belgium)
- Parking management: State of play in 16 EU cities – Lessons for your SUMP, Martina Hertel (Difu, Germany)
- VGBiziz, a new approach to respond to the demand for bicycle parking in Vitoria-Gasteiz, Isabel Garnika Ortiz (City of Vitoria Gasteiz, Spain)
- A structured process to make parking better, Robert Pressl (Austrian Mobility Research, Austria) (tbc)

Session abstract and format: Last year, parking finally arrived to Horizon 2020. PARK4SUMP aims to help cities integrate innovative parking management solutions into Sustainable Urban Mobility Plans (SUMPs) for a better mobility and quality of life. With PARK4SUMP, the first ever research and innovation project funded by the EU on parking took off. This session, chaired by PARK4SUMP, will bring first outputs from the project together with parking presentations from the open call for contributions.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 17: Cycling and walking: what does the future look like?

Thursday, 3 October, 14:30 – 16:00

Moderator: Juan Caballero, EUROCITIES

- Enabling safe walking and cycling – Lessons from the streets of ECCENTRIC cities, Paul Fenton (City of Stockholm, Sweden)
- Choosing the right cycling solutions in HANDSHAKE, Reggie Tricker (ICLEI Europe, Germany)
- How to promote walking in times of climate change, Petra Jens (City of Vienna, Austria)
- Walk&Feel: Measuring Walkability with (bio-)sensors? Ulrike Brocza (PRISMA solutions, Austria)
- A service to support climate-resilient bicycle traffic planning and design, Judith Köberl (Joanneum Research, Austria) and Thomas Rath (Bike Citizens, Austria)
- Bicycle infrastructure in La Paz for a more active and healthier city, Ramiro Burgos (City of La Paz, Bolivia)



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Session abstract and format: Looking at the past we can better understand our future. The most primitive and basic mode of transport, walking, has been underestimated during the last decades in the modal split. It is now time to put walking policies high on the agenda. In combination with cycling, active modes of transport can help local authorities not only to reduce gas emissions but also make urban spaces more attractive and liveable. Walking and cycling must be safe and look safe and fun to the public. The speakers in this session will put together their knowledge, common sense and the latest technology to imagine the future of cycling and walking. We will travel to different cities to get inspiration via interviews, games and participation from the audience.

SESSION 18: Transport for all: challenges, opportunities and new tools to improve mobility in rural and peri-urban areas

Thursday, 3 October, 14:30 – 16:00

Moderator: Laurie Pickup, Vectos

- Facing transport poverty in Florence's rural and peripheral areas: the INCLUSION project, Andrea Lorenzini (MemEX, Italy) and Erika Ferretti (Busitalia, Italy)
- Re-think Rural Mobility – building blocks for a new vision: the SMARTA project, Lucia Cristea (EIP, Romania)
- Innovative solutions and business models for mobility in rural and peri-urban areas: the HiReach approach, Stefano Borgato (TRT Trasporti e Territorio, Italy)
- Mobility and accessibility in rural areas: From copy-pasting urban innovation to genuinely rural approaches, Jakob Marcks (REM Consult, Germany)
- The Next Level of Mobility: The La Paz Cable Car Network – a case study, Ramiro Burgos (City of La Paz, Bolivia) & Reinhard Fitz (Doppelmayr, Austria)

Session abstract and format: The low provision of public transport services in suburban and rural areas often means a high level of car dependency and more difficulties in accessing goods and services located in urban centres. Vulnerable-to-exclusion travellers such as mobility impaired, elderly people, youngsters, low income, unemployed persons, migrants, can be automatically excluded from society if they do not have equal access to transport. Four EU-funded projects and a project from Latin America join forces to showcase results and outcomes in order to improve accessibility, inclusivity and equity for specific areas and communities.

The session will start with five consecutive power-point based presentations of ca. 10 min. each, followed by a 10 min. Q&A session. The second part of the session will be an interactive session on innovative solutions addressing accessibility of public transport in remote urban and rural areas, with a focus on real-life initiatives (best practices).

SESSION 19a: Experience the new SUMP self-assessment online tool

Thursday, 3 October, 14:30 – 15:15



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Moderator: Lasse Brand, Rupprecht Consult

Session abstract and format: Planners need easy-to-use instruments to identify the strengths and weaknesses of mobility planning in their city or region. They need to know if the path they follow is efficient and sustainable, and how to further improve their activities. The brand-new SUMP self-assessment, fully reshaped after several test phases with European cities, enables you to do this in less than one hour. In this session participants are invited to experience the new free online tool in an interactive way.

The session will start with a short introductory presentation of the tool by the moderator, followed by a group exercise during which participants fill in and discuss the tool. At the end of the workshop, each participant will have enhanced their understanding of their city's or region's strengths and weaknesses – including fresh ideas how to further improve and new contacts to fellow planners. Join us and assess your city's mobility planning.

SESSION 19b: Procurement and management of municipal fleets

Thursday, 3 October, 15:15 – 16:00

Moderator: Frederic Rudolph, Wuppertal Institute for Climate, Environment and Energy

- BuyZET: Guidelines on procuring zero emission delivery of goods and services in cities, Giacomo Lozzi (Polis Network, Belgium)
- Building small-medium local authorities' capacity to implement transport measures: focus on procurement and behavioural change, Olympia Papadopoulou (LEVER, Greece), Anastasia Founta and Ann-Marie Nienaber (Coventry University, U.K.)
- Driving electrification from within: municipal electric fleet open to all, Mariangelina Evliati (City of Stockholm, Sweden)

Session abstract and format: Municipalities and other public authorities spend huge amounts of money on financing the urban mobility system, and purchasing goods, services and works. Public procurement and innovative financing can create demand for sustainable transport and mobility solutions, and generate purchasing power to facilitate the uptake of clean fleets and deliveries by both the public and public sector. This session presents some ready-to-use, practical approaches to understand and improve the efficiency of the procurement and financing processes, as an effective way of increasing impact and reducing cost.

The session will open with an introductory presentation from the moderator who was in charge of the SUMP 2.0 Topic Guides on “Funding and financing options for Sustainable Urban Mobility” and “Public procurement of sustainable urban mobility measures”. This will be followed by PechaKucha presentations. The session will end with an audience Q&A with the presenters.

SESSION 20: Ready to change – MaaS readiness in practice

Thursday, 3 October, 14:30 – 16:00



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Moderator: Stella Aaltonen, City of Turku

Session abstract and format: During this session participants will take part in a game where they actively move themselves in a “game board” and learn about the following things:

- What can be done to speed up MaaS in the local context?
- Where is their own city/ organisation currently?
- What have others done?
- Examples and ideas from the city of Turku

PARALLEL SESSIONS 5

SESSION 21: Beyond boundaries: improving mobility across the wider urban area

Thursday, 3 October, 16:30 – 18:00

Moderator: Peter Staelens, EUROCITIES

- SUMP guidelines for metropolitan areas, Matilde Chinellato (EUROCITIES, Belgium)
- Tools and recommendations for better integration of Urban Nodes in the TEN-T network, Sjaak van der Werf, Kevin van der Linden (Rijkswaterstaat, The Netherlands) & Ricardo Poppeliers (Ecorys, The Netherlands)
- Low-carbon mobility planning for functional urban areas, Sarah Frimmel (Leipzig Transport Authority, Germany) (tbc)
- Harmonised spatial and multimodal transport planning tools, Francesc Rosinés (Enide, Spain)

Session abstract and format: The purpose of this session is to explore how cities can better plan, influence and optimise passenger and freight transport beyond their administrative borders. It will look at examples of cities that have developed successful planning approaches, cooperation mechanisms and innovative schemes that help to provide more sustainable transport options to passengers and freight traffic coming from outside of the city, and – in the case of cities that are located on the TEN-T network (‘urban nodes’) – to balance their function as international transport hub with local demands for better quality of life. The session will feature four EU projects: SUMPS-UP, VitalNodes, LOW-CARB and HARMONY.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 22: Sustainable Urban Mobility Planning for Road Vehicle Automation

Thursday, 3 October, 16:30 – 18:00

Moderator: Suzanne Hoadley, Polis Network (tbc)



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- How to address Road Vehicle Automation in SUMP processes? CoExist's Automation-Ready Framework and SUMP 2.0 Practitioner Briefing, Wolfgang Backhaus (Rupprecht Consult, Germany)
- Results from the Citizen Debates on autonomous mobility in Aachen and Austrian cities, Kristine Hess-Akens (City of Aachen, Germany) and Christian Steger-Vonmetz (AustriaTech, Austria)
- Mobility Movez test site for ITS and Connected and Automated Driving in Noord-Brabant, Tamara Goldsteen (City of Helmond, The Netherlands)
- Assessing the impact of Connected and Automated Driving on travel behaviour – CoExist's use cases in Stuttgart, Markus Friedrich (University of Stuttgart, Germany)

Session abstract and format: Although steps towards the deployment of connected and automated vehicles (CAVs) are progressing fast, the success of the transition towards CAVs will largely be determined by its effective consideration within the existing SUMP processes of a city. To ensure that the roll out of CAVs is in line with sustainable urban mobility goals, local authorities will have to play a key role and should take the lead with proactive planning approaches. This session will provide guidance and share experiences on the consideration of connected and automated driving (CAD) from a planning perspective, mapping key uncertainties and discussing guiding principles and steps on how to mitigate them. Furthermore, it will present lessons learned from the participatory Citizen Debates on autonomous mobility in Aachen and Austrian cities, highlight the importance of providing the conditions for innovation and development with the Mobility Movez test site initiative for ITS and CAD in Noord-Brabant, and reflect on the potential effects of CAD on travel behaviour through CoExist's use case in Stuttgart.

The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 23: Inclusive community engagement at the neighbourhood level – Genuine involvement of and benefits for children, ethnic minorities, older people, etc.

Thursday, 3 October, 16:30 – 18:00

Moderator: Karl-Heinz Posch, Austrian Mobility Research

- Urban Mobility Lab Aspern – Large scale participation beyond the usual suspects, Christoph Kirchberger (Aspern Mobil Lab)
- Engaging non-usual suspects – SUNRISE field experiences from Budapest-Zugló and further experiences from across SUNRISES's six action neighbourhoods, Noémi Szabó (Mobilissimus, Hungary) and Viktor Merker (Budapest district of Zugló, Hungary)
- Cities4People's experience with inclusive community engagement, Julie Jo Nygaard (Copenhagen Business School, Denmark) (tbc)
- METAMORPHOSIS: How a cycling-generation contributes too healthy, safe, and inclusive cities: How children become the centrepiece of research and policy-making, Nick van Apeldoorn (Breda University of Applied Sciences, The Netherlands)
- MUV: From a digital game to concrete mobility policies, Ingwio D'Hespeel (LUCA School of Arts, Belgium) (tbc)



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Session abstract and format: The on-the-ground reality of public participation is often far from the cookbook ideal due to practical complexities, time limits, participation fatigue etc. One of the most prominent challenges in participation processes is the active engagement of hard-to-reach groups such as children, ethnic minorities, older people, etc. The neighbourhood seems to be the right level to minimise this problem because of its structural characteristics like established communication channels, shared sense of identity, detailed knowledge with spatial contexts, easy reach of meeting venues, personal contacts, etc. In this session, various neighbourhood level projects and initiatives will share their experience about how they addressed this challenge – and with what success. The session will feature a set of power-point based presentations and some time for Q&A at the end.

SESSION 24: How smart and sustainable mobility can make tourism more attractive?

Thursday, 3 October, 16:30 – 18:00

Moderator: Claudio Mantero, Horários do Funchal, Transportes Públicos SA & CIVITAS DESTINATIONS

- Introduction: Tourism and cities mobility, what is the relation? – Lessons learned from the DESTINATIONS project, Panos Coroyannakis (Conference of Peripheral Maritime Regions, Belgium)
- How tourism is affecting cities mobilities? Monitoring of air quality in tourism destinations. Experience from Rethymno and Madeira, Stavroula Tournaki (Technical University of Crete, Greece) and Miguel Ribeiro (ARDITI, Portugal)
- Touristic aspects of public transport communication – attracting or chasing users? András Ekés (Mobilissimus, Hungary)
- Designing sharing mobility services complementary to public transport in alpine towns, Roberto Cavaliere (NOI Techpark Südtirol/ Alto Adige, Italy)

Session abstract and format: City tax? Why? We all know that tourism creates opportunities and income for countries, so why a special tax is included in the visitor's hotel bill? The negative side of tourism is the explanation. Tourists need to move around the city to visit places and renting a car or booking a private shuttle tour often are an easy solution. But these popular options are contributing to cities' pollution and congestion. This session will analyse how an integrated transport system could reduce the negative impact of tourism and make touristic cities more appealing to visitors. Speakers will present already running programmes that are tackling some of the mobility challenges faced by touristic cities and will explore how a data collection system is key for improving strategy and planning for sustainable mobility.

The session will feature a set of power-point based presentations (60 min.), followed by a 30 min. discussion involving the audience.

SESSION 25: New Mobility Services and disruptive technologies: Policy questions for the next decade

Thursday, 3 October, 16:30 – 18:00

Moderator: Karen Vancluysen, Polis Network



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Co-organisers: Javier Burrieza, Rita Rodríguez, Ricardo Herranz and Oliva García-Cantú (Nommon, Spain)

Session abstract and format: This open session will focus on policies related to the emergence of new mobility services and disruptive technologies, such as carsharing, bikesharing, e-scootersharing, ridehailing, MaaS, CAVs, etc. Cities will be consulted on different aspects regarding the challenges they are facing due to the introduction of these new mobility options and governance frameworks that are being developed to regulate new mobility services. Conditions for the successful implementation and use of such transport schemes will also be discussed.

The session will consist of three parts, 30 min. each. The topics that can be discussed during the different sessions are as follows:

- PART 1: Current situation: Challenges and opportunities created by new mobility services
 - What are the main transport-related challenges that cities are facing?
 - Which are the new mobility systems and disruptive technologies operating in your city?
 - Have any challenges or problems occurred due to the introduction of these new solutions?
 - Which behavioural changes are taking place regarding urban mobility?
- PART 2: Regulatory frameworks regarding new mobility options
 - Do the cities have a regulatory framework in place to govern privately operated mobility services?
 - Are cities collecting data in relation to the new mobility services operating in their area?
 - Are cities using transport models or simulation software to support urban mobility planning?
 - Are cities considering new forms of mobility as part of their SUMPS?
- PART 3: Future scenarios: conditions for the successful implementation of new mobility services
 - Which are the conditions for a successful implementation of new mobility services?
 - Which undesired effects require mitigation and regulation?

An interactive and creative session format will help to collect ideas/ thoughts regarding desirable future scenarios. Input will be provided by the following speakers:

- Tiit Laiksoo (City of Tallinn, Estonia)
- Nadhéra Beletreche (City Hall of Paris, France)
- Marco Amadori (Public Transport Authority of the Metropolitan Area of Bologna, Italy)
- László Sándor Kerényi (BKK Centre for Budapest Transport, Hungary)
- Iain MacBeth (Transport for London, U.K.)
- Irma Lissberg (Regio Twente, The Netherlands)
- Stella Aaltonen (City of Turku, Finland)
- Martin Lefrancq (Mobility Minister & Brussels Mobility, Belgium)
- Barry Colleary (Dublin National Transport Authority, Ireland)



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- Inês Henriques (City of Lisbon, Portugal)

PARALLEL SESSIONS 6

SESSION 26: The future of the EC's urban mobility policy and EC funding and financing streams

Friday, 4 October, 9:30 – 11:00

Moderator: Herald Ruijters, DG MOVE, European Commission

- PART 1: Policies
 - The evaluation of the Urban Mobility Package and the Transport White Paper processes, Piotr Rapacz (DG MOVE, European Commission)
 - The climate neutral and smart cities mission, Jean-Francois Aguinaga (DG RTD, European Commission)
 - The Partnership for Urban Mobility, Jiří Vlček (Ministry of Regional Development, Czechia)
 - STRIA Roadmap on Smart Mobility Systems and Services: Future Mobility for European Cities, Fred Dotter (Mobiel 21, Belgium)
- PART 2: Funding & financing
 - Connecting Europe Facility and CEF2, N.N. (DG MOVE, European Commission)
 - European Investment Bank (EIB) and ELENA, Per Als (European Investment Bank) (tbc)
 - European Regional Development Fund (ERDF) and cohesion funds, Vincent Leiner (DG REGIO, European Commission)
 - Urban mobility opportunities in Horizon 2020, N.N. (INEA)

Session abstract and format: This session, chaired by the European Commission, is structured into two parts. The first part of the session addresses ongoing and future urban mobility policy initiatives of the EC. During the second part of the session different EC funding and financing programmes for sustainable urban mobility projects will be presented.

The session will feature a set of power-point based presentations and some time for Q&A after each presentation.

SESSION 27: Urban air mobility

Friday, 4 October, 9:30 – 11:00

Moderator: Wolfgang Backhaus, Rupprecht Consult

- An introduction to Urban Air Mobility, Vassilis Agouridas (Airbus)

Further speakers for this session will be included in a forthcoming version of the draft programme.

Session abstract and format: Enabling efficient and effective mobility in urban areas is a key challenge. One approach is bringing a third dimension into urban mobility – the airspace (flying vehicles). This session is put together by the European Innovation Partnership for Smart



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Cities Action Cluster (EIP SCC) on Urban Air Mobility (UAM), which is a multi-stakeholder approach bringing together relevant communities to jointly work around city demonstration projects on accelerating UAM market uptake, increasing public acceptance, and sharing innovative ideas. From this perspective, it is expected that the UAM Initiative will enable the development of strong interfaces between, at least, the city/ region, drone, transport and urban planning communities that will fuel the definition of a deployment strategy and roadmap for the next generation urban mobility featuring the air dimension. To this end, the session shall also serve as a discussion forum how to integrate UAM or the third dimension respectively into the SUMP process. Following an introduction to Urban Air Mobility by Vassilis Agouridas (Airbus), further presentations from European cities will address the following issues: (1) regulation, (2) planning, (3) funding & financing, and (4) public embracement.

The session will feature a set of power-point based presentations, followed by a joint discussion with the audience about needs, recommendations and impacts of urban air mobility.

SESSION 28: Socio-demographic challenges, diversity and gender – Free market solutions versus political interventions

Friday, 4 October, 9:30 – 11:00

Moderator: André Woodcock, Coventry University

- Ensuring adequate transport services for the underserved – Free market solutions versus political interventions, Ralf Brand (Rupprecht Consult, Germany)
- Introducing the Transport Innovation and Gender Observatory, André Woodcock (Coventry University, U.K.)
- Women in transport: policies and practice for inclusive mobility planning, Chiara Leva (Technical University Dublin, Ireland) (tbc)
- Identification of new mobility options for vulnerable groups, Vivian Kioussi (Intrasoft, Luxembourg)
- Policy implications of a holistic understanding of the Value of Travel Time: Demographic data from the MoTiV Project, James Armstrong (European Cyclists' Federation, Belgium)

Session abstract and format: Our transport system is designed around speed and efficiency for assumed “normal” users: able bodied, white, male, in the 30-50 age bracket, native language speaker, etc. However, hundreds of millions of people are not “normal” (in such a simplistic sense). They experience various mobility limitations or exclusion from job opportunities due to physical barriers, safety concerns, lack of information, language skills, their location, financial constraints, etc. The free market tends to be good at providing opportunities for average users – but can it also serve other, maybe more complex needs – possibly thanks to new technological developments and business models? Or are there certain situations where there is no alternative to political intervention in order to ensure equal opportunities for everyone? Various EU projects such as INCLUSION, HiReach, TInnGo or DIAMOND explore related questions and present their approach and findings. MoTiV also questions the prevailing speed and efficiency paradigm fundamentally and empirically.

The session will feature a set of power-point based presentations and some time for Q&A at the end.



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SESSION 29: Bicycles and ITS: Making Cycling Smarter

Friday, 4 October, 9:30 – 11:00

Moderator: Robin Kleine, Province of Overijssel

Session abstract and format: Cities across the world face huge challenges in terms of sustainability, accessibility, health, social inclusion and liveability. Stimulating cycling has shown to be one of the most effective measures to address these challenges. However, cycling data is highly needed to make effective strategies and to substantiate investments. Introducing ITS (intelligent transport systems) does not only give a whole new range of opportunities to stimulate cycling, it also generates the highly desired cycling data. In this session, we will show how ITS in cycling can make cycling more attractive and deliver the cycling data that policy makers need, both in cities that already have a high uptake of cycling and in cities that have not. The format of the session will allow participants to provide inputs to speakers and test some of the already running platforms, created for smart cycling in cities.

The session will start with an introductory presentation on ITS in cycling and why it is needed by the moderator, followed by a 1-hour World Café with participants choosing one of the following groups:

- Group 1: Smart infrastructure, led by Robin Kleine, Province of Overijssel
- Group 2: Smart apps: Bikecitizens in Graz, led by Wolfgang Feigl (Region of Steiermark, Austria) and Adi Hirzer (Bike Citizens, Austria)
- Group 3: Smart bikes: Nextbike, led by Mareike Rauchhaus (Nextbike, Germany)

The session will end with a joint discussion and wrap up.

SESSION 30: Mobility solutions for 21st century cities

Friday, 4 October, 9:30 – 11:00

Moderator: Peter Staelens, EUROCITIES

- [title], Carlo van de Weijer (Eindhoven University of Technology, The Netherlands) (tbc)
- [title], Bernadette Bergsma (EIT Urban Mobility, Spain)
- The large-scale deployment of new mobility services for better cities and quality of life for citizens, Edwin Mermans (Province of Noord-Brabant, The Netherlands)

Session abstract and format: This session will provide an overview of the European Institute of Innovation and Technology's Innovation Community on smart, green and integrated transport (EIT Urban Mobility) and the European Innovation Partnership on Smart Cities and Communities' (EIP SCC) action cluster projects on new mobility services as well as Smart City Lighthouse projects. More details on the session will follow in a forthcoming version of the draft programme.

EXHIBITORS

Hosts	CIVITAS projects	SUMP projects	Horizon 2020 projects	Interreg projects	Other EC-funded projects	Commercial companies
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No.	Exhibitor	Description
1	European Commission/ Innovation and Networks Executive Agency (INEA)/ CIVITAS Initiative	
2	Austrian Ministry for Transport, Innovation and Technology (BMVIT), the Austria Research Promotion Agency (FFG) and AustriaTech	
3	City of Graz	
4	CIVITAS success stories exhibitions	
5	CIVITAS DESTINATIONS	
6	CIVITAS ECCENTRIC	
7	CIVITAS PORTIS	
8	City Changer Cargo Bike	
9	HANDSHAKE	
10	GreenCharge	
11	Cities-4-People	

12	VitalNodes	
13	CIVINET Greece-Cyprus	
14	CIVITAS SUMPs-Up	
15	SUITS	
16	GO SUMP	
17	HiReach/ INCLUSION/ STARS/ MoTiV	
18	My-TRAC	
19	CoEXist	
20	BITS	
21	ASTUS/ SaMBA	
22	LOW-CARB	
23	cities.multimodal/ BSRelectric/ SUMBA	
24	Interreg projects – Interreg makes a difference	
25	TROLLEY 2.0	
26	SUMI	



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27	Urban Innovation Actions' urban mobility projects	
28	PTV Austria GmbH	
29	Nextbike	
30	AirVeraCity	
31	Miovision	
32	Stand of sponsors	



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SITE VISITS

“Explain to me, and I forget. Show me and I remember. Let me do it, and I will understand.” (Confucius)

Join the site visits to explore and understand innovative mobility projects in Graz and its surroundings.

The site visits on both days will depart from the conference venue “Congress Graz”. The meeting point for all site visits is outside the main entrance (or in the foyer in case it rains). You are encouraged to arrive on time as each site visit can have a maximum number of 20 participants. Participation will be on a first come, first serve basis. Each site visit guide will have a pole with a sign displaying the name of the site visit. Go there and get your sticker for the respective site visit you would like to take part in. Once all stickers are gone, no further participants can be accepted.

Site visit A: Mobility in the historic city centre of Graz – a city for cars or more space for people?

As in many European cities, the mobility policy in Graz concentrated on cars for a long time. The negative consequences of this planning – accidents, noise and pollution being just a few – led to a rethinking process. In the late 1980s, political decision makers started to prioritise walking, cycling and public transport. This change was made easier by the historic structure of the city, with its many narrow alleys, medieval buildings and large public squares. The main goal was to maintain and improve the quality of life. With the help of many CIVITAS-funded activities, Graz has developed into a hotbed for innovative sustainable mobility measures. This site visit will show how Graz’s model of success, whilst also revealing its current mobility challenges.

Site visit B: Smart City Graz – a city of short trips

The smart city development area in the west of Graz is characterised by urban mixed-use developments; this has helped create attractive and diverse districts. In mobility terms, the aim is to encourage people to use sustainable modes for short, everyday trips. Mobility contracts between the City of Graz and private investors ensure that public spaces serve as ideal places for people to spend time and that they foster a variety of sustainable mobility measures. Since development started, a district manager has served as an information, contact, participation and networking point. Within a demo building, the green.LAB researches how greening technologies can be integrated into modular wooden buildings. The green.LAB itself offers an extensive event and workshop programme on green infrastructure for representatives of the construction and property industry, planners and interested citizens. This site visit takes you from the dusty ground of a live development site up to green and breezy heights.



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Site visit C: Innovative mobility solutions for an historic city

Mobility innovation using existing technologies and enhancing well-known services has always been key in Graz's traffic management strategy. Often, pilot installations and frontline research are being undertaken right in front of your very eyes, but still go unnoticed. This site visit will let you experience first-hand the future services and innovative solutions that are hidden within Graz's historic centre.

Site visit D: Pilot Project "GrazLog": A walkshop on sustainable urban logistics

Graz faces the dilemma of ensuring a working freight and delivery transport system for businesses in its city centre in the face of e-commerce's increasing influence and strong competition from shopping centres. At the same time, Graz wants to move towards sustainable urban logistics, which reduces the negative impact of delivery traffic, such as noise and air pollution and damage to roads. The pilot project "GrazLog" aims to meet all both these needs with the help of an urban logistics hub and environmentally friendly vehicles. This walkshop introduces the "GrazLog" pilot project and puts you in the position of project coordinators – this is a chance to bring in your ideas and co-create new solutions!

Site visit E: Research and education in aerospace for a better mobility

The FH Joanneum in Graz offers a multitude of degree programmes as a University of Applied Sciences. Besides offering one bachelor and two master degree programmes, the Aviation Institute is also involved in numerous research activities addressing a broad range of technical aspects of aeronautics, as well as the wider topic of mobility. This site visit introduces you to selected examples of such research in their laboratory.

Site visit F: tim goes REGIOtim – Urban and peripheral examples of multi modal hubs in contrast

"tim" stands for "täglich.intelligent.mobil" and has become a synonym for clean, urban mobility in Graz. A "tim" hub is a multimodal mobility hub that is easily accessible by public transport, cycling and on foot. The aim of these is to improve the accessibility of urban and sub-regional centres without having to own a private car. In 2016, the first "tim" hub was installed in Graz. As part of the Interreg Central Europe project "Peripheral Access", the first "tim"-hub will be installed on the periphery of Graz in autumn 2019. This site visit introduces you to a multimodal success story.

Note: This site visit is only offered on 4 October. Also, this site visit will last three hours, from 14:00 to 17:00.