

Road User Charges and Restraints

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Questions

- Do road users pay full cost of road networks?
 - Construction, maintenance, operation, enforcement
- Do road users pay full social costs of travel?
 - Congestion, pollution, noise, accidents
- Should they?
 - Equitable, economic development



Payment Types

- Vehicles
 - Registration, licenses, taxes
- Usage charges
 - Tolls, parking
- Fuel
 - Fuel taxes, levies
- Operations
 - Fines
- Road user charges
 - Road pricing
 - Singapore
 - London
 - Tolls
 - Seoul, KL, HK
- Restraints (indirect payment)
 - Road bans
 - Manila, Jakarta
 - Truck bans
 - Parking



London Congestion Charging: Development

- Smeed Report 1964
- 1970s Greater London Council studies
- 1980s London Planning Advisory Committee
- London Congestion Charging Research Programme 1991-95
- Road Charging Operations for London 1998
- Public consultation 2001 (18 months)
- Announcement of 'go-ahead' 2002
- Start of Operations 17 February 2003



London Congestion Charging: Key drivers

- Very strong political will
 - Mayor Livingston election manifesto
- Enabling environment
 - Greater London Authority Act 1999
 - Transport Act 2000
- High profile
- Dedicated team within TfL



London Congestion Charging: Lessons Learnt

- Translating theory into practice
- Informing the public
- Improving public transport
- Improving traffic management
- Congestion Charging as part of overall strategy



Source: Dr. Dix, TfL, 2002

Paying for Use the Future

- Future – nationwide payments for travel
eg Europe Galileo satellite, UK 'pay-as-you-go'
 - Pay for use
 - Equitable
 - Social implications



Asian Context

- Half of the planet lives in Asia
 - Additional 750 million by 2030
 - 4 billion in 2030 (50% of world total)
- Increasing Urbanization (2000–2025)
 - China 81% growth of urban population
 - India 87% growth of urban population
- Increasing Motorization (2005–2035)
 - China 4.6 fold increase
 - India 7.6 fold increase

Urban transport is becoming a major concern and needs to be addressed to ensure continued economic development



Asian Examples (broad definition)

- Simple control options
 - HK
 - Singapore (initially)
 - Seoul (Namsan Tunnel)
 - Manila (colour coding)
 - Jakarta (3 in 1)
- Others?

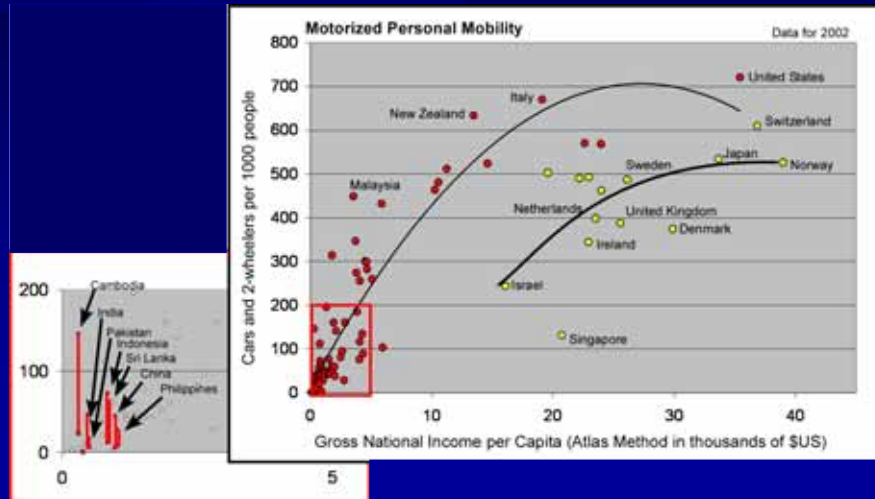
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Why Relevant to Asia

- Unprecedented vehicle growth in urban areas
- Urban areas heart of economic development
- Vehicle ownership currently at low levels
- Good tool for traffic control/management
- Urban environment deteriorating

ADB

Asia – the need Which road to take?



Asia: Key Issues

- Affordability, viability
 - London US\$10/day
- Mode share
 - Motorcycles, trucks, NMT
- Plan for cars
 - Need mind shift of decision makers
- Institutional arrangements
 - Clear delineation and accountability
- Public awareness
 - Cost of congestion
 - Cost of negative externalities
- City form, structure, relevance

Asia: Key Issues

- Urban transport vision
 - One part of strategy
 - Well planned
 - Inclusive
 - Transparent
- Options for CC, road pricing, fiscal charges, congestion constraint
- Enabling environment
- Capacity development
- Enforcement
- Stakeholder consultation
- Applicable to situation



Asian Prospects

- Need to address urban transport - Vision
- Part of well planned package
- Do it early before opposition is too large
- Must be:
 - Inclusive (education campaign)
 - Transparent (stakeholder buy-in)
 - Equitable (boundaries, impact groups)
- Establish link of paying to drive
- Start simple, monitor technology advances

Do it now, while acceptable!



Thank you.

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