

POLIS ACTIVITY REPORT 2022



NOVEMBER 2022

POLIS
CITIES AND REGIONS FOR TRANSPORT INNOVATION

Photo: Philippe Crist

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1. Introduction

POLIS is the network of European cities and regions working together to deploy innovative solutions for a more sustainable mobility. POLIS fosters cooperation and partnerships across Europe and with the EU, to make transport research and innovation more accessible to cities and regions. In POLIS, decision makers are also provided with the necessary information and tools for making sustainable mobility policies a reality.

This Activity Report provides an overview of the various activities organised by POLIS in 2022

POLIS' mission is to:

- facilitate **peer-to-peer exchange** between cities and regions, as well as with stakeholders from the private sector on urban transport policy and innovation;
- help members gain access to **European** initiatives, projects, **funding** and **research**;
- be the **transport voice** of cities and regions towards the European Institutions and engage in global debates with the sector on topical issues.

In addition, POLIS focuses its activities on **five main thematic areas**, the so-called **POLIS pillars**:



Environment
& Health



Traffic
Efficiency



Access



Road Safety
& Security



Governance
& Integration

This POLIS Activity Report provides an overview of the various activities organised by POLIS in 2022, in line with the threefold mission mentioned above and across the different thematic pillars addressed.

2. Thematic Pillars

2.1. Environment & Health

This pillar looks at understanding and addressing the impact that urban and regional transport have on the environment and on health. This includes air and noise pollution, cleaner vehicles, electromobility and alternative fuels, climate change, walking and cycling, and the design of urban space for active travel.



The Environment & Health pillar covers activities related to:

- health impacts of transport, health benefits of active travel;
- healthy streets design for active travel;
- travel behaviour change;
- urban planning for cycling and walking;
- tackling air and noise pollution arising from transport;
- cleaner vehicles & alternative fuels, electromobility;
- the link between transport and energy;
- climate change.

The Working Groups under this pillar are:

- **Active Travel & Health Working Group**, chaired by Ádám Bodor from BKK Centre for Budapest Transport (HU);
- **Clean Vehicles & Air Quality Working Group**, co-chaired by Jillian van de Gaag from the city of Amsterdam (NL) and Roel Vaneerdeweg from the Flanders region (BE).

Coordinator Active Travel and Health:

Andréia Lopes Azevedo, alopes@polisnetwork.eu

Coordinator Clean Vehicles and Air Quality:

Pedro Gomes, pgomes@polisnetwork.eu

The Environment & Health pillar now also includes a newly established Task Force, i.e. the **Climate-Neutral Cities Mission Taskforce**.

Coordinator Climate-Neutral Cities Mission Taskforce:

Marko Stančec, mstancec@polisnetwork.eu

2.1.1. Active Travel & Health Working Group

Topics Addressed

In line with the priority topics identified at the 2021 AGA, the topics addressed throughout 2022 were the following:

- the 15-minute city concept,
- street space (re)allocation for active modes,
- infrastructure for active mobility,
- spatial interventions,
- safety for walking and cycling,
- improving walking and cycling.

Working Group Meetings & Events

Working Group Meeting '15-minute city beyond the concept': From design to implementation, 25 March - online

The meeting explored the 15-minute city beyond the concept and the specific time span, focusing on cities of proximity, which can take many shapes. Presenters from POLIS members **Milan**, **Glasgow**, **Barcelona** and **Stockholm** shared insights and expertise on they are implementing the concept, and which challenges and solutions they encounter. The JPI Europe **Driving Urban Transitions** partnership of Horizon Europe presented its 15-Minute City Transition Pathway and related opportunities for cities, while **Urban Radar** explained it supporting solutions offered by open data platforms. Ádám Bodor chaired the meeting.



Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-active-travel-incl-bike-share/news/15-minute-city-concept-design>

Joint Safety & Security Working Group Meeting “Fixing the fundamentals: Reducing single crashes and speed limits”, 17 May – online

Organised jointly with the **Safety and Security Working Group**, this 2-session meeting allowed for an open discussion on single crashes when walking and cycling, and reducing speed limits. Both sessions touched upon key aspects such as single pedestrian crashes, weather challenges for walking and cycling infrastructure, speed reduction challenges and behavioural changes. The meeting included both academic and practice-oriented interventions from Road Safety Institute SWOV and Rijkswaterstaat, Chalmers Industriteknik, Transport Research Centre Verne from Tampere University, the International Federation of Pedestrians, So-Mo, and POLIS members **Stockholm, Paris, Brussels, London** and **Bilbao**.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-safety-security/news/safety-security-working-group-goes-back>



Joint Active Travel and Parking Working Group meeting “Pedal Power meets Parking: Smart solutions for bicycle parking”, 14 November – online

Organised jointly with the Parking Working Group, this meeting examined the relevance of adequate parking infrastructure in supporting the uptake of cycling. Presenters from Lille, Brugge, Utrecht, TOI Institute of Transport Economics and HAVN presented how data, technologies and new infrastructures could allow better parking for cycling.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-active-travel-incl-bike-share/news/active-travel-and-parking-joint>

Active Travel and Parking joint meeting: When pedal power meets parking



Working Group Meeting “On the same side- walking and cycling conquering territory”, 29 November, Brussels

As a side event to the AGA and POLIS Conference, the active travel & health WG will meet in person in Brussels to explore the interactions between cyclists and pedestrians and how they must work together and join forces, rather than compete for space. We can no longer see pedestrian and cycle infrastructure as a zero-sum game, after all, they both have a common goal: more space for active mobility. The meeting will share members’ experiences and insights on design, safety, behaviour, space allocation and more.



Further information: <https://polisnetwork.civigo.net/civicrm/event/info?id=269&reset=1>

Policy, Promotion & Partnerships

- **Velo-City 2022**, 14-17 June, Ljubljana:
 - Parallel session “Placemaking: Connecting people and places”. Presentation: “Spatial Interventions to Regulate Vehicle Access in urban areas across Europe” (Andréia)
 - Moderation of plenary session on local and national cycling strategies (Karen)
 - Participation as panellist in plenary session on innovation (Karen)
- **INTERREG Policy Learning Platform**, 28 June, Thessaloniki:
 - Workshop “Behaviour change and participatory processes for sustainable mobility”; Presentation: “Participatory planning for mobility policies” (Andréia)
- **THEPEP**
 - Participation in the THE PEP Partnership for Active Mobility meeting Walking in Paris – 25 & 26 April
 - Participation in the THE PEP Partnership for Active Mobility meeting Cycling in Ljubljana before the Velo-city – 13 June
- **Transport Decarbonisation Alliance Community of Interest in Active Travel:** Input to and promotion of the Call to Support Active Mobility Capacity-Building.

- **JPI Europe's Driving Urban Transitions:**

- Ongoing collaboration on 15-minute city topic (events and content)
- AGORA Dialogue 15-Minute Cities - levers for impact, 31 May, Helsingborg

Projects

EUROPEANMOBILITYWEEK: This year's European Mobility Week focused on the theme of 'better connections', which reflects the return of society to a post-COVID-19 normalcy. The theme highlighted the opportunities for citizens, public transport users and stakeholders to meet and make new connections. POLIS remained in charge of the drafting the "**Thematic Guidelines**" which provide background information, facts and figures on the annual theme. This year, 2988 towns and cities in 51 countries participated in EUROPEANMOBILITYWEEK. POLIS is also in charge of the **MOBILITYACTIONS**, i.e., mobility-related activities organised by a wide range of stakeholders such as companies, cities and schools, in the framework of the week of activities and throughout the year. A record number of 1448 **MOBILITYACTIONS** were submitted in 2022, an increase from 1116 in 2021. Participation in the initiative has steadily increased over the years. After the celebrations of the 20th anniversary of EUROPEANMOBILITYWEEK last year, the 21st year saw changes in the three awards of the campaign. Indeed, a mutual decision between the European Commission and the European Secretariat was reached to change the award structure, which was previously focused on SUMP, Road Safety and the Mobility Week award. The Mobility Week award remained within the framework of EUROPEANMOBILITYWEEK. The Road Safety Award was shifted to another EC safety-related initiative. The SUMP award saw its last edition due to the fact that many urban nodes in the TEN-T network are required to publish a SUMP, so this should become common practice. From this autumn onwards, the SUMP award was exchanged with the



MOBILITYACTION Award, which promotes the concept of mobility management plans of non-city actors and remains in the hands of POLIS. POLIS was the lead in drafting the guidelines (Call for Applications), in alignment with the European Commission and Secretariat, and in coordinating updates to the EUROPEAN**MOBILITYWEEK** website and **MOBILITYACTION** platform to support the process. The award was successfully launched, and participation was notable, especially for the first year, with 44 applications. The applications will be reviewed for completeness and eligibility by POLIS before being reviewed by the jury, which was also arranged by POLIS, with the approval of the European Commission. The winner will be revealed in Spring 2023 at the annual award ceremony. For a summary of the last SUMP Award, see the Governance chapter.

Further information: www.mobilityweek.eu

2.1.2. Clean Vehicles & Air Quality Working Group

2022 was a busy year for the Clean Vehicles and Air Quality Working Group given important developments in these policy fields. The following 2022 priorities were agreed on during the AGA 2022:

- **proposed Euro 7/VII standard:** Creation of a progressive coalition, with cities and regions like Flanders, Amsterdam, Brussels, Paris and Berlin, to discuss next steps and propose advocacy actions, in cooperation with EURO CITIES and other organisations like T&E, BEUC and EPHA;
- implementation of the **Clean Vehicles Directive** and its reporting under the new EAFO Portal;
- revisions/adoptions of relevant policies on **electromobility** (AFIR, Energy Performance of Buildings Directive);
- user-friendly, interoperable, transparent **pricing** of infrastructure (linked to eCharge4Drivers project);

- **smart charging** and local renewable energy production coupled with intelligent energy management systems (linked to CleanMobilEnergy project);
- regulations on **data governance** that impact charging infrastructure, in cooperation with Traffic Efficiency WG;
- **Sustainable Transport Forum subgroup on Public Authorities/EAFO** - Permitting and grid connection best practices, update of the SUMP guide on electrification, guidelines on accessibility of the recharging infrastructure;
- exploratory discussions on other topics and formats: non-road machinery construction (in cooperation with UF WG), hydrogen.

Working Group meetings & events

Working Group meeting on Air Quality “Smart solutions for electromobility”, 27 September – Brussels, hybrid

This meeting was an opportunity to hear about new and innovative projects, as well as be updated on current European policies and upcoming actions:

- an update from the European Commission on the **EU policy framework on e-mobility**, examining the ambitious targets set under the “Fit for 55” package and REPowerEU initiatives;
- **CleanMobilEnergy Project** (CME), which sees the implementation of an innovative energy management system (iEMS), called REMove, to reduce urban GHG, combining renewable energy sources, energy storage and the charging of electric vehicles (EVs);
- **SCALE project**, which aims at preparing EU cities for the mass deployment of EVs and the accompanying smart charging infrastructure, including vehicle-to-grid (V2G);
- relevant information for POLIS members on what lies ahead, including the POLIS Conference 2022, the upcoming POLIS Climate-Neutral Cities Taskforce, the current developments

Air Quality & Clean Vehicles Working Group meets in Brussels

27.09.2022 - 15:18 Working Group on clean vehicles and air quality & cleanmobility@polis-eu



On 27 September the POLIS Air Quality & Clean Vehicles Working Group met to discuss smart solutions for electromobility. It was an opportunity to hear about new and innovative projects as well as updates on current European policy and upcoming action.

on the Sustainable Transport Forum, EU policy initiatives and funding opportunities.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-clean-vehicles-and-air-quality/news/air-quality-clean-vehicles-working>

Policy, Promotion & Partnerships

Sustainable Transport Forum

POLIS has continued its active involvement in the EC's **Sustainable Transport Forum (STF)**, which serves as a platform for structural dialogue, exchange of technical knowledge, cooperation and coordination between EU Member States and relevant public and private stakeholders, to support the Commission in the implementation of the Alternative Fuels Infrastructure Regulation (AFIR). This year, POLIS, supported the EC (DG MOVE) in its capacity as STF member and through its involvement in the European Alternative Fuels Observatory (see below). Out of the 20 local and regional authorities that have been selected for the **STF sub-group for public authorities**, 9 are POLIS members. During 2022, this group convened twice in an online format to discuss the main bottlenecks in permitting and grid connection procedures, as well as emerging challenges for alternative fuels deployment, in particular the accessibility of recharging infrastructure, and the update of the guidelines on how to integrate e-mobility in SUMPS. POLIS is currently finishing a report with good practices and a set of recommendations for permit and grid connection procedures at the local level, to be published by the end of 2022 . POLIS is also responsible for coordinating two new taskforces to provide insights and guidelines on accessibility of electric recharging infrastructure, and on the revision of SUMP electrification Guide.

Further information:

https://transport.ec.europa.eu/transport-themes/clean-transport-urban-transport/sustainable-transport-forum-stf_en

Development of an upcoming Euro 7/VII standard

- On 26 April, POLIS together with EUROCITIES, sent a joint letter to the European Commission expressing concern about the upcoming EURO 7/VII standard, urging for more ambitious, straightforward, and effective action.
- On 17 June, POLIS and 40 other organisations representing cities and civil society, penned a letter urging the European Commission to adopt a more ambitious EURO 7 standard. This message was subscribed by POLIS, NGOs, and cities including POLIS members Paris, London and Brussels.
- On 10 November, POLIS and EUROCITIES wrote a letter to the European Commission expressing their serious concerns about the draft Euro 7/VII pollutant emission standards for cars, vans, buses, and trucks, adopted on that day by the European Commission, and its interplay with the revision of the Ambient Air Quality Directive. The letter states that the proposed provisions are not ambitious enough, and not a clear improvement over Euro 6 for tailpipe emissions from cars, especially petrol ones. It calls upon the EC to make sure that the final Euro 7 regulation is ambitious enough to support cities and regions' commitment to improving our urban air quality.

Further information:

<https://www.polisnetwork.eu/wp-content/uploads/2022/05/Letter-EURO-7-POLIS-EUROCITIES.pdf>
https://www.polisnetwork.eu/wp-content/uploads/2022/06/20220615_Euro7_letter_final.pdf
<https://www.polisnetwork.eu/news/euro-7-proposal-positive-steps-with-much-room-for-improvement/>

Horizon Europe 2Zero public-private partnership

The 2Zero partnership, together with the EC, defines the **green vehicles work programmes under Horizon Europe**. POLIS is an associate member representing its members as well as sharing the outcomes of the discussions taking place within the



partnership. During 2022, POLIS attended the 2ZERO General Assemblies on 29 April and 15 November, and continued its active contribution to the development of the **Strategic Research and Innovation Agenda** based on which the Horizon Europe work programme 2023-2024 and its priorities were defined.

Further information: 2Zero: <https://www.2zeroemission.eu/>

Platform for Electromobility

The **Platform for Electromobility** drives the development, implementation and support for EU policies, programmes and initiatives to move people and goods by electromobility. In 2022, POLIS actively supported the following working groups of the Platform: 'Infrastructure', 'Green Deal', 'Logistics' and 'Fleet Electrification'. 2022 was very intense, with the production of several position papers to which POLIS contributed:



- The 10 points for success of the new **Alternative Fuels Infrastructure Regulation** (AFIR), February 2022
- Reaction Paper to the new Article 12 "Infrastructure for sustainable mobility" of the Revision of the **Energy Performance of Buildings Directive** (2010/31/EU, EPBD), May 2022
- Position Paper of the Platform on the revision of the **HDV CO2 emission standards**, July 2022
- Ensuring **Fair Taxation** for EV Owners Providing Flexibility to the Grid, October 2022
- Recommendations for an **e-mobility friendly Taxonomy**, October 2022

POLIS also attended three plenary sessions and various working group meetings.

Further information: www.platformelectromobility.eu

Other initiatives

- POLIS, together with EUROCITIES and CEMR/CCRE, produced a joint letter calling for the EU to acknowledge that local and regional public authorities need to be on board for the deployment of alternative fuel infrastructures, as part of the regulation on the deployment of **Alternative Fuel Infrastructures ('AFIR')**. This advocacy effort was successful, as the European Parliament TRAN Committee acknowledged cities and region's role in the uptake of e-mobility and the implementation of AFIR.

Further information:

<https://www.polisnetwork.eu/news/alternative-fuels-regulation-bring-local-regional-actors-on-board/>

- POLIS was invited to a Panel discussion with AMPECO and the Platform for Electromobility called "Government Policies and Regulations Promoting E-Mobility" at CWIEME Berlin, 10 May
- POLIS was invited to be a speaker at ERRIN's Transport Working Group online meeting on AFIR, on 9 June 2022, with the presentation "AFIR and the role of Public Authorities"
- POLIS was invited to be a speaker at UNECE's "Inter-regional Workshop on Electrification of Mobility - Challenges and opportunities for transport, energy and spatial planning", in Geneva, 5 September 2022. This was an opportunity to bring the point of view of Cities and Regions to these high-level discussions.



Projects

APOLLO-EU: The objective of this DG MOVE tender led by UITP is to **boost clean bus deployment** across Europe as an alternative to cars. After a halt caused by the corona crisis, the activities of Apollo caught up with the organisation of two study tours: the first one kicked off with visits to host cities and POLIS members Eindhoven and Amsterdam in August, which included four technical visits to Amsterdam Schiphol Airport, the e-bus



depot in Haarlem, the Hermes depot in Eindhoven, and the VDL ETS Charging Test Centre. The second study tour, in October, was a two-day event hosted by another POLIS Member, Madrid, including a joint seminar with the JIVE project, technical visits to the EMT bus depots, and the first CBEP Industry Marketplace. Various cities joined or reconfirmed their interest in participating in the project as target cities. During the last trimester of 2022, POLIS is liaising with the target cities from the Netherlands, Belgium and Germany, to follow-up on the “Financiers and Industry Marketplaces” and provide support in their efforts to procure and set up clean buses and required infrastructure.

Further information: <https://cleanbusplatform.eu/>

ASSURED aimed to boost the integration of urban **commercial electric vehicles** with high power **fast-charging infrastructure** across Europe. Members involved were Barcelona, Transport for London, Gothenburg, Madrid, Eindhoven, Bilbao, Transport for Greater Manchester, Budapest, Leuven, and NPRA. POLIS represented the voice of local authorities, focusing on assessing their strategies and needs for e-vehicles uptake, and making the consortium aware of the **city perspective**. POLIS involved local authorities and other relevant stakeholders through the Urban Freight User Group. Together with UITP and Rupprecht Consult, it prepared “Guidelines on fleet upscale with electric buses”, with a focus on the integration of freight transport and SUMP aspects for AFI deployment. The project ended with a Final Conference “Electric fleets for green Cities”, held in Brussels at Autoworld on 21-22 March 2022, where POLIS members Barcelona, Eindhoven and Vervoerregio Amsterdam shared their views and challenges regarding electrification in their respective areas.

Further information: <https://assured-project.eu>



CLEANMOBILEENERGY: This INTERREG North-West Europe project is looking at reducing GHG emissions through a new **intelligent energy management system, called REMove** that can balance energy demand and fluctuating renewable energy supply by using electric vehicles and local temporary storage solutions. POLIS member Arnhem is the lead partner. In 2022, POLIS worked toward strengthening the synergies between CME and other relevant projects, in particular the SCALE project, which was showcased during the joint CME/WG meeting in September, since both projects focus on smart solutions and energy management systems. CME's Final Conference "Road to decarbonisation - clean, smart and secure solutions" takes place in Arnhem on 6 and 7 December.

Further information:

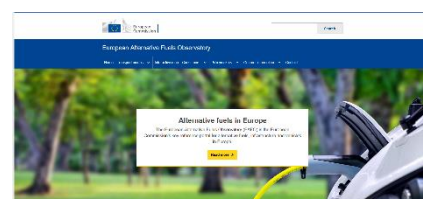
www.nweurope.eu/projects/project-search/cleanmobileenergy-clean-mobility-and-energy-for-cities
<https://www.youtube.com/watch?v=tZHL24hISLg>



EAFO II/III: In March, the European Commission launched the revamped European Alternative Fuels Observatory. POLIS is actively contributing to the online knowledge platform with content that is relevant to European policymakers on all levels, including European relevant legislation, policy recommendations linked to the work of the Sustainable Transport Forum's subgroup on Public Authorities (see Policy section above), as well as relevant EU-Funded projects in the field of electromobility and alternative fuels.

Further information:

<https://alternative-fuels-observatory.ec.europa.eu/>



eCHARGE4DRIVERS: This 4-year H2020 project aims to substantially improve the EV **charging** experience within cities as well as for long trips, with user-friendly and smart solutions. POLIS focused its activities in 2022 on the increased involvement of the Observer and User Reference Group, with the pilot site activities under full implementation. Activities with this group



included a series of Technical Workshops bringing together pilot site leaders and Reference Group Members.

Further information: <https://echarge4drivers.eu/>

eHUBS: The eHUBS project has been developing **on-street mobility hubs** that bring together shared e-mobility services e-bikes, e-cargo bikes, e-scooters and/or e-cars. POLIS members involved are the cities of Amsterdam (project coordinator), Leuven, Transport for Greater Manchester, the Belgian shared mobility network organisations Autodelen.net and Mpact, and the Arnhem-Nijmegen city region. POLIS leads the Communication WP. In 2022, the additional activities foreseen in the capitalisation call started to be implemented in the new eHUBS cities Inverness and Dublin, and the region of Wallonia. 2022 also saw the further roll-out of eHUBS across the initial pilot cities, which worked on different nudging campaigns to foster the uptake of eHUBS by users. Additionally, as a result of these nudging campaigns, eHUBS pilot cities monitored different aspects of eHUBS, such as users' travel behaviour and CO2 emission reductions. 2022 also concluded the first part of eHUBS, with a **final conference** organised by the city of Amsterdam and POLIS, where all partners, including cities, universities, and network organisations, presented their work. POLIS actively supported other eHUBS activities and project outputs such as the promotion and dissemination of the eHUBS blueprint for partner cities and replication cities, and several travel behaviour analyses and CO2 emission reductions conducted by the academic partners. eHUBS network organisations also concluded the eHUBS webinar series with 3 webinars held in spring on **planning and evaluation of eHUBS, eHUBS communications, and business models for eHUBS**. The third edition of the eHUBS international academy takes place back-to-back with the 2022 POLIS conference.

Further information:

www.nweurope.eu/projects/project-search/ehubs-smart-shared-green-mobility-hubs/



LENS (L-vehicles Emissions and Noise mitigation Solutions) is a new three-year Horizon Europe project that started in September 2022. It seeks to **reduce air pollutant emissions and noise levels from L-category vehicles** (mopeds, motorcycles, tricycles and quadri-mobiles) to enhance the liveability of urban and rural neighbourhoods. The project applies monitoring techniques, provides control recommendations, examines emissions and noise performance under real driving conditions, and deploys methods to identify tampered vehicles. POLIS members involved include the region of Flanders and the cities of Paris, Rome, Milan, and Prague. In 2022, POLIS:



- led the creation of the project's identity and first communication activities and tools;
- supported the organisation of the kick-off meeting in Brussels;
- organised the first stakeholder event, in tandem with the POLIS Annual Conference 2022.

SCALE (Smart Charging Alignment for Europe) is a new three-year Horizon Europe project that started in June 2022. It explores and tests **smart charging solutions** for electric vehicles to advance Vehicle-2-Grid (V2G) systems. The project will test and validate a variety of smart charging solutions and services through 13 use cases in real-life demonstrations with POLIS members Rotterdam, Utrecht, Eindhoven, Toulouse, Budapest and Gothenburg. In 2022, POLIS:



- led the creation of the project's identity and first communication activities and tools;
- supported the organisation of two in-person meetings in Utrecht and Brussels;
- worked on the stakeholder analysis and related deliverables.

Further information: <http://scale-horizon.eu>

2.1.3. Climate Neutral Cities Mission Taskforce

POLIS has launched a taskforce to support cities in their journey to climate neutrality. The EU Climate Neutral and Smart Cities Mission cities have been announced, pledges have been made, and plans published. POLIS is ready to accompany its 28 selected members during this challenging mission and is launching a Climate-Neutral Cities Taskforce to support members in reaching transport decarbonisation targets.



The new Climate Neutral Cities Mission Taskforce will help local and regional transport officials (both technical and political) make the most of this Mission through impactful mobility solutions. This Taskforce does not seek to duplicate tasks or resources planned by the Mission, we are not looking to create an added layer of work. Instead, it will adopt a bottom-up approach, complementing those tasks and resources, addressing gaps, and critically, providing a safe environment for frank discussions on challenges and difficulties encountered in moving from ambition to action.

The Taskforce will be coordinated by Marko Stančec, Project Manager at POLIS, and also responsible, on behalf of the EU Urban mobility observatory, for the roll-out of the EC's Sustainable Urban Mobility Indicators (SUMI) in the 100 Mission Cities. We will shortly be sending a survey to examine our members' needs, before holding the first meetings over the next few months.

Further information: <https://polisnetwork.civi-go.net/working-groups/policy-lobbying/news/polis-launches-climate-neutral-cities-taskforce>

2.2. Mobility & Traffic Efficiency

The Traffic Efficiency pillar addresses the broad subject of multimodal network management from both a strategic and technical perspective. There is a particular focus on ITS and its role in helping cities deliver their policy goals. Other key topics include data (open data, data analytics and interoperability), cooperative ITS, vehicle automation, MaaS, and strategies to optimise road space for all modes.



The Traffic Efficiency pillar covers the following topics:

- **new technology developments** and their corresponding functions: cooperative systems; connected vehicles and automated transport systems;
- integrated **information systems and services**;
- **data**: open data/access to data, digitalisation of infrastructure, data analytics (to support transport planning and management);
- multi-modal **network management**.

This thematic pillar currently has one Working Group, the Traffic Efficiency Working Group, chaired by Mikael Ivari from the city of Gothenburg

Coordinators of the Traffic Efficiency thematic pillar:

Suzanne Hoadley, shoadley@polisnetwork.eu

Laura Babío, lbabio@polisnetwork.eu

Traffic Efficiency Working Group

Working Group meetings

In 2022, the Traffic Efficiency Working group continued to adapt to the current times, exploring different formats for its meetings. The Working Group met at the POLIS offices in May, and in November in Paris, together with the NAPCORE Mobility Days. Besides these two meetings, several workshops took place during Summer and one webinar was organised to put a member in the spotlight, as the WG has been doing for the last couple of years.

Working Group meeting “Learning from national regulation plans: The French LOM”, 28 April - online

POLIS organised a webinar together with Île-de-France Mobilités, the Greater Paris region’s public transport authority (PTA), to learn about their national regulatory framework that enables third parties to resell transport tickets. The webinar focused on an overview of the Loi d’orientation des Mobilités (LOM), a French law approved in 2019 and operational since July 2021, which profoundly transforms mobility policy in France, with a simple objective: seamless everyday transport. This event was a chance to gather input and lessons learned that can be brought into the MPMF discussions (more information in the next section) and help the EC define legislation to accelerate the deployment of Multimodal Digital Mobility Platforms (MDMS).

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-traffic-efficiency/news/polis-members-explore-lom-french-regulation>



Workshop “Digitisation of traffic signs, regulations and traffic management strategies”, 24 May - Brussels

This meeting explored the digitisation of traffic signs in Flanders and traffic management strategies in Amsterdam, while the UK Department of Transport presented their traffic regulations digitisation programme. During the meeting, the EC updated members on three key EU data policy legislative initiatives: the proposed revisions of the delegated regulations on Real-time Traffic Information (RTTI) and Multi-modal Travel Information services (MMTIS), and the Multimodal Digital Mobility Services (MDMS) initiative. Two EU-funded projects, MobiDataLab and UVAR Box, also presented their relevant contributions in the field.

Further information: <https://polisnetwork.civi-go.net/working-groups/news/traffic-efficiency-working-group-meets-discuss-digitisation-traffic-signs>



Member in the spotlight: Ghent, 14 June, online

To support members with their data activities, POLIS has continued with the webinar series started in 2021. The city of Ghent presented its experiences navigating the deployment of internal and external, renewal and reorganisation of data sharing partnerships, current actions and aspirations for the future.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-traffic-efficiency/news/members-spotlight-ghent>



Working Group meeting “Data, Digitisation and EU policy workshop”, NAPCORE, 3 November - Paris

The meeting continued discussions on the evolving EU policy framework that is creating many obligations for the **digitisation of spatial data, mobility services and traffic regulations** and opening up opportunities for public authorities to harness data and digitisation to support transport management and enforcement tasks. The meeting comprised presentations and a

Polis Traffic Efficiency Working Group meets to discuss data and digital transition

11/11/2022 - 14:57 - Working Group on traffic efficiency - A working group on traffic efficiency



The half-day hybrid meeting continued discussions from previous WG meetings about the digitisation of transport data.

- An update on the EU regulatory framework regarding ITS and transport data was provided - focusing on the ITS Directive and MDMS going into force.
- The following session introduced tools/frameworks to aid local authorities in this digitisation process, specifically the NAPCORE platform and the DataHub tool.
- The final session was organised around a brainstorming on key new provisions of the revised real-time traffic information delegated regulation, adopted earlier this year, that concerns the obligation for traffic regulation operators and traffic management plans to be integrated in open information services (e.g. routing information) when accessible (published on the 10th), the second session aimed to create a data, code (APIs) interface for weekly public authority transport management plans.

A full note of the meeting along with the presentation given can be downloaded from this page.

A note about the NAPCORE platform: Please see NAPCORE Home

refreshing brainstorming session that will help define priorities and strategies for next year.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-traffic-efficiency/news/polis-traffic-efficiency-working-group-meets>

Policy, Promotion & Partnerships

EU policy/legislation on data access and reuse

There are many legislative initiatives recently adopted, underway or imminent, related to data and ITS. The main ones are:

- the **adoption** of the **revised real-time traffic information delegated regulation** in February 2022, which will have far-reaching consequences for local and regional authorities related to the provision of machine-readable transport data;
- the **revision of the ITS Directive** at the end of 2021, which is under discussion in the Council and European Parliament;
- the imminent **revision** of the **MMTIS delegated act**;
- the creation of a new policy initiative, called **Multimodal Digital Mobility Services (MDMS)**, which could see a European mandate on the opening up of ticketing systems and minimum rules regarding what is permitted in commercial agreements between mobility operators and MaaS providers.

POLIS has been following the developments and engaging with DG MOVE and members about these developments. POLIS has been interviewed by the consultants recruited to conduct an impact assessment of the legislative initiatives and has taken part in workshops organised by DG MOVE. POLIS is cooperating with EMTA and UITP on the MDMS initiative.

Multimodal Passenger Mobility Forum

The European Commission has established a platform to guide European policy developments in the field of **sustainable**

multimodal passenger mobility, the Multimodal Passenger Mobility Forum (MPMF). POLIS and more than 10 members have a seat on this forum. One of the first policy initiatives tackled by the forum is the MDMS (Multimodal Digital Mobility Services), which is intended to facilitate the planning and buying of transport tickets for journeys that combine different modes of transport. In its role as a member of the MPMF, POLIS led the task of gathering input about the **data sharing needs of public authorities** in a MaaS context and the measures that may be needed to ensure MaaS supports SUMP goals. This exercise was conducted to support the EC in its work on defining legislation to accelerate the deployment of Multimodal Digital Mobility Platforms (MDMS), aka MaaS. The finalised report will be published soon on the EC portals.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-traffic-efficiency/news/ec-establishes-multimodal-passenger-mobility>
<https://polisnetwork.civi-go.net/working-groups/working-group-traffic-efficiency/news/preliminary-views-maas-alignment-sump-goals>

C-Roads Platform

POLIS entered into an MoU with the C-Roads Platform, which brings together road authorities and infrastructure stakeholders on the subject of C-ITS. The MoU was signed in May 2022 at the European ITS congress in Toulouse. A programme of activities for POLIS members will be launched in 2023.

ITF Working Group on CCAM Infrastructure

This initiative brings together national government representatives from Europe, US, Australia and Singapore with the aim to promote the exchange of experience and good practice related to **infrastructure** aspects of vehicle **automation**. POLIS is involved in the 'institutional and regulatory' stream.

CCAM Research Partnership

This research partnership is intended to strengthen collaboration between the public and private sector on CCAM research and innovation under the **Horizon Europe** programme. POLIS has contributed to the **strategic research and innovation agenda**. POLIS is co-leader of cluster 6 “societal needs, impact assessment and workforce”. Several members are also part of the partnership, including Île-de-France Mobilités, which has been elected as representative of the local/regional authorities membership category, Helmond and Gothenburg.

Further information: <https://www.ccam.eu/>

Projects

DIT4TraM aims at improving **traffic and mobility management**. While technology is evolving quickly, management, information and control methods and software are lagging behind. To solve pressing mobility issues, DIT4TRaM develops, implements, and tests distributed control paradigms. The project contributes to the transition towards connected and automated mobility by providing the methodology needed to deploy technological innovations. The project tests its solutions in four pilot areas: Bordeaux (FR), Utrecht (NL), Amsterdam (NL), Glyfada (GR), and two simulation areas. POLIS is responsible for dissemination, exploitation and R&I management. A stakeholder workshop on June 23 in Delft (NL) collected inputs from the pilots and additional cities about use cases for distributed traffic management solutions. POLIS also coordinated the deliverable “Future traffic and mobility management system: Requirements and use cases”, written along with project partners Aimsun, Technolution and Siemens. POLIS will set up a **stakeholders' engagement group** to identify requirements, barriers and opportunities in terms of future multimodal mobility scenarios. The project participates in the 4FRONT Cluster of sister projects (TANGENT, DIT4TraM, ORCHESTRA, FRONTIER). The first common webinar *Developing*



traffic and network management of the future, took place on 14 June 2022.

Further information: <https://dit4tram.eu/project/>

Dynaxibility4CE was an Interreg-funded project that helped cities in Central- and Eastern Europe increase the quality of life in their urban environments. The project concluded in May 2022 with a final conference in Leipzig (DE). Dynaxibility4CE enhanced existing mobility plans through best practice sharing, by focusing on Urban Vehicle Access Regulations (**UVARs**), Mobility as Service (**MaaS**) and Cooperated, Connected and automated mobility (**CCAM**). POLIS was in charge of dissemination and communication and drafted the annex to the “UVAR and SUMPs – Topic Guide”. The annex adds several concepts to the existing guide, including the framework of the Functional Urban Area (FUA), suggestions for UVAR planning, as well as best practices from cities of Central Europe and beyond. A total of eleven trainings were held to help cities strategically apply transport modelling, as well as dynamic and flexible low-carbon mobility planning.

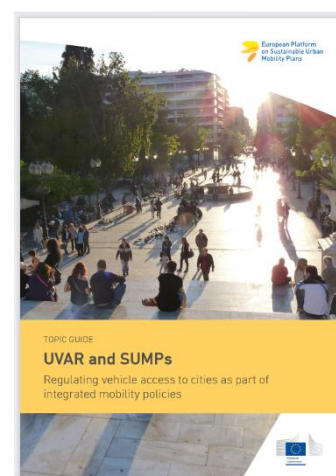
Further information:

<https://www.interreg-central.eu/Content.Node/Dynaxibility4CE.html>

<https://www.interreg-central.eu/Content.Node/Dynaxibility4CE/UVAR-Topic-Guide.pdf>

[https://www.eltis.org/sites/default/files/uvar_brochure_2019-09-26_digital_version v2.pdf](https://www.eltis.org/sites/default/files/uvar_brochure_2019-09-26_digital_version_v2.pdf)

INDIMO: INDIMO’s main objective is to extend the benefits of digitally interconnected transport systems to people that currently face barriers to using such systems. To this purpose, INDIMO co-created the INDIMO **Inclusive Digital Mobility Toolbox for policy makers, developers and operators of digital mobility solutions**. The Toolbox has been tested in 5 pilot sites, 2 of which are POLIS members, Madrid and Berlin.



POLIS leads the communication and dissemination activities of the project and has contributed to the transferability of the project results through several activities. In 2022, POLIS organised a **webinar for the uptake of project results** in collaboration with the H2020 SPROUT project, and the second **INDIMO public event** “Inclusive digital mobility solutions: An overview of INDIMO’s user-centric redesign process” in March. Additionally, POLIS organised **INDIMO’s 4th co-creation workshop** in Bologna, with the participation of several policymakers from POLIS members. POLIS also organised the **5th and last INDIMO co-creation workshop**, where the transferability of the INDIMO tools to a wider European context was assessed by a group of policymakers, developers, transport operators and end-users. A final event together with its HORIZON 2020 sister projects DIGNITY and TRIPS is scheduled to take place on 7 December in Brussels.

Further information: <https://www.indimoproject.eu>

LEVITATE is a Horizon 2020 project that ended in May 2022. It built tools to help European cities, regions and national governments prepare for a future with **increasing levels of automated vehicles** in passenger cars, urban transport services and urban logistics. POLIS members TfGM and Vienna were partners, and other POLIS members contributed through the stakeholder reference group. In 2022, LEVITATE published its open-access tool that enables users to estimate short, medium and long-term impacts of connected and automated transportation as well as establish the most effective policy pathways for the introduction of CATS to achieve predefined objectives. To help users navigate the tool, POLIS created two challenges that can be done independently, as well as three tutorial videos. In addition, the LEVITATE project held its final conference in May in Brussels as well as published a policy recommendation brochure.

Further information:

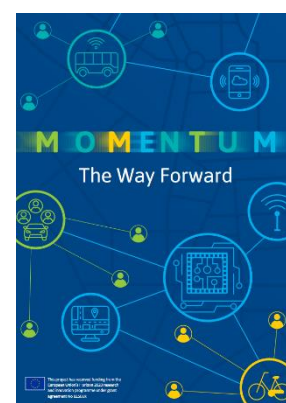
<https://levitate-project.eu>, <https://www.ccam-impacts.eu/>



MobiDataLab aims to foster digitalisation for mobility stakeholders through the development of a worldwide **data sharing** culture, starting with Europe. The project helps mobility stakeholders to optimise the use of data for the improvement of their operations and services by proposing a replicable methodology and sustainable tools. POLIS leads the dissemination and communication and is in charge of the Reference Group, consisting of public authorities, transport operators and transport authorities. The Reference Group helps to co-create, explore, test and evaluate the Transport Cloud, as well as validate project results. Eindhoven, Leuven and Rome are some of the POLIS members involved. POLIS also takes part in the quantification of the data exchange culture, and in the organisation of living labs (hackathons, datathons and codagons). The project organises several webinars and activities to disseminate project results and create a community around the data topic. The second webinar took place on 22 November. **Further information:** <https://mobidatalab.eu/>



MOMENTUM developed a set of new **data analysis methods, transport models and planning support tools** that capture the impact of new mobility services and disruptive technologies on the urban mobility ecosystem. POLIS led the communication and dissemination activities in the project, which ended in May 2022, in close cooperation with POLIS member EMT Madrid as the project coordinator. Further POLIS members involved were Leuven as partner, and Tallinn, Paris, Bologna, Budapest, Twente, Dublin, Lisbon and London as members of the MOMENTUM City Pool. They received detailed updates about the project through dedicated exchange events organised by POLIS. Main outcomes include the recommendations, summarised in the final brochure, and the **decision-support tool**. This calculator supports cities in their decision-making process concerning the deployment of emerging mobility solutions in a dedicated area. Due to its three levels, the DST can help each city, regardless of the number of available datasets.



The **final brochure** provides a concise summary of the project's achievements. POLIS also developed additional learning opportunities in form of a free CIVITAS **e-course on 'data-driven approach to SUMP'**. The course, which was created in cooperation with the HARMONY and SPROUT projects, includes lessons on the MOMENTUM decision-support tool that helps cities to make first steps into the topic of transport modelling. Furthermore, it provides an overview of the local project results from the four MOMENTUM cities in form of engaging quizzes.

Further information:

<https://h2020-momentum.eu/>,

<https://civitas-learningcentre.talentlms.com/catalog/info/id:236>

PAV is a 3-year Interreg North project that aims to stimulate the **up-take of electric, shared autonomous vehicles** by cities through green transport- and spatial planning strategies that incorporate autonomous vehicles. POLIS is in charge of preparing several reports on the **impacts and challenges of AVs**, and the lessons learned through the project. In 2022 (and 2023) POLIS leads the development of two publications, one exploring the **feasibility** of deploying **AV for logistics**, and another one looking at the PAV pilots and their future **scalability**. POLIS also leads the promotion of the project at events, supports the communication activities and will contribute to the applicability and transferability of the project results. PAV will hold a final event in Brussels in February 2023.

Further information: <https://northsearegion.eu/pav>



Ride2Autonomy, which comes to an end in November 2022, has demonstrated **autonomous shuttles' integration** into the transport system of ten cities, including POLIS members Barcelona (ES), and Reggio Emilia (IT). The variety in approach and context in the ten pilot sites provides the project with the ability to analyse the system performance of autonomous shuttles in view of **safety and environmental impact**, as well as their **multimodal integration** with the transport network. The individual and public response, as well as socio-economic



potential of the services, are also looked at. POLIS is responsible for communication, exchange, and exploitation of knowledge. In this role, POLIS has organised workshops and webinars to support the initiative, and coordinated the creation and promotion of pilot videos and materials to increase visibility of the project. POLIS leads the development of the **'Lessons Learnt' guide**, a collaboration with all project partners, which was delivered in alignment with the final conference, which took place as a side event to TRA2022.

Further information: <https://summalab.nl/r2a/>

TANGENT develops new complementary tools for **optimising traffic operations** in a coordinated and dynamic way from a multimodal perspective, both for passenger and freight. The project enables the implementation and integration of innovative mobility solutions, services, and business models. TANGENT delivers the following services for decision-making support: enhanced information for **multimodal transport management**; **real-time traffic management**; and **transport network optimisation**. The TANGENT approach and methodology are tested in three case studies: Rennes (FR), Lisbon (PT), Greater Manchester (UK), with a virtual case study in Athens (EL). POLIS is responsible for the Dissemination and Exploitation activities. The project participates in the 4FRONT Cluster of sister projects (TANGENT, DIT4TraM, ORCHESTRA, FRONTIER). It jointly participates in events, such as the Connecting Europe Days, TRA, and the POLIS Conference. In addition, a common webinar took place on 14 June 2022, titled *Developing traffic and network management of the future*. POLIS also participates in setting up the TANGENT Forum, the project stakeholder group.

Further information: <https://tangent-h2020.eu>



2.3. Access

POLIS members jointly work on how to best address challenges such as parking, pricing, access regulations, infrastructure, and accessibility for all. The development of inclusive transport services, either public or private, is key in this regard. The pillar looks at both economic and social access, including access to transport services for people with reduced mobility, access to jobs, education and other services.



The Access pillar covers the following topics:

- **public transport operation and innovation;** services providing mass transit for regions, metropolitan areas and cities,
- **accessibility and social inclusion,** including the accessibility of transport for the mobility impaired and accessibility of basic services (health centres, shops, culture, etc.) for everyone; the role of transport in combating social exclusion and supporting an ageing society;
- **economic tools for transport management,** including taxation, charges, access regulations, infrastructure charges, parking management, and the opportunity to internalise external costs of transport;
- **regulatory issues,** related to public transport, transport and land use planning, management of transport demand and procurement;
- **space management and design,** enabling modal shift and dynamic use of public space;
- **urban air mobility.**

This pillar includes two Working Groups:

- the **Parking Working Group**, chaired by Olivier Asselin, Lille Metropolitan Area (FR)

- the **Access Working Group**, chaired by László Kerényi, BKK Budapest

Coordinator of the Access thematic pillar:

Ivo Cré, icre@polisnetwork.eu

Supported by Niklas Schmalholz,

nschmalholz@polisnetwork.eu

and Juliette Thys

jthys@polisnetwork.eu

The Access pillar now also includes a newly established Task Force, i.e. the **Just Transition Taskforce**.

Coordinator of the Just Transition Taskforce:

Laura Babío, lbabio@polisnetwork.eu

2.3.1. Parking Working Group

Working Group meetings & events

Working Group meeting, 28 February - online

The meeting addressed hot topics on the European parking agenda, and reflected on the POLIS Annual General Assembly outcomes. On the agenda: 1) **Parking and EV-charging**: progress on the topic since the Gothenburg meeting, the Sustainable Transport Forum accessible parking/charging practices; 2) **From parking to mobility norms**: current status of discussions about parking standards at national, regional and EU level, introduced by Prof. Dirk Lauwers, Antwerp University; Working group members in action: BKK presented its parking agenda.

Further information:

<https://polisnetwork.civigo.net/civicrm/event/info?id=220&reset=1>

3rd POLIS-EPA-PARK4SUMP webinar: Digital services and devices, 2 March – online

After exploring on-street and kerbside vehicle management and off-street parking management activities for new mobility services, this third installment of the POLIS-EPA webinar series concentrated on applied digital solutions for parking. The webinar looked at on- and off-street parking solutions, integrated management applications and data management.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-parking/news/3rd-polis-epa-webinar-parking-goes-digital>



Working Group meeting, 17 June, Sofia

Working session to validate the Curb Side Management report prepared by Mitchell Neels, intern at POLIS from POLIS member BUAS.

Joint Working Group Meeting Parking – Active Travel: “Pedal power meets Parking: Smart solutions for bicycle parking”, 14 November - online

Organised jointly with the Parking Working Group, this meeting examined the relevance of adequate parking infrastructure in supporting the uptake of cycling. Presenters from Lille, Brugge, Utrecht, TOI Institute of Transport Economics and HAVN presented how data, technologies and new infrastructures could allow better parking for cycling.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-active-travel-incl-bike-share/news/active-travel-and-parking-joint>



Policy, Promotion & Partnerships

European Parking Association

Within the context of the strategic partnership between POLIS and the **European Parking Association**, POLIS contributed to

the preparation of the EPA congress 2022 in Brussels and was part of the scientific programme committee. POLIS organised a session on the relation between UVAR and PARKING, involving the EMT Madrid as speaker.

Next to the events and workshops/webinars that were jointly organised with EPA this year (see above), POLIS offered promotional support to the **Alliance for Standardised Parking Data** in discussions about parking data standardisation.

Curbside management

In 2021, POLIS and POLIS associate member BUAS launched a large-scale global call for expressions of interest on curbside management service providers. This cooperation continued in 2022. The aim was to collect information that could help POLIS members understand the current market of services and systems to support curb management and to define the main opportunities and challenges to be addressed in the near future. POLIS offered the opportunity to Mitchell Neels to develop his thesis on the topic. The document will be available soon as a policy paper.

Networking

Ivo Cré chaired the vision session at the Dutch Parking Congress, Rotterdam 10 March, and chaired and organised a parking session at Intertraffic, Amsterdam on 29 March. Ivo Cré took part to an expert focus group on parking standards of the Flemish Region on 15 November.

Projects

PARK4SUMP was the only EU-funded project that solely focused on the topic of parking management. It aimed to change local parking practices and accelerate the take-up of high-quality parking management and its integration into Sustainable Urban Mobility Plans. 16 cities were involved, of which Trondheim,



Rotterdam, Tallinn and La Rochelle are POLIS members. A total of 22 trainings, of which POLIS organised several, took place, which helped to share the importance of parking management as a tool to reduce the negative externalities of the passenger car in urban environments. Long-term benefits of the project exist with the opportunity to participate in the ParkPAD audit scheme, which helps cities to review their parking policies and organisational set-up, and to achieve consensus on improvements by developing an action plan for parking management as part of their SUMPs. The project concluded with a final conference, which was co-organised by POLIS and the host city and POLIS member Sofia (BG). A summary of the project results is available in the final brochure, which was co-written by POLIS and project coordinator Mobiel21.



Further information: <https://park4sump.eu/>

2.3.2. Access Working Group

Working Group meeting and events

CoR – ARC – POLIS webinar “Urban Air Mobility: Preparing for a (very) near future”, 2 March - online

This webinar was organised in view of Urban Air Mobility (UAM) being an emerging issue. Airport Regions Council and POLIS provided an occasion to have the voices of regions and cities heard and taken into account from the very beginning of drone deployment. With potential benefits, UAM also brings many open questions that can only be addressed in close cooperation with cities. The webinar explored the current landscape, and looked at what is coming next. POLIS member Eindhoven was one of the speakers.

Further information:

<https://www.polisnetwork.eu/event/urban-air-mobility-preparing-for-very-near-future/>,
<https://www.airportregions.org/post/urban-air-mobility-preparing-for-very-near-future>

Working Group Webinar “Interventions to reduce car use in European cities”, 26 September – online

The Access Working Group started a webinar mini-series on managing vehicle access. This first episode convened academics and city representatives to share research and action on the ground on effective measures and instruments to reduce urban car use in European cities. Prof. Kimberly Nicholas (Lund University) shared her research on effective measures and instruments to reduce urban car use in European cities to reach urban climate goals. Stephen Frost, IPPR (Institute for Public Policy Research), presented the SUSTRANS- commissioned paper: “Fairly reducing car use in Scottish cities: A just transition for transport for low-income households”. WG chair László Sándor Kerényi from BKK presented the current review of the capital’s SUMP and Budapest Mobility Plan.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-access/news/access-webinar-cutting-cars-cities-research-action>

Access Webinar: Cutting cars from cities, from research to action!



The Access Working Group convened for a webinar exploring cutting-edge research on reducing cars from cities, examining how cities and regions can apply these on the ground.

The webinar was moderated by Prof. Kimberly Nicholas (Lund University) and featured presentations from Prof. Stephen Frost (IPPR) and Prof. László Sándor Kerényi (BKK). The webinar was recorded and will be available on the Polis Network website. The webinar was moderated by Prof. Kimberly Nicholas (Lund University) and featured presentations from Prof. Stephen Frost (IPPR) and Prof. László Sándor Kerényi (BKK). The webinar was recorded and will be available on the Polis Network website.

Policy and partnerships

TEN-T Guidelines revision

- The POLIS - ERRIN cooperation continued in 2022 in the form of an ad-hoc Working Group to establish and promote recommendations on the role of **Urban Nodes** in the TEN-T. The ad hoc working group met on 27 January, 15 February (in presence of Herald Ruijters, Director at DG MOVE overseeing this topic), 26 April, and 7 November.
- With regard to Urban Nodes and the TEN-T, POLIS participated in the Committee of the Regions Stakeholder meeting on 3 May and met with the European Commission’s DG MOVE on 12 May.
- A POLIS delegation participated in the Connecting Europe Days in Lyon, 28-30 June.



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Further information:

<https://www.polisnetwork.eu/news/concrete-amendments-tent-legislation-proposed/>

Urban Air Mobility

POLIS has developed further activities on urban air mobility (drones) and has signed up to the UIC2 initiative. POLIS continued its activities as member of the H2020 ASSURED UAM advisory board, as well as the SESAR JU X-TEAM D2D advisory board. Several working meetings took place, including a meeting with ASD Europe on 21 February.

Further information:

<https://smart-cities-marketplace.ec.europa.eu/action-clusters-and-initiatives/action-clusters/sustainable-urban-mobility/urban-air-mobility-uam>

PSO for Public Transport advocacy

On 8 February, POLIS invited its members to discuss the then current status of the DG GROW initiated revision of the guidelines for the **Public Service Obligation** (PSO) approach, affecting the PSO for Public Transport. Together with UITP and EMTA, a position was released on this impactful document, which was also presented during a press conference at the International Transport Forum's summit in May in Leipzig.

Further information:

<https://www.polisnetwork.eu/news/joint-statement-on-the-psy-regulation/>



Expert advice

- POLIS is part of the ISO 4448 **sidewalk robots** stakeholder community which met several times in 2022, preparing for non-disruptive entry of new autonomous devices using bicycle and pedestrian space.
- POLIS participates in the **advisory group** of the Antwerp University project **on new financing models for urban infrastructures**.

- POLIS provided an expert review of the new **SUMP topic guide** on **public transport**.

Further information:

https://www.eltis.org/sites/default/files/sump_topic_guide_planning_for_attractive_public_transport.pdf

Projects

MORE officially ended in February 2022. The project developed design tools and processes to **optimise the allocation of road and street space**. The project introduced innovative practices of dynamic street space allocation at inner city TEN-T corridors in POLIS members Budapest, Lisbon, and London. POLIS led the dissemination work and the end-user forum. In 2022, POLIS organised the MORE final event in Brussels, which was followed by a final webinar series going more in depth on the MORE project results. Recording of both the final event and the webinars are available on the project website. POLIS also supported the development of the MORE project handbook **“Better Streets for Better Cities: A handbook for active street planning, design and management”**. It describes challenges and opportunities, concepts and principles, and policy and regulatory frameworks. In addition, it discusses the current user groups and patterns of street use and the future of streets. POLIS also produced **“The MORE Summary and Key Recommendations”**, a document that highlights the concepts and steps of the project and gives insights into the MORE cities' experiences, topped with lessons learnt and tips from the cities on how to engage in the holistic process of street space (re)allocation and design.

Further information: <https://www.roadspace.eu/>

MOVE21 aims at transforming European cities and their surroundings into **smart zero-emission nodes** for mobility and logistics. The project comprises three Living Labs and three replicator cities. A secondary target group consists of the so-called cascade cities, and all other urban nodes in Europe. POLIS



members Gothenburg, Bologna, Roma TRE university, TOI are partners of the project. POLIS members Stockholm, Thessaloniki, Bilbao, Sofia are involved as cascade cities. POLIS is responsible for the Outreach and Dissemination activities. It also has an important role in determining strategies for upscaling and replicating the approaches implemented through the **Scan-Med observatory** and TEN-T Urban Nodes forum, and to provide guidance and recommendations for local, national and European decision makers and planners. MOVE21 tests and upscales different solutions for passenger and goods transport across the Scandinavian-Mediterranean (Scan-Med) Corridor of the Trans-European Transport Network (TEN-T). MOVE21 delivers new, close-to-market-ready solutions that have been proven to work in different regulatory and governance settings. MOVE21 was featured at the Connecting Europe Days in Lyon, organized in Lyon from 28 to 30 June by the French Presidency of the Council of the EU, and brought together politicians, industry representatives and the European Commission. The Project coordinator and POLIS organised a high-level session (online) at the European Week of Regions and Cities (EWRC) 2022, launching the Scan-Med Observatory.

Further information: <https://move21.eu/>

ReVeAL aims to add **Urban Vehicle Access Regulations (UVAR)** to the standard range of urban mobility transition approaches of cities across Europe. ReVeAL combined conceptual work with hands-on UVAR implementation in six pilot cities, where different UVAR measures were developed, implemented, and tested. POLIS Members Helmond and Jerusalem are two of the ReVeAL cities implementing Low Emission Zones and striving towards Zero Emission Zones. Several POLIS members were involved in the ReVeAL Reference Group. In addition to leading on communication and dissemination, POLIS managed the '**Governance and Financing**' Transition Area, the project's final conference in London, and contributed to or led key deliverables to share the lessons learnt (City Implementation Reports, Policy Recommendations, Results Brochure, etc.). Moreover, this year,



the project delivered its **UVAR Decision Support Tool** and continued working on a series of Guidance Documents to support cities in the task of deploying successful UVARs, tackling a series of cross-cutting themes. The project ended in November 2022.

Further information:

www.CIVITAS-REVEAL.eu, <http://accessregulationsforyourcity.eu>

USEPE aimed at **exploring potential separation methods to ensure the safety of drone operations in urban environments**, with a particular focus on densely populated areas. The project identified who shall be making the decisions on drone trajectories, priorities, and governance. It then defined concepts needed for safe separation, such as density, geovectoring, and machine-learning algorithms. Finally, the impact of the proposed concepts and methods on several key areas was assessed: safety, capacity, efficiency. In parallel, after defining the USEPE drone separation method D2-C2 in 2021, the simulation tool BlueSky was developed, and **test simulations were conducted to validate the method in three use cases of goods delivery, emergency operations, and wind turbulences**. The main outcomes of the project are the following:



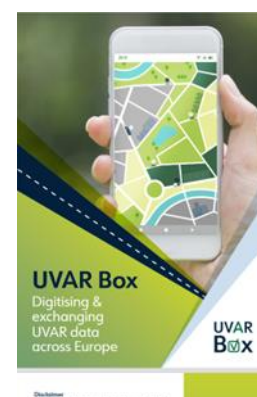
- an initial concept of operation, with proposals for a U-Space separation management system
- a set of validation experiments of the proposed solutions, to achieve the Technology Readiness Level 2.

POLIS supported the **stakeholder engagement activities** and the analysis of their needs and requirements for the separation concepts and method. A workshop took place on 8 November in Madrid to collect final feedback, and the project promotion goes on until December 2022, when the project lifetime is over.

Further information: <https://usepe.eu/>

UVARBOX successfully ended in August 2022 and tackled fragmented or unavailable information on relevant Urban Vehicle Access Regulations (UVARs). It aimed at **enabling accessibility to harmonised and digital information on UVARs**. To this end, it provides tools to structure data on UVARs in adequate machine-readable formats for navigation systems and mobile applications. POLIS led the communication activities and coordinated **stakeholder engagement** at all stages. In 2022, POLIS members were kept up to date on the project's progress, and were contacted to digitize their UVARs through the DATEX II data standard for UVARs and the web-based platform developed. Barcelona and Amsterdam were among the front-runners. In addition, national and European authorities have been involved in the definition of the future exploitation of the tools developed, in relation with upcoming legislation on the publication of UVAR data. The digitisation tool, as well as the project final brochure are available on the project website. Promotion continues as the topic is high on local, national and European agendas now. The sister project UVAR Exchange also concluded with a final conference at the POLIS office, showcasing results in terms of signalisation harmonisation and cross-border data exchange processes analysis and improvement.

Further information: www.uvarbox.eu



2.3.3. Just Transition Taskforce

Following the presentation of the Just Transition agenda at the POLIS conference in Gothenburg, the Just Transition Task Force has been established to ensure the horizontal implementation of the agenda across the network's activities, thematic pillars and working groups. The task force officially kicked off in September 2022. Its main objectives are to:

- **increase visibility** of member's activities on the topic and collect best practices across the membership;

- ensure 'Just Transition' related topics are addressed across all **working groups**;
- encourage the development of **capacity building** activities;
- establish **synergies** and cooperation with other organisations working on the topic;
- increase **advocacy** work and involvement in related EU policies.

In 2022, POLIS focused on establishing the taskforce, defining its objectives and goals, and identifying potential just-transition topics across the different working groups. Activities and involvement of POLIS members will begin in 2023 with the Just Transition Webinar series. The Taskforce is coordinated by Laura Babío, project manager at POLIS.

Further information: lbabio@polisnetwork.eu

2.4. Safety & Security

This pillar addresses Street and Road Safety, with a special focus on protecting from life-threatening crashes those who walk, cycle, use public transport or shared micromobility, and the Security of Urban Mobility networks, with a special focus on protecting users of transport infrastructure from sexual crime, violent crime, and extreme climate events.



The Safety & Security thematic pillar covers the following topics:

Regarding **Street and Road Safety**:

- the New Paradigm for Safe City Streets;
- the Safe System and the Vision Zero approaches;
- the convergence of policies, strategies, and solutions for safe, sustainable, and affordable mobility, e.g., low traffic neighbourhoods, safe cycling networks, school zones, shared spaces, walkable mobility hubs, 30 kph zones;
- speed management and traffic calming principles, methods, strategies, and solutions;
- data collection, analysis, and applications, including quantitative data on (past) crashes and near misses, and qualitative data for (proactive) assessment of network safety;
- capacity building for key stakeholders at the political, technical and advocacy levels;
- improvements in vehicle design, e.g., direct vision for trucks, and behaviour, e.g. Intelligent Speed Assistance Systems and Autonomous Vehicles;
- technological innovation to improve enforcement, e.g. speed cameras, and infrastructure safety from high to low-tech solutions.

Regarding the **Security of Urban Mobility networks**:

- crime Prevention Through Environmental Design (CPTED) of public transport stops, stations, and connecting hubs and pedestrian paths;
- gender-based sexual violence in public transport and public spaces;
- protection of crowded places against terrorist attacks, with a special focus on urban public transport infrastructure;
- Risk Management principles and methods.

This thematic pillar currently has one Working Group, the Safety & Security Working Group, chaired by Suzanne Andersson from the city of Gothenburg until the end of 2022.

Coordinator of the Safety & Security thematic pillar:

Pedro Homem de Gouveia, pgouveia@polisnetwork.eu

Safety & Security Working Group

Working Group meetings & events

Working Group meeting “Fixing the Fundamentals”, 17 May - online

This Working Group meeting discussed two topics:

- **Single Crashes when Walking and Cycling**, i.e., crashes with no collision partner, e.g., falls from tripping in the sidewalk or falling from the bike. These are rarely considered or counted as traffic crashes, but are a major safety problem, which is directly related to the design, building and maintenance of the walking and cycling infrastructure
- **Reducing Speed Limits**, practical issues raised their implementation, including how to deal with the transition if street design still encourages higher speeds, how to enable enforcement, and how to deal with the fear of reducing the commercial speed of public transport buses?

Safety and Security: Fixing the Fundamentals



Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-safety-security/news/safety-and-security-fixing-fundamentals>

Working Group meeting “Exploring the links”, 13 December - online

The second meeting is scheduled for 13 December, and will be dedicated to “**Exploring the Links**” of Road Safety to other important issues. It will discuss two topics:

- **Road safety & electromobility**, because decarbonisation of urban mobility is becoming a top priority, and electromobility a tool to reach that goal. Electric vehicles, however, don't solve by themselves several critical safety issues, and actually add new challenges.
- **Linking Road Safety to Sustainability**, to follow up on the Recommendations of the Expert Group to the 2020 Stockholm Road Safety Global Conference, which pointed out that Road Safety is indispensable for the pursuit of several sustainable development goals.

Member Support

Upon request, POLIS launched internal consultations for peer-to-peer support among members, on specific issues of special interest, including (1) safe intersections between bike lanes and tram tracks, (2) opportunities and obstacles posed by electromobility to road safety, (3) practical challenges of designing and implementing blanket speed limit reductions, and (4) speed reductions and air quality improvements.

Information collected (about the challenge, possible solutions and practical advice) will be systematised and made available in Knowledge Briefs for the members.

Policy, Promotion & Partnerships

The New Paradigm for Safe City Streets

The Declaration on The New Paradigm for Safe City Streets, was launched during the European Mobility Week 2019, and signed by several POLIS members and key mobility stakeholders during the POLIS Annual Conference of 2019. It has since become the foundation for POLIS work in the domain of road safety. We are systematically integrating it into policy work, research and innovation projects, and disseminating it through several speaking engagements. To support facilitation and encourage take-up, we are translating the Declaration into a growing number of languages from EU member states. Originally launched in English, it is now also available in French, German, Spanish, Dutch and Polish – with additional versions being prepared in Czech, Greek, Portuguese and Italian. We have also been collecting additional endorsements among public authorities, non-profit organisations and for-profit mobility services. Their number has been slowly but steadily growing, and currently stands at 26 cities and regions, and 27 mobility stakeholders. To further advance the uptake of the New Paradigm, we are preparing an Action Paper, to discuss the practical implementation of the New Paradigm's principles.

Further information: www.polisnetwork.eu/document/city-declaration-road-safety/

DG GROW and E-scooters

POLIS participated in a meeting convened by DG MOVE and DG GROW to discuss the potential development of EU technical requirements for type-approval of light electric vehicles which are not covered by current requirements, including kick-scooters (also called e-scooters). After our active contribution, we are now waiting for developments from the Commission.

Cooperation with the European Road Safety Summer School

This international 5-day course on road safety and mobility issues was again held online, in July. It has excellent speakers, lots of examples from across Europe and beyond and ample networking opportunities. POLIS spoke at the closing module,

together with the European Commission's Coordinator for Road Safety and Sustainable Mobility. The presentation focused on The New Paradigm for Safer City Streets and its implications for policy, strategy and urban mobility planning and management, and organizational change.

Further information:

<https://www.roadsafetysummerschool.be/>

Cooperation on the International Level

To help delivery of the UN's and the EU's goals for Road Safety, and advance, within that framework, the perspectives, needs and priorities of local and regional authorities, POLIS is actively engaging with key global Road Safety stakeholders and advocates, through (1) the SUM4ALL Working Group for Road Safety, and (2) a new cooperation group involving iRAP (International Road Assessment Program), ITF (OECD's International Transport Forum), EIB (European Investment Bank) and EBRD (European Bank for Reconstruction and Development), among others.

Networking and Cooperation

To make sure our work in this field is relevant, POLIS staff kept on top of the game, actively networking, reaching out and making the most of speaking engagements. Stakeholders contacted include, among others, the European Commission, several POLIS members, several non-member European cities and research organisations, other networks of cities, regions and researchers, national and regional organisations, international organisations (e.g., ITF, UNECE, WHO's Healthy Cities Network Taskforce on Safe and Sustainable Urban Mobility, WHO's Programme for Violence and Injury Prevention, Regional Office for Europe, EURONCAP, Walk 21, International Federation of Pedestrians, European Transport Workers' Federation, etc.), stakeholders from the automotive and cycling industries, shared mobility operators (sharing cars, motorcycles, bikes and e-scooters), mobility planning and management companies and professionals, and start-ups with useful innovations looking for practical, European R&I projects and experts in security of public transport and public space.

Among the many speaking engagements, four stand out: Euro Safety - the annual conference of the European Association for Injury Prevention and Safety Promotion (Vienna, June); the World Urban Forum (Katowice, June); the Urban Mobility Days (Brno, September), and the ITF Safer City Streets Network meeting (Guadalajara, October).

Projects

i-DREAMS is setting up a framework for the definition, development, testing and validation of a context-aware '**Safety Tolerance Zone**' for driving, within a smart Driver, Vehicle & Environment Assessment and Monitoring System. POLIS' direct access to cities and local authorities, its strong link with stakeholders, and expertise in developing innovative technologies and policies for transport make sure technology research is replicated and upscaled to effective safety policies in cities. POLIS is in charge of the **User Advisory Board**, which helps the project gather sufficient data, knowledge, and experience on the development, testing and validation of the '**Safety Tolerance Zone**' for driving. In September 2022, POLIS organised the 3rd User Advisory Board meeting in Brussels to gather feedback on the project technologies – a real life demo of in-vehicle technologies was as well available. POLIS also contributed to the communication and dissemination of the project and distributed communication outputs related to the project. POLIS published the **second Policy Brief** looking at the policy potential of the i-DREAMS solutions in what relates to public authorities setting the example with their fleets.

Further information: <https://idreamsproject.eu>



ISA-FIT is a one-year project funded by EIT Urban Mobility. **Intelligent speed assistance** is one of the most promising Advanced Driving Assist Systems (ADAS) with a proven effect on speed reduction, the environment, road safety, and increased driver comfort. ISA is mandatory for new vehicles from 2022 and



to all new vehicles entering the European market from 2024. As vehicles are on average between 6 and 11.5 years old, it will take some time however before real effects can be expected. The ISA-FIT project therefore provides a solid all-in retrofit solution for urban environments to speed up the introduction of ISA for the benefit of drivers and other road users. A European strategy is being developed to scale-up ISA implementation focusing on cooperation with speed limit databases, deployment standards, and procurement strategies.

Further information: <https://isa-fit.eu/en-home/>

PRECINCT aims to connect private and public Critical infrastructure (CI) stakeholders in a geographical area to a common cyber-physical security management approach which will yield a protected territory for citizens and infrastructures. POLIS is mainly involved in the communication and dissemination activities of the project. POLIS also feeds the policy debate on the transport related security and infrastructure resilience aspects, bringing the findings and recommendations developed by PRECINCT into consultations and policy-making processes with the European institutions. This will ultimately lead to knowledge-sharing with POLIS members which can directly integrate project results in their own activities as cities/transport authorities. POLIS member Bologna is one of the Living Labs.

Further information: <https://www.precinct.info/>



2.5. Governance & Integration

The local and regional level is where many disruptive transport innovations are deploying, upscaling, flourishing and upending the mobility ecosystem. Strategic and proactive governance by public authorities is indispensable to channel the private sector's energy, capacity, and capital to serve the common good, accelerating the shift to sustainable urban mobility. This requires effective regulatory approaches which make sure that the current paradigm shift does not undermine sustainable mobility policy goals. In an evolving mobility landscape with increased involvement of private sector stakeholders, new public-private partnerships and business models will be instrumental. Other governance topics include Smart Cities, Sustainable Urban Mobility Plans, new financing mechanisms and citizen engagement strategies.



As urban freight can touch upon issues discussed across all the other pillars, it was decided to make it part of this pillar, given its integration focus and the multidimensional nature of governing urban freight transport.

This pillar also houses the Small and Medium-Sized Cities Platform and the Regions Working Group.

The Working Groups under this pillar are:

- **Governance & Integration Working Group**, chaired by Françoise Guaspere from Île-de-France Mobilités
- **Urban Freight Working Group**, chaired by Lola Ortiz Sánchez from the city of Madrid
- **SMC Platform**, chaired by Pieter Faber from the city of Emmen
- **Regions Working Group**, chaired by Wolf Engelbach from the region of Baden-Württemberg

Coordinator of the Governance & Integration Working Group

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Coordinator of the Regions Working Group

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2.5.1. Governance & Integration Working Group

The POLIS Working Group on Governance & Integration discusses key challenges faced by local and regional authorities when developing policies and strategies to accelerate the shift to sustainable urban mobility, improve equity and safeguard the public interest, and deal with cutting-edge innovation.

The **topics prioritised** in this Working Group are:

- disruptive innovations and their strategic implications on the local and regional level;
- new mobility services and Mobility as a Service (MaaS);
- public-private partnerships;
- data sharing;
- gender perspectives in urban mobility;
- launching, developing and implementing sustainable urban mobility plans (SUMP);
- leadership for change, including how to develop and implement politically sensitive measures;
- citizen engagement strategies and participatory planning;

- behaviour change, namely understanding the nature of behaviour and steering it in the direction of public interest, through regulation, nudging and communication;
- public opinion, policy framing and communication.

Working Group meetings and events

“Dealing with Disruption”, 1 April – hybrid, Brussels

The first meeting was held on the 1 April, and dedicated to **“Dealing with Disruption”**. It discussed three topics:

- **Deciding with Momentum**, about how cities can exploit the full potential of emerging mobility solutions. EU-funded project MOMENTUM developed a set of new data analysis methods, transport models and planning support tools, to capture the impact of new transport options on urban mobility, and help cities design the right policy mix. Project partners shared and discussed with POLIS members the potential of this tool.
- **Dialogue on the Fundamentals**, about how climate crisis alarms increase the pressure to decarbonise transport, and digital technologies feed an ever-growing variety of new mobility services. Members participated in a structured and facilitated dialogue, exploring and linking a collective vision, a just transition, and a public mission.
- **Dealing with Data**, which many in the transport sector (and beyond) are calling the “new oil”. Great opportunities abound, but great challenges too, for both the private and the public sector. Data sharing has the potential to improve policy making, but to realise that potential we must streamline specifications, prioritize purpose, and build capacity. We also need to adjust expectations: “data-driven decision making” is a very different challenge for the private sector and for the public sector.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-governance-and-integration/news/governance-integration-discusses>



Working Group meeting, “Data Sharing Fundamentals”, 12 December, online

The second meeting is scheduled for the 12th of December. It will take the shape of a 1.5-hour webinar, to discuss “**Data Sharing Fundamentals**”. Inside city and region administrations, decisions on this topic are directly and indirectly affected by several officials, some of which know a lot, and some of which know little. This webinar seeks to share relevant information with both types of officials: it will share fundamental information with those who know little (e.g., what are data specifications, why are they important, and which ones are most useful), and the latest developments with those who know a lot (e.g., the CDS-M data sharing protocol developed by Amsterdam).

Policy, Promotion & Partnerships

To feed its activities and discussions, and to keep up with the fast developments and profound changes happening within its scope, throughout 2022 POLIS staff conducted important outreach efforts, including several contacts with leading players in the shared mobility industry, researchers working on technological, business and policy innovation, and relevant stakeholder organisations. This outreach takes place through two methods: (1) surveys and (2) networking.

Survey on Regulating Shared Micromobility

To build on the work on the Working Group, feed further dialogue, and support the members, an online data survey was conducted in the early Summer of 2022. This survey enquires about how local authorities are regulating access to the market by, and operations of, shared micromobility services (i.e., bikes, e-bikes, and e-scooters). Two methods were deployed: an online survey to POLIS members and an extended list of other local authorities and operators, and interviews with privileged interlocutors for a series of six individual city cases studies (Berlin, Leuven, Lisbon, Paris, Stockholm, and Vienna). Field work

and data analysis have been completed, and the report will be published soon.

Networking and Influence

POLIS worked hard to capitalise on the work developed through this WG, and to ensure the needs and priorities of POLIS members are well known, understood, considered and supported by policy makers at the European and national levels as well as by private sector stakeholders. To this end, POLIS participated in working groups and task forces, spoke at several meetings and events, gave interviews to support several studies, wrote articles, and actively reached out and networked with practitioners, researchers, entrepreneurs, and other actors. This wide effort included contacting, among others, POLIS members, other cities with relevant practice in topics explored by the WG, leading researchers and consultants advancing studies and reports with strategic and or practical interest for POLIS members, EU-funded projects and partnerships, conferences and webinars, leading stakeholders from the private sector (including operators, data enablers, new business offerings with strategic potential for POLIS members, and established large players exploring ways into shared mobility), and other national and international organisations from the policy or research sectors.

Projects

ELTIS/SUMI2: POLIS is part of the current ELTIS/SUMI consortium led by Ricardo Consulting. POLIS contributed to the **ELTIS portal** with news items and case studies, which constitute a further opportunity to increase the visibility of POLIS members and projects. This included a case study on Flemish Road Safety, WeCount activity, POLIS' gender equality work news items on members including Barcelona, London, Amsterdam, Paris, Tallin and others, and a further case study on MORE project to follow soon. Compiling these articles has also been a good way to maintain contact with members about their activities and keep



apace of the projects they are running. A selection of news items is included in the ELTIS public monthly newsletter, which is sent to over 18,000 subscribers.

A dedicated **SUMI** (Sustainable Urban Mobility Indicators) Secretariat, acting as the central hotline for cities in Europe, also beyond the 100 cooperating cities which are mainly from the Climate-Neutral Cities mission, was established within POLIS. The acquisition of 100 cities to calculate the indicators started and update and improvement of the indicators is ongoing.

As part of the ELTIS/SUMI2 project, POLIS was also involved in the coordination, communication and practical organisation of the **Urban Mobility Days 2022**, which took place in Brno, Czech Republic on 20-22 September. The three-day event welcomed 526 participants on-site and another 969 participants online as the sessions were streamed. POLIS successfully set up a registration platform, sent out mailshots, organised the event website and led the weekly coordination meetings with all stakeholders. POLIS Secretary General Karen Vancluysen acted as the Master of Ceremony and POLIS staff and members were very active during sessions. The congress included a gala dinner, 5 site visits, plenaries, workshops, pitches, an exhibition area with 29 stands, and awards. For online participants, embedded streaming and Sli.Do questions and polls were foreseen. After the event, a feedback survey was held and the edited recordings, together with photos and speaker slides, were archived on the Eltis website.

Further information:

www.eltis.org,

www.eltis.org/in-brief/news/re-live-urban-mobility-days-2022

e-smartec: As part of Interreg Europe, e-smartec supports the development of efficient and successfully implemented mobility plans using sophisticated **marketing techniques**. POLIS is responsible for exploiting advanced marketing techniques to communicate the goals and outputs of the project. It also contributes to collecting successful good practices on the involvement of citizens and stakeholders on sustainability goals.

SUMI



In 2022, POLIS concluded its “Build the Engagement Strategy of a SUMP” e-course, which will stay active during the whole project. In addition, POLIS supported the wrap up of the regional Action Plans, now available on the e-smartec website. A final event is organised jointly with the MOBI-MIX project on 23-24 November.

Further information:

<https://www.interregeurope.eu/e-smartec/>

WE-TRANSFORM addresses the **impacts of transport automation on the workforce**. The objective of the project is to create a cross-national living hub as a knowledge and action platform, offering a path forward for smarter decisions, more innovative and evidence-based policymaking, through accountable and informed governance. POLIS oversees all communication activities and supports stakeholder engagement. In 2022, 8 thematic areas were defined to structure the approach of the project’s overall scope. POLIS is leading 3 of them, focused on the emergence of **gig-work**, the role of local authorities, and the role of human workers in **automated public transport**. In that framework, a series of interviews, focus group discussions and workshops were organised in 2022. Reports were prepared and are now gathered in an analysis deliverable to be submitted in February 2023. It will support the preparation of scenarios and political recommendations to be drafted in 2023. The next stakeholder forum workshop will be on January 19 in Brussels.

Further information: www.wetransform-project.eu.



MOBI-MIX improves the collaboration between public authorities and private smart mobility providers to more effectively implement **new, innovative shared mobility solutions**, ultimately resulting in an increase of low-carbon technologies. The project is led by POLIS member Rotterdam and comes to an end in December 2022. MOBI-MIX partners support the private sector to more effectively implement shared mobility solutions and **MaaS** solutions in 5 cities/regions,



including POLIS members Rotterdam and Mechelen. As part of the decision-making framework and with POLIS support, MOBI-MIX published an implementation guide to help cities with the **effective implementation of PPPs** in urban mobility and a similar guide for **governance models**. Together with the SOLUTIONS+ project, POLIS organised an online training about shared mobility, with good practices presented from both projects. POLIS also contributed to the development of the **Decision-Making Framework** and the final insight report on **data-driven policy making**. A final event is organised jointly with the e-smartec project on 23-24 November in Brussels.

Further information:

<https://www.interreg2seas.eu/en/MOBI-MIX>

REFORM 2.0 was an INTERREG Europe follow-up project to the previous REFORM project. It continued the successful approach of supporting the participating regions in their implementation and deployment process of **Sustainable Urban Mobility Plans (SUMP)s on a regional scale**, as an instrument for shifting mobility towards low-carbon patterns. POLIS members involved are CErTH/HIT and Transport for Greater Manchester (TfGM).

Further information: <https://www.interregeurope.eu/reform/>

SPROUT's main objective is to put cities at the centre of the urban mobility transition. By building on the solutions to urban mobility challenges – related to both passenger transport and urban freight logistics – developed by six pilot cities, the project produces new and practice-based knowledge and tools that contribute to an **evidence-based and innovative policy response to disruptive innovations** in mobility. POLIS member Budapest is involved in the project as pilot city, while POLIS members CErTH and TECHNION are involved as scientific partners. POLIS is leading on project outcomes validation, transfer & exploitation, and communication and dissemination activities. To enhance replication, the project also engages with nine validation cities and regions or '2nd layer cities', among them POLIS members Arad, Île-de-France, and Gothenburg.



Additionally, POLIS members Aarhus, Brussels, Gelderland, L'Hospitalet de Llobregat, Manchester and Noord-Brabant are engaged as '3rd layer cities'. In 2022, POLIS worked on different communication and dissemination activities, as well as on the transferability assessment of SPROUT pilots' innovative mobility solutions. POLIS conducted a transferability assessment of the mobility measures implemented in the SPROUT pilots between the SPROUT 1st layer cities and SPROUT validation cities using the TIDE transferability methodology. The results of this process can be found in **D5.1 Validation of the pilot results' wider applicability**. POLIS also wrote the **SPROUT city-led innovative policy response**. A **webinar** was organised in collaboration with the INDIMO project to foster the uptake of SPROUT's results. POLIS also co-organised the third and last Open Innovation Community clinic with project stakeholders, where project results were presented.

Further information: <https://sprout-civitas.eu/>

SUMP Award: POLIS organised the 10th SUMP Award in the framework of the EUROPEANMOBILITYWEEK (EMW), which was handed out to the Finnish city of Tampere during the annual EMW award ceremony in Spring. The Finnish city stood out due to its distinct goals related to health and safe mobility, which was the annual theme of the EUROPEANMOBILITYWEEK in 2021. Tampere underpinned its aims with strong KPIs related to health parameters, such as ambitious pollution reduction targets, which secured the first place in front of Madrid (ES) and Mitrovica South (XK).

The decision was made by DG MOVE to discontinue the SUMP Award after ten years. Main reasons were the mandatory implementation of SUMPs by all TEN-T urban nodes, as well as the fact that SUMPs are a well-established concept in urban mobility planning. The well-established award was replaced by the MOBILITYACTION Award, which aims to promote existing MOBILITYACTIONS that are submitted by non-state-actors throughout the year. For additional information, please read the



section about the new award under EUROPEANMOBILITYWEEK.

Further information: www.mobilityweek.eu/sump-award

Urban Transport Community (UTC) is an Interreg MED Programme initiative, bringing together 120 partners, with 1 horizontal project and 7 modular projects, concluding in December 2022. It aimed to promote sustainable urban mobility planning in the **Euro-Mediterranean** region as an effective tool to reduce carbon emissions and improve the quality of life of the population and the environment. POLIS provided support on policy leverage and the advocacy strategy. In May 2022, POLIS organised a **High-level Workshop** with the support of **Ignazio Corrao, Member of the European Parliament (Greens/EFA) and alternate member of the TRAN Committee**, and the participation of the **Mayor Durrës Emiriana Sako**. The workshop, titled **"Sustainable mobility solutions for a greener & better experience living and visiting the Mediterranean"**, took place online and in Brussels. With the support of an external expert, POLIS curated the publication of UTC's third policy brief addressing e-mobility in the Mediterranean by drawing up policy recommendations to contribute to the region's effort to decarbonise urban mobility and the transport sector. A policy brief addressing the matters of **tourism and mobility in the Mediterranean** was also published, as well as one dedicated on climate change. The **Mediterranean Mobility Forum** was organised as a final event, in Athens, on **October 25-26, 2022**, showcasing and capitalising the results of the initiative, including a selection of the most relevant products and deliverables it produced, as well as a training on e-mobility.

Further information:

<https://urban-transports.interreg-med.eu/>

www.polisnetwork.eu/news/urban-transport-community-successfully-wraps-up-its-first-high-level-workshop-in-brussels/



E-Mobility in the Mediterranean



2.5.2. Urban Freight Working Group

Working Group meetings and events

Working Group meeting - Joint event with the LEAD project LEAD project, 13 June - Madrid

The Working Group convened in Madrid to explore the challenges and opportunities brought by new tools and concepts including the adoption of **Digital Twins** in an urban environment. Members of the WG on Urban Freight gathered along with the members of the Advisory Board and Transferability Platform of the LEAD project.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/urban-freight-working-group-meets-madrid>



POLIS-ALICE Webinar series: Webinar #1 - "Combination of passenger and freight transport and combination of SUMP and SULPs", 8 April - online

POLIS Member Gothenburg, and Padova explored the importance of sustainable urban logistics plans, the relationship between national and local decision making for prioritisation of low emissions vehicles, procurement requirements and the capacities for physical and technological solutions for zero-emissions logistics. The webinar highlighted the ongoing and future activities undertaken under the Horizon 2020 EU-funded projects SPROUT and MOVE21.

Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/polis-alice-webinar-series-explores-combining>



POLIS-ALICE Webinar Series: Webinar #2 "Collaborative logistics", 23 May - online

POLIS and ALICE members convened to continue their collaboration on sustainable logistics and discussed the draft content of their joint document "Cities and Industries working together to accelerate transition towards efficient and

emissions free city logistics by 2030". The second POLIS-ALICE 2022 webinar gave the floor to the CULT initiative and the EU-funded project LEAD, with the aim to better understand the experience and applications implemented in the member city Madrid, among others.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/polis-alice-webinar-2-shows-cooperation-between>

POLIS – ALICE Webinar Series: Webinar #3 "Zero emissions Zones & logistics solutions", 8 July, online

The webinar aimed to facilitate the discussion between policy makers and logistics practitioners on **zero emission zones and logistics solutions**. The SURF project – with POLIS member cities Ravenna and Aarhus – was in the spotlight and presented the results achieved by the instant projects funded by the Environment Defense Fund.

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/polis-alice-webinar-zero-emission-zones-and>



POLIS – ALICE Webinar Series: Webinar #4, "Construction logistics in urban areas", 27 October - online

The 4th appointment of the series shared best practices and raised awareness to policy makers and logistics practitioners on how to reduce negative impacts of **construction logistics**. POLIS and ALICE members heard about:

- construction logistics as part of urban development – how to decrease emissions and disturbances through collaborative planning;
- the impact of a consolidation hub for building materials on the logistics towards construction sites;
- the results achieved by the Smart Track for Waterways (ST4W) project;
- connecting waterways with logistics in urban areas.



Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/polis-alice-webinar-series-returns-making>

POLIS – ALICE Webinar Series: Webinar #5, “Urban space and dynamic curbside management”, 22 November - online

This webinar invited the MORE and Flexcurb projects to share their findings, aiming to facilitate more collaboration between local authorities and logistics operators/business to make better use of urban space, not only for efficiency of urban freight transport but also for better competitiveness of business and quality of life for citizens.



Further information:

<https://polisnetwork.civi-go.net/working-groups/working-group-urban-freight/news/polis-alice-webinar-explore-urban-space-and-dynamic>

Policy, Promotion & Partnerships

Members databases

To facilitate the exchange of experiences among members and provide useful information and opportunities in the field of urban freight, the POLIS Secretariat continuously updates two databases:

- **Cities & Regions Database:** overview of (not only) POLIS cities and regions' information about urban freight plans, strategies and measures in place, areas of expertise, involvement in European projects, etc. This helps local authorities to learn from each other's good practices at a glance.
- **UF projects Database:** overview of EU urban freight projects, opportunities for participation (including T&A costs reimbursement for workshops, site visits and meetings), and key reports and information.

Clean Trucking Alliance

POLIS is part of the European Clean Trucking Alliance (ECTA), an Alliance including around 25 leading companies focused on creating demand and advancing **ZE freight**. POLIS supports the activities of the alliance, in particular for what concerns electrifying urban logistics, and it is a member of the ECTA policy cluster.



Further information: <https://clean-trucking.eu/>

Transport Decarbonisation Alliance

POLIS is a TDA partner organisation. Through its **Community of Interest (CoI) on urban freight**, the Transport Decarbonisation Alliance (TDA) aims to move towards more zero emission freight vehicles. The CoI urban freight has tri-weekly calls, with optional presence at TDA high level events (annual meeting, COP, ITF). POLIS has been one of the authors of the updated TDA Guide “Zero-Emission Zones in the City: Don’t Wait to Start with Freight!”, building on the first version that was published in 2020. The guide presents experience and advice on developing a zero-emission zone for freight, from public and private-sector representatives around the world. The publication has been coordinated by the Transport Decarbonisation Alliance (TDA), C40 and POLIS, and realised with inputs from various authors from California Air Resources Board, CALSTART, Concito, Freight Matters, ICLEI, Transport Research Lab (TRELab), WRI. POLIS members Madrid and Bologna contributed and added new inputs. The update of the TDA Guide will be launched at the end of 2022 or beginning of 2023.



Further information:

<https://www.polisnetwork.eu/news/how-to-guide-zero-emission-zones-freight/> (second version not available yet)

POLIS-ALICE strategic dialogue

POLIS and ALICE continue to reinforce the established **public-private strategic dialogue to accelerate the deployment of sustainable city logistics solutions**. The vision of this group is

to lead transformation in cities so that urban freight and logistics is proactively responding to the pollution, congestion, safety and environmental challenges. The objective is to ensure a robust strategic public-private dialogue to share practices and facilitate collaboration models between cities and industry to prioritise topics and accelerate the deployment of solutions towards a cleaner and sustainable urban freight transport. At the POLIS Conference 2021 in Gothenburg the joint Guide **“Cities and Industries working together to accelerate transition towards efficient and emissions free city logistics by 2030”** was officially presented and launched. The Guide identifies five specific areas for intervention:

1. Smart Governance & Regulations,
2. Clean & alternative fleets,
3. Urban Freight & Logistics Operations,
4. Purpose Oriented Data Acquisition and sharing,
5. Consumer engagement.

This document represents a synthesis of the perspectives of local authorities and companies, both POLIS and ALICE members, that have been involved in the POLIS-ALICE strategic dialogue since 2018.

Other activities

- Raffaele Vergnani moderated a session titled “Working with cities and regions to reduce long term costs of sustainable fleet development”, bringing also the POLIS’ perspective on urban freight at the **HOME Delivery World Europe 2022** in Amsterdam on 22 June.
- Raffaele Vergnani pitched the MOVE21’s Scan-Med Observatory at the **Connecting Europe Days** in Lyon in June, highlighting – among other things - the potential contribution that the POLIS members of the WG on Urban Freight could bring into this process, to close the gap between TEN-T implementation and urban nodes at policy level.



- Raffaele Vergnani moderated the workshop **“Waterways and urban logistics: How can regulations better interconnect the modes?”**, organised by POLIS along with Multitel and CIRCOE as a dissemination event of the EU-funded Smart Track 4 Waterway (ST4W) INTERREG project on 4 July. During the workshop it was discussed how inland waterway transport can be an alternative **and sustainable** solution for urban freight. POLIS members Amsterdam, Rotterdam, Ghent pitched their efforts in this sense.

Further information:

<https://www.polisnetwork.eu/event/st4w-workshop-on-inland-waterway-transport/>

- On 1 June 2022, the workshop series **"Countries and regions initiatives supporting zero emission road freight and logistics"** was launched. This series was born from a collaboration between EMEurope and ALICE and supported by POLIS. In each workshop of the series, a country and/or region will present the incentives available and strategies to foster zero emission road freight and logistics. The first countries and regions sharing their programme were Austria, Sweden and Italy.

Projects

FLEXCURB aims to transform the curbside through flexible use and management so that curb space can be shared and optimised to cater to different needs. FlexCurb is a package of digital tools that helps cities and logistics companies pilot and scale dynamic curb zones. It will help cities to offer only the parking needed, minimise double parking and improve street safety and land use while supporting better operations for logistic companies. POLIS was responsible for assessing the needs of cities in moving into a flexible use and management of the curbside. It organised joint meetings, interviews and questionnaires with POLIS members Leuven and Toulouse and the cities of Strasbourg and Funchal to translate cities' realities and needs into the digital tools being developed. These activities



will allow a later, more efficient, and more straightforward adoption process for cities beyond the project.

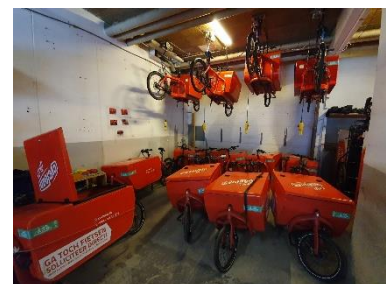
Further information:

<https://www.eiturbanmobility.eu/projects/flexcurb/>

LEAD is creating **Digital Twins** of urban logistics networks in six cities, to support experimentation and decision-making with on-demand logistics operations in a public-private urban setting. The project is led by POLIS member EMT Madrid and BKK Budapest is involved. POLIS leads the communication, dissemination, and uptake actions. On 3 & 4 March, POLIS co-organised, with TU Delft, the workshop “Futureshop: Hyperconnected city”. It took place in Delft, followed by a site visit to the activities being developed in the Hague’s living lab. On 13 June, POLIS’ Urban Freight working group convened in Madrid, for a joint event with LEAD. It was exceptionally open to members of the LEAD Advisory Board and Transferability Platform, to further exchange and network with POLIS members on ongoing activities and projects dealing with urban logistics. This meeting was a chance to explore the challenges and opportunities these have brought, exchanging on the way forward- including the adoption of Digital Twins in an urban environment. POLIS is also coordinating a **Massive Open Online Course** on *Unlocking the potential of Digital Twins for sustainable on-demand urban logistics* to be launched early 2023. It will touch upon the following topics: urban freight & on-demand last-mile logistics; living labs for urban freight and digital twins modelling, simulation, and data for urban freight. It will be hosted on an online platform and will consist of video lectures, complemented by reading materials, exchanges with students and exercises.

Further information: www.leadproject.eu

NEXTETRUCK (Efficient and affordable Zero Emission logistics through NEXT generation Electric TRUCKs) is a new three-and-a-half-year Horizon Europe project that started in July 2022. It contributes to **zero-emission vehicles and ecosystems** that



are holistic, innovative, affordable, competitive, and synergetic. The project builds concepts tailored for regional medium freight haulage with at least 10% increase of energy efficiency compared to existing highest-end benchmark electric vehicles. In addition, it prepares a concept and infrastructure demonstrator for **fast charging**. It also deploys 3 real-case demonstrations in Istanbul and in POLIS members Barcelona and Utrecht. POLIS kicked off the communication and dissemination activities and tools in 2022 and contributed to the stakeholder analysis and production of deliverables.

Further information:

<https://www.polisnetwork.eu/project/nextetruck/>

ST4W (Smart track for Waterways) was an EU Interreg North-West Europe project looking into management solutions for **shipment by inland waterway transport**, providing small stakeholders a simpler and cheaper access to secure data, and enabling them to share a hierarchical track & trace service of shipment at logistics unit level. The project ran until September and concluded with capitalisation activities in its extended phase to better connect inland waterway transport with multimodal last-mile logistics. The aim was to target new stakeholders e.g. city logistics operators and urban planners, and generate new opportunities for the IWT value chain, with new partners and results from other Interreg projects (e.g. IWTS2.0, CCP21). The testbeds included several POLIS members: Brussels, Ghent, Liège, Lille, and Paris. POLIS created links between the urban freight stakeholders and logistics operators, and brought the sustainable urban freight perspective into the project. POLIS organised a dissemination workshop on 4 July in Brussels. The workshop titled “Waterways and urban logistics: How can regulations better interconnect the modes?”– hosted by POLIS and co-organised with CIRCOE, MULTITEL, was primarily addressed to cities and administrations that wish to learn and share successes and challenges and develop strategies that better interconnect urban multi-modal logistics. The project was also showcased in one of the POLIS – ALICE



webinar series, notably the 4th one titled “Construction Logistics in Urban Areas more Sustainable” on 27 October. The project ended with the Final Conference on 17 September, hosted by HAROPA Ports de Paris in Gennevilliers (France).

Further information:

<https://www.nweurope.eu/projects/project-search/st4w-smart-tracking-data-network-for-shipment-by-inland-waterway/#tab-4>

SURF (Sustainable URban Freight) was a collaboration between POLIS and the Environmental Defense Fund Europe - the project sponsor. SURF focused on the design and implementation of Zero-Emission Zones for freight (ZEZ-Fs), to develop a vision and strategy pathway for sustainable freight. It built upon the How-to Guide on Zero-Emission Zones for Freight, a joint effort of POLIS, TDA and C40 Cities. It was broken down into two main parts:



- **Capacity Building:** an online e-course with 60+ participants, featuring more than 20 video lectures and interviews of experts and practitioners;
- **Instant Projects in the following cities and areas:**
 - **Karditsa**, Greece: plan for a Cargo Bike Sharing system to deliver from cafes/restaurants to customers. The project activities include interviewing businesses, training employees on e-bikes and collecting data on routes and distances travelled;
 - **Ravenna**, Italy - Stakeholder Engagement. Through meetings and surveys, this project built a Freight Quality Partnership (FQP) with important stakeholders whose participation is crucial for successful ZEZ-F implementation;
 - **Aarhus**, Denmark - Freight Master Planning: This Instant Project developed a site-specific plan to handle logistics in Aarhus H, an area which includes ongoing development plans around the city's central train station. Calculating

CO2, conducting interviews and running delivery trials helps creating a plan for fewer and more consolidated logistics movements.

SURF's final outcomes include a Final Report collecting lessons learned, conclusions, and findings and a Community of practice listing all the project contributors and experts presenting in the e-course.

Further information:

<https://www.polisnetwork.eu/surf/>;

<https://www.polisnetwork.eu/project/sustainable-urban-freight/>

URBANE (Upscaling Innovative Green Urban Logistics Solutions Through Multi-Actor Collaboration and Physical Internet (PI) - Inspired Last Mile Deliveries) is a new three-and-a-half-year Horizon Europe project that started in September 2022. It tackles the negative trends associated with last-mile deliveries by supporting the transition towards effective, resilient, safe, and sustainable transport. URBANE's goals are part of the wider EC goals for **zero-emission last-mile deliveries**, as components of the European Green Digital Coalition and the European Climate Pact. It is also part of the CIVITAS Initiative "Urban logistics" thematic area, aiming to make sustainable and smart urban mobility a reality for all in Europe and beyond. URBANE has four Wave 1 Living Labs, two Wave 2 Living Labs, and six early adopters. Amongst them, POLIS members involved include Bologna, Barcelona, Aarhus, La Rochelle, Mechelen, Prague, and Ravenna. POLIS is in charge of the communication and dissemination activities. It also organised the first stakeholder event, in tandem with the POLIS Annual Conference 2022.



Further information: atsiligiannis@polisnetwork.eu

2.5.3. SMC Platform

Small and medium-sized cities (SMCs) are living laboratories for innovation. Due to their size, SMCs offer an ideal ground for testing and implementing new transport technologies and services that are crucial to solve the most pressing mobility challenges. Within the POLIS SMC platform, SMCs discuss mobility governance issues that are specific to their size and shape. The Coordination of the Platform has been taken over by Isobel Duxfield, Communications and Membership Manager at POLIS. During the SMC session at the 2021 AGA, some priority topics were identified by POLIS members:

- **Zero-emission urban freight:** Zero-emission freight zones and zero-emission freight solutions for SMC's;
- **Urban nodes for SMCs:** how can we involve our SMCs in this discussion? What are the needs for cities and how to connect them to the main network?;
- **Funding:** SMCs post COVID – How to make the most of the recovery funds;
- **Shared mobility:** improving access to last-mile solutions, complementing the gaps in mass transit.

Working Group meetings

Working Group meeting, 23-24 May – Emmen / Groningen

A WG meeting took place in person in Groningen and Emmen across 23-24 May to discuss the **role of smaller municipalities in achieving a sustainable and smart mobility future**. This was a joint effort between POLIS and the working group chair, Emmen, as well as the city of Groningen, bringing together SMCs, regions and members of the mobility sector. The first day took place in Emmen before delegates travelled to Groningen to examine several pilot projects and examine the city's approach to street space reallocation. Discussions took the form of presentations and round table discussions on: Urban nodes, financing, shared mobility and climate ambitions. There were



SMC Platform Meeting | Emmen & Groningen | 23-24 May, 2022

also a range of site visits to hydrogen, active travel and logistics pilots and projects across both cities.

Further information: <https://polisnetwork.civi-go.net/working-groups/smc-platform/news/smc-platform-convenes-again>

SMC Ambassadors Initiative

At the initiative of SMC Chair Emmen, a **political dimension** was added to the SMC platform. At the meeting this year in May, Vice Mayors of Groningen and Emmen joined to reassure their commitment to this. The **SMC Ambassadors Initiative** invites political representatives from SMCs to endorse the objectives of the SMC Platform by signing a declaration. It called upon the SMC's to cooperate and exchange knowledge and experiences on:

- **Deployment:** match-making between SMCs to share knowledge & best practices on new urban mobility solutions for SMCs and their surroundings;
- **Promotion:** using POLIS to promote SMC accomplishments and innovations to other cities to position SMCs to the outside world as excellent living labs for innovation;
- **Challenges:** discussing common challenges inherent and specific to small and medium-sized cities; and foster the pivotal position of SMCs within Europe's urban mobility ecosystem. More cities are invited to join the platform as SMC and become the ambassadors of the platform.

Further information:

www.polisnetwork.eu/news/polis-launches-smc-ambassadors-initiative/

2.5.4. Regions Working Group

During the 2020 Annual General Assembly, it was suggested by some members, that it would be good to establish a dedicated POLIS Working Group, bringing together the regional members of the network. POLIS member Baden-Württemberg volunteered to lead such a new Working Group.

Over the last year, this working group has progressed, meeting three times this year. These were devised from the priority topics noted by working group members at last year's AGA which included: navigating the municipal vs national levels, road traffic management, public transport and shared mobility integration, tourism and more.

Working Group meetings and events

Working Group meeting, "Public transport: Not just a challenge for cities", 23 March - online

The Regions working group convened to explore the **centrality of public transport** in creating sustainable and inclusive mobility; examining new governance concepts, technologies, multimodal integration, and financing frameworks which are transforming regional transport, while identifying the challenges faced in their deployment. It provided a forum for comprehensive discussion between POLIS member regions from Germany, Italy, Norway, the Netherlands- and beyond.

Further information: <https://polisnetwork.civi-go.net/working-groups/regions/news/public-transport-not-just-challenge-cities>



Working Group meeting, SUMPs on a regional level, 27 June - Brussels

The Regions Working Group met at the Baden Württemberg Representation in Brussels. The meeting was a chance for regions beginning to embark on **SUMP** and those further along in the process to gain insights and lessons learnt from peers and experts. We heard from POLIS members from across Europe; the Slovenian Urban Planning Institute (UIRS), the Regional Development Agency of the Ljubljana urban region,



FrankfurtReinMain region and Flanders as well as Baden-Württemberg.

Further information: <https://polisnetwork.civi-go.net/working-groups/regions/news/sumps-are-not-just-cities-say-participants-polis-regions-working-group>

Working Group meeting, "Commuter traffic planning and demand management", 14 October - online

The Regions Working Group met virtually to explore the way forward in **commuter traffic planning and enhanced demand management**. From Barcelona's LEZ to the Brussels Region's SmartMove project to Vlaams Brabant's regional spatial policy, with a little help from the Dynaxibility4CE project, we examined how regions are - and can further - guide sustainable commuter flows. Participants explored experiences developing and scaling up Low Emissions Zones and congestion charging, as well as approaches to regional cooperation models and enhancing alternative modes of travel.

Further information: <https://polisnetwork.civi-go.net/working-groups/regions/news/commuter-traffic-planning-and-demand-management-regions-working-group>

Commuter traffic planning and demand management: the Regions Working Group convenes!



3. European Projects

3.1. New Projects in 2022

POLIS became involved in 13 new projects, involving 26 POLIS members in 2022:

- **SCALE - HORIZON-CL5-2021-D5-01-03 - System approach to achieve optimised Smart EV Charging and V2G flexibility in mass-deployment conditions (2ZERO)**

POLIS members: Utrecht, CETH, Gothenburg

- **NEXTETRUCK - HORIZON-CL5-2021-D5-01-01 - Nextgen vehicles: Innovative zero emission BEV architectures for regional medium freight haulage (2ZERO)**

POLIS members: CETH, Reference group

- **LENS - HORIZON-CL5-2021-D5-01-06 - Assessment of noise and particle emissions of L category vehicles from real driving conditions**

POLIS members: IFPEN, Reference group, Flanders, Paris as test zone

- **TRA 2024 - HORIZON-CL5-2021-D5-01-17 - Support for dissemination events in the field of Transport Research**

POLIS members: National Road Authority Ireland involved as co-host TRA

- **FLEXCURB - EIT-UM - Testing Curb Side Management Applications for Urban Freight Logistics**

POLIS members: Leuven, Toulouse

- **ISA-FIT - EIT UM - Testing ISA retrofit solutions**

POLIS members: Helmond

- **URBANE - HORIZON-CL5-2021-D6-01-08 - New delivery methods and business/operating models to green the last mile and optimise road transport**

POLIS members: Mechelen, Bologna, Ravenna, Barcelona, CERTH, Aarhus

- **PHOEBE - HORIZON-CL5-2022-D6-01-06 - Predictive safety assessment framework and safer urban environment for vulnerable road users**

Members involved through stakeholder activities

- **SMALL (Interreg NSR) – Shared Multimodal Mobility For ALL**

POLIS Members involved: MPACT, Vervoerregio, Ghent, demonstration in Gothenburg

- **ShareDiMobiHub (Interreg NSR) - multi-modal accessibility through shared mobility hubs**

POLIS members: Utrecht Province, NPRA, Amsterdam, Rotterdam, MPACT, Autodelen, Leuven, Vervoerregio Amsterdam

5 more Horizon Europe projects were accepted in the course of 2022, to start early 2023, involving 20 POLIS members.

- **eBRT2030 - CL5 2022 D5 01 10: New generation of full-electric urban and peri-urban Bus Rapid Transit systems to strengthen climate friendly mass transport: e-BRT**

POLIS members: demonstrations in Barcelona, Amsterdam, Eindhoven, Prague, CERTH

- **ESCALATE - HORIZON-CL5-2022-D5-01-08: Modular multi-powertrain zero-emission systems for HDV (BEV and FCEV) for efficient and economic operation (2ZERO)**

POLIS members involved through stakeholder activities

- **STRENGTH_M - HORIZON-CL5-2022-D5-01-04 Stimulating Road Transport research and innovation dissemination and implementation in Europe and around the World**
- **GreenLog - HORIZON-CL5-2021-D6-01-08 - New delivery methods and business/operating models to green the last mile and optimise road transport**
POLIS members: Catalunya/Barcelona, Leuven, Ghent, Mechelen, Arad
- **UPPER - HORIZON-MISS-2021-CIT-02-02: Unleashing the innovation potential of public transport as the backbone of urban mobility**
POLIS members: Île-de-France, IFPEN, Rome Mobility Agency, NPRA, BKK, Lisbon/Carris, Leuven, CETH, OSETH

Tenders granted in 2022

- **SUMP in Turkish Cities:** Capacity building, European Mobility Week support
- **SUMP IZMIR:** Communication support, exchange with European cities
- **ELTIS / SUMI tender:** Organisation of the Urban Mobility Days, SUMI indicators deployment (secretariat and support)

3.2. Proposals in 2022

In 2022, POLIS engaged in the second call under the Horizon Europe Framework Programme. Next to the successful outcomes mentioned above, the following call topics were addressed by POLIS, either with a negative (10 proposals) or with a 'ranked' reserve list (7 proposals) outcome.

- **HORIZON-CL5-2022-D6-01-04 - Integrate CCAM services in fleet and traffic management systems (CCAM Partnership)**

- HORIZON - CL5-2022-D6-01-01 - European demonstrators for integrated shared automated mobility solutions for people and goods (CCAM Partnership)
- HORIZON-CL5-2022-D6-01-05 - Artificial Intelligence (AI): Explainable and trustworthy concepts, techniques and models for CCAM
- Erasmus Sports call – Encouraging healthy lifestyles for all / the promotion of sport and physical activity as a tool for health
- DIGITAL-2021-CLOUD-AI-01-PREP-DS-MOB - Data Space for Mobility
- HORIZON-CL6-2022-GOVERNANCE-01-08 – Uptake and validation of citizen observations to complement authoritative measurement within the urban environment and boost related citizen engagement
- HORIZON-CL5-2022-D5-01-13 - Digital aviation technologies for new aviation business models, services, emerging global threats and industrial competitiveness

At the moment of reporting, POLIS is awaiting results for the following submitted project proposals:

- HORIZON-CL5-2022-D2-01-11 - CIVITAS 2030 – Coordination and support for EU funded urban mobility innovation
- HORIZON-CL5-2022-D6-02-05 - Advanced multimodal network and traffic management for seamless door-to-door mobility
- HORIZON-CL5-2022-D6-02-04 - Accelerating the deployment of new and shared mobility services for the next decade
- HORIZON-CL5-2022-D6-02-03 - Urban logistics and planning: anticipating urban freight generation and demand including digitalisation of urban freight
- HORIZON-MISS-2022-CIT-01-01 - Designing inclusive, safe, affordable and sustainable urban mobility
- HORIZON-CL5-2022-D6-02-01 - Fast Track Innovation and Uptake U-space and Urban Air Mobility

- HORIZON-SESAR-2022-DES-ER-01-WA2-4 - ATM application-oriented Research for U-space and urban Air Mobility
- HORIZON-SESAR-2022-DES-ER-01-WA1-3 - Fundamental Science and Outreach for U-space and Urban Air Mobility
- HORIZON-SESAR-2022-DES-ER-01-WA1-5 - Fundamental Science and Outreach for Multimodality and Passenger Experience

In addition, POLIS answered to calls under Interreg Europe, Interreg Med and NSR calls.

Altogether, this means that POLIS – in addition to the successful projects mentioned above, became involved in 43 proposals (27 still awaiting evaluation), with 49 unique members involved (97 member entries). Under Horizon Europe specifically, results are expected late 2022, early 2023.

Further information: icre@polisnetwork.eu

3.3. Horizon Europe partnerships

As a partner, POLIS actively engaged in the HORIZON EUROPE CCAM and 2ZERO partnerships in 2022. It also established a working relation with the Driving Urban Transition Partnership – in view of their project programme on the 15-minute city.

CCAM

CCAM promotes and facilitates pre-competitive research on **Connected, Cooperative and Automated Mobility** (CCAM) within the European Research Area, by bringing together the different actors of the CCAM value chain. The Association focuses on the **coordination of research and innovation activities** in the field of CCAM at European and at international level, to harmonise European R&I efforts to accelerate the implementation of innovative CCAM technologies and services.

To reach this objective, the CCAM Association engages in a **co-programmed partnership** with the European Union. It collaborates with the European Commission for the implementation of **European framework programmes on research, innovation and demonstration**. This public-private partnership is called Connected, Cooperative and Automated Mobility, in short “CCAM”.

2ZERO – Towards zero-emission road transport

This partnership sets an ambitious **research programme to accelerate the development of zero tailpipe emission transport** in Europe with a systems approach. It develops a common vision and delivers a multi-stakeholders roadmap for a **climate neutral and clean road transport system**. It aims to improve air quality, mobility and the safety of people and goods, hence ensure future European leadership in innovation, production and services. By paving the way to a climate-neutral road transport system, the partnership will make a key contribution to the success of the European Green Deal.

3.4. New Horizon Europe opportunities

POLIS is keeping a close look at different funding opportunities, and regularly informs its members about interesting call topics under various programmes (Horizon Europe, UIA, Interreg, etc.). This information is shared through Infopolis, the POLIS members area funding section and direct mailings of the POLIS project opportunities document.



Further information:

Ivo Cré, icre@polisnetwork.eu,

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3.5. ERTRAC

POLIS continued its involvement in **ERTRAC**, the European Road Transport Research Advisory Council, which provides advice to the EC on road transport research priorities, feeding into the Research and Innovation funding programmes.



POLIS co-leads the ERTRAC Urban Mobility Working Group. In 2022, this Working Group focused on the development of two discussion papers (Mobility in the 15-minute city, and Light Electric Vehicles for Urban Mobility) preparing for the establishment of a new Urban Mobility R&I Roadmap in 2023.

As part of the disseminations task of the FUTURE HORIZON support action for ERTRAC, which are led by POLIS, the ERTRAC website was completely refreshed, offering a simplified interface to the user. POLIS also gathered information to create new Success Stories for 12 EU projects related to road transport research. The Success Stories were published for TRA 2022. A dissemination strategy around 4 Fact sheets on road transport research was also developed.



Further information: www.ertrac.org

4. Policy

A key component of POLIS' mission is articulating the perspectives, addressing the needs and advancing the potential of its members at the European level, through dialogue and cooperation with policy makers from the European Council, Commission and Parliament, and with advocates and stakeholders for other relevant interests. Policy activities related to the respective thematic POLIS pillars are listed in the thematic pillar overviews of activities under Chapter 2 of this report, in the respective Policy, Promotion & Partnerships sections. In this chapter, we report on the overarching efforts.

Coordinators of the policy activities:

Ivo Cré, icre@polisnetwork.eu

Pedro Homem de Gouveia, pgouveia@polisnetwork.eu

During 2022, efforts on the Policy front were primarily directed towards:

- **Growing and consolidating POLIS' policy groups**, namely the **POLIS Political Group**, which convenes elected officials with the mobility portfolio at the local and regional level, e.g., regional ministers and deputy mayors, and the **Brussels Bubble Band**, which convenes policy officials representing POLIS members in Brussels, and the **Leadership Summit**, launched to bring together leading stakeholders from the public and private sectors;
- **Upgrading the "lobbying infrastructure"**, by diversifying, growing and consolidating cooperation networks with key policy stakeholders, within and beyond the transport sector (European Commission, European Parliament, Committee of the Regions, and several non-profit and for-profit organisations);

- Acting on **'hot topics'** in the European Union's policy agenda with a long-term strategic perspective and messages framed accordingly.

One central understanding presided on all policy efforts, and will remain a priority moving forward: (I) the European Union must **accelerate the shift to sustainable urban mobility**, (II) **local and regional governments** and transport authorities **hold the keys** to several critical changes, (III) they must be supported by a **concerted effort across all scales of European governance**, to (IV) shape a mobility system that, to become truly **sustainable**, must also become **multimodal, safe and equitable**.

This concerted effort is critical to enable the development of options and decisions that are socially and politically viable. Political courage is indispensable, but political risk must be acknowledged and mitigated, if we are to accelerate the diffusion and uptake of sustainable urban mobility policies across all of the European Union's local and regional governments.

Meetings

POLIS Political Group

The **mission** of this Political Group is to foster direct communication and cooperation between elected officials with the Mobility portfolio at the local or regional level, to (1) discuss common challenges, (2) shape strategies and messages, and (3) interact with high-level representatives from European institutions to voice concerns, call for support, and highlight the crucial role of cities and regions.

It focuses on topics where **political input is essential**, and provides political officials with a safe environment for frank

discussions of successes and difficulties, opportunities and threats to advancing sustainable mobility at the local level.

The POLIS Political Group has become an active channel to consult members on key policy action, offer a confidential environment for peer-to-peer exchange among political leaders, and to provide relevant information to high-level decision makers. It now has a consolidated membership listing, and during 2022 we also worked to bring in the few POLIS members not yet represented.

[POLIS Political Group meeting, hosted by Deputy Mayor David Belliard, City of Paris, and Laurent Probst, CEO Île-de-France Mobilités, 18 March, Paris](#)

The Group had a very successful meeting in Paris, co-organised with the Ville de Paris and Île-de-France Mobilités, and with the support of Autonomy, which hopefully will set the standard for the following meetings. More than 40 high-level political officials participated, including a representative of the Cabinet of the European Transport Commissioner. The Group discussed the following topics:

- Making our Streets Safe, Sustainable and Fair for All;
- Shaping & Communicating Transformational Transport Policies;
- A new Urban Mobility Framework for Europe;
- A new role for cities in the TEN-T network;
- The Climate Neutrality Challenge.

Further information:

<https://polisnetwork.civi-go.net/working-groups/policy-lobbying/news/polis%E2%80%99-political-group-summit-paris-leadership-rules>



POLIS Political Group meeting, hosted by Minister Elke Van den Brandt, Brussels Region, 1-2 December, in conjunction with the POLIS conference

The Brussels meeting will discuss policy communication and inclusive mobility, and include an exclusive meeting with high level EU officials from the European Parliament, the European Commission and the Committee of the Regions.

Brussels Offices Group

The meetings with the policy officials representing POLIS members in Brussels, also known as the Brussels Bubble Band, have 3 simple goals: (1) inform, (2) exchange and (3) cooperate on 'hot topics' in EU Urban Mobility Policy. We strive to keep these meetings structured, rich, interactive, useful and straight-to-the-point.

This group now has a consolidated, updated and growing membership listing.

Brussels Bubble Band meeting, 21 January, online

The first meeting was held online, on 21 January, to discuss the European Union's new Urban Mobility Framework. Over 50 participants had the opportunity to listen to, and interact directly with, the European Commission's Deputy Head of Unit for Research and Innovation (and Urban Mobility) at DG MOVE, Isabelle van Doorne.

Further information: <https://polisnetwork.civi-go.net/working-groups/policy-lobbying/news/new-urban-mobility-framework-members-questions-answered>

Brussels Bubble Band meeting, 27 October, Brussels

The second meeting was held on-site (with no hybrid option) at the POLIS Office on 27 October, and provided members with an extensive and detailed update on key policy topics, with presentations by Policy Director Ivo Cré (on TEN-T, UVAR, Research and Innovation etc.), Project Manager Raffaele

The Brussels Bubble Band meets again

© 2019/2020 - 0000
N. Working Group on clean vehicles and air quality, Working Group on traffic efficiency, Working Group on governance and integration,
Policy & Lobbying
A. Working Group on research and innovation



After two years of online discussion, the representatives of POLIS members in Brussels met in person for the Brussels Bubble Band. Hot policy developments and fresh lobbying insights were served, to the tune of Sustainable Urban Mobility needs.
The meeting was a chance for members to find out more about key topics in EU urban mobility policy, and

Vernani (on urban freight), Project Manager Pedro Gomes (on air quality and clean vehicles), and Project Manager Laura Babío (on data, the ITS Directive, and multimodal digital mobility services).

Further information: <https://polisnetwork.civi-go.net/working-groups/working-group-governance-and-integration/news/brussels-bubble-band-meets-again>

Along the year, several one-on-one meetings were conducted with members, to better understand priorities, needs and opportunities.

POLIS Leadership Summit

The first POLIS Leadership Summit on 8 June was co-organised with the City of Glasgow, with three goals in mind: (1) enable intense knowledge exchange, (2) foster peer-to-peer cooperation, and (3) feed the development of a message to the COP27 on the next steps to be taken at the global level toward a successful decarbonisation of transport in our cities and regions. The Summit brought together almost 100 participants, mostly leaders from the public sector (from local, regional and national levels) and the private sector, both non-profit advocates and researchers, and for-profit mobility companies. Topics discussed included:

- The big picture: How can we embed local action into global processes?;
- Climate Ambitions in Cities & Regions;
- Empowering Cities & Regions;
- The Road to Recovery & Resilience;
- The Just Transition;
- Enabling Innovation.

The Summit was preceded by the Workshop “Research in Action”, which brought together researchers and leaders, to discuss how best to cooperate.



In short: the Leadership Summit was launched successfully, proved very useful, and preparations for the next Summit (planned for Stockholm in early June, coinciding with the Swedish Presidency of the EU) are already underway.

Further information:

<https://polisnetwork.civi-go.net/working-groups/policy-lobbying/news/all-hands-deck-polis%E2%80%99-leadership-summit>

Networking, Alliances, and Platforms

Networking, dialogue, and (as much as possible) cooperation are indispensable ingredients of POLIS' work on Policy. We have been systematically reaching out to organisations that, directly or indirectly, can support our policy efforts. Specifically, we have been (1) trying to establish new connections with organisations working on topics where transport is important, e.g. labour, public health, and have also been (2) systematically reaching out to Members of the European Parliament, the Committee of the Regions, and other European Commission DGs.

This sustained expansion of our Policy reach has been advanced through one-on-one meetings and the active participation (as much as possible through programmed presentations and panel interventions) in several meetings, workshops and conferences.

Policy work is also advanced within the following platforms:

- Electromobility Platform for EV deployment,
- Informal platform on Safe and Sustainable Mobility,
- CEF coalition on investment funding,
- EPA,
- European Clean Trucking Alliance,
- Madrid's observatory on women and safe transport,
- The PEP,
- C-Roads (under establishment),
- An MoU with FEHRL was concluded.

In the past year, closer coordination of policy development took place with EUROCITIES, UITP, and EMTA.

POLIS is a member of the following permanent committees of the European Commission:

- Sustainable Transport Forum for Clean Fuels infrastructure,
- Expert group DG-Grow on Euro standards AGVES,
- Expert Group on Urban Mobility,
- Multimodal Passenger Mobility Forum.

Key Policy Initiatives

Just Transition Agenda

Launched at the 2021 POLIS Conference in Gothenburg, the Agenda builds on the commitments made by POLIS political leaders in the Urban Green Deal Makers Pledge (2020), and sets forth 11 key topics for a Just Transition in Urban Mobility. Throughout the year, the Agenda was systematically disseminated within and well beyond the POLIS membership, and used as foundation and guidance for policy work. It will also lay the ground for the activities of the newly established Just Transition Taskforce.



JUST
TRANSITION
AGENDA
FOR
URBAN
MOBILITY

Further information:

<https://www.polisnetwork.eu/document/just-transition-agenda-for-urban-mobility/>

Letter to COP 27

Insights, conclusions and recommendations emerging from POLIS work, namely from the Political Group meeting, Leadership Summit and Just Transition Agenda, made up the core of POLIS' letter to the Conference of the Parties (COP 27) taking place in Egypt during November. The message was presented by Utrecht mayor Sharon Dijksma at the COP Transport Day on behalf of POLIS.



Further information:

<https://www.polisnetwork.eu/news/polis-calls-on-cop27-to-take-decisive-action-and-listen-to-cities/>

5. POLIS Global Platform

The POLIS Global Platform aims to structure, pool, and support the increasing outreach activities of the network and its members on an international scale, including cooperation with relevant international organisations such as SLoCaT, the International Transport Forum at the OECD, the World Bank and their SUM4all initiative, the World Health Organisation, UNECE, the World Economic Forum, and NUMO. The POLIS Global Platform also offers the possibility for non-European cities to become engaged in the network as associated members.



Coordinator of the POLIS Global Platform:

Karen Vancluysen, kvancluysen@polisnetwork.eu

POLIS Global Membership

Two POLIS Global members joined POLIS in 2022, i.e. the Open Mobility Foundation (US) and the city of Kadikoy (Turkey). POLIS was also invited to participate in a convening organised by POLIS Global member OMF (Open Mobility Foundation) from the USA, to discuss the organisation's future strategy and further development with a group of invited experts.

POLIS Global Ambassadorship

To further enhance POLIS' visibility on the international scene, it was decided to introduce a new role within the Management Committee, i.e. of POLIS Global Ambassador. The city of Madrid, current Vice-President of the network, has agreed to take up this position and support the Secretary General at high-level international events and initiatives.



Meetings & Events

Since the launch of the POLIS Global Platform, POLIS has become increasingly visible on the global urban mobility arena and recognised as an important international stakeholder in the field of sustainable urban mobility and urban transport innovation.

COP27

Insights, conclusions and recommendations emerging from POLIS work, namely from the Political Group meeting, Leadership Summit and Just Transition Agenda, made up the core of POLIS' letter to the Conference of the Parties (COP 27) taking place in Egypt during November. The message was presented by Utrecht mayor Sharon Dijksma at the COP Transport Day on behalf of POLIS.

Further information:

<https://www.polisnetwork.eu/news/polis-calls-on-cop27-to-take-decisive-action-and-listen-to-cities/>

Autonomy – Get Our Cities Moving!

For the fourth time, POLIS partnered with Autonomy to organise the Get Our Cities Moving event, as part of the Autonomy Summit, which took place on 16-17 March. POLIS hosted 4 keynotes and panel debates on topical issues, which featured several POLIS members, including political leaders from member cities and regions.

Further information:

<https://www.polisnetwork.eu/news/revealing-a-star-studded-line-up-for-get-our-cities-moving/>



Other international meetings and events

POLIS was invited to speak at several **international transport events** with a global impact, including among others the PIARC Winter Congress, Web Summit, Velo-City, Belron, the Tomorrow Mobility World Congress, the Smart City Expo.

Policy & Partnerships

UNECE / THEPEP

- POLIS had a scheduled intervention at the **UNECE Inland Transport Committee** during the panel on the role of inland transport in reaching sustainable mobility, 22 February
- POLIS gave a keynote speech and participated in a panel on urban planning and urban mobility at the 20th anniversary event of the **Pan European Program on Transport, Health and Environment**, 14 January, online
- POLIS participated in two meetings of **THEPEP partnership on Active Travel**.
- POLIS presented at the Inter-regional workshop on electrification of urban mobility – opportunities and challenges for transport, energy and spatial planning of the United Nations Economic Commission for Europe (UNECE) – **Working Party on Transport Trends and Economics (WP.5)**, 35th session, 5 September, Geneva



SLOCAT

POLIS is a member of the **Partnership on Sustainable, Low Carbon Transport** (SLOCAT), a multi-stakeholder partnership representing UN organisations, the World Bank and many transport-specific associations. This gives more visibility to POLIS activities globally and facilitates involvement in UN-related events and processes in the transport field.

Further information: www.slocat.net



NUMO

POLIS is a member of NUMO, the **New Urban Mobility alliance**, a global alliance to channel tech-based disruptions in urban transport to create joyful cities where sustainable and just mobility is the new normal.

Further information: <http://numo.global>



World Economic Forum

POLIS is a member of the **Global New Mobility Coalition** of the World Economic Forum, whose mission is to co-develop, pilot, and scale awareness-building and policy initiatives that promote



the benefits of shared, electric, and automated mobility technologies (SEAM) to society and the environment. POLIS spoke at a Workshop titled "Are we ready? Benchmarking for inclusive & sustainable urban mobility", hosted by the World Economic Forum as a side event at the ITF Summit, 18 May, Leipzig.

Further information:

www.weforum.org/projects/global-new-mobility-coalition

SUM4ALL

POLIS is an official partner of **Sustainable Mobility for All™**, an international alliance established by the World Bank, which brings together a diverse and influential group of transport stakeholders, with a commitment to speak with one global voice and act collectively to implement the Sustainable Development Goals (SDG's) and transform the transport sector. It stands for a mobility of goods and people that is equitable, efficient, safe and green. POLIS is actively involved in the Safety and Gender Working Groups.



Through its involvement in SUM4ALL's **Gender Working Group**, POLIS has received funding from FIA Foundation, to work on establishing a **toolkit for securing greater female participation in the transport sector**. The project will produce a practical guide to and toolkit for the essential regulatory and legal changes which need to be made to secure greater female participation in the sector, based on good-practice examples. Women make up only around 20% of the transport workforce and an even lower proportion of its management. Closing this gap is a crucial step in meeting urban mobility ambitions while pursuing wider gender parity goals. Ensuring better legal and regulatory frameworks and learning from good practices at local and national level are key to achieving this. The project has so far received wide attention, with the survey being shared by global transport actors and receiving over 200 responses. It was presented at Intelligent Transport's Transport Innovation Summit, Eltis Mobility Portal and shared by leading transport organisations including ITF, UITP and Walk-21. The next step will

be focus groups and interviews with leading mobility decision makers across the globe.

Further information: <https://sum4all.org/>

Transport Decarbonisation Alliance

POLIS is a partner organisation of the **Transport Decarbonisation Alliance**, a platform bringing together countries, cities/regions and companies to accelerate the worldwide transformation of the transport sector towards a net-zero emission mobility system before 2050. Within the Community of Interest on urban freight, POLIS actively supports initiatives to create a mass-market for ZE freight vehicles (see Urban Freight Working Group). POLIS is also a member of the Community of Interest on active travel.

Further information: <http://tda-mobility.org>



International Transport Forum at the OECD

POLIS continued its cooperation with the International Transport Forum at the OECD and participated in several invitation-only meetings:



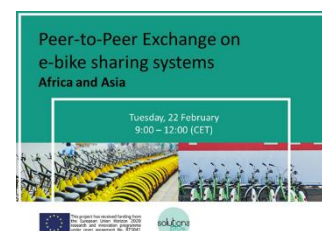
- Annual Consultation on Gender and Transport;
- Annual Consultation with International Organisations;
- Expert workshop “Regulatory Framework for Automated Vehicle-Based Services”;
- Expert workshop “MaaS and Data-sharing rules between mobility operators”;
- ITF Annual Summit:
 - Closing Plenary Session ‘Healthy Cities’, 20 May, Leipzig;
- POLIS cooperates with ITF on the **Safer City Streets Initiative** and organises joint workshops. Further information: see road safety pillar, SOLUTIONS+ and www.itf-oecd.org/safer-city-streets;
- Active participation and interventions in closed expert groups on MaaS, automation, and Outlook.

Projects

SOLUTIONSPlus enables transformational change towards sustainable urban mobility through innovative and integrated electric mobility solutions. POLIS leads the WP related to Capacity building, city-to-city cooperation, and professional development. Following requests by the pilot cities to receive training on the topic of e-bike sharing systems, POLIS organised two online peer-to-peer exchange sessions in February. The first one targeted East African and Asian cities (Pasig, Hanoi, Kigali, Dar es Salaam and Kathmandu), and the second one was dedicated to the Latin American partners (Quito and Montevideo). The speakers were local authorities experienced in the successful roll-out of e-bike sharing systems in Europe, Asia and Latin America, or international entities experienced in the planning of such systems. POLIS co-organised, with UITP, the 2nd e-course of the global e-learning programme focusing on the electrification of buses and their integration in cities' public transport systems, which ran from March to June.

Following the identification of regional training needs for European partners, SOL+ co-organised a joint online workshop with Mobi-Mix on 5 and 6 May 2022 on shared e-mobility. The goal was to bring cities together to discuss the main challenges and opportunities in this field. Throughout two mornings, the event gathered European frontrunners in the field, including 13 cities and local authorities and several public transport and micro-mobility operators.

In October, POLIS organised a workshop at the ITF Safer Street's Network meeting in Guadalajara, Mexico, on the topic of "Electromobility and Road Safety: Challenges and opportunities". This served as an occasion to bring together and exchange experiences and knowledge between experts from the electromobility and road safety sectors. Participants discussed common approaches on how to mitigate the risks (speed, lack of noise, occupancy of public space, among others), while benefiting from the advantages of e-mobility in cities to support Vision-Zero. The input collected from participants will



feed the development of a Knowledge Brief which will be published by SOLUTIONS+ and will help project partners and beneficiaries, as well as the ITF's Safer City Streets Network.

POLIS was directly involved in the SOL+/GEF-7 Regional Platform Regional Training Programme that responds to the capacity-building needs and knowledge gaps identified in the Training Needs Assessment conducted in 2020. The second release of the Regional Training for Latin America and the Caribbean took place in September and October 2022. It focused on charging infrastructure for electric vehicles, and planning and operation of electric buses. POLIS actively supported the regional training activities by participating in the weekly meetings for the definition of the training session's structure, by providing material contents for the Charging Infrastructure Module, liaising with speakers for the presentation of the Europe use cases, and overall dissemination of the LATAM Regional Training activities.

Further information: www.solutionsplus.eu/

SUMP Izmir: This project's main goal is to prepare a Sustainable Urban Mobility Plan for Izmir (SUMP Izmir) in accordance with the best European practices and standards. The project will define policies and actions to be implemented in the mobility sector, based on an ambitious long-term vision, clear targets and objectives, and efficient packages of measures. The project is divided into four components:

- Analysis and scoping,
- SUMP strategy development,
- Measure planning and SUMP adoption,
- Capacity building, training and visibility.

By the end of the project, a new transport model will have been established, a common vision, as well as indicators, will have been developed, and a SUMP action plan with a concrete proposal for a pipeline of measures and projects will have been

carried out. In 2022 a detailed analysis was carried out of available data and the current mobility situation and a common vision and communication strategy were developed. The first study visit for Izmir stakeholders was organised.

Further information: mstancec@polisnetwork.eu

SUMP Turkey aims at promoting Sustainable Urban Mobility practices across the country and is part of the country's accession efforts to align its national policy and institutional and regulatory frameworks to those of the EU. It promotes a shift from individual transport to sustainable, accessible, and inclusive modes of sustainable urban mobility, at both national and functional urban area levels. Within the project, the consortium will:

- support the communication and policy dialogue on sustainable urban mobility among Turkish stakeholders to create the basis for the nation-wide uptake of the SUMP concept;
- build capacities among experts and decision-makers for strategic, integrated planning and sustainable mobility policy solutions;
- enhance the visibility of sustainable urban mobility through the promotion of the European Mobility Week in Turkey.

The project started in August 2022. The main outputs in 2022 included supporting the drafting of surveys and a communication strategy and action plan, establishment of a taskforce and permanent policy dialogue between project stakeholders and with European counterparts on SUMP topics, and the first study visits for Turkish cities to European cities.

Further information: mstancec@polisnetwork.eu

EU Support for
Promoting
Sustainable Urban
Mobility in Turkish
Cities



6. Membership Development

Coordination of membership activities:

Karen Vancluysen, kvancluysen@polisnetwork.eu

Isobel Duxfield, iduxfield@polisnetwork.eu

New members

In 2022, the POLIS network welcomed the following new members:

- **10 Full members:** Kadikoy (TK), Koprivnica (HR), Ljubljana (SL), Lyon (FR), Overijssel (NL), Pisa (IT), Reggio Emilia (IT), Schaarbeek (BE), Vic (ES), Viken (NO)
- **6 Associate members:** Research Institute of Sweden RISE (SE), Luxembourg Institute of Science and Technology LIST (LUX), MobilityData (USA), Mpact (BE), AutoDelen.net (BE), UIRS (SL)

We have also diversified how we promote new members, by publishing short interview news items and other such articles with them and promoting their membership more widely over social media.

Newcastle resigned from the membership in 2022 following internal staff changes. The membership of Moscow was suspended, following the invasion in Ukraine. The province of Vlaams-Brabant (BE) resigns from the membership as of 2023, while DIFU (DE) will join as associate member from 2023.

This brings the membership to 106 members in 2022. The graph below shows the positive evolution of the membership, with a substantial increase over the past years.

Doing more with less: 5 minutes with Impact

This month, POLIS welcomed new associate member, Impact, a Belgian non-profit organisation focusing on shared mobility. We spoke to them about their work, the future of urban transport and how close will the move with them? How can Impact help, and how has the organisation progressed over the last few years?

Impact currently has 100,000 members, 100,000 members, 100,000 members. The public can not become a member, only for private use. Impact has a wide range of services and a focus on the future of urban transport. Impact is a member of the POLIS network and is a member of the POLIS network.

Why is shared mobility important? What is its role in cities and regions achieving carbon neutrality?

Shared mobility is key to achieving low carbon cities and regions. Shared mobility is key to achieving low carbon cities and regions.



Topic

Shared mobility

Staff member(s)

Impact

POLIS welcomes the city of Pisa into the network

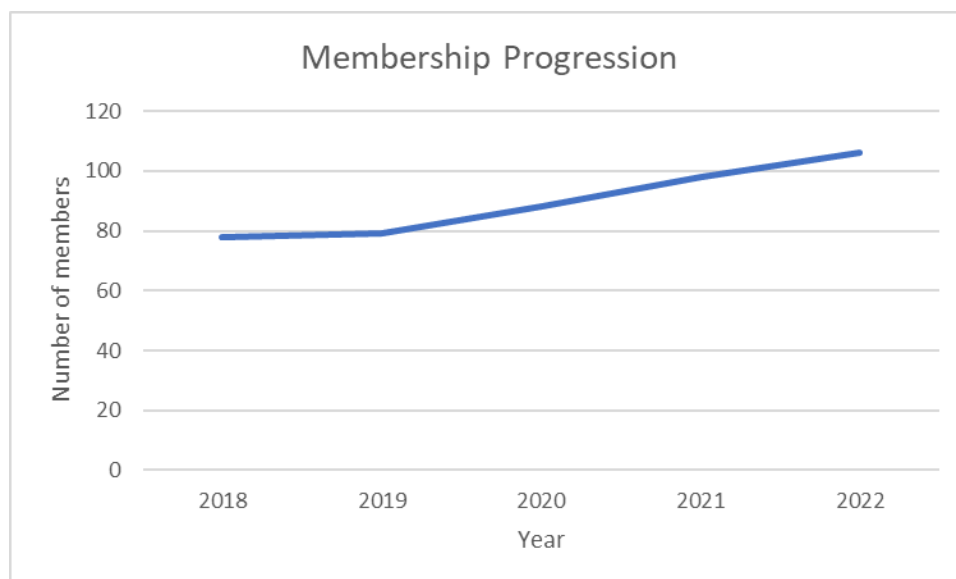
This month, the Italian city of Pisa joined POLIS, growing network of cities and regions. As the city grows up to 100,000, it has a lot of challenges. We spoke to them about the steps they are taking to address sustainable urban mobility, the remaining challenges they face and why they joined POLIS.

What are some of the main urban mobility challenges facing Pisa today?

In the last few years, the city of Pisa has tried to diversify its urban mobility. We have tried to reduce the number of cars in the city and to increase the number of bicycles. We have also tried to increase the number of public transport services.

The mobility strategy determined by the city council - in accordance with the public company that manages the city's mobility - aims to achieve an integrated approach linking transport, urban development and design of public spaces.





Potential members

Throughout 2022, POLIS was approached by and pro-actively contacted itself a significant group of cities and regions potentially interested in membership. We have streamlined this process to allow colleagues with connections to non-POLIS member entities to reach out with the relevant material.

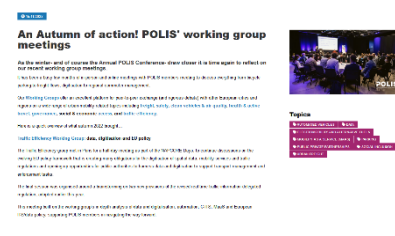
Contacts took the form of sending out personalised e-mails and a potential-member information pack that was tailored to the specific interests of the city or region addressed, dedicated (online) meetings and follow-up letters. There remain many cities and associate entities which we are in close conversations with regarding joining.

Throughout 2022, several cities from Europe and beyond were contacted, including: Hamburg, Riga, Tirana, Athens, Bristol, Oxford, Valencia, Funchal, and Turku.

Alongside the POLIS conference in Brussels, a short information session is again organised for non-member cities and regions interested in POLIS membership that are attending the event. They will receive an invitation to join the info session "Get to know POLIS and join!". After an introductory presentation on the mission and services of POLIS by Karen Vancluysen, member

cities will briefly share their experience of being active members in the network.

Events this year, including the Glasgow Leadership Summit, webinars and working group meetings have proven effective forums for showcasing POLIS services and reaching out to non-members. Beyond the detailed outputs of these events, which are shared in the members area, some key messages and event overviews were also shared publicly afterwards to create appetite for membership amongst interested non-members, e.g. <https://www.polisnetwork.eu/news/an-autumn-of-action-polis-working-group-meetings/>



Enhanced Services

To make sure that members can fully benefit from the wide range of services as described in this activity report, we also must properly communicate about and promote activities before they take place, as well as share and capitalise on resources and discussions afterwards, thus creating value beyond the meetings. For that purpose, the new position of Membership and Communications Officer was created in 2021. This has resulted in a significant improvement of dedicated services and related communications towards members, e.g. in terms of visibility of members and their good practice on the POLIS website, as well as more streamlined and systematic information sharing about POLIS services and activities, through dedicated mailings to members, the website, the members newsletters, the external newsletters, and the members area.

Concretely, members are much better informed of upcoming Working Group meetings and events through targeted mailings, outcomes and conclusions of meetings are shared immediately afterwards, and presentations and recordings are made available as a valuable resource afterwards, both to those who joined and were not able to join the meetings. Some examples of the new tools that are being used are illustrated below:



Join the upcoming POLIS Working Group meetings

Dear Karen,

We would like to share with you an overview of the upcoming meetings from POLIS' Working Groups on [Governance & Integration](#) and [Active Travel](#), taking place online in April 2021.

The Governance & Integration group discusses key challenges faced by local and regional authorities when developing policies and strategies to accelerate the shift to sustainable urban mobility, improve equity and safeguard the public interest, and deal with cutting-edge innovation.

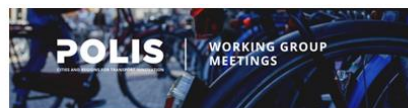
The Active Travel and Health group looks at the impact that urban and regional transport has on the environment and on health, with a focus on the role of soft modes of transport, such as walking and cycling.



Active Travel and Health: Steps to walkable cities

20 April | 15.00-16.45 CET

Walking is integral to our post-pandemic recovery and journey towards resilient, less car-dependent, cities. But how do we create the safe and accessible environments needed for a pedestrian's



Dear Karen,

As the sun (finally) poked its head out from behind the grey European skies, our working groups were a hive of activity.

Member cities, regions, universities and others, convened to discuss leading mobility issues, common challenges and shared solutions.

How can active travel capitalise on COVID-19? What is the future for public-private partnerships? And how can we prepare for the next generation of electro-mobility? We explored these issues and much more.

If you missed the action, here is all you need to know.

Working Group activities



Active Travel

Over the last year, cities and regions have transformed their cycling and walking



Urban Freight

Zero-emissions and efficient city logistics will be a tough task, cities and the industry cannot,

Below is an example of how a redacted working group report is published on the website with a link to the members area for the full report. This thus promotes POLIS activity while retaining the key information for POLIS members only.

Commuter traffic planning and demand management: Regions Working Group convenes!

Commuter travel patterns have changed significantly over the last few years. Prompted by the COVID-19 pandemic and driven by accelerating communication technologies, work patterns have become more flexible. Behaviours have changed and - as recent research reveals - car traffic has not in fact returned to pre-pandemic levels.

Nonetheless, private car travel persists, and the number of commuters entering cities in combustion vehicles does not put cities and regions on track for climate neutrality goals. Significant change is still needed - fast!

On 14 October 2022, the Regions Working Group met virtually to explore the way forward. From Barcelona's LEZ to the Brussels Region's SmartMove project, Vlaams Brabant's regional spatial policy to Vervoerregio Amsterdam's mobility hubs; our members revealed how regions are - and can further - guide sustainable commuter flows.



Topics

- ◆ DECARBONISATION
- ◆ MOBILITY AS A SERVICE (MAAS)
- ◆ MOBILITY MANAGEMENT AND CAMPAIGNS

Staff member(s)

ISOBEL DUXFIELD KAREN VANCLUYSEN

Also in the members area, it is more intuitive and easier to find members-only specific information now per working group, in relation to policy, and linked to proposals and funding, with new pages for the SMC and Regions Working Groups.

Further information: idxfield@polisnetwork.eu

7. Communication

The POLIS communication activities in 2022 were based on the following priorities:

- to **inform** POLIS **members** on relevant topics;
- to **promote** POLIS **members'** activities within the network and across Europe;
- to **promote** the **network** in the European and global urban/regional transport community;
- to **improve** the quality of communication outputs to maximise their impact;
- to **establish** the **members area** as the main communication and information tool for POLIS members;
- to **capitalise** on the network's growing audience on **social media** by creating ad-hoc campaigns centred on key "communications milestones";
- to further **capitalise** on outputs from **POLIS Thematic Pillars** and related Working Group activities, as opportunities for showcasing the innovations that members are working on and to position the network as a leading voice in transport innovation;
- to continue **strategic communication partnerships** with related high-profile transport events;
- to **internally update the guidelines and the editorial style of POLIS content**.

POLIS Communications Team:

Alessia Giorgiutti, Communications Coordinator,

agiorgiutti@polisnetwork.eu

Isobel Duxfield, Communications and Membership Manager,

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Sebastien Nolens, Communications Manager,

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Marina Martín Vilches, Project & Communications Officer,

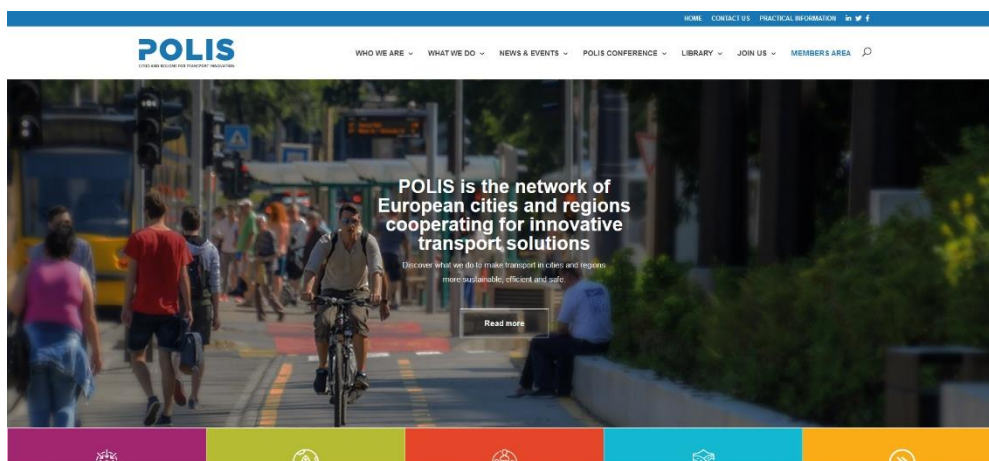
MMartin@polisnetwork.eu

Carlotta Inserra, Communications Intern

7.1. POLIS Website

The POLIS website, www.polisnetwork.eu, is the main platform to share relevant information with the wider urban mobility and innovation communities both at the European, international, regional, and local levels.

The website is regularly updated and maintained to showcase the most recent activities and achievements of POLIS and its members.



Changes and updates

In 2022, the website has been updated with:

- a new **Regions Working Group** page;
- a complete check of our **project pages**;
- a new **'Magazine' page** including our archived magazine Thinking Cities and our new magazine Cities in motion;
- a new **'Cities in motion' page** dedicated to our new magazine;
- a more visible **newsletter subscription** function.

Website Analytics

POLIS monitors the performance of the public website on the basis of two key indicators: the number of total users and the number of page views.

Total users

In 2022 (from 1 January 2022 to 1 November 2022), the number of total users of the POLIS website amounted to 66,949 – last year, for the same mark of time, the number amounted to 62,147.

Total users **2020**: 60,307

Total users **2021**: 62,147 (**3.05% increase**)

Total users **2022**: 66,949 (**7.72% increase**)

Most total users visited the website for the first time (65,607 or 88.2%).

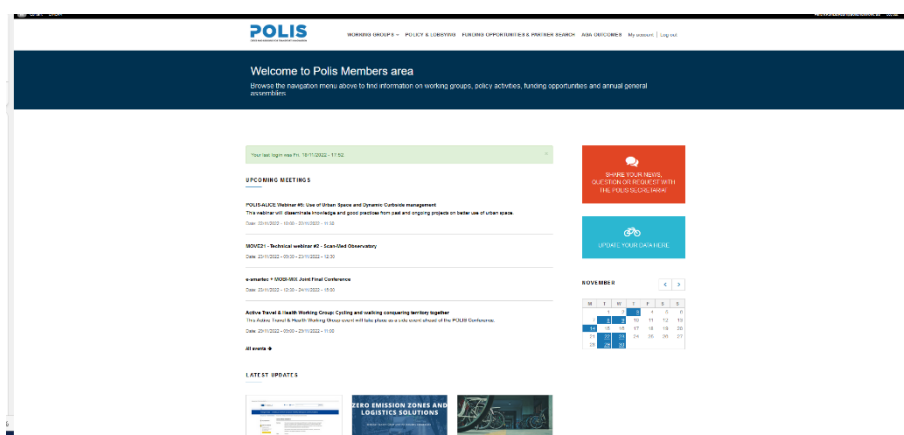
Page views

From January to November 2022, the website counted **308,872** page views, a decrease in respect to the number recorded in 2021 in the same period of time (405,190).

The most visited pages were the following:

- **Homepage**: 39,270 views (12.71%)
- **2022 Annual POLIS Conference**: 17,418 views (5.64%)
- **Staff**: 9,016 views (2.92%)
- **About POLIS**: 8,123 views (2.63%)
- **Members**: 6,944 (2.25%)

7.2. Members Area



The POLIS Members area, which was developed alongside the new website in 2019, has facilitated access to members-only information in terms of:

- **Engagement:** 3783 user registrations to events and 155 mailings were sent. In addition, there were 17 new registrations of memberships.
- **Content:** In terms of content, since November 2022, 110 new news items have been created and 145 new documents uploaded.

7.3. Newsletters

Newsletters and direct mailings remain the most effective communication tools, both towards POLIS members and a wider audience of stakeholders. They include:

- **Newsletter for members only:** the newsletter for POLIS members, **InfoPolis**, kept its biweekly recurrence in 2022. The newsletter is being sent on Tuesdays. The audience of the newsletter reached 1700 member contacts. InfoPolis features key updates from the network, a section on “opportunities for members” (news on stakeholder engagement groups, funding opportunities, awards, etc.), a list of upcoming events and selected external reads;



Latest news

Public Transport Lab discusses Mobility as a Service
[Read more](#)

A logistics micro hub in a Madrid parking lot will boost low-emission goods distribution
[Read more](#)

Empowering the citizen: how the WeCount Project has helped amplify the voice of Cardiff citizens
[Read more](#)

Local Digital Twins: Forging the Cities of Tomorrow
[Read more](#)

- **Public newsletter:** The POLIS public newsletter is sent every month to 12,000 subscribers and includes updates about POLIS activities, members, events and positions;
- **POLIS alert mailings:** Alert mailings are sent on specific topics, for example invitations to the POLIS Conference or other key events, surveys, etc. People can subscribe to receive alert mailings according to topics;
- **EU project updates:** Mailings related to specific EU projects are sent to the projects' own list of subscribers plus people who specifically subscribe to receive project updates on the POLIS website;
- **Press releases:** are sent as the occasion arises to POLIS media contacts, subscribers to press releases and POLIS members.



Latest news

Lisbon, Barcelona, Milan and other cities discuss the future of urban parking

[Read more](#)

Laying the tracks: Connecting regional, national and international hubs through rail

[Read more](#)

Do cities have the skills they need to achieve their sustainable mobility goals?

[Read more](#)

Catalonia adds new on-demand and express bus lines in the Lleida province

[Read more](#)

The mailing subscription form on the POLIS website allows people to subscribe to the type and frequency of mailings they wish, except InfoPolis, which is not available to anyone outside the membership.

7.4. Social Media

Twitter

In 2022, Twitter remained the main social media communication tool of POLIS. In November 2021, POLIS had 8,177 followers – as of November 2022, it gained 627, reaching a total of 8,804 followers. The total number of tweets of POLIS is currently at 9,691 – in the last year, we published 2,054 tweets.

POLIS Twitter feed: <https://twitter.com/Polisnetwork>



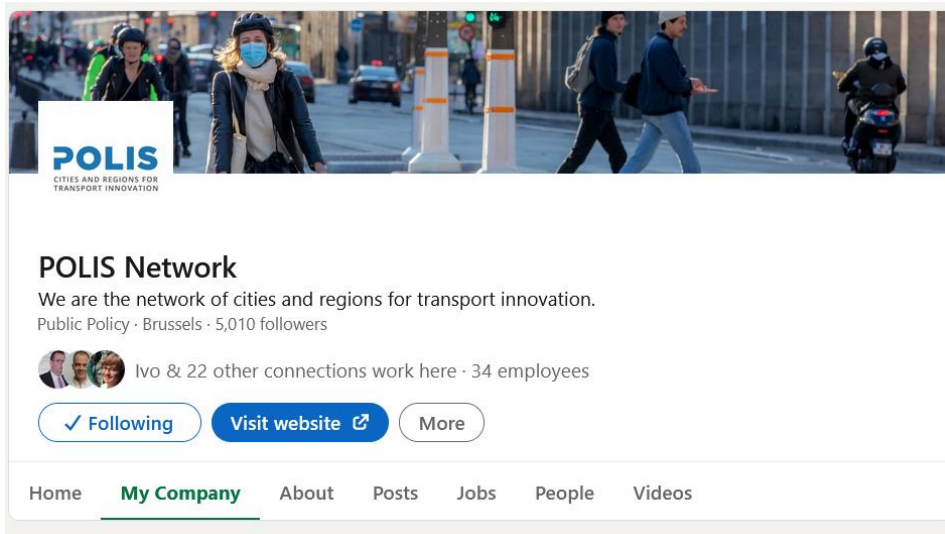
LinkedIn

POLIS has been growing its presence on LinkedIn throughout 2022. The POLIS LinkedIn profile recorded growth in both the number of total followers and impressions (total views of POLIS posts).

In 2022, 2,753 new people followed POLIS on LinkedIn, bringing the total of followers to 7,763 (on 5 November). In January-November 2022, the POLIS LinkedIn profile gathered 244,644 total impressions (total views of POLIS posts), +26% compared to 2021 (193,897). This growth has been also reflected by the growth in reactions or likes (+**259.3%**), comments (+**123.3%**), and reposts (+**245.7%**).

POLIS' LinkedIn profile:

www.linkedin.com/company/5193540/



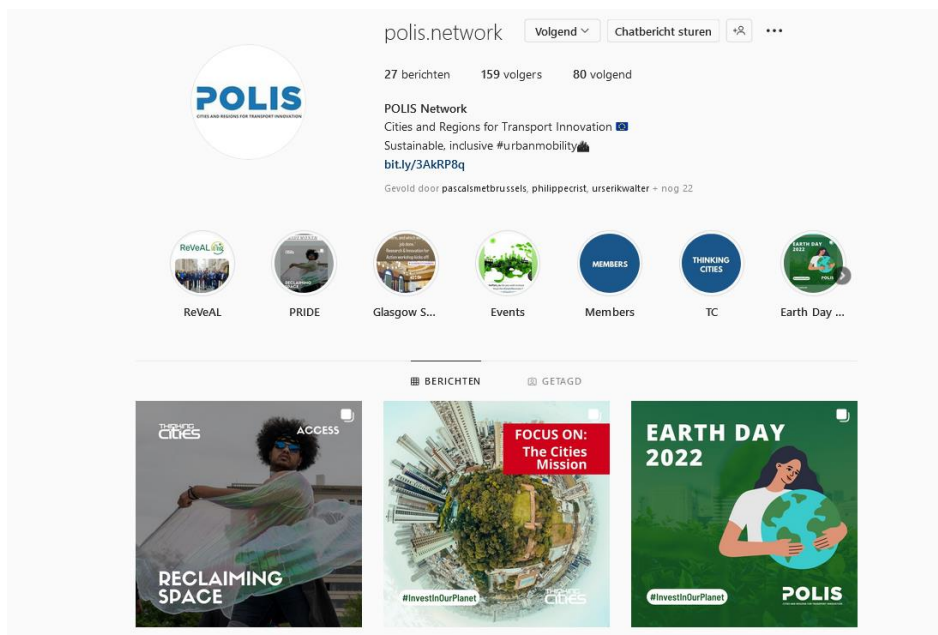
Instagram

POLIS' activity on Instagram is still in its infancy. At the moment, the POLIS account has shared 27 posts and has 159 followers – this is a result of one year of work while the Comms team were trying to find the right footing.

After a year, considering that the POLIS' Instagram audience is young on average (between 24 and 35 years), gender-balanced (50% male, 50% female), and multinational (our top countries are Belgium, Italy, Sweden, Netherlands, and Portugal), and noticing that the content that gets more traction on the platform is either stories or videos related to events or specific themes, POLIS plans to work on creating more compelling highlights made up of thematic stories, sharing interviews, short snippets (reels), and BTS of our work and mobility.

POLIS' Instagram page:

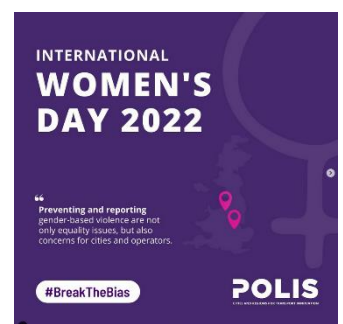
<https://www.instagram.com/polis.network/>



Thematic Social Media Campaigns

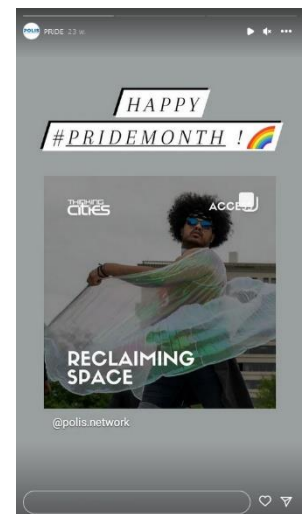
POLIS worked on various thematic campaigns this year:

- **Thinking Cities #17:** long campaign stretching from the POLIS Conference 2021 to September 2022, showcasing visuals and informative posts about our last Thinking Cities issue and a selection of 20 of the 25 featured articles. The campaign resulted in the most consistent revenue of traffic in the first six months of the year.
- **International Women's Day:** a multi-platform campaign revolving around a long-form piece and 6 additional thematic/members' dive-ins, i.e. "Putting gender data into action in Catalonia"; "Breaking the silence: Tackling gender-based harassment"; "Women in transport, STEMing the gap"; "Gender equality in transport: Can we GET-IT?"; "Parity in Paris: Bike-sharing for gender-equal mobility"; "Sustrans: Pedaling to gender parity". The campaign, consisting of squared statement graphics, was showcased on all our social media platforms, using the #BreakTheBias hashtag. In addition, a statement from our Secretary General was viewed



and engaged with on Twitter more than 1,100 times. The overall campaign resulted in the most viewed content in March 2022.

- **Political Group meeting in Paris and Leadership Summit in Glasgow:** both events were covered with long-forms and adapted quote visuals. As of today, both result as 2022's top of comms content on all our platforms, including the website.
- **Pride:** a four-instalment campaign from June 2022 to December 2022. The campaign kicked off with a feature of the above-mentioned Thinking Cities campaign, showcasing our first article on the matter. Two other long forms followed, one dedicated to urban space and the other to urban mobility, which resulted in top traffic on our website for the month of June 2022. The last instalment of the campaign is set with the publication of an interview with queer mobility experts which will be shared shortly after the POLIS Conference 2022.
- **Earth Day/Mission:** micro-campaign stemming from the above-mentioned Thinking Cities campaign. It kicked off with an interview with the former European Coordinator for Road Safety and Sustainable Mobility and Mission Manager Matthew Baldwin, and was followed with a POLIS-made infographic about sustainable mobility.
- **Disability Pride:** micro-campaign associated with a long-form – it resulted in the most traffic to our website in the month of July.
- **Autonomy and GOCM** (Get Our Cities Moving): an event campaign from April 2022, it served as the blueprint for other event campaigns we later did throughout the year, such as the Urban Mobility Days, the European Week of Regions and Cities, and TRA (Transport Research Arena).

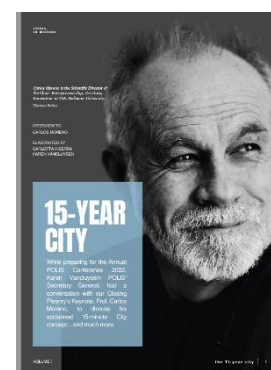


7.5. New Magazine

The cooperation with H3B Media for the publication of Thinking Cities magazine was concluded with the issue published at the occasion of the 2021 POLIS Conference in Gothenburg. To be

able to take full control over and ownership of the magazine, it was POLIS' decision to move on to the creation of its own magazine. With the reinforced communications team and the built-up expertise in creating content, visuals and digital communication tools over the past year, the secretariat was confident it could take this step. Throughout 2022, POLIS therefore developed its **own magazine** which will be fully integrated into the POLIS website.

The very first issue of the new POLIS magazine, titled **Cities in motion**, will be published at the occasion of the 2022 POLIS Conference, featuring **25 articles covering the POLIS thematic pillars**. There will be interviews with conference keynote speakers, as well as important policy articles, such as the COP27 open letter and the Climate-Neutral Cities Mission, and articles putting the spotlight on members. This way, the magazine will have a clear connection to the Annual POLIS Conference, the membership and key milestones of the network.



'Cities in motion' provides:

- an interesting opportunity to showcase members' innovations;
- the opportunity for POLIS to send some strong messages to the sector, presenting the views of its member cities and regions in a different format.

The magazine will be available online before December 2022. The former Thinking Cities magazine will be archived in a newly formed magazine page.

7.6. POLIS Conference

The annual POLIS conferences offer a unique opportunity to connect with committed transport innovation professionals who

work in local and regional governments and related public and private sector organisations.

Participants include members of POLIS, i.e. transport practitioners and policy makers from local and regional authorities; transport professionals and decision makers from other public authorities; representatives of the transport industry, transport researchers & consultants; and high-level representatives and experts from the European institutions.

Following a successful conference in Gothenburg in 2021, with a record number of over 600 on-site participants, this year's edition will break new records with an expected number of over 800 participants in Brussels.

The conference will feature a high-level opening and closing plenary session focusing respectively on "Channelling Change" and "The 15-year City", as well as 5 rounds of no less than 8 parallel sessions, covering a wide range of urban mobility & innovation related topics across the POLIS thematic pillars and featuring many POLIS members with their good practice in urban transport innovation and policy.



Further information:

www.polisnetwork.eu/2022-annual-polis-conference/

7.7. PR Activities

POLIS' staff and members' ever-increasing presence as keynote and expert speakers, panellists, and moderators at relevant events across Europe and beyond reinforces the position of POLIS as leading network in the field of urban transport innovation and offers important visibility to the network. In 2022, POLIS senior staff took up such an active role at numerous **events across Europe and beyond.**

8. POLIS Secretariat

In 2022, 35 meetings took place at the POLIS office, most of them organised by POLIS, its members and partners, and by ECTRI, the organisation also based at the POLIS premises. These meetings were altogether attended by approximately 700 participants.

The expertise of the POLIS secretariat and its staff is well recognised by members and partners and brings together valuable expertise. It is therefore necessary to continue to invest in the human capital of POLIS, guaranteeing pleasant and fair working conditions as well as offering perspectives for personal growth. The POLIS secretariat currently employs 18 permanent staff, 9 staff members on limited duration contracts in relation to incoming projects, and 1 intern, i.e. 28 employees in total. Given the ongoing growth of the organisation, internal management, HR and Finance procedures and tools are currently being reviewed and upgraded, and a fulltime Senior Finance and HR coordinator was recruited following Gabriela Barrera's departure, who worked half time.

This is the current POLIS team:



Karen Vancluysen

Secretary General



Ivo Cré

Director Policy & Projects - Coordinator
Access



Marina Bezier
Senior Finance & HR Coordinator



Julie Lucca
HR and Finance Manager



Alexia Collignon
Office & Events Manager



Klaudia Varga
Office Assistant



Pedro Homem de Gouveia
Senior Policy & Project Manager - Coordinator Governance & Integration - Coordinator Safety & Security



Suzanne Hoadley
Senior Manager - Coordinator Traffic Efficiency



Raffaele Vergnani
Project Manager - Coordinator Urban Freight



Pedro Gomes
Project Manager - Coordinator Clean Vehicles & Air Quality Working Group



Laura Babío
Project Manager - Coordinator Just Transition Taskforce - Co-coordinator Traffic Efficiency Working Group



Andréia Lopes Azevedo
Project Manager - Coordinator Active Travel & Health



Cláudia Ribeiro
Project Manager



Mark Meyer
Project Manager



Marko Stančec

Project Manager



Antonios Tsiligiannis

Project Manager



Dagmara Wrzesińska

Project Manager



Niklas Schmalholz

Project and Communications Officer

Coordinator Cities Mission Taskforce



Manon Coyne

Project Officer



Daniel Herrera Meek

Project Officer



Juliette Thijs

Project Officer



Emiliya Kamenova

Project Officer



Dzvenyslava Tyslyukevych

Project Officer



Alessia Giorgiutti

Communications Coordinator



Isobel Duxfield

Communications and Membership Manager,
SMC Platform & Regions Working Group
Coordinator



Sebastien Nolens

Communications Manager



Marina Martin Vilches
Project & Communications Officer



Carlotta Inserra
Communications Assitant

9. Management Committee

Chaired by the President of POLIS, the Management Committee is jointly responsible for the guidance and supervision of the budget and policies of POLIS, general supervision of the activities of the POLIS secretariat, oversight of working groups and external representation of POLIS.

Composed by all POLIS members, the General Assembly elects the President and members of the Management Committee, while the Management Committee appoints the Vice-President and Treasurer within the MC. The General Assembly of POLIS also approves the POLIS Strategy and POLIS budget each year.

The President of POLIS is elected for one year, renewable once, while members of the Management Committee are elected for a term for three years, which can be renewed once.

The Management Committee meetings, bring together the POLIS president, the members of the Management Committee, and the management team of the POLIS Secretariat, i.e. Karen Vancluysen (Secretary General), Ivo Cré (Director Policy & Projects), and Gabriela Barrera (Director Membership & Finance until July 2022) and Marina Bézier (Senior Finance & HR Coordinator since September 2022).

In 2022, the Management Committee met four times, of which three times online and once in person:

- 9 March
- 28 June, Leuven
- 6 September
- 24 October

In 2022, the Management Committee was composed of the members listed below, with Tim Asperges acting as the Leuven Presidency representative, Sergio Fernandez Balaguer as the Madrid Vice-Presidency representative, and Gert Blom (until September) and Matthieu Graindorge (since September) from Helmond as treasurer.



Tim Asperges

CITY OF LEUVEN



Sergio Fernández Balaguer

EMT MADRID



Gert Blom

CITY OF HELMOND



Gustav Friis

CITY OF AHRUS



Maria Nelida Santos Diaz

CITY OF BILBAO



Andrew Luck

LONDON EUROPEAN PARTNERSHIP FOR TRANSPORT



Michelle Coldrey

CITY OF GOTHENBURG



Nicola Kane

TRANSPORT FOR GREATER MANCHESTER



Cristina Pou Fonollà

GENERALITAT CATALONIA



Arnout Smit

CITY REGION OF ARNHEM NIJMEGEN



László Sándor Kerényi

BKK CENTRE FOR BUDAPEST TRANSPORT



Mattias Lundberg

CITY OF STOCKHOLM

Arnout Smit left the Arnhem-Nijmegen Region in August and was replaced by Johan Leferink. Maria Nelida Santos left Bilbao City Council in September and was replaced by Urrotz Larrañaga Garate as new representative. Mattias Lundberg changed jobs in October 2022 and was replaced by David Preus as representative from Stockholm. Nicola Kane left Transport for Greater Manchester in October 2022 and was replaced by Nick Fairclough.

10. Financial Report 2022

2022 has seen a substantial growth in POLIS activities, including European projects, and the resuming of travels post COVID. The membership also shows a very positive growth curve.

Consequently, new staff members were recruited, resulting in 28 Full Time Equivalents (FTE) working on membership services and altogether 49 European grants & tenders, HR, finance and office management, and communications. The salaries and social charges and related fixed costs (such as administration, insurances, IT equipment and software licences) induced by this growth, are increasing accordingly.

The Annual Assembly and Conference organised in Brussels in 2022 is more expensive than initially foreseen and budgeted due to:

- a steep increase in price of the venue and related services (catering, audiovisuals, booths,...) following the post-covid context of the events sector which needs to make up for suffered losses of the past two years;
- inflation resulting in higher salaries of conference service providers, and soaring energy prices;
- the success and growth of the conference and membership, resulting in a higher number of participants overall and a higher number of non-paying participants from the membership, requiring a bigger venue;
- the decrease of sponsorship income, i.e. fewer sponsors with smaller packages, with companies being in crisis mode due to the current global energy crisis and recession.

Other increased expenditure that put a heavy weight on the 2022 forecasted budget include:

- higher office building common charges (energy prices);
- higher EY lawyer fees and notary costs due to the legally required change of the POLIS statutes;

- higher EY accountancy fees due to the transition period following the departure of Gabriela Barrera as HR & Finance Director, and the arrival of Marina Bézier as Finance & HR Coordinator, as well as the transition to a new finance, HR and project management system reflecting the needs of a growing organisation;
- increasing writing fees for EU proposals.

Although the membership fees reflect the increase in new members, this does not balance the 2022 budget and we forecast a deficit of 119.929,80 EUR due to the combination of reasons mentioned above. The built-up POLIS total financial reserves of 1.395.469,06 EUR (dd 31/12/2021) will decrease accordingly. Thanks to these reserves, the organisation can easily absorb the projected deficit and remains financially healthy.

A detailed overview of the forecast for 2022 can be found on the following page.

POLIS budget 2022 end of the year forecast

	<i>EUR</i>
POLIS network expenditure	767.004,90
Salaries and social charges	1.674.510,50
EU grants & tenders expenditure	737.728,80
Total Expenditure	3.179.244,20
Membership fees	680.000,00
EU grants & tenders income	1.295.152,8
POLIS Conference income*	195.535,00
Other income	70.218,60
Total Income	3.059.314,40
Year balance	-119.929,80