

BIKE INFRASTRUCTURE

Drawdown Technical Assessment References

AECOM. (2011). Valuing cycling – Evaluating the economic benefits of providing dedicated cycle ways at a strategic network level. in: Australasian Transport Research Forum 2011 Proceedings. pp. 28–30. Retrieved from http://www.atrf11.unisa.edu.au/Assets/Papers/ATRF11_0144_final.pdf

Bacchieri, G., A. Barros, J. dos Santos, & D. Gigante. (2010). Cycling to work in Brazil: Users profile, risk behaviors, and traffic accident occurrence. Accident Analysis & Prevention, Volume 42, Issue 4. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0001457509003236, accessed on July 7, 2016.

Blondel, B., C. Mispelon. (2011). Cycle More Often 2 Cool Down The Planet!: Quantifying CO2 savings of cycling. European Cyclist Federation.

Bushell, M.A., Poole, B.W., Zegeer, C.V. and Rodriguez, D.A. (2013). Costs for Pedestrian and Bicyclist Infrastructure Improvements: A Resource for Researchers, Engineers, Planners, and the General Public. Chapel Hill, NC: University of North Carolina, Chapel Hill, Highway Safety Research Center.

Caltrans. (2016). California Transportation Plan 2040. Retrieved from: http://www.dot.ca.gov/hq/tpp/californiatransportationplan2040/Final%20CTP/FINALCTP2040-Report-WebReady.pdf, accessed July 8, 2016.

Cervero, R., O. Sarmiento, E. Jacoby, L.F. Gomez, Neiman, A. (2009). Influences of built environments on walking and cycling: lessons from Bogotá. International Journal of Sustainable Transportation, Vol. 3, Issue 4. Retrieved from:

http://www.tandfonline.com/doi/abs/10.1080/15568310802178314#.V4KEcJMrKRs accessed on July 10, 2016.

City Clock Magazine. (2014). Cycling Mode Share Data for 700 Cities. Retrieved July 10, 2016 from http://www.cityclock.org/urban-cycling-mode-share/#.V3x3H5MrKRt.

Clean Air Asia. (2010). Non-Motorized Transportation: Introduction to Cycling in Asia

Climate Focus. (2013). Bikes to reduce emissions - Using climate finance to facilitate and promote cycling. Retrieved from

http://www.climatefocus.com/documents/files/cycling__climate_finance_briefing.pdf

Davis, A. (2010). Value for Money: An Economic Assessment of Investment in Walking and Cycling. NHS Bristol, Bristol City Council. Retrieved July 4, 2016 from:

http://www.planethealthcymru.org/sitesplus/documents/886/Value for money_economic assessment.pdf.

Flusche, D. (2012). *Bicycling Means Business - The economic benefits of bicycle infrastructure*. Retrieved from http://www.aarp.org/content/dam/aarp/livable-communities/old-learn/transportation/economic-benefits-bicycle-infrastructure-report.pdf

Garland, J., Handy, S. & Dill, J. (2012). Women and Cycling. City Cycling, Pucher, J. and R. Buehler eds. Cambridge: MIT Press.

Geller, R. (2006). Four Types of Cyclists. City of Portland Office of Transportation. Retrieved from https://www.portlandoregon.gov/transportation/44597?a=237507.

Global Buildings Performance Network. (2014). *Tool for Building Energy Performance Scenario*. Retrieved from http://www.gbpn.org/databases-tools/mrv-tool/about

Grabow, M., Spak, S., Holloway, T., Stone, B., Mednick, A., Patz, J. (2012). Air quality and exercise-related health benefits from reduced car travel in the midwestern United States. *Environ Health Perspect*. 2012 Jan;120(1):68-76. doi: 10.1289/ehp.1103440. Epub 2011 Nov 2. Retrieved from: http://www.ncbi.nlm.nih.gov/pubmed/22049372.

Hidalgo, D. & Huizenga, C. (2013). Implementation of sustainable urban transport in Latin America. *Research in Transportation Economics*, Volume 40, Issue 1. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0739885912001060, accessed July 7, 2016.

Infrastructure Australia. (2009). Cycling infrastructure for Australian cities: Background paper. Retrieved fromwww.infrastructureaustralia.gov.au/publications/files/Cycling_Infrastructure_Background_Paper_16M ar09_WEB.pdf

Kenworthy, J. & Hu, G. (2002). Transport and urban form in Chinese cities: An International comparative and policy perspective with implications for sustainable urban transport in China. Retrieved from http://www.naturaledgeproject.net/Documents/KenworthyHuTransportChina.pdf

Küster, F. & Blondel, B. (2013). *Calculating the Economic Benefits of Cycling in EU-27*. Retrieved July 4, 2016 from http://www.ecf.com/wp-content/uploads/ECF_Economic-benefits-of-cycling-in-EU-27.pdf.

League of American Bicyclists. (2014). Where We Ride, Report on 2014 American Community Survey. Retrieved from: http://www.bikeleague.org/sites/default/files/Where_We_Ride_2014_data_web.pdf.

League of American Bicyclists. (2016). The essential elements of a bicycle friendly America. Retrieved July 2, 2016 from http://www.bikeleague.org/content/5-es.

LTA Academy. (2011). Passenger Transport Mode Shares in World Cities in *Journeys 2011*. Retrieved from http://www.lta.gov.sg/ltaacademy/doc/J11Nov-p60PassengerTransportModeShares.pdf

Lusk, A.C., Wen, X., & Zhou, L. (2013). Gender and used/preferred differences of bicycle routes, parking, intersection signals, and bicycle type: Professional middle class preferences in Hangzhou, China. *Journal of Transport & Health* 1 (2014). Retrieved from: http://ac.els-cdn.com/S2214140514000334/1-s2.0-S2214140514000334-main.pdf?_tid=3e07db0c-416d-11e6-9b09-00000aab0f27&acdnat=1467584993_b7fba58cede045dc355e2e5da36f68fb.

Macmillan A, Connor J, Witten K, Kearns R, Rees D, Woodward A. (2014). The societal costs and benefits of commuter bicycling: simulating the effects of specific policies using system dynamics modeling. *Environ Health Perspect* 122:335–344; http://dx.doi. org/10.1289/ehp.1307250

Masters, N. (2013). CityDig: A Freeway for Bicycles? It Happened in Pasadena. Los Angeles Magazine 3/19/2013. Retrieved July 8, 2016 from: http://www.lamag.com/citythinkblog/citydig-a-freeway-for-bicycles-it-happened-in-pasadena/.

Monsere, C., Dill, J., McNeil, N., Clifton, K., Foster, N., Goddard, T., Berkow, M., Gilpin, J., Voros, K., van Hengel, D., & Parks, J. (2014). Lessons from the Green Lanes: Evaluating Protected Bike Lanes in the U.S. National Institute for Transportation and Communities, NITC-RR-583. Retrieved from http://bikeportland.org/wp-content/uploads/2014/06/NITC-RR-583_ProtectedLanes_FinalReportb.pdf.

Montes, F., Sarmiento, O., Zarama, R., Pratt, M., Wang, G., Jacoby, E., Schmid, T., Ramos, M., Ruiz, O. (2012). Do health benefits outweigh the costs of mass recreational programs? An economic analysis of four Ciclovía programs. *Journal of Urban Health*. February 2012, Volume 89, Issue 1, pp 153-170.

National Association of City Transportation Officials. (2014). Urban Bikeway Design Guide. Washington: Island Press.

New York City. (2012). *Measuring the Street: New Metrics for 21st Century Streets*. Retrieved from https://d3n8a8pro7vhmx.cloudfront.net/americabikes/pages/211/attachments/original/1351785187/201 2-10-measuring-the-street.pdf?1351785187

OECD/International Transport Forum. (2013). Cycling, Health, and Safety, OECD Publishing/ITF. Retrieved July 4, 2016 from: http://dx.doi.org/10.1787/9789282105955-en.

Pichs-Madruga, Y., Farahani, E., Kadner, S., Seyboth, K., Adler, A., Baum, I., Brunner, S., Eickemeier, P., Link, P. et al. (2014). Transport, in *Working Group III contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, Climate Change 2014: Mitigation of Climate Change,* chapter 8. Geneva: Cambridge University Press

Parker, K., Rice, J., Gustat, J., Ruley, J., Spriggs, A. & Johnson, C. (2013). Effect of bike lane infrastructure improvements in one New Orleans neighborhood. *Annals of Behavioral Medicine* 45 (Suppl 1). Milwaukee, WI: Springer.

Pucher, J. and Buehler, R. (2005). *Cycling trends and policies in Canadian cities*. World Transport Policy and Practice, March 2005, volume 11, issue 1, pp. 43-61. Retrieved from: http://www.ecologica.co.uk/pdf/wtpp11.1.pdf.

Replogle, M.A., Fulton, L.M. (2014). A Global High Shift Scenario - Impacts And Potential For More Public Transport, Walking, And Cycling With Lower Car Use.

Roethig, M. and D. Efimenko. (2014). Changing Urban Traffic and the Role of Bicycles. Friedrich Ebert Stiftung. Retrieved from:

http://deu.fesmos.ru/netcat_files/userfiles/36/FINAL%20FES_A5_Broshure_Bike_en-preview.pdf.

Rojas-Rueda, D., de Nazelle, A., Taino, M. and Nieuwenhuijsen, M. (2011). The health risks and benefits of cycling in urban environments compared with car use: health impact assessment study. Retrieved from http://www.bmj.com/content/343/bmj.d4521.

Salt Lake City Division of Transportation. (2015). 300 South Progress Report. Retrieved July 4, 2016 from: https://drive.google.com/file/d/0B8tOk7_upXv5djhCajg1Z0I3bmhTVTIxWldwRzA0YjJWNW9R/view.

Seto, K., Shakal, S., Bigio, A, Blanco, H. Delagdo, D., Dewar, D., Huang, L., Inaba, A. et al. (2014). Human settlements, infrastructure and spatial planning, in *Working Group III contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, Climate Change 2014:*Mitigation of Climate Change, chapter 12. Geneva: Cambridge University Press

Singh, S. (2012). Urban Transport in India: Issues, Challenges, and the Way Forward. Retrieved from https://www.openstarts.units.it/dspace/bitstream/10077/8185/1/ET_2012_52_5%20-%20Singh.pdf

SustraMM. (2013). Working paper about Costs and benefits of cycling.

Tiwari G. & Jain, H. (2008). Bicycles in Urban India. Bicycling in Asia, Tiwari, G., A. Arora, and H. Jain, eds. Dehli: Indian Institute of Technology. Retrieved from https://www.researchgate.net/profile/Darshini_Mahadevia/publication/265641176_Bicycling_in_Asia/links/543fb7f20cf2be1758cf5312.pdf#page=17.

UK Department of Transport. (2014). *Value for Money Assessment for Cycling Grants*. Retrieved July 4, 2016 from: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/348943/vfm-assessment-of-cycling-grants.pdf.

Van Essen, H.P., Brouwer, F.P.E., Otten, M.B.J. & Schroten, A. (2008). *Reduced emissions by investing in infrastructure - Exploration for infrastructural measures for climate change in traffic.* (Dutch) CE Delft. Retrieved from: http://www.ce.nl/publicatie/minder_emissies_door_investeren_in_infrastructuur/857.

Yi, M., Feeney, K., Adams, D., Garcia, C., Chandra, P. (2011). Valuing cycling–evaluating the economic benefits of providing dedicated cycle ways at a strategic network level, in: *Australasian Transport Research Forum 2011 Proceedings*. pp. 28–30. Retrieved from http://www.atrf.info/papers/2011/2011_Yi_Feeney_Adams_Garcia_Chandra.pdf

Zegras, C. (2007). As if Kyoto mattered: The clean development mechanism and transportation. *Energy Policy* 35 (2007).