

Annexure F – Reading list

Module 6: Climate Change and Urban Mobility

Mandatory Readings

- European Communities (1999). Cycling: the way ahead for towns and cities. Authors: J. Dekoster, U. Schollaert, pdf, 63p.
- Journeys (Nov 2011). Passenger Transport Mode Shares in World Cities. Source: <http://itaacademy.gov.sg/doc/J11Nov-p60PassengerTransportModeSHares.pdf>
- Kennedy, Christopher, David Bristow, Sybil Derrible, Eugene Mohareb, Sheyda Saneinejad, Robert Stupka, Lorraine Sugar, Ryan Zizzo, and Bernard McIntyre (2010). "Getting to Carbon Neutral: A Review of Best Practices in Infrastructure Strategy", in The World Bank (2010). *Energy Efficient Cities*, Chap. 8, pp. 165-184.
- Kenworthy Jr, (2003). "Transport Energy Use and Greenhouse Gases in Urban Passenger Transport Systems: A Study of 84 Global Cities. Presented to the international Third Conference of the Regional Government Network for Sustainable Development, Notre Dame University, Western Australia, Sep. 17-19, 28p. pdf.
- Lefèbre, Benoit (2009) . « Urban Transport Energy Consumption : Determinants and Strategies for its Reduction. An Analysis of literature » S.A.P.I.E.N.S. [On line], 2.3 2009, Online since 07 April 2010. Connection on 05 April 2012. URL : <http://sapiens.revues.org/914>. . www.
- Newman Peter & Jeff Kenworthy (2011). 'Peak Car Use': Understanding the Demise of Automobile Dependence, *World Transport Policy and Practice*, Vol. 17.1 June 2011, pp. 31-42.
- Newman Peter & Jeffrey Kenworthy (2006). *Urban Design to Reduce Automobile Dependence*. *Opolis*, Vol. 2, No. 1, 2006 pp. 35-52.
- Newman, Peter & Jeff Kenworthy (2000). 'The Ten Myths of Automobile Dependence', *World Transport Policy & Practice*, Volume 6, Number 1, (2000) 15-25. pdf. 11p.
- OECD (2011). *Transport Outlook. Meeting the Needs of 9 Billion People*. International Transport Forum, 48p. pdf www. pp. 1-9

Stern, Nicholas (2007). Stern Review: The Economics of Climate Change. Pdf. 662p. (Read parts concerning transportation: mitigation, adaptation, case studies – see Executive Summary and Transport _annex).

U.S. Department of Transportation (April 2010). Transportation's Role in Reducing U.S. Greenhouse Gas Emissions. Volume 1: Synthesis Report. Volume 2: Technical Report. Report to the Congress. Pdf. 605p.

Other References

Alberini, Anna et alii., (1994)xxx. "Will Speeding the Retirement of Old Cars Improve Air Quality?" in Resources, No. 115, Spring, pdf, 7p. www.

Alberini, Anna, David Edelstein, and Virginia D. McConnell (1994)."Will Speeding the Retirement of Old Cars Improve Air Quality?", in *The RFF Reader in Environmental and Resource Management* (1999). Edited by Wallace E. Oates, Resources for the Future, Washington, D.C.,1999, pp. 89-95. www.

Bördlein, Eva. The Munich Bicycle Development Concept. City Development Department, Munich. Pdf. 6p. www.

CERTU (2007). "Summary. Mobility and transportation. How can sustainable mobility strategies be developed for cities in the developing countries?" Lyon, pdf. 12p. www.

CERTU (recent) Sustainable Urban Transport in Mediterranean. Pdf, 3p. www.

City of Copenhagen () Economic evaluation of cycle projects – methodology and unit prices. Summary. Working paper, 11p. pdf. www.

Davoudi, Simin, Jenny Crawford and Abid Mehmood (Ed.) (2009) .Reprinted 2010. *Planning for Climate Change. Strategies for Mitigation and Adaptation for Spatial Planners*. Earthscan publishing for a sustainable future, London, Washington D.C., xxiv & 319p.

Elson, Derek (1996). *Smog Alert. Managing Urban Air Quality*. London, Eathscan Publications Ltd, xiv & 226p.

EMBARQ (2012). Sustainable Urban Transport in India. Role of the Auto-rickshaw Sector. Authors: Akshay Mani, Madhav Pai, Rishi Aggarwal. Wawhington D.C., Pdf 44p. www.

EU. EURFORUM. Strategic Agenda for Urban Mobility. SRA Final Version, prepared by ECTRI (Oct 2007) European Research Forum for Urban Mobility. Pdf, 79p. www.

European Commission (1999). Cycling : the way ahead for towns and cities Authors : J. Dekoster, U. Schollaert. Pdf. 63p. www.

Insitituto Nacional de Ecología (March 2006). The Benefits and Costs of a Bus Rapid Transit System in Mexico City. Final Report, 133p. www.

Other references available as ppt

Litmann, Todd et al., (2006). Pedestrian and Bicycle Planning. A Guide to Best Practices. Victoria, B.C., Victoria Transport Policy Institute, pdf. 88p. [www](#).

Mani, Akshay et al. (2012) , Sustainable Urban Transport in India : Role of the Auto-rickshaw Sector, pdf, 3p. [www](#).

Mitric, Slodoban (October 2008). Urban Transport for Development. Towards an Operationally-Oriented Strategy. Washington D.C., The World Bank Group, Transport Papers TP-22. Pdf. 99p. [www](#).

Montassar DRAIEF – SYSTRA, BRT Performances v. MRT (sept. 2006)., pdf. 16p. [www](#). (with examples of Curitiba and Bogota).

New York City Global Partners (2011). Best Practice: Largest Bicycle Path Network. Report May 4. Pdf, 4p [www](#).

Newman, Peter and Kenworthy, Jeffrey (2006). “Urban Design to Reduce Automobile Dependence”, *Opolis: An International Journal of Suburban and Metropolitan Studies*, vol. 2, Issue 1, Article 3, pp. 35-51, pdf. [www](#).

Nicolas, J.-P. , P. Pochet, H. Poimboeuf (year?). Towards Sustainable Mobility Indicators. Application to the Lyons conurbation. In *Transport Policy*, vol. 10, no. 3, pp. 197-208. Pdf. [www](#).

Oates, Wallace E. (Ed.) (1999). *The RFF Reader in Environmental and Resource Mnagement*. Washington D.C. Resources for the Future. xviii & 310p.

Ontario Government (2011). Climate Ready. Ontario’s Adaptation Strategy and Action Plan 2011-2012, Queen’s Printer, 124p. [www](#).

PBL Netherlands Environmental Assessment Agency (July 2012). Trends in Global CO2 Emissions. Background Studies, pdf. 40p. [www](#).

TRB (2009). Driving and the Built Environment. The Effects of Compact Development on Motorized Travel, Energy Use, and CO2 Emissions. 257p. [www](#).

World Resources Institute (2010). Dario Hidalgo, Modernizing Public Transportation (Lessons learned from major bus improvements in Latin America and Asia). Pdf. 44p. [www](#).

Further references

Peer 1 Report (2009). Europe Adapts to Climate Change. Comparing National Adaptation Strategies. Rod Stewart, Robbert Biesbroek, Svend Vinnerup, Timothy R. Carter, Caroline Cowan, Thomas Henrichs, Sophie Loquen, Hanna Mela, Michael Morecroft, Motrizt Reese and Daniela Ray. Partnership for European Environmental Research. Sastamala, 282p. www.peer.eu.

Said, Madami and Difat Adderrahmane (Recent) “The Tram as a Sustainable Mode of Mobility in the City of Setif-Algeria, Conference on Technology & Sustainability in the Built Environment, pdf, 16p. [www](#).

Smith, Peter F. (2010). *Building for a Changing Climate. The Challenge for Construction, Planning and Energy*. Earthscan publishing for a sustainable future, London, Sterling, VA, xvi & 184p.

UE, Sustainable Urban Mobility Plans – Planning for People (Sept. 2011) Guidelines: Developing and Implementing a sustainable urban mobility plan. Pdf, 120p. Working document. [www. Mobilityplans.eu](http://www.Mobilityplans.eu).

United Nations Centre for Regional Development in colab. With others (August 2010). Public Transport – The Smart, Green Solution. Financing Public Transport. Final Draft. Pdf 30p. www.

United Nations Human Settlements Programme. UN-HABITAT (2011). *Cities and Climate Change: Global Report on Human Settlements 2011*. Abridged Edition. London, Washington D.C., viii & 51p. www.

United Nations Human Settlements Programme. UN-HABITAT (2011). *Cities and Climate Change: Global Report on Human Settlements 2011*. Full Report. London, Washington D.C., xviii & 279p. www.

Villes en développement (dec. 2007). Mobility and urban development. Pdf 12p. www. (various short articles: mobility and accessibility, informal transport, sustainable strategies for developing cities, urban mobility in Morocco, Bangalore Masterplan, Gauteng Province in South Africa).

World Bank (2010). *Convenient Solutions to an Inconvenient Truth. Ecosystem-Based Approaches to Climate Change*. Washington D.C, xii & 116p. (2009 edition in [www](http://www.)).

World Bank (2010). *Energy Efficient Cities. Assessment and Benchmarking Practices*. Edited by Ranjan K. Bose, xviii & 228p. Washington D.C., xx & 418p. www.

World Bank (2010). *World Development Report 2010. Development and Climate Change*. Washington D.C., xx & 418p. www.

World Bank. Daniel Hoornweg, Mila Freire, Marcus J. Lee, Perinaz Bhada-Tata, and Belinda Yuen, Editors. (2011). *Cities and Climate Change. Responding to an Urgent Agenda*. xiv & 310p. www.

World Bank. *Eco 2 Cities. Ecological Cities as Economic Cities (2010)*. Hiroaki Suzuki, Arish Dastur, Sebastian Moffatt, Nanae Yabuki, Hinako Maruyama, Washington, D.C., xxviii & 360p. www.

Wright, Lloy and Walter Hook, *Bus Rapid Transit Guide* (June 2007). 3red ed. Pdf, 45p. New York, Institute for Transportation & Development Policy, www.

Sources & references in other languages

ADEME (Agence de l'Environnement et de la Maîtrise de l'Énergie) (2010). *Énergie et Climat*. Angers, France. Pdf 110p. www. (Transportation pp. 48-69).

CERTU (Lyon, France).

Castro, Angélica (2008). Ejemplos de BRT's en Latinoamerica y el Mundo, GTZ. Ppt, 31p. www.

A few websites

- http://europa.eu/legislation_summaries/environment/air_pollution/l28186_en.htm
- World Bank
- United Nations
- OECD (International Transport Forum & others)
- World Resources Institute, Washington D.C.
- EMBARQ
- Manicore (Jean-Marc Jancovici - France)
- ADEME (France)
- OECD (International Transport Forum & others)
- GTZ