



**“SUSTAINABLE MOBILITY
FOR ALL (SUM4ALL) IN
2030 AGENDA.”**

Arturo Ardila-Gomez

Global Lead for Urban Mobility and Lead Transport Economist

ASIAN MAYORS FORUM ON EST. Ulaanbaatar. October 5th, 2018.

SUSTAINABLE MOBILITY FOR ALL: SM4ALL



Universal Access



Efficiency

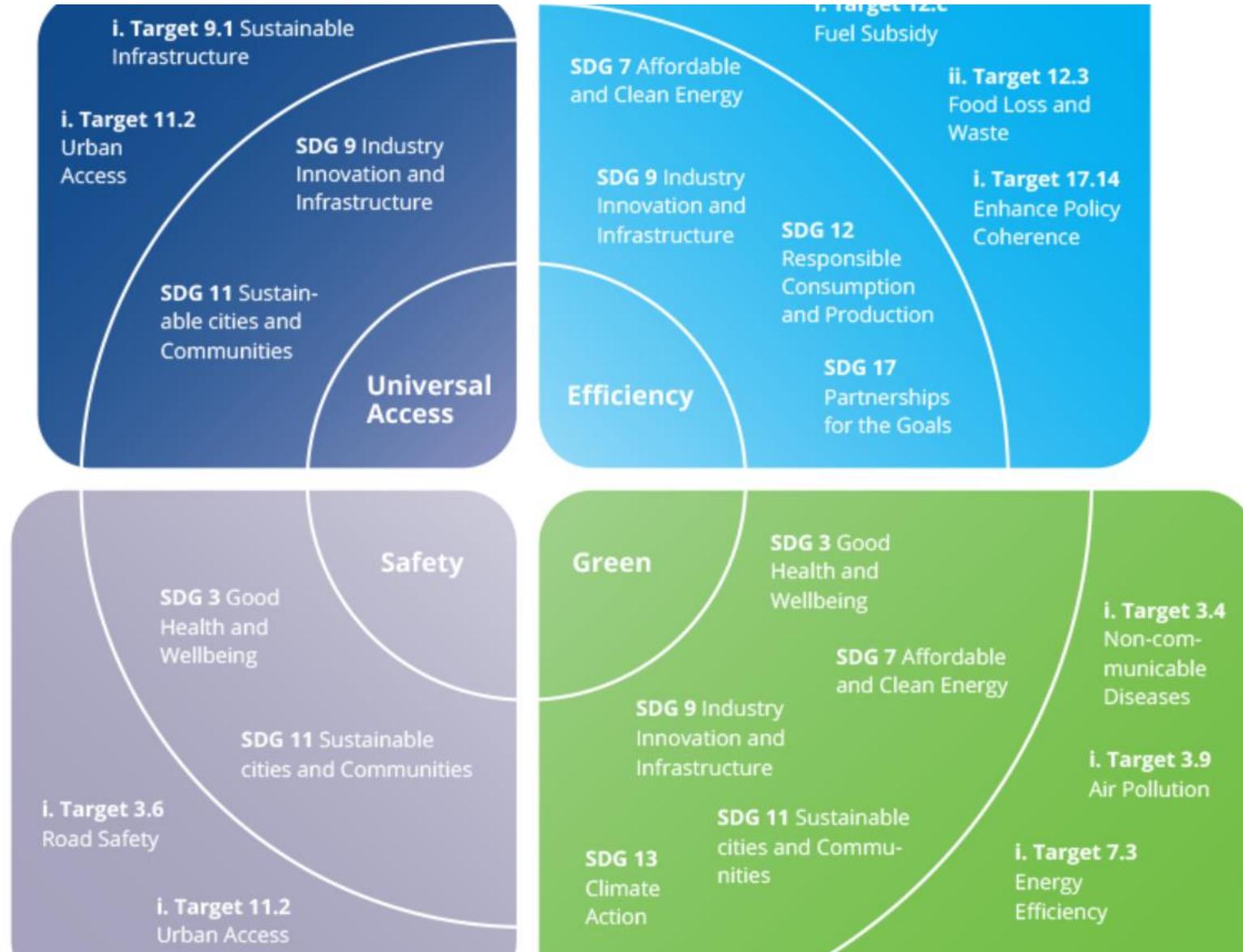


Green Mobility



Safety

SM4ALL AND SUSTAINABLE DEVELOPMENT GOALS





UNIVERSAL ACCESS



Universal Access

The universal access objective aims to “ensure for all equitable access to economic and social opportunities by 2030.” Equity and inclusivity are at the heart of Universal Access.



EFFICIENCY



Efficiency

The Efficiency objective aims to “increase the efficiency of transport systems by 2030.”

1. Productive efficiency
2. Allocative efficiency



GREEN MOBILITY



Green Mobility

The Green Mobility objective aims to shift transport systems onto the low polluting (GHG/air/noise), climate resilient path.



SAFETY



Safety

The Safety objective aims to “improve safety of mobility across transport modes.”

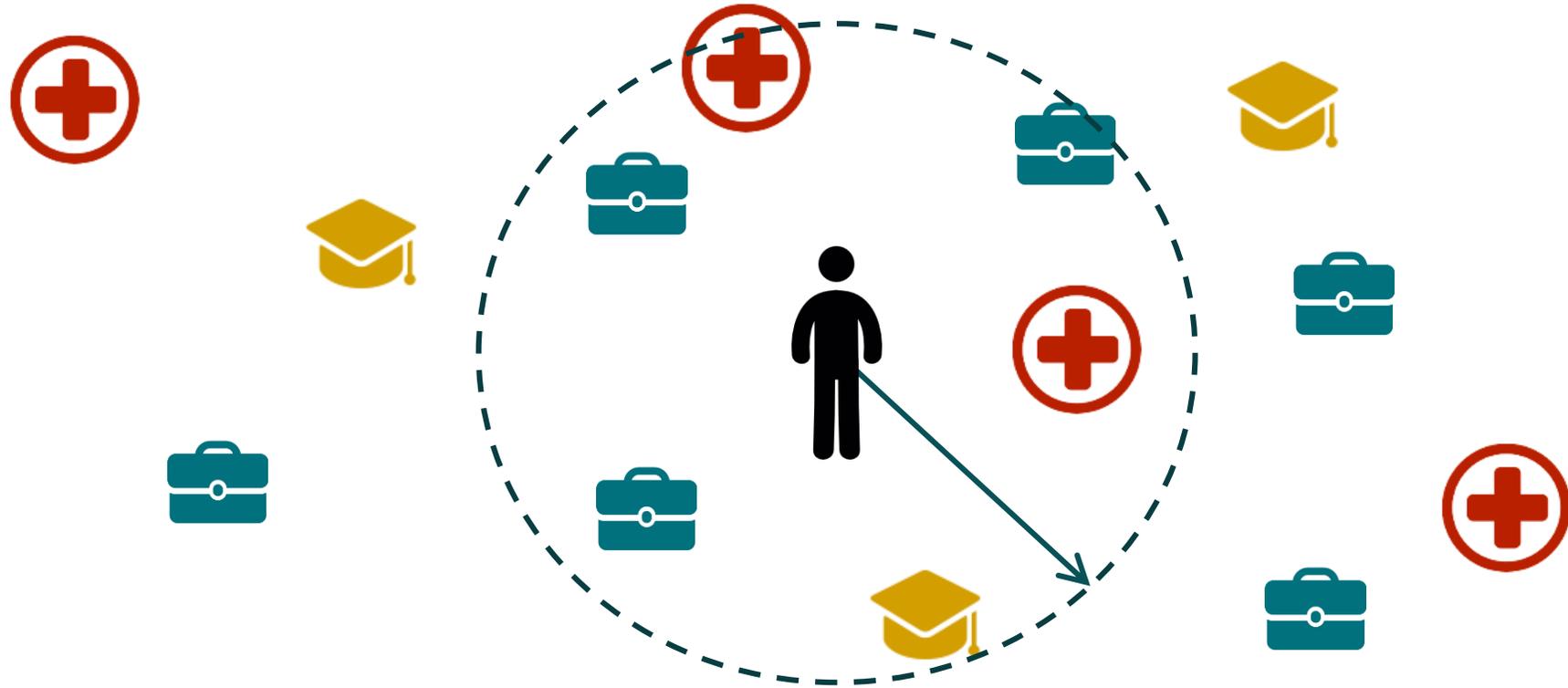
GLOBAL TRACKING FRAMEWORK

The Global Tracking Framework for transport is a new platform of indicators and data to help track global progress towards sustainable mobility.

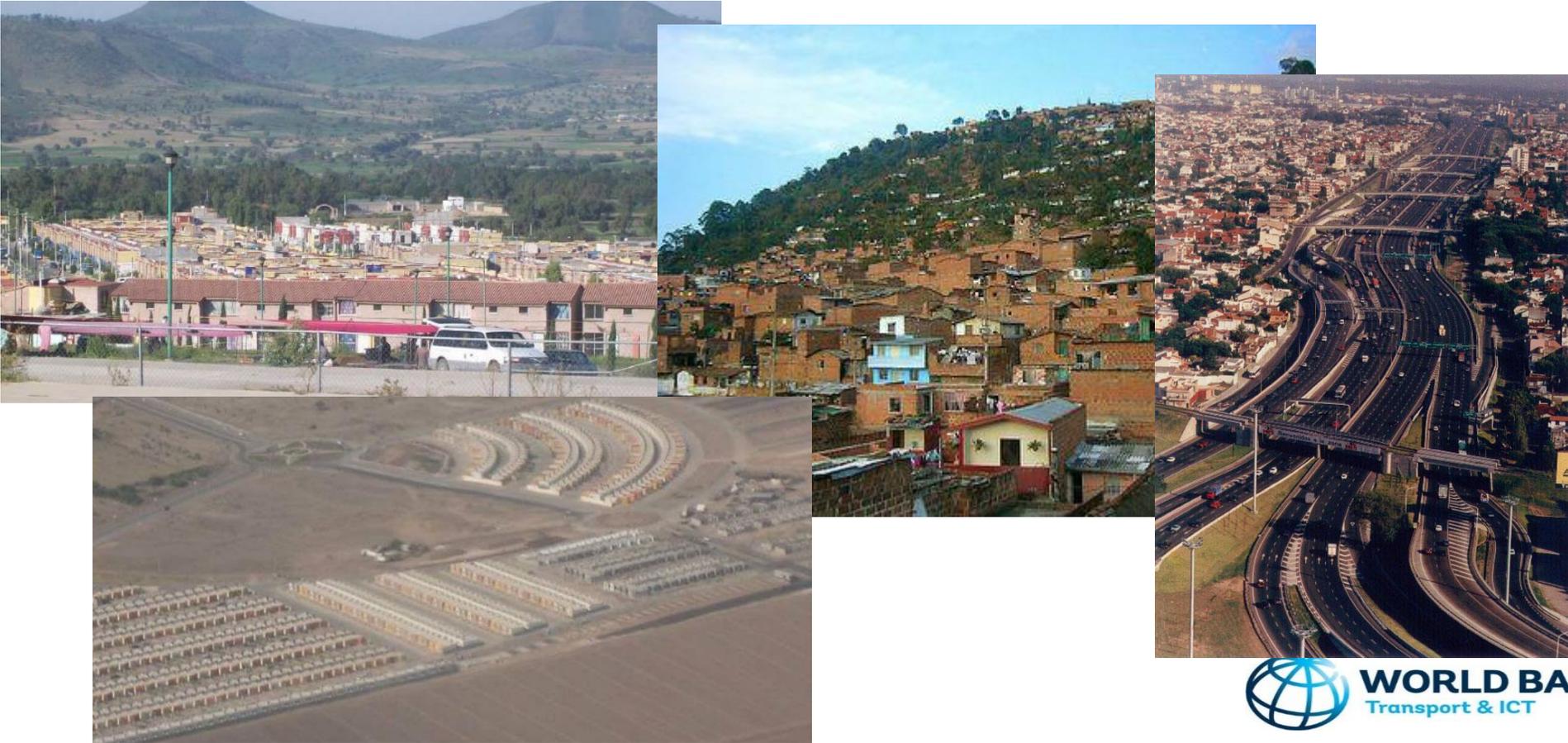
GLOBAL TRACKING FRAMEWORK

Example from Urban level: Proportion of population that has convenient access to public transport, by age, sex and persons with disabilities (SDG 11.2.1)

OPERATIONALIZING ACCESSIBILITY



WHAT WE DO NOT WANT: DISPERSED, DISTANT, DISCONNECTED URBAN DEVELOPMENT

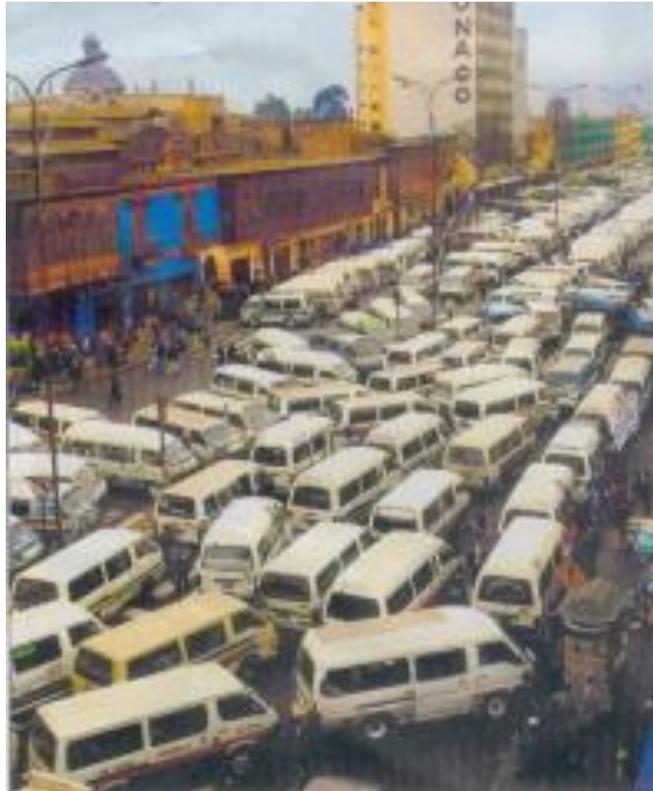


NEGATIVE CONSEQUENCES

Long travel times



Congestion



Traffic congestion is a regressive tax that raises no revenue

NEGATIVE CONSEQUENCES

Long travel times



Congestion



Traffic congestion is a regressive tax that raises no revenue

NEGATIVE CONSEQUENCES

Long travel times

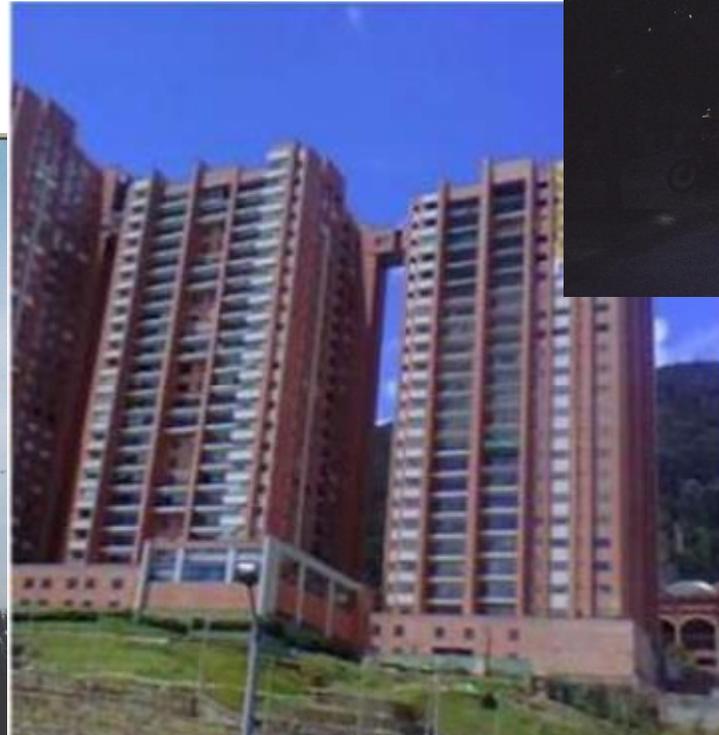


Congestion



Traffic congestion is a regressive tax that raises no revenue

WHAT WE DO WANT: DENSE, DIVERSE, DESIGNED URBAN DEVELOPMENT



WE WANT SMART CITIES WITH SMART MOBILITY

Sinseol (2007)



Mullae (2010)



Brick
and
mortar
and ITS

Smart
Mobility

WE WANT COMPACT CITIES

Compact Cities

Pedestrian friendly

Public transport oriented

Clean Air

Low fatality rate

SM4ALL

Universal access

Efficiency

Green Mobility

Safe

THANK YOU! БАЯРЛАЛАА!
ХИЕХИЕ!



Universal Access



Efficiency



Green Mobility



Safety

REFERENCES

1. <https://sum4all.org/>
2. Hiroaki Suzuki, Robert Cervero, and Kanako Luchi. 2013. “Transforming Cities with Transit.” World Bank.
3. Hiroaki Suzuki, Murakami, Jin, Hong, Yu-Hong, Tamayase, Beth. 2015. “Financing Transit Oriented Development with Land Values: Adapting Land Value Capture in Developing Countries.”
4. Ardila-Gomez, Arturo; Ortegon-Sanchez, Adriana. 2016. Sustainable Urban Transport Financing from the Sidewalk to the Subway : Capital, Operations, and Maintenance Financing. Washington, DC: World Bank. © World Bank.
<https://openknowledge.worldbank.org/handle/10986/23521> License: CC BY 3.0 IGO.