



# City Transformations: Making it Happen

Lloyd Wright, Viva

***Kyoto Declaration on the Promotion of Environmentally-Sustainable Transport in Cities  
Signing Event  
Seoul, Republic of Korea, 16 March 2010***



United Nations  
Centre for Regional Development



Ministry of the Environment  
Government of Japan

# This is only the beginning



*“A journey of 1000 kilometres begins with a single step.”*  
– Lao-Tzu

***"Given the nature and magnitude of the challenge, national action alone is insufficient. No region can insulate itself from these climate changes. We need to confront climate change within a global framework, one that guarantees the highest level of international cooperation."***

**Ban Ki-Moon, Secretary  
General of the United  
Nations, 24 September, 2007**















■ **OBESE NATION**

# Too fat for our own good

THE image of an obese 33-year-old gentleman and a remark by a 69-year-old about his 11-year-old grandson running out of breath while scaling slopes (NST, June 9) suggest we should shift our attention from rural health to urban health.

The Ministry of Health has done well in promoting rural health. The health problems have now shifted.

Diseases related to urban lifestyles are on the rise. One in four Malaysians is obese, according to a survey made in 1999.

Malaysians are slowly and surely on the road to self-destruction.

The cause: compulsive eating habits. Most people (including I) eat on seeing food rather than when feeling hungry.

Everyone you care to talk to at buffets will admit they overeat. They think it is *rugi* (a loss) not to eat as much as they can.

The amount people eat at buffets is about 4-5 times the amount they normally eat at regular meals elsewhere.

Office meetings and functions are almost always accompanied by food. Sometimes workshops or meetings organised by public and private institutions take place in hotels.

“Meeting packages” offered at most hotels usually contain six meals a day plus sweets on the conference tables! The participants are forever on sugar and fat.

Fat cells behave as storage cells of the body. They can balloon out to more than 100 times their normal size to accumulate excess fat that is ingested.

Fat cells, like brain cells, are classified as permanent cells, meaning the cells do not have the capacity to divide and multiply upon reaching maturity unlike the cells that form our skin, mucous membranes and gut.

An obese person has the same number of fat cells as when he was thinner, except the size of each of his fat cells is bigger than normal.

If we store foodstuff in the food cabinet for a long time, the food would turn bad and

become poisonous to eat. The same thing happens in these expanded fat cells.

The diseases that come with obesity are numerous and well known — from diabetes to depression.

No organ is spared the wrath of toxic substances released from “obese” fat cells.

Obese children become obese adults. This is a fact. Parents are wholly responsible for shaping their children.

Popular eating-places where parents take their kids to these days are fat food joints. Oops! I mean fast food restaurants.

They are taken there to celebrate joyful events like birthdays, passing exams, etc.

Fat food joints have sprung up everywhere, even in small towns.

**PROFESSOR DR NOR HAYATI OTHMAN**  
Deputy Dean (Research) and Professor of Pathology, Universiti Sains Malaysia, Kubang Kerian, Kelantan



**GLOBAL PROBLEM:** Obesity is fast becoming a major problem worldwide.





**Solving many  
problems at the  
same time with  
a single  
investment**



# Which projects?

Benefits	Road construction	Public Transport	Non-motorised transport	TDM
<b>Economic benefits</b>				
Congestion reduction		✓	✓	✓
Jobs	✓	✓	✓	✓
Technology transfer		✓		✓
Energy security		✓	✓	✓
Economic productivity		✓	✓	✓
<b>Environmental benefits</b>				
Greenhouse gas reductions		✓	✓	✓
Particulate Matter		✓	✓	✓
Sulphur Oxides		✓	✓	✓
Nitrogen Oxides		✓	✓	✓
Noise reduction		✓	✓	✓
<b>Social benefits</b>				
Health (e.g. obesity reduction)			✓	✓
Gender equity promotion		✓	✓	✓
Universal access for disabled		✓	✓	✓
Scholar access improvement		✓	✓	✓
Community sociability			✓	✓

## Win-Win Solutions to Climate Change and Transport

### UNCRD publication

1. Climate change and  
transport

2. Co-benefits of EST

3. Carbon markets



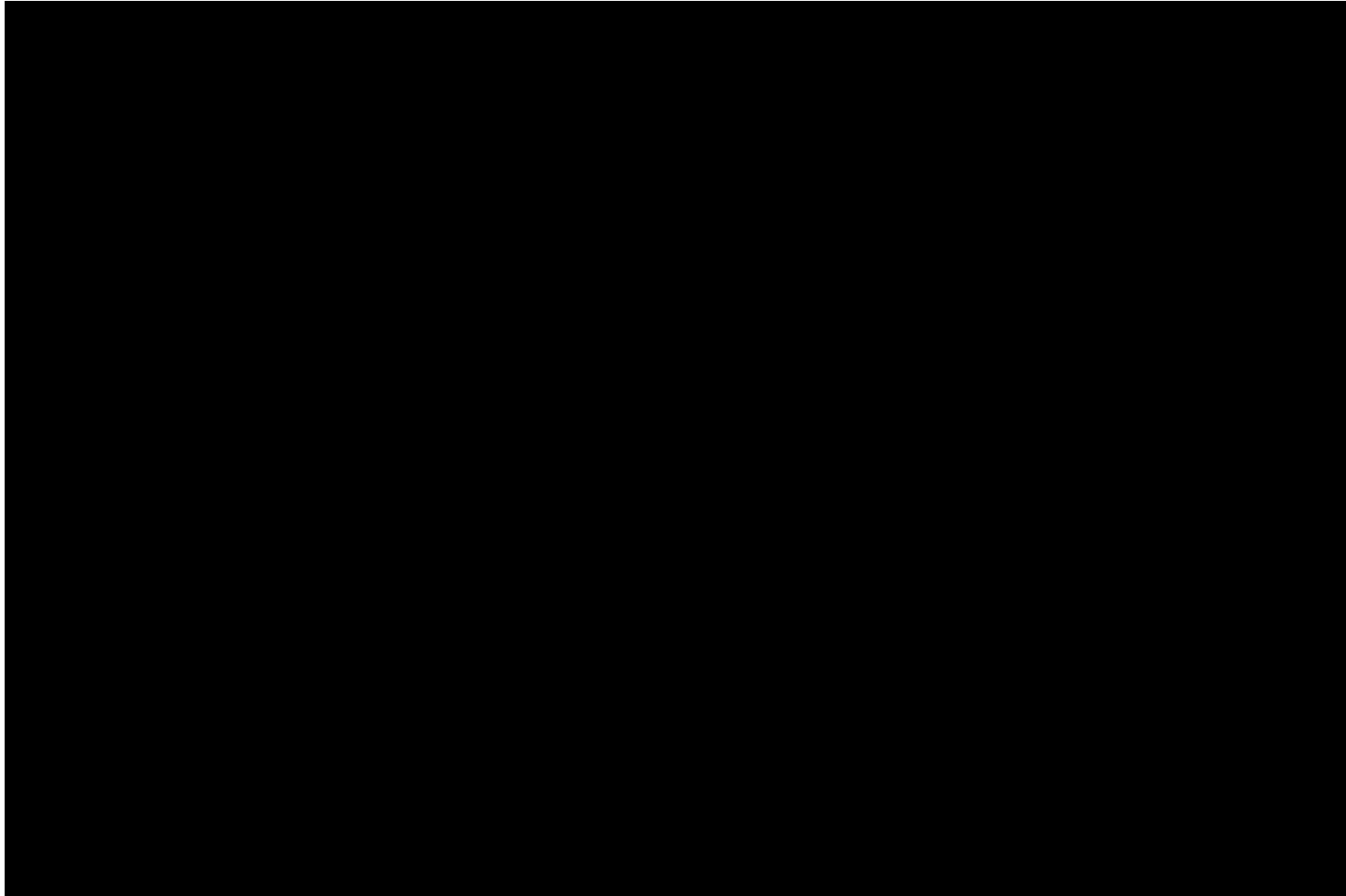
February 2009



United Nations  
Centre for Regional Development



Ministry of Environment  
Government of Japan





Hangzhou



Changzhou



Beijing



Kunming





# Seoul





Chris Kost



# Non-Motorised Transport (NMT)



**Pedestrian facilities**



**Bicycles and pedicabs**



**Bicycle rental services**



**Car-free days**



**Guangzhou**



**Copenhagen**

# Car-Free Sunday in Jakarta



# “Pedestrian Heaven” in Tokyo









Lloyd Wright

**Berlin**



Lloyd Wright

**Nagoya**



**New York**



ITDP

**Yogyakarta**



**Tokyo**



ITDP

**Agra**

# Bicycle Rental Programmes



Paris

Copenhagen

# Bicycle sharing programme



# Congestion charging



Singapore



Stockholm



Lloyd Wright

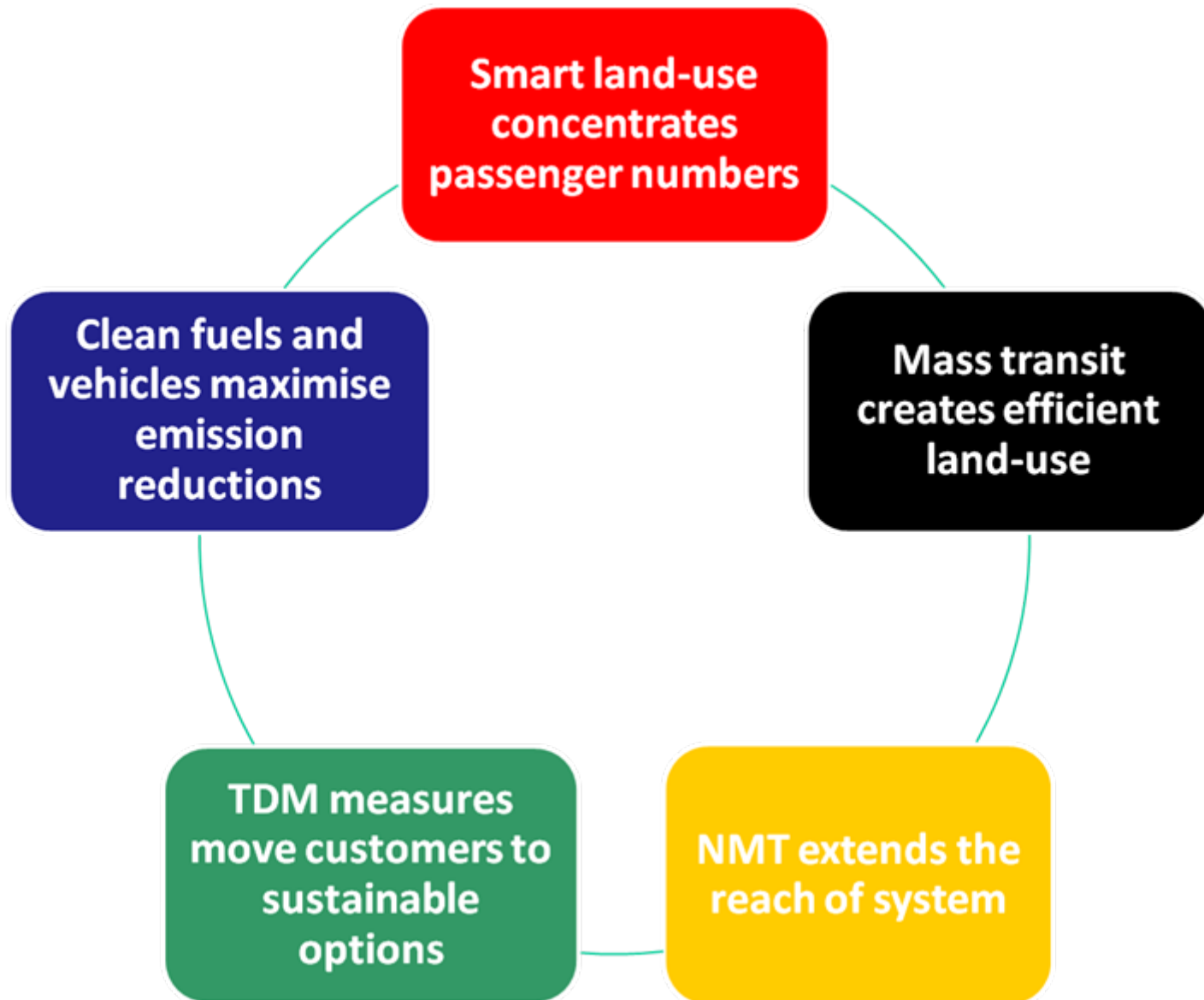
London



Karl Fjellstrom, ITDP

**From 1 January 2007, motorcycles were prohibited  
in Guangzhou**

# Implementing a synergistic package







# International organisations



United Nations  
Centre for Regional Development







## **Mayor of Curitiba**

**1971 – 1974**

**1979 – 1983**

**1989 – 1992**

## **State Governor**

**1995 – 1998**

**1999 - 2002**





**Highest approval  
rating in the history of  
Bogota mayors**

**President of the  
Institute for  
Transportation &  
Development Policy  
(ITDP)**

**Worldwide  
Sustainable Transport  
Ambassador**



**Before**



**After**



**Mayor of Seoul**  
2002 – 2006

**President of the Republic of Korea**  
2008 - present



*“Whenever you see a success, someone once made a courageous decision.”*

– Peter Drucker





**“Children are a kind of indicator species. If we can build a successful city for children, we will have a successful city for all people” – Enrique Peñalosa**



自転車及び歩行者専用  
富原町駅前二階車庫内側へ  
千葉市



自転車及び歩行者専用  
富原町駅前二階車庫内側へ  
千葉市

**Thank You**

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