The Disrupters Disrupted?

Policy Frameworks Shaping the Role of New Mobility Solutions in European Cities

Urbanism Next Virtual Forum, 14 May 2020

Karen Vancluysen, Polis Secretary General
Disruption! 😨 😨 😨

What will stay?  What is next?  Where?

www.polisnetwork.eu
Changing role local authority

What should be the role of the local authority in the transport system of tomorrow?

Mix of measures with multiple benefits

Public transport & active travel as backbone

Systems approach

Identity crisis.

www.polisnetwork.eu
YES! WAIT, NO! WELL, ONLY IF...
Regulate to innovate!

Anticipate
Talk & cooperate
Understand possible impacts
Maximise + & minimise -
Carrots & sticks!
Trial & error
Agile & flexible regulation

Policy-responsive innovation with cities in the driver’s seat
No recipe for this disaster
Cities stepping into the frontlines

**Rotterdam uses camera car for compliance with corona rules**
To enforce compliance with the rules regarding group formation and to keep sufficient distance, the municipality of Rotterdam is using two Arvoo camera cars. The camera cars will be used specifically. [READ MORE →](#)

**New Zealand invests in pop-up bike lanes and safer streets during lockdown**
New Zealand has announced new plans have been announced to fund the creation of pop-up bike lanes and safer streets to help people move around during lockdown measures in the country. The measures... [READ MORE →](#)

**Budapest launches temporary bike lanes to get city moving**
The Municipality of Budapest has decided to establish temporary bicycle lanes for several key routes around the city. The capital’s aim with this decision is to provide its residents with an alt... [READ MORE →](#)

**Data from Rome reveals changing travel during COVID-19**
Italy has been heavily affected by the COVID-19 outbreak and Italian cities have felt major impacts from the virus, including in mobility. In response to the virus outbreak, cities have implemented... [READ MORE →](#)

**Manchester launches free metro offer for health and social workers**
Tram services across Greater Manchester will be free for National Health Service (NHS) workers and social workers from 10 April. The offer was launched to support these key workers at a challenging... [READ MORE →](#)

**Barcelona launches ‘solidarity buses’ to transport COVID-19 patients**
Barcelona’s city transport system has launched a new service of ‘solidarity buses’ to transport COVID-19 patients to secure facilities. Transfers of patients with Covid-19 are now under using T... [READ MORE →](#)
New mobility too?

Micro-mobility as a safer method of essential urban travel

APRIL 06, 2020
From lockdown to gridlock?
Important changes

Severe activity reduction since 13/03/2020
COVID scenario is an abnormal scenario

Demand reduction:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private transport</td>
<td>-70 / -80%</td>
</tr>
<tr>
<td>Public transport</td>
<td>-90 / -95%</td>
</tr>
<tr>
<td>Bicycle lanes</td>
<td>-85%</td>
</tr>
</tbody>
</table>

Modal split:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Before</th>
<th>COVID</th>
<th>SUMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private transport</td>
<td>26%</td>
<td>34,4%</td>
<td>19,9%</td>
</tr>
<tr>
<td>Public transport</td>
<td>37,3%</td>
<td>19,5%</td>
<td>40,8%</td>
</tr>
</tbody>
</table>

- Accident reduction in the same proportion as traffic reduction.
- Increase (in proportion to the reduction in traffic) of speeding offenses

Sources: Barcelona, WeCount TML
Opportunity

Missed  Taken
How are cities coming out of the lockdown?

Question: How do you think this health crisis, and its subsequent financial implications, will impact, in the future, your organisation’s actions on sustainable mobility?

- Crisis brought measures to a halt
- Decreased car use
- Boost of investments
- Investments will remain the same or decrease
- Decreased emissions
- Increased car use
- Decreased walking/cycling
- Increased walking and cycling
- Increased virtual working
- Negative effect on Public Transport
- Too early/Too complex to reach conclusions

Source: Polis membership survey
Piano di azione per la mobilità urbana post COVID
Respacing streets

Sources: Barcelona, Brussels, Milan, Rome
Bike Bonanza

40 km extra bike lanes for Brussels

Existing cycle lanes
Under construction
Emergency cycle lanes – 150 km

250 km of temporary cycling lanes

Sources: Brussels, Rome, Ile-de-France
But also...

Instead of transporting the usual 1.37 mln commuters/day, Milan's subway will work at 30% of its normal capacity, meaning only 400.000 commuters can be transported. For the other 70% - the new plan should bring a part of the solution.

Public transport capacity with a 33% occupancy

- Base supply
- Supply (100% circulations)
- Base demand
- Capacity (33% occupancy)

Public transport is the only high-capacity, long-distance and sustainable system.

Update
4/05/2020:
- mandatory mask
- 50% maximum occupancy

Sources: Barcelona, Milan
Triggers

- Life-changing moments
- A friend in need is a friend indeed
- Biggest sandbox ever
Life-changing moments

COVID-19

www.polisnetwork.eu
Post COVID-19 Mobility Survey

- 43% say their mobility will change
- 35% intend to use bike or e-scooter more
- 29% fear they will use public transport less
- 22% might use their car less

Source: Espaces Mobilités
Biggest sandbox ever
A friend in need...

An integrated multimodal sustainable urban mobility ecosystem
Momentum for joining forces

www.polisnetwork.eu
Urban mobility ecosystem

Integration PT & shared mobility
- take pressure away from PT
- spread capacity & shift travellers to shared bikes, e-bikes and e-scooters
- adopt broader definition of PT
- embrace a mix of mass transit and shared mobility

- Public-Private Partnerships
  - new business models
  - subsidies

- Data
  - Mobility as a Service

picture: Zuid-Limburg bereikbaar
Big happy family?

CORI MaaS: A Social Distancing Mobility Platform

Mobilizing the Mobility Community to Develop and Deploy MaaS with Social Distance:
Maas in service of humanity
CORE MaaS (COVID-19-REsistant MaaS), Horizon 2020 Proposal

www.polisnetwork.eu
1. Keep your eyes on the goal
2. Shift from reactive to proactive
3. Adapt the streets
4. Feed public transport
5. Cities and regions have to lead
Bouncing back
Thank you!

kvancluysen@polisnetwork.eu
www.polisnetwork.eu