PIARC Advisory Group
Overview of COVID-19 actions and trends at international organizations

26 May 2020
Webmeeting
PIARC Advisory Group

- **Purpose**: support the identification and analysis of novel topics warranting attention by PIARC
  - Recent activities at invited organizations
  - Trends in the road sector
  - Identify and progress joint activities

- **Members**: International organization invited by PIARC. Memberships is semi-fixed and varies based on topic and availability

- **Meetings**: 1-2 times per year, often in conjunction with other major international events

- **Contact**: PIARC Technical Advisor for Strategic Partnerships, Anna-Karin Salmi anna-karin.salmi@piarc.org
COVID-19: PIARC Response

Response team
Reports
Webinars

Notes
Webpage
Recent activities at invited organizations

5-minute presentations
Presentations by invited organizations

- CAF – Development Bank of Latin America, Hector Varela
- World Bank, Franz Drees-Gross
- China Highway and Transportation Society, Ningning Wang
- International Road Federation, Susanna Zammataro
- Institute of Transportation Engineers, Jefferey Paniati
- POLIS Network, Ivo Cré
- Transport Research Board, Neil Pedersen
- UITP, Mohamed Mezghani
- Walk 21, Jim Walker
- European Investment Bank, Per Mathiasen
PIARC ADVISORY GROUP

CAF & ROAD INFRASTRUCTURE

April 30th 2020
1. CAF - Development Bank of Latin America
2. Our main focus areas of work
3. Latin America diagnostics
4. Strategic vision
5. Current and future challenges
6. CAF&PIARC strategic relation
1. CAF - Development Bank of Latin America

- Bolivia
- Colombia
- Ecuador
- Perú
- Venezuela

1992 - 2000
- Argentina
- Brasil
- Panamá
- Paraguay
- Chile
- Jamaica
- México
- Trinidad y Tobago

2016
- Bolivia
- Colombia
- Ecuador
- Perú
- Venezuela
- Argentina
- Brasil
- Panamá
- Paraguay
- Trinidad y Tobago
- Uruguay
- Barbados
- Chile
- Costa Rica
- España
- Jamaica
- México
- Portugal
- República Dominicana

Fundadores/Miembros Plenos
Miembros Serie C
2. Our main focus areas of work

1. Public sector financing
2. Private Sector financing
3. Technical cooperation

Support countries in better invest

CAF estrategic

EFFICIENCY
SUSTAINABILITY
EQUITY
INSTITUCIONALITY
INTEGRATION

Road Infrastructure Portfolio (USD billion)

<table>
<thead>
<tr>
<th></th>
<th>Interurban roads</th>
<th>Urban roads</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.500</td>
<td>1.600</td>
<td>5.100</td>
</tr>
</tbody>
</table>
3. Latin America Diagnostic

- Complex geographical context
- Long distance between centers
- Adverse weather events
- Institutional weakness
- High accident rates
- Coverage gap
- Quality gap

[Graph showing data on transportation networks and coverage]

https://scioteca.caf.com/
4. Strategic vision

1. The **uncertainty** regarding the future: COVID-19, new technologies, fiscal space, desglobaliation process, sanitary crisis resilience, …

2. High level of **complexity involving the prioritization of investments** in the road sector. Road infrastructure is a fundamental platform for developing of strategic sectors, cohesion between territories and promoting a good social fabric.

3. Evolution of **governance is key**. There is a need to increase the effectiveness, quality and good targeting of future public sector interventions. Medium and long-term transport plans are very necessary.
5. Current and future challenges

- Promote increases in investment to achieve at least a **200% increase in investments in ground transportation, reaching 2% of GDP** in order to reduce the infrastructure gap and support economic recovery.

- Bring in the skills of the **private sector** to manage some of the current effects caused by COVID-19 and the foreseeable budgetary restrictions in the future.

- Strengthen processes with a long-term view in **promoting efficiency** through: 1) a planning culture; 2) an evaluation culture; and 3) a culture of maintenance.

- Incorporate **new technologies** with the aim of improving productivity and transparency in the construction sector (example: BIM methodology).

- Continue with the generation and **dissemination of knowledge (MOOCs)** and institutional strengthening (example: generating tools that can systematize and share data, especially important for crisis management such as COVID-19).
6. **CAF & PIARC strategic relation**

1. CAF’s contribution from road specialists in the PIARC **Technical Committees**
   - Road safety
   - Resilience
   - Road asset management
   - Low-traffic roads
   - Pavements
   - Public Policies

2. **Events** co-organization in the region

3. Development and dissemination of **knowledge**

4. CAF’s participation in the **PIARC Advisory Group**

5. CAF’s participation **in DIRCAIBEA**
COVID-19 AND THE TRANSPORT SECTOR
IMPACTS AND POLICY RESPONSES

Franz Drees-Gross
Regional Director, Infrastructure
Latin America and the Caribbean Region

PIARC Advisory Group Meeting
May 26, 2020
IMPACT OF COVID-19

• Public Transport
• Aviation
• Global Supply Chains
• Road Transport
PUBLIC TRANSPORT RIDERSHIP PLUMMeted Worldwide and Expected to Recover Slowly

Source: Moovit

Cities included: Bangkok, Bogota, Buenos Aires, Istanbul, Jakarta, Kuala Lumpur, Mexico City, New York, Sao Paulo

<table>
<thead>
<tr>
<th>City</th>
<th>% Moving</th>
</tr>
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<tbody>
<tr>
<td>Barcelona</td>
<td>3%</td>
</tr>
<tr>
<td>Milan</td>
<td>3%</td>
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<tr>
<td>Madrid</td>
<td>4%</td>
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<tr>
<td>San Francisco</td>
<td>4%</td>
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<tr>
<td>Paris</td>
<td>5%</td>
</tr>
<tr>
<td>Rome</td>
<td>5%</td>
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<tr>
<td>DC</td>
<td>5%</td>
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<tr>
<td>Amsterdam</td>
<td>6%</td>
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<tr>
<td>Chicago</td>
<td>6%</td>
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<tr>
<td>NYC</td>
<td>7%</td>
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<tr>
<td>Istanbul</td>
<td>7%</td>
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<td>Tokyo</td>
<td>8%</td>
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<td>London</td>
<td>8%</td>
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<td>LA</td>
<td>8%</td>
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<tr>
<td>Sidney</td>
<td>12%</td>
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<tr>
<td>Sao Paulo</td>
<td>12%</td>
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<tr>
<td>Mexico City</td>
<td>13%</td>
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<tr>
<td>Berlin</td>
<td>14%</td>
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<tr>
<td>Moscow</td>
<td>16%</td>
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<tr>
<td>Singapore</td>
<td>17%</td>
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<tr>
<td>St. Petersburg</td>
<td>25%</td>
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<tr>
<td>Stockholm</td>
<td>28%</td>
</tr>
<tr>
<td>Seoul</td>
<td>36%</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>38%</td>
</tr>
</tbody>
</table>

Source: City Mapper
DESPITE LARGE CAPACITY CUTS WORLDWIDE, RECOVERY IS UNDERWAY IN CHINA

International Seat Capacity Reduction by Region (Jan/2020 – Apr/2020)

Weekly Airline Seat Capacity on Domestic Routes (million)

Source: ICAO. Effects of Novel Coronavirus (COVID-19) on Civil Aviation: Economic Impact Analysis

Source: The Economist.
WORLD TRADE VOLUMES PLUMMETED WHILE COUNTRIES IMPLEMENT EXPORT RESTRICTIONS

World Merchandise Trade Volume, 2000-2022

Exports of Medical Supplies and Medicines (83 countries with new export controls since January)

Source: WTO

Source: Global Trade Alert team and World Bank
WORLD BANK RESPONSE

- PPPs on Road Transport
- Labor Intensive Works
WORLD BANK IS CONDUCTING ASSESSMENTS OF IMPACTS ON INFRASTRUCTURE PPPs

Assessment
Infrastructure Concessions Under Stress and Analysis of Financial Impact

Dialogue
Discussion with Governments on alternatives to support PPPs

Support
Credit enhancements to proceed with PPPs

Example: Highway PPPs
Reduction in toll revenues due to collapse in traffic volumes

- Longer Concession Periods
- Offset by Government Payments
- Backloaded Investment Requirement
- Traffic volume guarantees
<table>
<thead>
<tr>
<th></th>
<th>Short Term</th>
<th>Medium Term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>Some studies can continue, others cannot</td>
<td>Small delays compared with the contract term, in some cases redesign will be needed</td>
</tr>
<tr>
<td><strong>Tendering</strong></td>
<td>In some cases deadline will have to be extended</td>
<td>Risk of no bidders considering a big change in government solvency</td>
</tr>
<tr>
<td><strong>Looking for Financing</strong></td>
<td>Delays, higher volatility in FX</td>
<td>• Lack of market liquidity, no private interest considering government solvency</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>Construction stops because lack of workers or supplies. Maybe liquidity struggles</td>
<td>• Significant delays in financial close</td>
</tr>
<tr>
<td><strong>Operation</strong></td>
<td>Lower revenues from users</td>
<td>• Delays, overruns because of fixed cost, permanent change in the price of supplies, difficulties for refinancing</td>
</tr>
</tbody>
</table>

PPPs ARE UNDER STRESS AND IMPACTS ARE SEEN FROM PREPARATION TO OPERATION
Finance the implementation of labor-intensive, shovel-ready, sustainable transport assets – rural roads, sidewalks and bike-lanes.

Front-load project activities (such road maintenance and spot improvements) will help job creation
Short-term employment generated by a USD1 billion public investment

(calculated for Latin America after the 2008/9 Global Financial Crisis)

Source: Schwartz, Andres, Dragoiu, WB, 2009
WB Response to COVID-19 in Transport

Thank You
BRITA ACTIVITIES and ROAD TRAFFIC MEASURES at COVID-19 TIME

Ningning Wang

China Highway and Transportation Society

MAY 26, 2020
A GLANCE at BRITA
1. BRITA

1.1 Background

➢ On 5 June of 2017, the Belt and Road Roundtable Meeting for International Transport Cooperation was convened on in Beijing. More than 60 delegates from over 20 countries and regions reached a consensus on establishment of the Belt and Road International Transport Alliance (BRITA) to promote the innovation, fusion and development of global transport technology.

➢ In June, 2019, the 2019 plenary session of BRITA was held in Beijing, 17 organizations and companies signed the Framework Agreement on Partnership of Board Members of BRITA.
1. BRITA

1.2 BRITA Members (Cont.) [more members from more nations expected]

- Afghanistan
- Armenia
- Bangladesh
- Canada
- Croatia
- Czech
- El Salvador
- Greece
- Hong Kong
- Lao
- Lithuania
- New Zealand
- Saudi Arabia
- Uganda
- Brazil
- Ethiopia
- Finland
- India
- Indonesia
- Iraq
- Italy
- Thailand
- Turkey
- Spain
- Switzerland
- Uzbekistan
- Australia
- Pakistan
- Singapore
- Sri Lanka
- USA
- Malaysia
- UK
- Nepal
- Russia
- South Africa
- Latvia
- Nigeria

Country Membership Distribution Chart
1.3 BRITA Committees

- Road Safety Committee: IRAP, Tongji University
  - International Comparative Analyses of Road Traffic Safety Statistics and Safety Modeling

- ITS Committee: ERTICO, China-ITS
- Green & Sustainable Committee: IRF, TPRI (规划院)
- Bridge Technical Committee will be released on June 19, 2020.
2.1 What BRTA have done

World Transport Convention (WTC)

• The WTC held its inaugural international conference on 4 June 2017, and held annual convention in 2018 and 2019. Over 5000 participants.

2017 2018
2.1 What BRTA have done

• 1. China - Africa Infrastructure International Transport Symposium, June 2018

• 2. BRITA Plenary Meeting, June 2019

• 3. BRITS (Belt and Road International Transport Symposium), June 2019
BRITA international Conference in Nepal March 2019

Hon Puspha Kamal Dahal (Prachanda), Chairman of Nepal Communist Party and Former Prime Minister of Nepal; Chinese Ambassador to Nepal Ms. Hou Yanqi and other Nepali officials Presented the event, and made it successful.
2.2 Events to be Organized

• BRITA Board Meeting (June 19, 2020)
• International Forum on Transport Cooperation Between Greece And China (TBD)
• United Nations Global Sustainable Transport Conference (TBD)
• Mobility Management Meeting (TBD)
• ITS 2020 (TBD)
• International Cooperation Projects
03

Road Traffic Measures at COVID-19 Time
3.1 Main measures

Main measures (Ministry Of Transport)

- Issue protection guidelines
- Transport support for emergency supplies
- Return trip guarantee for migrant workers
- The Motorway toll free
3.2 Road passenger transportation

- Road passenger transportation for example:
  - 50% of the rated passenger load, and guide passengers to keep a certain distance from each other.
  - Rear two rows as on-way isolation area, effectively prevent cross-infection.
  - Set the observation station along the bus route, in case of passenger fever symptoms.
  - Collect passenger information through online ticket-seller system, scanning QR code online filling, etc., and promptly forward to the health department.
3.3 The highway toll free

- The highway toll free:
  - Toll free for **small passenger cars** (since January 23)
  - Toll free for **vehicles transporting emergency supplies/medical/patient for epidemic prevention**, with convenient pass priority. (Since January 25)
  - Toll free for **chartered vehicles** transporting migrant workers organized by the local government to return to their posts, with convenient pass priority. (Since February 7)
  - Toll free for **all vehicles** on the toll road. (Since February 17 to the end of the epidemic prevention and control work)
Thank You for Your Attention!

Ms. Wang Ningning:18811777056@163.com
INTERNATIONAL ROAD FEDERATION (IRF)

PIARC ADVISORY GROUP MEETING
26 MAY 2020

SUSANNA ZAMMATARO
DIRECTOR GENERAL

www.irfnet.ch
Assisting public and private stakeholders in Roads & Mobility sector for the past 72 years

3 Strategic Pillars of Activities:

Knowledge
Connections
Advocacy

Global, Independent, Not-for-profit Organisation established in 1948.

Based in Geneva, Switzerland. UN ECOSOC status since 1951.
Working Group
Data Sharing for Sustainable Urban Mobility

IRF Co-leads with wbcSD
IRF WORLD ROAD STATISTICS

• Edited yearly since 1964 (56 years).

• Covering 208 countries, 56 indicators, 11 sections.

• Data collected from primary statistical sources (Ministries, Road Authorities, National Statistical Offices).

• Definitions based on the Glossary of Transport Statistics (ITF/EUROSTAT/UNECE) and The World Bank.

www.irfnet.ch
World Road Statistics - Europe Road Safety Dashboard

(All data is reported directly from official sources)

**Road Accident Injuries**

- Injury Casualties
- Injured Persons
- Persons Killed
- WHO Estimated Deaths

**Austria**

- Population: 8,797,566
- Road Network Density: 1.66 km/km² (2017)
- High Income

**Vehicles in Use**

- Number of Vehicles in Use

**Total Vehicles**

- 2000 to 2016

**Road Accidents: Country/Region**

- Persons killed per 100,000 population
- Injury accidents per 100,000 population

<table>
<thead>
<tr>
<th></th>
<th>2017 Average</th>
<th>2017 Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>4.7</td>
<td>425.1</td>
</tr>
<tr>
<td>High Income Average</td>
<td>4.8</td>
<td>192.9</td>
</tr>
<tr>
<td>Europe Regional Average</td>
<td>6.0</td>
<td>191.9</td>
</tr>
</tbody>
</table>

**Road Network Length**

- Kilometers of Road

- Motorways / Highways
- Main / National
- Secondary / Regional
- Other

www.irfnet.ch
Capacity-Building... in the country

- Multi-stakeholders capacity building on data
- RS in-country Private Sector Coalitions
- T2 Centres in Africa,
- UNRS Trust Fund Project Tanzania
- New On-line trainings on Sustainability

www.irfnet.ch
• IRF Position Paper on Recovery post Covid-19
• Webinars: 10 June – Impacts on LMICs
  16 June – Resilience
  23 June – Assets Management
• IRF Africa Board
• Resources: Slocat & SuM4All
COVID-19 IN THE UNITED STATES

MAY 25, 2020
JEFFREY F. PANIATI
EXECUTIVE DIRECTOR & CEO
INSTITUTE OF TRANSPORTATION ENGINEERS
ITE RESPONSE TO COVID-19

• Curated Resource Page
  Transportation Resources, Transportation Impacts, Organizational Tools, Personal/Family Guidance

• Deeper Dives
  Transportation Talks Podcast - Future of Transit
  Learning Hub Webinar - Open Streets for Walking and Biking
  Working Group - Traffic Counting Considerations

• New Engagement Opportunities
  Virtual Drop-ins – 30-minute, Unstructured Focus-Group Discussions Every Tuesday and Thursday

• Reimagined ITE Annual Meeting and Exhibit
  August 4-20
  Tuesday-Thursday, 11:00-5:30 EDT
  Plenary and Technical Sessions, Poster Presentations, Workshops
  Exhibitor Showcase
TRANSPORTATION IMPACTS

AIR TRAVEL
- Domestic Flights down 68%
- International Flights down 91%
- Passenger Screenings down 92%

MASS TRANSIT
- Rail Travel down 85-95%

TRAFFIC VOLUMES
- Truck Volumes: steady at 95% of prior year
- Auto Volumes:
  - Late March to late April – 50-60% of prior year
  - Mid-May – 75-80% of prior year

SAFETY
- 2020, Quarter 1:
  - Fatalities down 8%
  - Fatality Rate up 14%

OPEN STREETS
- Hundreds of miles of urban streets opened for increased walking and biking
Short-Term (Pre-Vaccine) Expectations

• This period could last 8 to 18 months,
• Conditions will continue to vary regionally,
• May involve localized closures (Fall?) due to reemergence of virus,
• Remotely enabled workers (30%) will exclusively or largely continue to work from home (WFH),
• Activity will be determined by individual risk assessments, not just “openings,”
• Activity will be “generational” – young people more, older people less.
Short-Term (Pre-Vaccine) Transportation Impacts

• Overall passenger transportation demand will remain depressed,

• Freight transportation demand will be at or above historic levels,

• Air travel will be dramatically depressed,

• Transit use/service will be limited to essential/service workers with limited options,

• Micromobility options/usage will be limited,

• Biking and walking will continue at elevated levels for short distance travel and exercise,

• Single Occupant Vehicle (SOV) usage will have increased mode share; congestion will remain down,

• Overall fatalities will remain down; fatality rate will remain elevated.
LONGER-TERM QUESTIONS AND IMPLICATIONS

• Reduced Long-Distance Travel
  • Continued reliance on video conferencing
  • Reduction in travel budgets

• Shift to Permanent (full or part time) WFH Arrangements
  • Widespread comfort with technology tools
  • Increased employer confidence in managing employee productivity remotely
  • Increased worker desire to work remotely

• Reduction in Demand for Downtown Office Space
  • Impacts on Central Business Districts – restaurants, business, parking
  • Change in demand for micro-mobility
LONGER-TERM QUESTIONS AND IMPLICATIONS (CONTINUED)

• Mode Shift Away from Mass Transit and Toward Single Occupant Vehicles
  • Change in rationale for & availability of transit – equity considerations
  • Potential increase in congestion and parking demand
  • Increased space for walking and biking

• Funding for Transportation
  • Federal stimulus/reauthorization
  • COVID-19 budget pressures at State and local level
  • Length and shape of recovery
FOR MORE INFORMATION

ITE COVID-19 RESOURCE CENTER

HTTPS://WWW.ITE.ORG/ABOUT-ITE/COVID-19-RESOURCES/
Urban Mobility in times of COVID-19

Ivo Cré, Polis
No recipe for this disaster

COVID-19
KEEPING THINGS MOVING

POLIS
CITIES AND REGIONS FOR TRANSPORT INNOVATION

www.polisnetwork.eu
## Cities stepping into the frontlines

<table>
<thead>
<tr>
<th>Rotterdam uses camera car for compliance with corona rules</th>
<th>Data from Rome reveals changing travel during COVID-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>To enforce compliance with the rules regarding group formation and to keep sufficient distance, the municipality of Rotterdam is using two Arvo car cameras. The camera cars will be used specifically.</td>
<td>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...</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Zealand invests in pop-up bike lanes and safer streets during lockdown</th>
<th>Manchester launches free metro offer for health and social workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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 time.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Budapest launches temporary bike lanes to get city moving</th>
<th>Barcelona launches ‘solidarity buses’ to transport COVID-19 patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 alternative...</td>
<td>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 way using these buses.</td>
</tr>
</tbody>
</table>

www.polisnetwork.eu
From lockdown to gridlock?
Redistributed space

Active travel boom

Cleaner air

No congestion
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
Fast-tracking

COVID19 and the Brussels’ Sustainable Urban Mobility Plan

Mobility measures in Brussels to enable social distancing and tackle COVID19

Piano di azione per la mobilità urbana post COVID

RME
RETE DI MOBILITÀ D’EMERGENZA

Strade Aperte
Strategie, azioni e strumenti per la ciclabilità e la pedonalità, a garanzia delle misure di distanziamento negli spostamenti urbani e per una mobilità sostenibile

www.polisnetwork.eu
Respacing streets

Sources: Barcelona, Brussels, Milan, Rome
But also...

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

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.

Sources: Barcelona, Milan

www.polisnetwork.eu
Triggers

Life-changing moments

Biggest sandbox ever

A friend in need ...

An integrated multimodal sustainable urban mobility ecosystem
Integrated multimodal sustainable 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
Bouncing back

- Cities and regions have shown they can act fast in times of emergency
- PT is an essential service we can rely on
- Active travel has proven more than ever it deserves more space
- Cities and regions will show their resilience, but...

They need support from other levels of government!
Thank you!

icre@polisnetwork.eu
www.polisnetwork.eu/2020-anual-polis-conference/

www.polisnetwork.eu
TRB’s Response to COVID-19

PIARC Advisory Group

May 26, 2020
TRB’s Response to COVID-19

- National Academies’ Standing Committee on Emerging Infectious Diseases and 21st Century Health Threats
- Conversion of all meetings to online; postponement of conferences, potential for online conferences
- Communications: website, e-newsletter, social media postings
- Cooperative Research Program reports and Transportation Research Record papers related to pandemics/emergency management
- TRID database featuring pandemic/communicable diseases
TRB’s Response to COVID-19

• Research issues related to COVID-19
• Research Needs Statements Express
• CRP research projects being identified; NCHRP $1m set aside
• TRB committees addressing COVID-19 issues
• Marine Board 2-day session on COVID-19
• TRB webinars: pandemic best practices; supply chain issues
• Update to *Critical Issues in Transportation 2019*
• TRB Annual Meeting planning
Potential Joint PIARC-TRB Activities

• Liaisons communicate about activities of each partner with committees
• PIARC presentations during TRB Annual Meeting
• Joint webinars
• Joint committee meetings
• Promotion in partner communications (e.g. e-newsletters) and publications
• PIARC will be a liaison on TRB’s International Council
Covid-19 pandemic: First lessons learned for public transport & recent UITP activities

Mohamed Mezghani
Secretary General

@MedMezghani
FIRST LESSONS LEARNED FROM COVID-19

• The essential role of public transport

• The need to restore trust to welcome passengers back

• The need for financial support

• The growing need to develop sustainable mobility solutions
RECENT UITP ACTIVITIES

- Knowledge
- Exchange Platform
- Advocacy
- Campaigns
- Webinars
Streets for Pandemic Response & Recovery

PHOTO CREDIT: AFP
https://www.straitstimes.com/world/europe/super-spreaders-covid-19-myth-or-reality
COVID-19
Public Health
Civil Emergency

Enabling the City to Return to Work
Interim Mobility Intervention Programme for Dublin City
May 2020

COV19
Public Health
Civil Emergency

2019 Figures
Likely Future Change
Potential Future Figures

<table>
<thead>
<tr>
<th>Category</th>
<th>2019 Figures</th>
<th>Likely Future Change</th>
<th>Potential Future Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Public Transport</td>
<td>116,287</td>
<td>80% Capacity Reduction</td>
<td>30,000</td>
</tr>
<tr>
<td>Car</td>
<td>57,985</td>
<td>Approx. 30% reduction</td>
<td>41,000</td>
</tr>
<tr>
<td>Taxi</td>
<td>2,661</td>
<td>Assume 30% reduction</td>
<td>1,900</td>
</tr>
<tr>
<td>Walk</td>
<td>24,691</td>
<td>Target 100% increase</td>
<td>50,000</td>
</tr>
<tr>
<td>Cycle</td>
<td>13,131</td>
<td>Target 300% increase</td>
<td>39,000</td>
</tr>
<tr>
<td>Goods</td>
<td>983</td>
<td>No change</td>
<td>1,000</td>
</tr>
<tr>
<td>Motorcycles</td>
<td>1,485</td>
<td>No change</td>
<td>1,485</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>217,223</strong></td>
<td></td>
<td><strong>163,385</strong></td>
</tr>
</tbody>
</table>

Pedestrians and Cyclists
Inbound and Outbound 7am - 10am

[Graph showing pedestrian and cyclist counts]
88% of pedestrian travel occurs on roads that are unsafe
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Thank you for your attention!

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