

Public Transport in the New Adaptative Era

An Era to Re-Invent Public
Transport

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Public Transport Condition in Asia Pacific



Public Transport
Still Need to be Improved



Significant concern
improvement on Public
Transport

- In 2019, four out of the top five most congested cities in the world are in Asia (Jakarta number 10)¹
- In Ulaanbaatar, Mongolia, low-income commuters can spend as much as 24 to 36 percent of their monthly expenses on bus fare²
- BRT, MRT, LRT
- Non-motorised Transport System (e.g. Pedestrian, Bike lane, Bike-sharing)

Source:

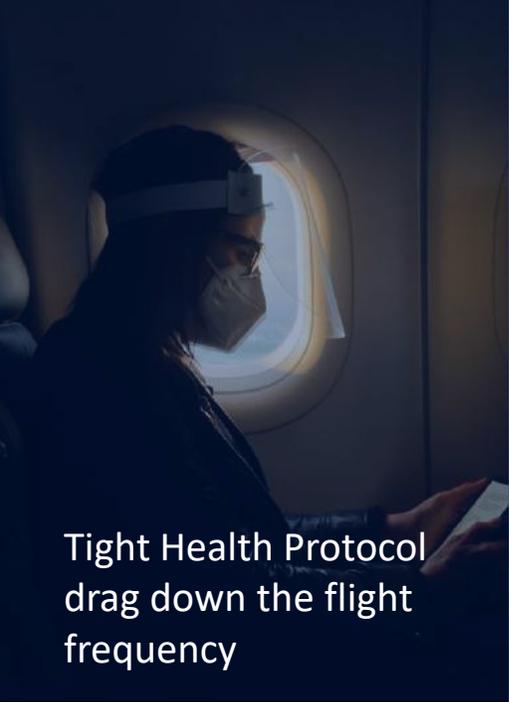
¹ https://www.tomtom.com/en_gb/traffic-index/ranking/

<https://en.tempo.co/read/1303852/jakarta-ranks-10th-on-worlds-most-congested-cities-list>

² <https://www.worldbank.org/en/region/eap/publication/east-asia-and-pacific-cities-expanding-opportunities-for-the-urban-poor>



Congestion situation in New Delhi
India



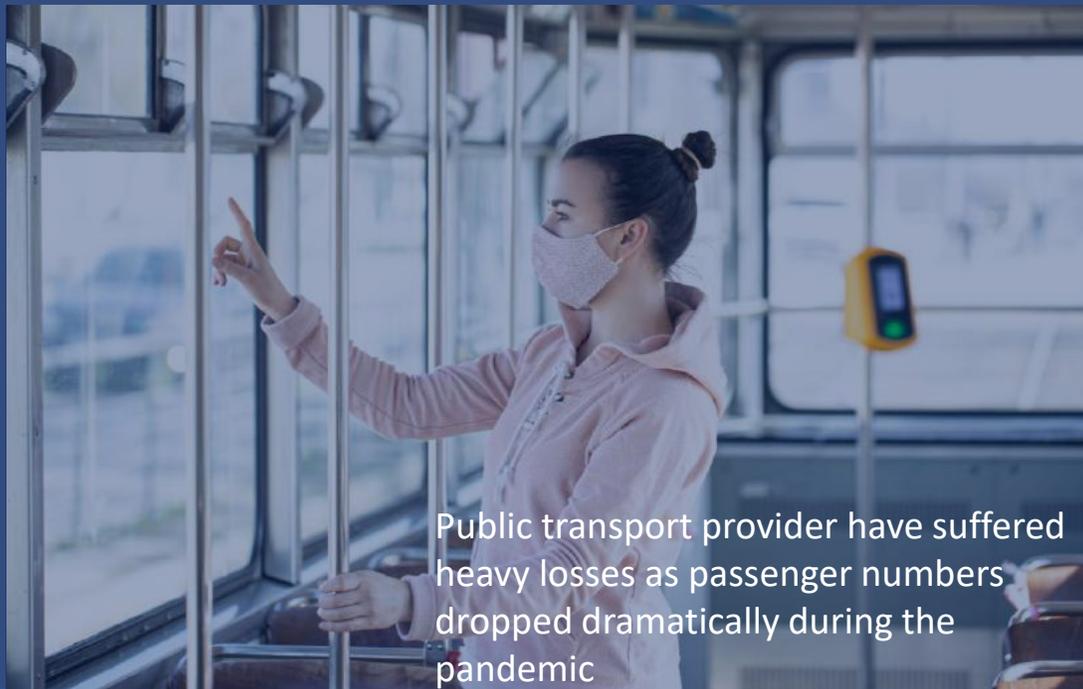
Tight Health Protocol drag down the flight frequency



Vulnerable group also expose huge risk during COVID-19 in public transport



Vulnerable economic group that works in public sector slumped due to COVID-19



Public transport provider have suffered heavy losses as passenger numbers dropped dramatically during the pandemic

The Pandemic have quite an impact!

COVID-19 Pandemic: How bad has it impacted Public Transport?

- The needs to use public transport dropped in most of Asia – Pacific countries
- The economic impact has been profound on the public transport industry

We should consider the “safe” public transport and plan the preventive similar situation in the future



What Shall We Do in Addressing the New Adaptive Era on Public Transport

Transport providers must cope with this new adaptive era

- Apply distancing protocols
- Operate at less crowdedness as possible in peak hours
- Clean and disinfect vehicles and facilities
- Enforce rules and regulations
- Enhance public service
- Use the increased importance of ICT

“The Government should be implementing the win-win policies and start to utilise the citizen's behavioral analysis regarding their mobility, to capture possible intervention that will not only supports better mobility but also reducing the virus spreading risk”



Re-thinking to Build Sustainable Infrastructure for Public Transport

Focus on infrastructure in the new adaptative era

- Sidewalk, bike line, and scooters, safe non-motorized transport network – ensure the safety of pedestrians and cyclists.
- Understand and accommodate the needs of people – women and children, senior citizens, disabled, etc
- Adoption of smart technology
- Sustainable urban development plan with resilient strategy from the pandemic

Creating policies for future sustainable public transport

- Electric Vehicle
- Road Pricing
- Parking Fare System
- Intelligence transport system

A budget used for building smart cities and urban transport system





What has UCLG ASPAC been doing during the COVID-19 pandemic?

Exchange initiatives – Organised more than 30 web-shared or daring sessions on Local Governments and COVID-19

Local economic & health impact, assessment on local finance, SDGs and COVID-19, data synchronization, tourism development, telemedicine, digitalisation, gender equality, etc.

Compiling initiatives, actions or best practices from cities and local governments

More than 500 cases were collected worldwide through Metropolis/UCLG platform)



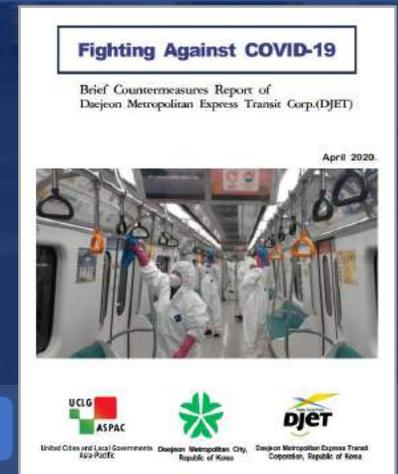
Produced quick guidelines Local Governments & COVID-19, public transport with DJET

Promote City-to-City Solidarity

Donations: PPEs
Cooperation: telemedicine, virtual public space, etc

[Free Download](#)

https://uclg-aspac.org/wp-content/uploads/2020/04/final_20200421Fighting-Against-Covid-19_DJETs-Brief-Countermeasures-Report.pdf



Conclusion

- Create more humanism cities and streets - Identify what people need now! What they demand to governments. At the end, transport is a service sector that depends so much on people behavior;
- Holistic – inter-ministerial transport – public transport is not the only solution, but city planning should be relooked – 15 mins walking distance for community, house and jobs balancing;
- Focus on infrastructure in new adaptive era – pedestrian, bike line, and scooters, how to make a safe network. It is timely for city to develop infrastructure for the divergence between ICT and mobility to embrace Mobility as a Service.
- The budget should be invested more in the new infrastructure of public transport with a bike, scooter, pedestrian pass rather than the car lane.
- Sincronised role of central and local governments – the role of international organisations; central government puts new strategy, provide enabling environment (easy access for resources, guidelines, etc); local governments act with the knowledge and data. The international organisations like UCLG ASPAC provide best practices, exchange of knowledge and peer-to-peer learning.



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