

Seventh Regional EST Forum in Asia

Institutional Arrangements in Realizing Next Generation Sustainable Transport Systems

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UITP & the Rio + 20 outcomes

- Voluntary Commitment regarding PT x2
- Sustainable transport crucial to sustainable development



Background Paper Overview

- Transport trends in Asia
- EST Policy Framework
- Set of principles to guide institutional arrangements



Transport trends in Asia

- Rapid Urbanisation
- Declining PT modal share
- Increasing GHG emissions
- Increasing congestion
- Social, Environmental & Economic impacts



EST Policy Framework – Institutional aspects

Rio + 20 Outcome Document

*"We underline the need for more coherent and integrated planning and decision making at the **national, subnational and local levels**"*

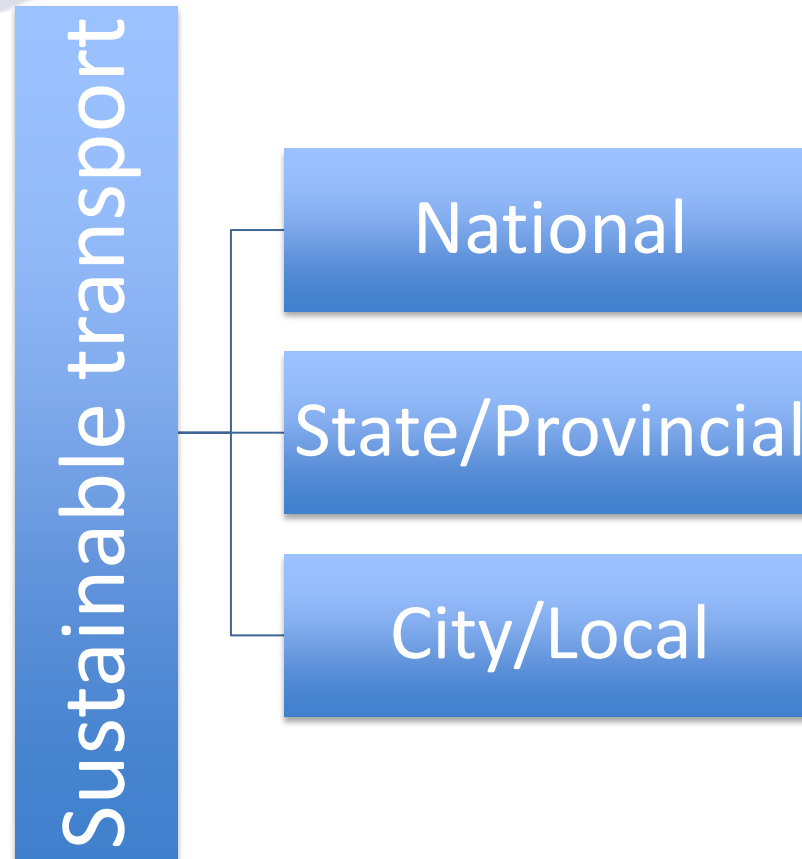
EST Policy Framework – Institutional aspects

Bangkok Declaration

*Goal 1: Formally integrate **land use and transport planning** processes and related institutional arrangements at the local, regional, and national levels*

*Goal 20: Develop dedicated and funded **institutions** that address sustainable transport-land use policies and implementation, including research and development on environmentally sustainable transport, and promote good **governance** through implementation of environmental impact assessments for major transport projects.*

Vertical Integration



Horizontal Integration



Roads



PT



Cycling/Walking



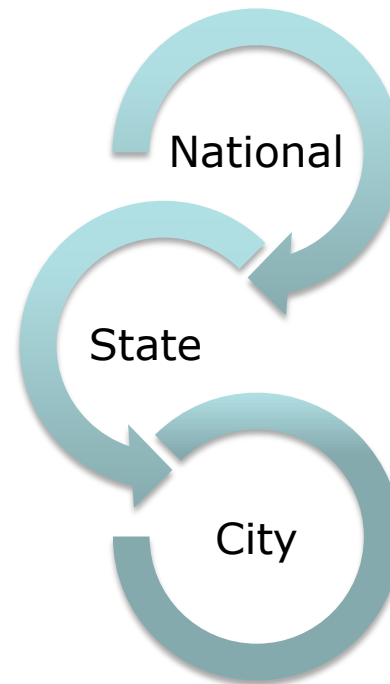
Land Use

Consequences of a lack of vertical and horizontal integration

- Multiple agencies potentially pursuing multiple outcomes
- No clear or overarching level of responsibility for transport outcomes
- Potential lack of coordinated action to achieve EST

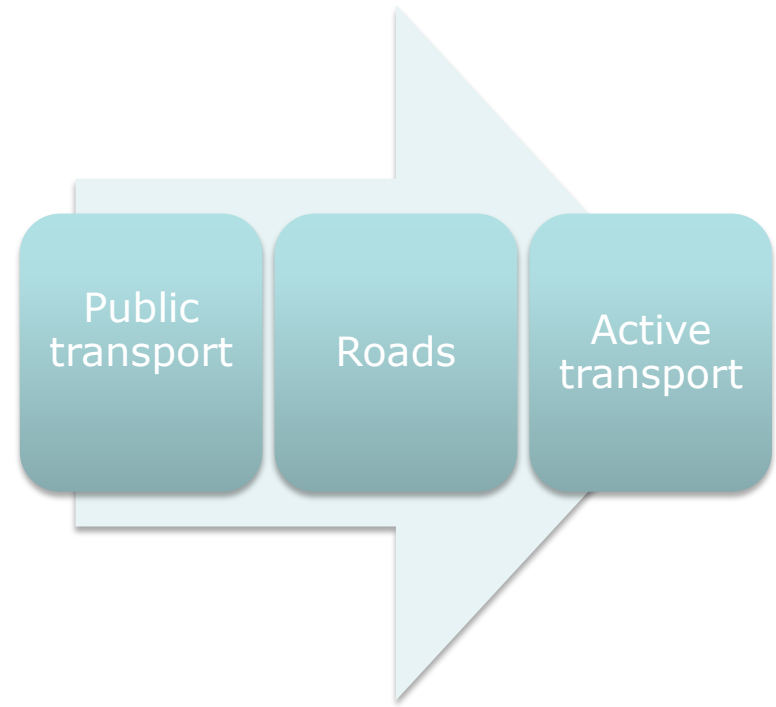
Ensuring Vertical Integration

- Clear and transparent accountabilities between tiers
- Mechanisms to resolve disputes



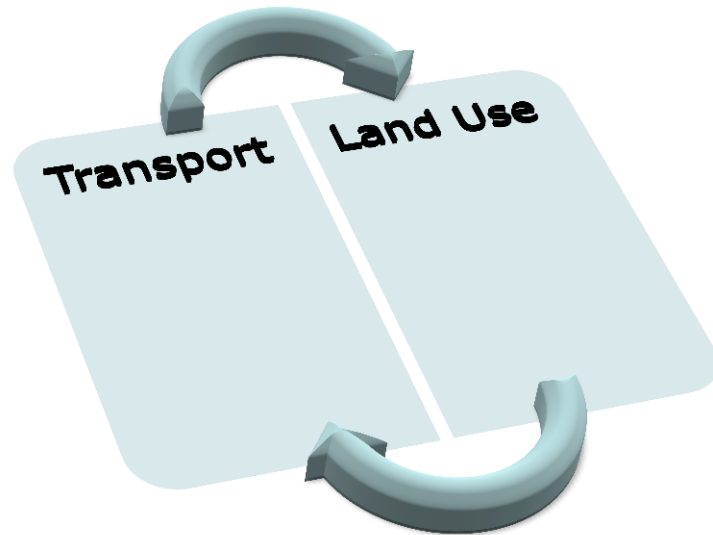
Ensuring Horizontal Integration

- Clear & transparent responsibilities within tiers
- Single Agency Approach (eg. LTA Singapore)
- Legislative Integration Approach (eg. *Transport Integration Act 2010 (Victoria)*)

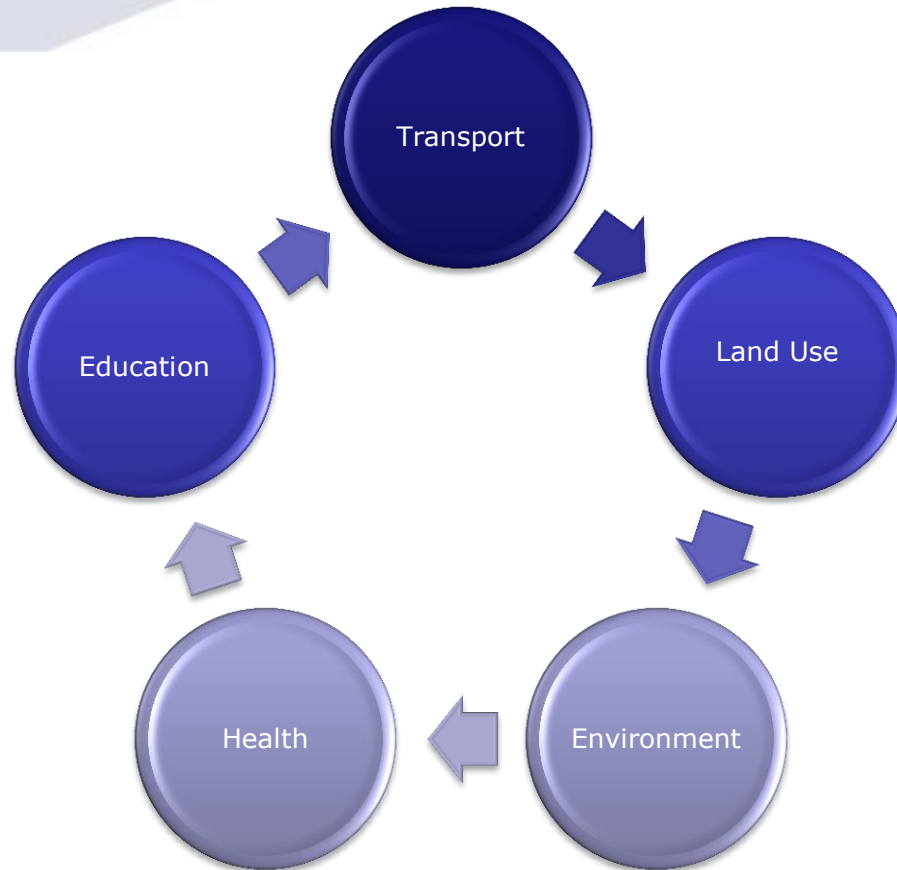


Ensuring Transport and Land Use Planning Integration

- Legislative Integration Approach
- Single Agency Approach



Ensuring overall policy integration



Contracting and Private Sector Involvement

- Service Level Agreements
- Franchise Contracts
- PPPs



Ensuring adequate skills

- Increase the supply of trained professional staff to resource transport bodies.
- Ensure that existing skills and resources are being used to their best capacity and fit.



Ensuring Sustainable and Innovative Funding & Financing Mechanisms

- User pays
- Beneficiary Pays
- External financing sources (eg. MDBs)



Ensuring Good Data

- Good data are essential in the design and the assessment of sustainable transport policies
- UITP Asia-Pacific Centre for Transport Excellence



Summary & Conclusion

- Institutional arrangements affect decision making for EST
- Need to ensure appropriate overarching institutional settings are in place to guide integrated decision making
- This involves achieving vertical and horizontal integration
- There is no one “best fit” as each regional context will differ

Acknowledgements

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