

10 June 2022

## How can public transport contribute to a greener future mobility **and social inclusion?**

Suzanne Hoadley, Polis

Peer-to-peer exchange

Policy & Advocacy

Research

Innovation

102 Cities, regions and related entities

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**POLIS**

CITIES AND REGIONS FOR TRANSPORT INNOVATION



[www.polisnetwork.eu](http://www.polisnetwork.eu)

WORLD



EUROPE

**Our Members**

Membership:  Full  Associate  Global



# Polis members and PT

## Heterogeneity of public authorities around Europe

- a. City, provincial and regional authorities, eg, city of Paris, Brussels region, Province Noord Holland
- b. Metropolitan authorities/urban communities, eg, Lille Urban Community
- c. Passenger transport authority (PTA), eg, HSL (Helsinki),
- d. Integrated transport authorities (PTA+), eg, Transport for London, BKK (Budapest),

## Roles and responsibilities of public authorities wrt PT

- a. Direct
  - a. Planning and awarding PT service contracts (& setting fare regimes)
  - b. Providing infrastructure for PT (dedicated lanes, stops, priority at lights, interchanges, multi-modal hubs, etc)
  - c. Integrated information and ticketing
- b. Indirect
  - a. Prioritising PT in transport strategy and planning (carrot + stick measures)
  - b. Regulating access to space (restricting car access, more space for sustainable modes)



# Main urban mobility challenges & policy goals



**AIR QUALITY**



**MODAL SHIFT**



**SAFER ROADS**



**DECARBONISATION**

# Peer-to-peer exchange: WG



## Environment & Health



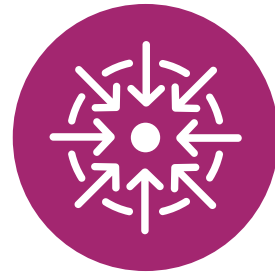
**Active Travel & Health**  
**Clean Vehicles & Air Quality**



## Traffic Efficiency



**Traffic Efficiency** (ITS, traffic management, MaaS, data, automation...)



## Access



**Access** (public transport, infrastructure, pricing...)  
**Parking**



## Safety & Security



**Safety & Security**  
(street and road safety, protecting vulnerable users, gender...)



## Governance & Integration



**Governance & Integration**  
**Urban Freight**  
**Small and medium sized cities platform**  
**Regions platform**

# Polis Working Group meetings



## **Security of Public Transport Facilities: an effective approach**

The shift to sustainable mobility happens one user at a time. To prompt this choice, the user must be comfortable with the new mode of travel. This is a critical issue when it comes to public transport. A sense of insecurity...



## **Public Private Partnerships meeting: Partnering to fill the gaps of mass transit**

On 6 and 7 May 2021 POLIS' Working Group Governance...



## **Electrifying the Curb: POLIS discusses the future of EV charging**

POLIS Parking and Clean Vehicles Working Groups joined for a meeting on 19 May, 2021.



**PUBLIC TRANSPORT LAB** POLIS

Sexual Harassment in public transport  
19 October, 10:00-12:00 CET

**PUBLIC TRANSPORT LAB** POLIS

Autonomous Vehicles as part of a Public Transport System  
22 November, 14:00-15:30 CET

**PUBLIC TRANSPORT LAB** POLIS

Integrating urban design and infrastructure to accommodate public transport  
4 November, 16:00-17:30 CET

**PUBLIC TRANSPORT LAB** POLIS

More than just hot air? Public Transport decarbonization  
15 November, 13:00-15:30 CET

**PUBLIC TRANSPORT LAB** POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

**PUBLIC TRANSPORT LAB** POLIS

Complementing mass transit with shared mobility  
9 November, 11:00-12:30 CET

**PUBLIC TRANSPORT LAB** POLIS

Public Transport & COVID-19: What happened and what will happen?  
17 September 2021, 10:00 - 11:30 CEST

**PUBLIC TRANSPORT LAB** POLIS

MaaS at the service of public transport  
26 October, 14:00-15:30 CET

**PUBLIC TRANSPORT LAB** POLIS

How can technology support Public Transport?  
23 November, 14:00-15:30 CET





# Challenges (& opportunities) for PT

Decarbonisation

Digitalisation

Disruptions

- Micro-transit & micro-mobility
- Digital platforms

EU (and national) policy

- ITS Directive/MMTIS -> *access to data*
- Multimodal Digital Mobility Services (MDMS) policy initiative -> *grow market of digital ticketing resellers*
- Public Service Obligations interpretative guidelines -> *limiting role of public sector in procuring services*
- TEN-T urban nodes (400+) -> *SUMPs, interchanges and SUM indicators (SUMI)*

1. Revision of the ITS Directive 2010/40/EU (action 38) and RTTI DR (action 36)

2. Multimodal stakeholder expert group (MPMF)

3. Revision of Delegated Regulation 2017/1926 on MMTIS (action 36)

4. New proposal to support the development of MDMS (action 37)  
KEY INITIATIVE 2022



# Micro-transit & micro-mobility

## Novelties

- Technology-centric: App-based; on-demand; algorithm-driven
- Business model: commercial services, venture capital-backed
- Network effects: grow fast (value derived from customer size not profit generated)

Complementing or substituting PT?

Proven shift from private car?

Reduction in kmt?

Subsidy? Conditions?



# Micro-transit in Innisfil (Canada)



Subsidised ride-hailing service in lieu of scheduled public transport

High ridership numbers – many happy customers

**But**

Budget has exploded (more than planned bus budget)

Subsidy reduced

Trips/passenger must now be capped

Walking trips substituted - more cars on road

source: Guardian newspaper

# Multi-modal digital service (aka MaaS) platforms

Momentum for MaaS grown substantially in last 5 years

Leading to national legislation and EU action

Much support for establishment of broader range of redistribution channels provided:

- Public authorities can steer implementation of MaaS locally
- Conditions for resale of PT tickets can be decided locally (to ensure end users benefit from public subsidy)
- Plurality of MaaS models
- Passengers rights in multimodal context

- ▣ Defining the **best role** for transport authority in the MaaS environment
- ▣ Finding the **right public-private sector balance**
- ▣ Understanding the **impact of MaaS** on travel behaviour
- ▣ Ensuring the user-centric approach delivers **system benefits**
- ▣ Determining the **best market environment** for MaaS
- ▣ Understanding the **business model** and who will pay
- ▣ Exploring the potential long-term impact of MaaS on transport **service procurement**



# MDMS policy initiative

Aim: to accelerate growth of multimodal digital mobility services market

How?: require mobility operators to create a ticketing API allowing access to MDMS providers

When? EC expected to propose legislation end 2022.

Multistakeholder forum to guide EC on EU multimodality policy, incl. MDMS

## MDMS initiative

- [MDMS proposal](#) (new legal basis): should focus on **ticketing / booking / payment services (intermediaries)**:



- **SO1:** Enhance cooperation and fair competition between MDMS platforms and transport operators
- **SO2:** Facilitate the re-sell and integration of all mobility offers in MDMS, including through-tickets by tackling commercial and technical challenges.
- **SO3:** Ensure that MDMS support the efficiency and sustainability of the transport system and societal goals.





# PSO regulation interpretative guidelines

Public Service Obligations allow awarding of PT service contracts (competition law exemption)

Interpretative guidelines aid interpretation of complex legal text

EC proposed revision of guidelines:

- Public service only in case of market failure (ie, to fill the gaps)
- Public service only where proven user demand (ex ante assessment)

-> Creates legal uncertainty

-> shows misunderstanding of role of PT as means to achieve sustainable mobility goals

4 MAY 2022

**COALITION POLITICAL STATEMENT**  
**ON THE PROPOSAL BY THE EUROPEAN COMMISSION FOR A REVISION OF THE PSO INTERPRETATIVE GUIDELINES**

**Help - not hinder - public transport's ability to deliver Green Deal goals!**

*Avoid undermining the legal framework for public transport organisation*

We, representatives of public transport, rail transport, and active mobility, and representatives of local & regional government, welcome the opportunity to comment on the proposal by the Commission to revise its interpretative guidelines on Regulation (EC) No 1370/2007 on public passenger transport services by rail and by road ("the PSO Regulation"), even though we regret that only a limited number of actors were initially consulted. This Regulation sets out the conditions under which transport operators can be compensated or given exclusive rights by public authorities to provide public transport services in the general interest. The regulation, and the way it is interpreted, is therefore of critical importance to the European public transport and rail sector and to competent authorities implementing EU policy goals.

# Governance of the evolving mobility system

How can cities plan for new types of mobility services and business models?

Which policies should cities adopt to secure positive outcomes and minimise negative effects?

What role should cities play in this new mobility paradigm?

- What are the most appropriate governance models?
- Which powers should they have and what regulation needed?





# Conclusions

Disruption challenges inertia and may deliver positive outcomes in right conditions,

*however*

Sustainable travel behaviour is naturally at odds with general business interests

*therefore*

Public authorities must retain oversight of evolving mobility market

- Do they have the requisite powers today?
- What impact will EU policy have on their ability to manage mobility locally?

We need evidence about impacts of micro-transit, micro-mobility and MaaS apps:

- on travel behaviour/trip choice,
- vehicle km travelled (VKT) by car,
- safety and equity