



Infra Cluster meeting



Gyeng Chul KIM, Ph.D, PE
Deputy Secretary General, CITYNET
CEO, Veolia Transport RATP Korea

URBAN CHALLENGES IN ASIA

Solution : share the best practice



Poor sanitation (Hue, Vietnam)



Transportation system



Air pollution (Kathmandu, Nepal)

Solid waste management (Dhaka, Bangladesh & the Philippines)



SEOUL's Experience Before Restoration of Cheonggyecheon



Shantytown before restoration: before the 1960s



Construction to cover Cheonggyecheon: 1958~1977



Construction of elevated highway: 1967~1971

Seoul' Experience : Paradigm shift

- ☐ Restoration of Cheonggyecheon
- ☐ Decrease of car-traffic volume : 125.000 veh/day



Before



After(Sep. 2005)

GREEN DREAMS

Seoul once symbolized everything bad about the urban concrete jungle. Now, driven by an activist mayor, the city is creating green oases in its center. Can other Asian metropolises, like smog-plagued Hong Kong, learn from Seoul's example? ►

Seoul Mayor
Lee Myung Bak

Seoul' Experience : Paradigm shift Restoration of Hoehyeon Overpass



Before (July 2009) → After (August 2009)

Lesson learned

- 1. NO MORE Car oriented policy**
- 2. Consensus Building (Leadership)**
- 3. Need Success Story**

Cooperation between Seoul & Mumbai (India) & Palembang (Indonesia) on Sustainable Transport

*Exclusive bus lanes in
Seoul*



*Representatives from Mumbai visiting the City Hall
Square*



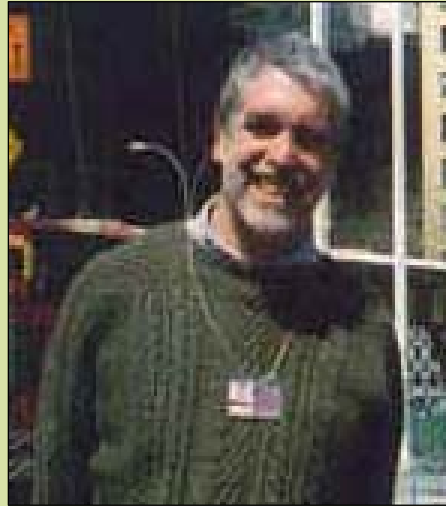
Signing Ceremony between Seoul and Palembang

Mumbai n Palembang are planning for Bus Rapid Transit (BRT) and
improve its transport system

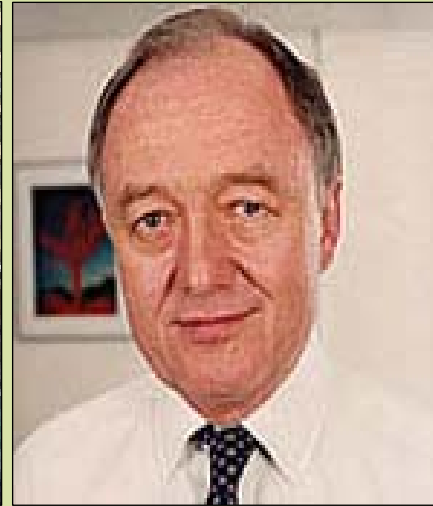
1. Exchange of success story & culture
2. Capacity building of Local government
- Leadership, create Political WILL



**Jaime
Lerner,
Curitiba**



**Enrique
Peñalosa,
Bogota**



**Ken Livingstone,
London**



**M.B. Lee,
Seoul**

2. Capacity building of Local government - Leader for Public Transport



3. Share Knowledge and Experience

4. Find appropriate Partners for in-depth C2C exchanges



What Infra cluster should do next ?

Learn from Development Agencies
Create Partnership, Action oriented

Please DO not

- **Consultant oriented, its expanses**
- **Paper only**
- **Local officer oriented**
- **Action oriented, based on local culture**

What Infra cluster should do next ?

CITYNET has a lot of resources already

- Training & Sharing → C2C cooperation with ADB

What is next? : resolve Fund issue

Cooperate with Funding Agencies (WB, ADB)

- **Create Standard based on Document of Funding Agencies**
- **Finance Team for monitoring progress with Fund investment agencies**
- **Mutual learn for real capacity building**
- **Solution from Local HR**

What Infra cluster should do next ?

What is next? : Infra plan & construction, O&M

CITYNET has a lot of resources already

- **Training → Create Consulting Team for C2C coop.**

Bench marking of BEST-Practice

- **Create Standard for plan (SUTP)**
- **Think efficient O&M, not only huge infra construction**
- **PPP : build by Gov., O&M by Private sector**

What Infra cluster should do next ?

PPP : build by Gov., O&M by Private sector

Bench marking of BEST-Practice



Basic Financial Model

- Dividing the project into the upper & lower part
 - **Private sector funds : 850.3 billion KRW**
 - ✳ *railtrack, rolling stock, rolling stock , signalling and communication system, power supply , stations, depot and train control center*

Type of Contract

- **BTO (Build Transfer Operate)**

Concession period

- **30 years from the day subsequent to the construction completion**

Subway line 9 (private)

Current operators (public)

Organization

Customer-oriented

Production and staff-oriented

Productivity

~30 staff / Km

Over 50 staff / Km

Service

1 on 1 Express & All Stop

All stop

HR Policy

Promotion based on
performance & seniority

Promotion based on seniority

Ticket Booth

At convenience store

Ticket booths with full staff



3GG

GG for Government
GG for Environment
GG for Industry

How achieve the Great-Infrastructure?

YES WE CAN !

By the GG, Of the GG, and For GG.

Thank you very much

from Green Dream Maker



Gyeng Chul KIM

Deputy Secretary General, CITYNET

CEO, Veolia Transport RATP Korea

E-mail: gckim@sdi.re.kr