



# Sustainable Urban Mobility and Climate Change in Asia



**Cornie Huizenga- *Partnership on Sustainable, Low Carbon Transport***

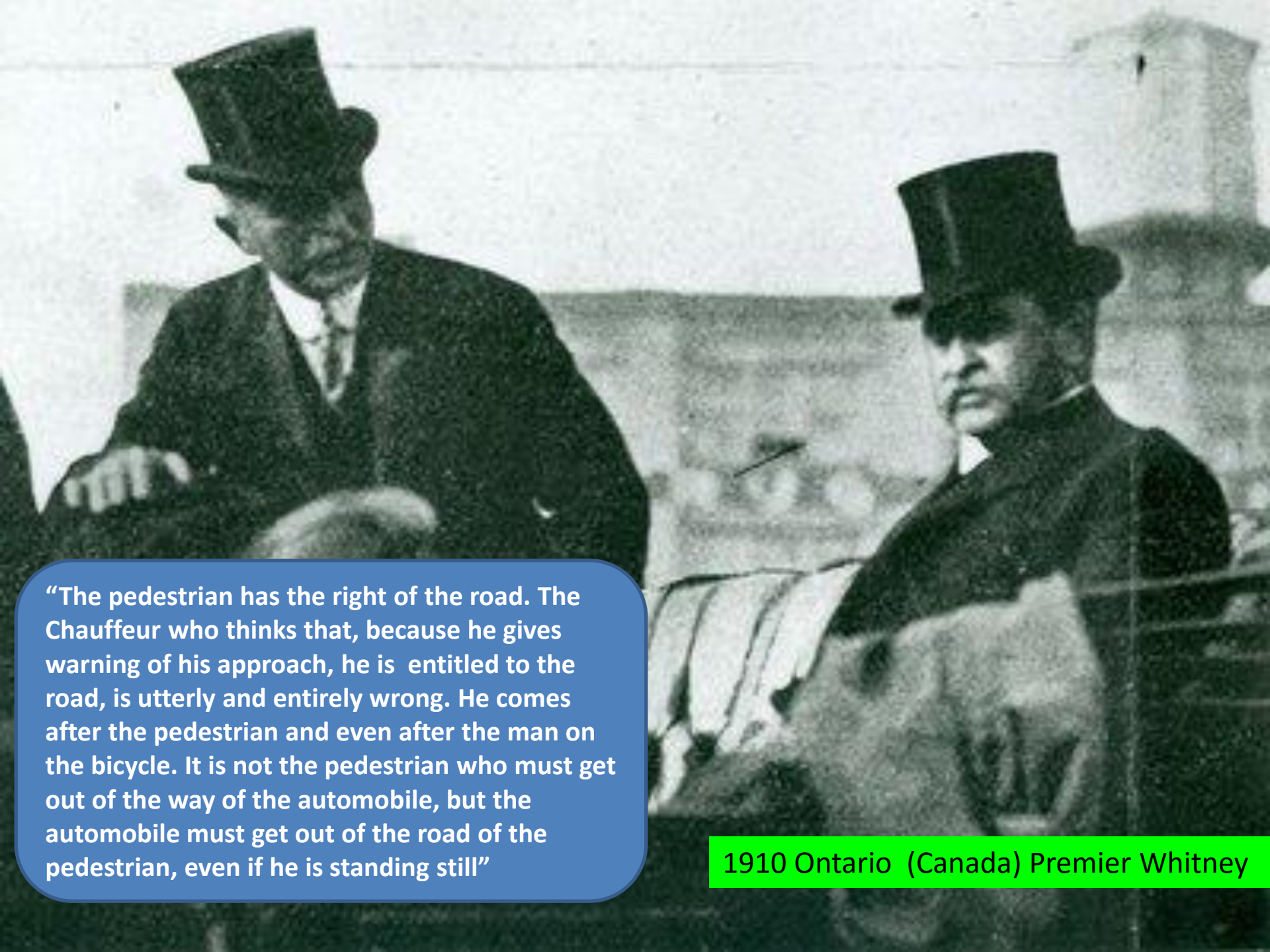
Sustainable Urban Mobility and Climate Change –Reducing Air Pollution by Climate-Friendly Means of Urban Transport

“4th Connective Cities, Asian Dialogue Event- Practitioners’ Workshop”

September 27<sup>th</sup> 2016

Bangkok, China

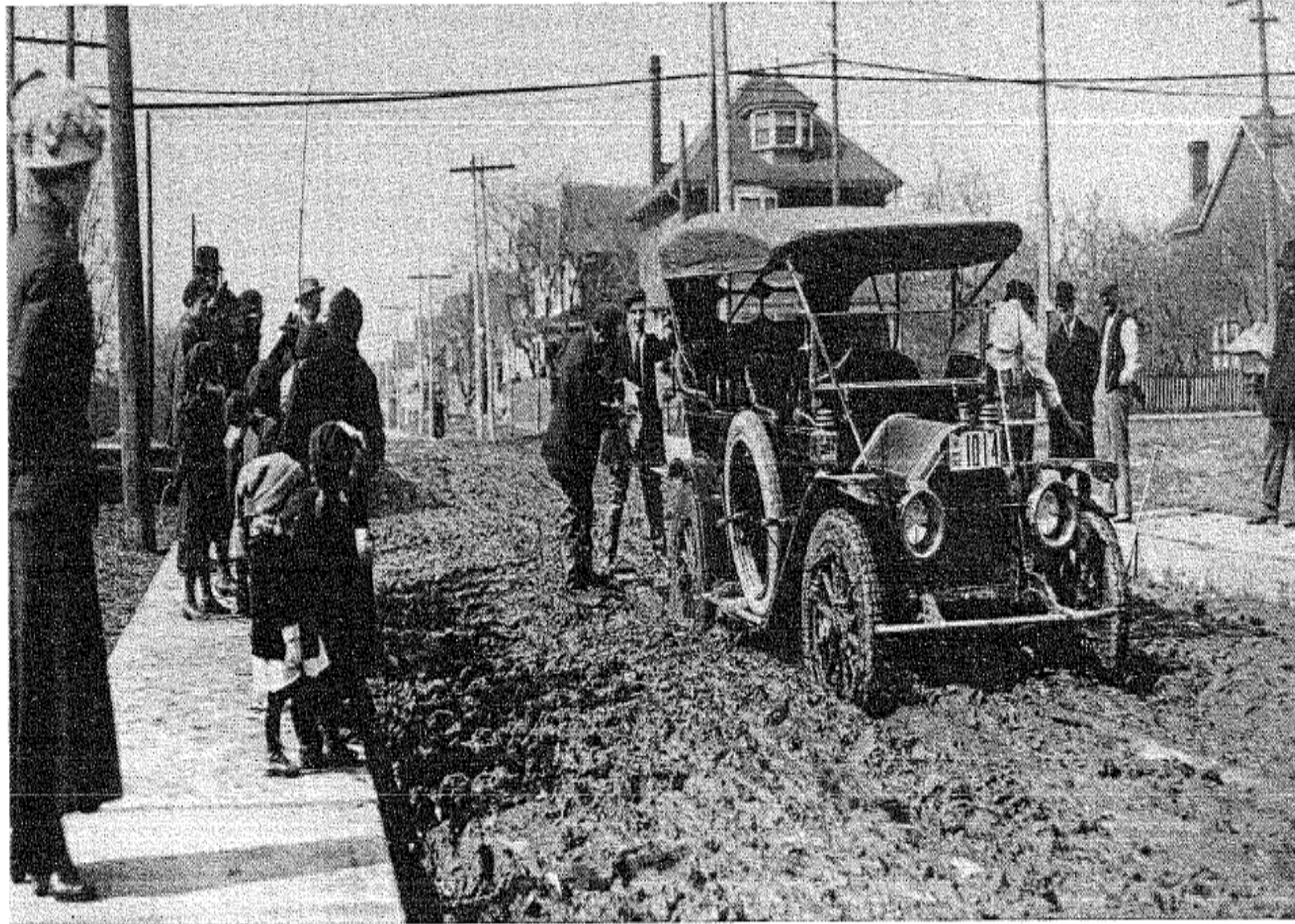
**“The pedestrian has the right of the road. The Chauffeur who thinks that, because he gives warning of his approach, he is entitled to the road, is utterly and entirely wrong. He comes after the pedestrian and even after the man on the bicycle. It is not the pedestrian who must get out of the way of the automobile, but the automobile must get out of the road of the pedestrian, even if he is standing still”**



“The pedestrian has the right of the road. The Chauffeur who thinks that, because he gives warning of his approach, he is entitled to the road, is utterly and entirely wrong. He comes after the pedestrian and even after the man on the bicycle. It is not the pedestrian who must get out of the way of the automobile, but the automobile must get out of the road of the pedestrian, even if he is standing still”

1910 Ontario (Canada) Premier Whitney





*The automobile had become a presence on Canadian streets by 1910, though often the streets themselves left much to be desired. CTA, James 41.*



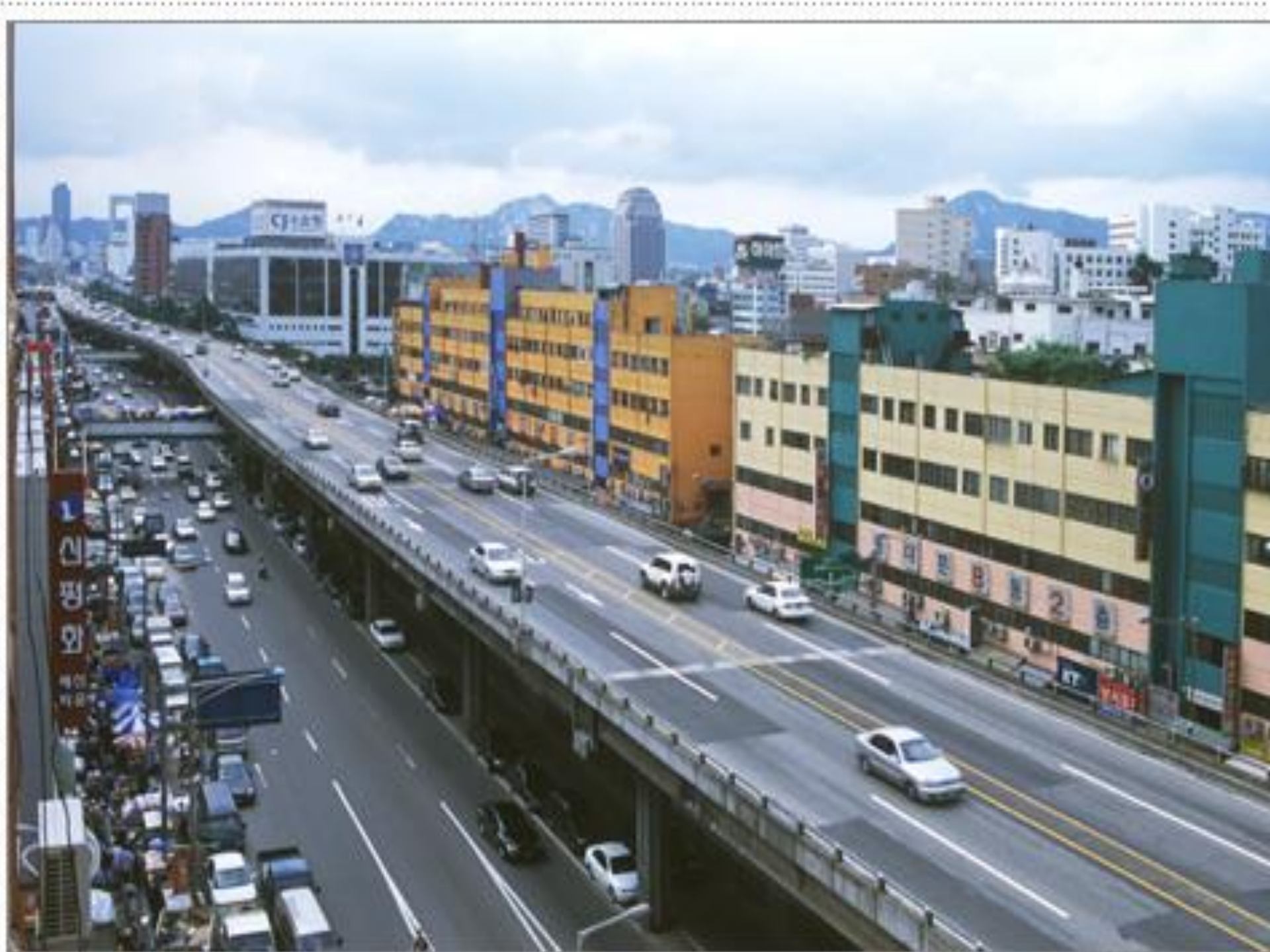


청계천변 판자촌  
1965























# Paradigm shift on development of Transport

**Predict and Provide**  
*Build Roads to promote  
economic and social  
development*

*Then*

Road safety  
1.3 million  
deaths

Air Pollution  
3 million deaths  
(large part  
transport)

**Climate  
change –  
transport  
GHG fast  
growing**

Congestion

**Access not  
inclusive – large  
groups no access  
(urban and rural)**

**Negative externalities of old paradigm:  
6-10% of GDP**

**Access: (Avoid + Shift + Improve)**

*Now*

**Expand/Improve  
Transport  
infrastructure and  
services**

**Avoid unnecessary  
motorized transport**

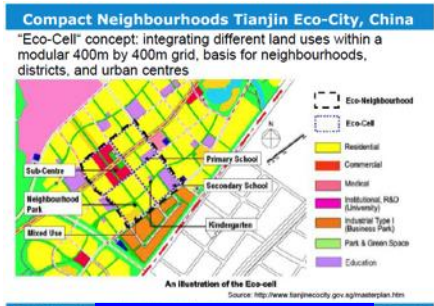
+

**Shift Transport to most  
effective mode  
(people and goods)**

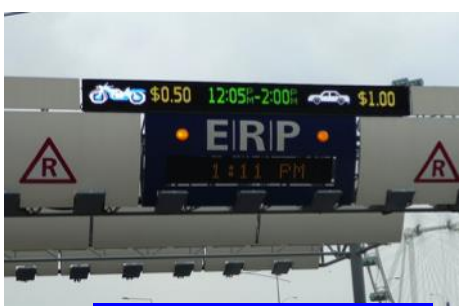
+

**Improve  
environmental  
performance  
transport**

Avoid



Land Use Planning



Electronic Road Pricing



Parking Policies



License Plate Restrictions

Shift



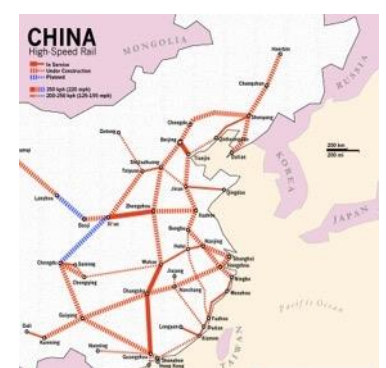
Cycling/ Bikeshare



Bus Rapid Transit

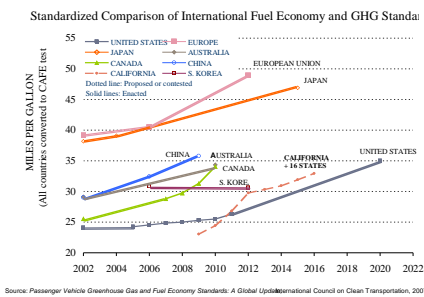


Multimodal Connectivity



High-Speed Rail

Improve



Fuel Economy Standard



Electric Vehicle



Cleaner Trucks



ITS



# 6 Key Global Processes targeted by SLoCaT in 2016

2010



Global Decade of Action on Road Safety

2015



Financing for Development

2015



2030 Sustainable Development Agenda (SDGs)

## Global Processes on Sustainable Development and Climate Change present Transport Sector with Opportunities and Responsibilities

2015



Paris Agreement on Climate Change

2016



14<sup>th</sup> United Nations Conference on Trade and Development

2016



Habitat III

# SLoCaT/PPMC and Global Processes on Transport

### Sustainable Development



**\$175,000,000,000**  
**For More Sustainable Transport**















**SG High Level Advisory Group on Sustainable Transport**

### Climate Change







PARIS PROCESS ON MOBILITY AND CLIMATE




Transport Day 2013 • Warsaw



Transport Day 2014 • Lima



Transport Day 2015 • Paris



TRANSPORT DAYS 2016  
SURABAYA | QUITO | MARRAKECH

### Habitat III



**SLoCaT Key Messages on Sustainable Transport**

HABITAT III

ZERO DRAFT OF THE NEW URBAN AGENDA

06 May 2016



TRANSPORT DAYS 2016  
SURABAYA | QUITO | MARRAKECH

**Quito Action Plan on Sustainable Urban Transport**



TRANSPORT DAYS 2016  
SURABAYA | QUITO | MARRAKECH

### Trade and Development



**UNCTAD 14**  
Nairobi, 17–22 July 2016

**UNCTAD – SLoCaT Ministerial Round Table on Sustainable Transport**

**UNCTAD Expert Group on Sustainable Transport**



# Regional Processes on Sustainable Transport – case of Asia

2010-  
2020



**Bangkok 2020  
Declaration**

2014



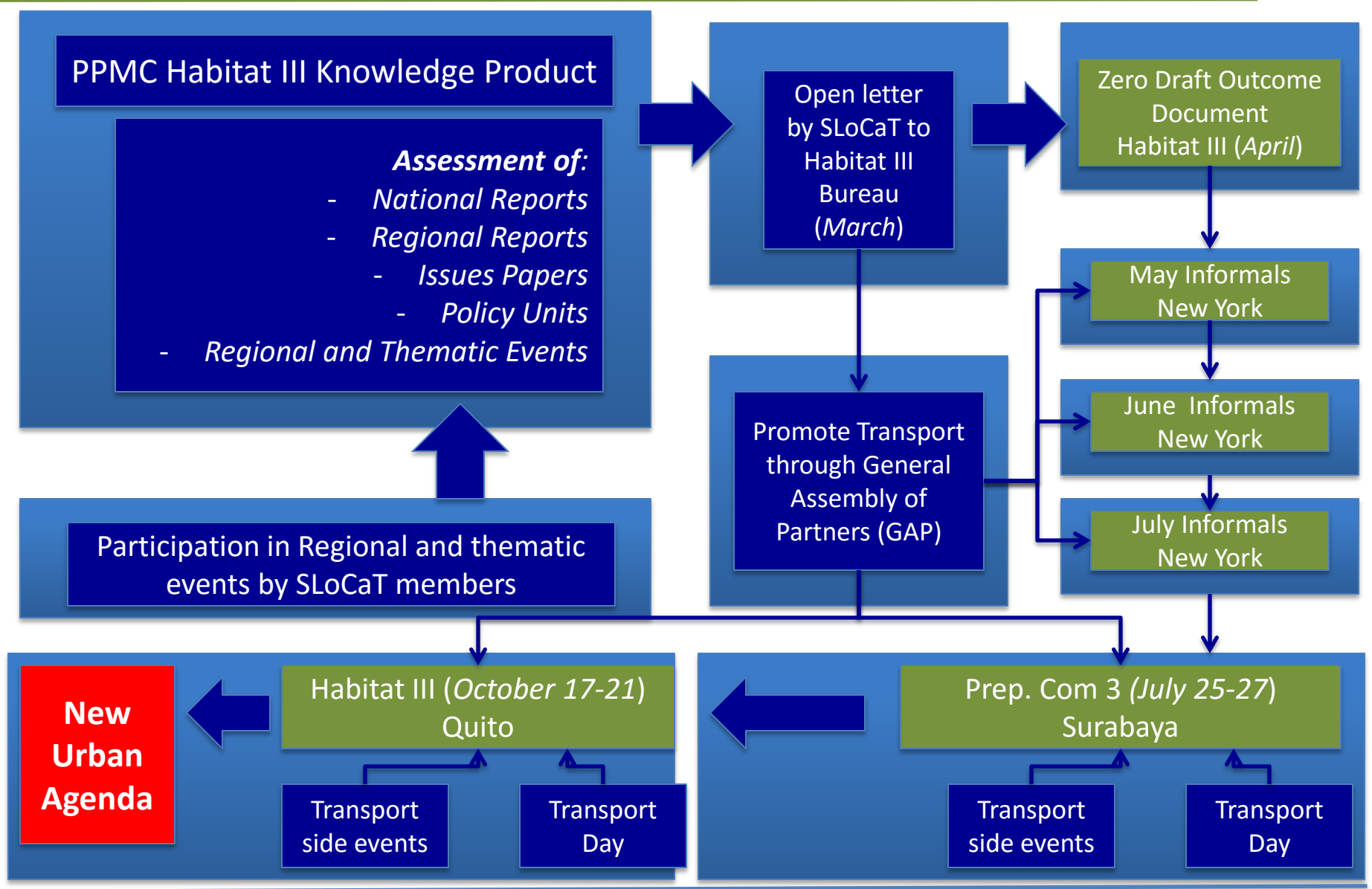
**SIDS Accelerated  
Modalities of Action  
(SAMOA) Pathway**

2016  
-2025



**Kuala Lumpur Transport  
Strategic Plan**

# The Long March Through the Process





# Sustainable Transport in New Urban Agenda



## New Urban Agenda

30 x Transport  
21 x Mobility  
7 x Connectivity  
  
1 x Walking

Rural – Urban Linkages

Travel Demand Management

Road Safety

Climate Change – Air Quality

Sustainable Transport Infrastructure

Freight Transport

Land Use Planning

Inclusive Transport

Capacity Building

**114.** We will promote access for all to safe, age- and gender-responsive, affordable, accessible, and sustainable urban mobility and land and sea transport systems, enabling meaningful participation in social and economic activities in cities and human settlements, by integrating transport and mobility plans into overall urban and territorial plans and promoting a wide range of transport and mobility options, in particular through supporting:

(a) a significant increase in accessible safe, efficient, affordable, and sustainable infrastructure for public transport as well as non-motorized options such as walking and cycling, prioritizing them over private motorized transportation;



# TRANSPORT DAYS 2016

SURABAYA | QUITO | MARRAKECH

[www.slocat.net](http://www.slocat.net)  
[www.ppmc-transport.org](http://www.ppmc-transport.org)