Measuring for progress: global indicators in the era of the city

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UITP at a glance
A DIVERSE MEMBERSHIP

1,700 member companies
- Operators
- Authorities
- Policy decision-makers
- Research institutes
- The public transport supply and service industry

23,000 member contacts

From 99 countries
A WORLDWIDE ASSOCIATION

16 offices

NORTH AMERICA
- Regional Office | New York City

LATIN AMERICA
- Regional Office | São Paulo

EUROPE
- Main Office & Centre for Training | Brussels
- Liaison Office for Turkey | Istanbul

AFRICA
- UATP - Regional Office | Abidjan
- Liaison Office for Southern Africa | Johannesburg

EURASIA
- Regional Office | Moscow
- Liaison Office for Kazakhstan | Astana

MIDDLE EAST & NORTH AFRICA
- Regional Office and Centre for Transport Excellence | Dubai
- Liaison Office for Maghreb | Casablanca
- Liaison Office for Iran | Tehran

ASIA-PACIFIC
- Regional Office | Hong Kong
- UITP ANZ - Regional Office for Australia / New Zealand | Melbourne
- Regional Office for India | Bengaluru
- Liaison Office for China | Shenzhen
- Centre for Transport Excellence | Singapore
Global agendas
Initiatives and indicators sought
GLOBAL AGENDAS

- **UITP Sustainable Development Charter** – adopted in 2003, containing voluntary reporting on sustainability metrics
- **2015 adoption of the Sustainable Development Goals**, including a specific urban goal: SDG 11, and target 11.2 looking to measure ‘convenient access to public transport’
- **2016 adoption of the New Urban Agenda** calling for sustainable urban planning and urban mobility linking people, places, goods, services and economic opportunities
- **2018 UN review of progress on SDG 11**
KPIs linked to SDG 11.2

- SOC 6: How accessible is your network to the less abled?
- ECO 1: Total passengers carried
- ECO 7: Modal split of public transport in served area
- ECO 8: Annual capital investments in public transport improvement or improved efficiency measures
- ECO 9: Average age of the vehicle fleet
- ECO 10: Average commercial speed
- ECO 11: Produced seat-kilometres per operations employee
- ECO 14: Separate right-of-way in network
- ECO 15: Coverage rate (percentage of households and jobs well served within 500 meters from a public transport stop)
‘Access for all’ workstream: 3 tiers of complexity:

• **Basic indicators:**
  - Length of public transport lines per area
  - Vehicle fleets per motorized transport mode
  - Number of public transport journeys by mode of transport
  - Vehicle-km offered per public transport mode
  - Number of public transport stops per area
  - Passenger volume by mode of transport

• **Intermediate indicators:**
  - Population within 500 m of frequent public transport stop
  - Average percent of income spent on transport per resident
  - Modal share of different passenger modes
  - Passenger km travelled by mode of public transport
  - Goods VKM travelled in the city per capita

• **Advanced indicators:**
  - Accessibility of the public transport network to persons with disabilities or in vulnerable situations
  - Reduction in the percent of women who are deterred by fear of crime from getting to and from public transport
  - Number of jobs and city services (e.g. hospitals, schools, etc.) accessible to the average city resident
Public transport data

Indicators widely collected, comparable across cities
Urban rail development (km)

- **Metro**: 293, 603, 729, 1039, 960
- **LRT**: 236, 289, 236, 309, 311
- **Total**: 529, 892, 966, 1348, 1271

Years: 2014, 2015, 2016, 2017, 2018
Carriages per kilometre of line

- Asia-Pacific: 7.4
- Eurasia: 9.9
- North America: 9.2
- Latin America: 9.5
- MENA: 9.1
- Europe: 8.9
QUESTIONS?