Mobility at the heart of Sustainable Cities

Prospects for MENA Region and Key Challenges

Ayman Smadi
Director
UITP MENA and Center for Transport Excellence

FRIEDRICH EBERT STIFTUNG
19.11.2019
Cairo
UITP AT A GLANCE

UITP is the International Association of Public Transport, a passionate champion of sustainable urban mobility. It is the only worldwide network to bring together all public transport stakeholders and all sustainable transport modes.
Growing urban population and increasing demand for mobility
Key mobility attributes

- Urbanization and reactive land-use policy
  - Car-oriented
  - Rapid motorization
  - Traffic congestion
- Severe socio-economic and environmental impacts
- Informality
- Major initiatives to enhance public transport
- Constrained public budgets
The road to better mobility

Imagine providing affordable, sustainable and convenient mobility options to all, including people living in suburban or rural areas...
Digitalisation & connectivity
Towards tailor-made
<table>
<thead>
<tr>
<th>Country</th>
<th>Careem</th>
<th>Bolt</th>
<th>temtem</th>
<th>YASSIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algeria</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bahrain</td>
<td></td>
<td>Careem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Egypt</td>
<td>buseet</td>
<td>Careem</td>
<td>Careem</td>
<td>Uber</td>
</tr>
<tr>
<td>Iraq</td>
<td></td>
<td>Bolt</td>
<td>Careem</td>
<td></td>
</tr>
<tr>
<td>Jordan</td>
<td></td>
<td></td>
<td>Jeeny</td>
<td>Uber</td>
</tr>
<tr>
<td>Kuwait</td>
<td></td>
<td>Careem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lebanon</td>
<td></td>
<td>Careem</td>
<td></td>
<td>Uber</td>
</tr>
<tr>
<td>Morocco</td>
<td></td>
<td>Careem</td>
<td></td>
<td>YASSIR</td>
</tr>
<tr>
<td>Oman</td>
<td></td>
<td>Careem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Palestine</td>
<td></td>
<td>Careem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KSA</td>
<td></td>
<td>Bolt</td>
<td>Careem</td>
<td>Uber</td>
</tr>
<tr>
<td>Sudan</td>
<td></td>
<td>Careem</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tunisia</td>
<td></td>
<td>Bolt</td>
<td></td>
<td>Kapy</td>
</tr>
<tr>
<td>UAE</td>
<td></td>
<td>Careem</td>
<td></td>
<td>Uber</td>
</tr>
</tbody>
</table>
Change your attitude not the climate.
The time for voluntary action is over.
Hare Krishna
Food for All
Recycling
And Compost Point
There is no planet B
Our planet
Our future
System change not climate change
The world is in your hands
Climate action common sense job
Go vegan
Stop burning our future
Denial is not a policy
Make climate change the central issue
It's getting hot in here. So take action.
THE ELECTRIFICATION OF PUBLIC TRANSPORT
DECARBONISATION OF PUBLIC TRANSPORT
Alternative fuels & e-mobility

- **TUNIS**: Electric bus
- **AMMAN**: HEV / Electric taxi
- **ALEXANDRIA**: Electric bus
- **CAIRO**: CNG bus, CNG taxi
- **DOHA**: Electric bus
- **TEHRAN**: CNG bus, CNG taxi, HEV taxi
- **SHARJAH**: HEV taxi
- **DUBAI**: HEV taxi
- **ABU DHABI**: CNG taxi, HEV taxi, Electric bus
BIKE-SHARING SCHEMES

Serco

nextbike

smoove

hello-bike

mobike
E-SCOOTER

Gaining popularity

- First and last mile solution
- Pilot stage
- Some examples in Dubai and Cairo
- Safety issues
- Connectivity with public transport
THE CITY WE WANT

A city for people not cars
URBAN DESIGN

Accessibility and mobility for all

Interim
Cities re-organize their streets to prioritize the most efficient modes, increasing mobility options and safety for everyone. Pricing and transit-priority policies lead to VMT decreases.

Future
Supported by smart street design, AV technologies enable further reductions in emissions and VMT and improvements in safety.

Road space is the most valuable asset in a city and it is a resource that society can use as it pleases
Enrique Peñalosa
OUTLOOK FOR MENA

Key factors

- Public transport at **core** of urban mobility agenda
- **e-mobility** requires a systematic and integrated approach
- New players (app-based, **micro-mobility**)
- Emerging **business models**
- Region can benefit from **innovation**
- **Shared** mobility (electric, micro, on-demand, autonomous, …)
- While economic outlook is constrained, PT projects can be **catalyst** for adding growth and addressing unemployment
- **Capacity building** key opportunity
Thank you

Ayman.Smadi@uitp.org

Building the Future of Mobility
13-15 April 2020, Dubai