

Better Health, Better Environment, Sustainable Choices.

# **Bibliographical Appendix for Fact Sheets**

## 1) Transport, health and environment

European Commission (2016). Transport sector economic analysis, EU Science Hub - The European Commission's science and knowledge service. Brussels (https://ec.europa.eu/jrc/en/research-topic/transport-sector-economic-analysis, accessed on 24 May 2017).

European Environment Agency (2016a). Investment in transport infrastructure, Indicator assessment – Data and maps. Copenhagen (https://www.eea.europa.eu/data-and-maps/indicators/infrastructure-investments/assessment-3, accessed on 24 May 2107).

European Environment Agency (2016b). Air quality in Europe – 2016 report (EEA Report No. 28/2016). Copenhagen (https://www.eea.europa.eu/publications/air-quality-in-europe-2016, accessed on 24 May 2107).

European Environment Agency (2016c). Transition towards a more sustainable mobility system – TERM 2016: Transport indicators tracking progress towards environmental targets in Europe (EEA Report No 34/2016). Copenhagen (https://www.eea.europa.eu/publications/term-report-2016, accessed on 24 May 2017).

European Environment Agency (2017). Managing Exposure to noise in Europe. Copenhagen (https://www.eea.europa.eu/highlights/road-traffic-remains-biggest-source, accessed on 25 April 2017).

Hak C, Larssen S, Randall S, Guerreiro C, Denby B., Horálek J (2012). Road traffic's contribution to air quality in European cities (Technical Paper 2012/14). Bilthoven (NL): European Topic Centre on Air Pollution and Climate Change Mitigation

(http://acm.eionet.europa.eu/reports/docs/ETCACM\_TP\_2012\_14\_traffic\_contribution\_city\_aq.pdf, accessed on 24 May 2017).

Jackisch J, Sethi D, Mitis F, Szymanski T, Arra A (2015). European facts and the Global status report on road safety 2015. Copenhagen: WHO Regional Office for Europe

(http://www.euro.who.int/\_\_data/assets/pdf\_file/0006/293082/European-facts-Global-Status-Report-road-safety-en.pdf, accessed 2 February 2017).

Kelly P, Kahlmeier S, Götschi T, Orsini N, Richards J, Roberts N, et al (2014). Systematic review and meta-analysis of reduction in all-cause mortality from walking and cycling and shape of dose response relationship. International Journal of Behavioral Nutrition and Physical Activity. 11:132. doi: 10.1186/s12966-014-0132-x. (http://download.springer.com/static/pdf/644/art%253A10.1186%252Fs12966-014-0132-x.pdf?originUrl=ht-tp%3A%2F%2Fijbnpa.biomedcentral.com%2Farticle%2F10.1186%2Fs12966-014-0132-x.&token2=exp=1494272448~acl=%2Fstatic%2Fpdf%2F644%2Fart%25253A10.1186%25252Fs12966-014-0132-x.pdf\*~hmac=845029825e07fc5ca60c86b32d86213954cbc22e2554d36de3c1ec1d0177b6da, accessed on 8 May 2017).

UNECE (2017). Transport, Health and Environment Pan-European Programme. Geneva (http://www.unece.org/thepep/en/welcome.html, accessed on 1 February 2017).

United Nations, Department of Economic and Social Affairs, Population Division (2014). World Urbanization Prospects: The 2014 Revision, Highlights. New York (https://esa.un.org/unpd/wup/publications/files/wup2014-highlights.pdf, accessed on 1 February 2017).

University of Washington Institute for Health Metrics and Evaluation (2010). Global Burden of Disease Study 2010: results by risk factor 1990–2010: country level. Global Health Data Exchange [online database]. Seattle, WA (http://ghdx.healthdata.org/record/ global-burden-disease-study-2010-gbd-2010-resultsrisk-factor-1990-2010, accessed 2 February 2017).

World Health Organization (2009). Global health risks. Mortality and burden of disease attributable to selected major risks. Geneva

(http://www.who.int/healthinfo/global\_burden\_disease/GlobalHealthRisks\_report\_full.pdf?ua=1&ua=1, accessed 2 February 2017).

World Health Organization (2010). Global recommendations on physical activity for health. Geneva (http://www.who.int/dietphysicalactivity/factsheet\_recommendations/en/, accessed on 2 February 2017).

World Health Organization (2011). Health co-benefits of climate change mitigation – Transport sector. Geneva (http://www.who.int/hia/green\_economy/transport\_sector\_health\_co-benefits\_climate\_change\_mitigation/en/, accessed on 1 February 2017).

World Health Organization (2016). Health as the Pulse of the New Urban Agenda Geneva. Geneva (http://apps.who.int/iris/bitstream/10665/250367/1/9789241511445-eng.pdf, accessed on 1 February 2016).

## 2) Urban planning and health

European Environment Agency. Forests, Health and Climate Change [website]. Copenhagen (http://www.eea.europa.eu/articles/forests-health-and-climate-change/, accessed 02 May 2017).

European Environment Agency (2016). Urban adaptation to climate change in Europe 2016 — transforming cities in a changing climate. Copenhagen (https://www.eea.europa.eu/publications/urban-adaptation-2016, accessed 2 May 2017).

European Topic Centre on Air Pollution and Climate Change Mitigation (2017). Noise in Europe 2017: updated

assessment. Bilthoven (NL) (http://acm.eionet.europa.eu/, accessed 2 May 2017).

Eurostat (2017). Urban Audit Database. Luxembourg (http://ec.europa.eu/eurostat/web/cities/data/database, accessed 2 May 2017).

Nieuwenhuijsen MJ. Urban and transport planning, environmental exposures and health – new concepts, methods and tools to improve health in cities (2016 Mar). Environ Health. 8;15(Suppl 1:38). doi: 10.1186/s12940-016-0108-1.

Reckien D, Flacke J, Dawson RJ, Heidrich O, Olazabal M, Foley A, et al (2014). Climate change response in Europe: What's the reality? Analysis of adaptation and mitigation plans from 200 urban areas in 11 countries. Climatic Change. 122(1–2):331–340.

Treeconomics (2015). Valuing London's urban forest: Results of the London i-Tree Eco Project. London (http://www.forestry.gov.uk/pdf/LONDONI-TREEECORE-PORT151202.pdf/\$FILE/LONDONI-TREEECOREPORT151202.pdf, accessed 2 May 2017).

United Nations, Department of Economic and Social Affairs, Population Division (2014). World Urbanization Prospects: The 2014 Revision, Highlights. New York.

WHO Regional Office for Europe (2011). Environmental burden of disease associated with inadequate housing. Copenhagen (http://www.euro.who.int/\_\_data/assets/pdf\_file/0017/145511/e95004sum.pdf, accessed 2 May 2017).

World Health Organization (2016). Ambient air pollution: A global assessment of exposure and burden of disease. Geneva (http://apps.who.int/iris/bitstream/10665/250141/1/9789241511353-eng.pdf, accessed 22 Feb 2017).

## 3) Climate change and health

Arbuthnott K, Hajat S, Heaviside C, Vardoulakis S (2016). Changes in population susceptibility to heat and cold over time: assessing adaptation to climate change. Environmental Health. 15(S1):S33. (http://ehjournal.biomedcentral.com/articles/10.1186/s12940-016-0102-7, accessed 23 February 2017).

Bittner MI, Matthies FE, Dalbokova D, Menne B (2014). Are European countries prepared for the next big heat-wave? European Journal of Public Health. 24(4):615–619. (http://eurpub.oxfordjournals.org/content/24/4/615.long).

Ciscar JC, Iglesias A, Feyen L, Szabo L, van Regemorter D, Amelung B, et al (2011). Physical and economic consequences of climate change in Europe. Proceedings of the National Academy of Sciences. 108(7):2678–2683.

Dear K, Wang Z (2015). Climate and health: mortality attributable to heat and cold. Lancet. 386:320–322. (http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(15)60897-2/abstract). Dunne JP, Stouffer RJ, John JG (2013). Reductions in labour capacity from heat stress under climate

warming. Nature Climate Change. 3(6):563-566.

Field CB, Barros V, Stocker TF, Qin D, Dokken DJ, Ebi KL, et al (eds.). Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (2012). A Special Report of Working Groups I and II of the Intergovernmental Panel on Climate Change. Cambridge, UK, and New York, USA: Cambridge University Press.

Gasparrini A, Guo Y, Hashizume M, Lavigne E, Zanobetti A, Schwartz J, et al (2015). Mortality risk attributable to high and low ambient temperature: A multi-country observational study. The Lancet. 386(9991):369–375.

Green R, Milner J, Dangour AD, Haines A, Chalabi Z, Markandya A, et al (2015). The potential to reduce greenhouse gas emissions in the UK through healthy and realistic dietary change. Climatic Change. 129(1–2):253–265.

Honda Y, Kondo M, McGregor G, Kim H, Guo YL, Hijioka Y, et al (2014). Heat-related mortality risk model for climate change impact projection. Environmental Health and Preventive Medicine. 19(1):56–63. (http://link.-springer.com/article/10.1007/s12199-013-0354-6).

Hosking J, Mudu P, Dora C (2011). Health in the green economy. Health co-benefits of climate change mitigation - Transport sector. Geneva: World Health Organization (http://www.who.int/hia/examples/trspt%7B\_%7-Dcomms/hge%7B\_%7Dtransport%7B\_%7Dlowresdurban%7B\_%7D30%7B\_%7D11%7B\_%7D2011.pdf).

Hutton G, Menne B (2014). Economic Evidence on the Health Impacts of Climate Change in Europe. Environmental Health Insights. 8:43–52.

Kendrovski V, Baccini M, Menne B, Wolf T, Sanchez MG. Increasing heat mortality among European Union citizens under global warming in 21 Century. In: Abstracts of the 2016l Epidemiology (ISEE). Abstract [4238]. Research Triangle Park, NC: Environmental Health Perspectives (http://dx.doi.org/10.1289/ehp.isee2016).

Lindgren E, Andersson Y, Suk JE, Sudre B, Semenza J (2012). Monitoring EU emerging infectious disease risk due to climate change. Science. 336(6080):418–419. (http://www.sciencemag.org/content/336/6080/418, accessed 27 June 2012).

Menne B, Murray V (2013). Floods in the WHO European Region: Health effects and their prevention. Copenhagen: WHO Regional Office for Europe

(http://www.euro.who.int/en/health-topics/environment-and-health/Climate-change/publications/2013/floods-in-the-who-european-region-health-effects-and-their-prevention).

Paci D (2014). Human health impacts of climate change in Europe. Report for the PESETA II project. Seville: European Commission Joint Research Centre Institute for Prospective Technological Studies (https://ec.europa.eu/jrc/en/publication/eur-scientific-and-tchnical-research-reports/human-health-impacts-climate-change-europe-report-peseta-ii-project).

Stocker TF, Qin D, Plattner GK, Tignor M, Allen SK, Boschung J, et al (eds.). Summary for Policymakers (2013). Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge, United Kingdom and

New York, USA: Cambridge University Press.

Tirado MC, Crahay P, Mahy L, Zanev C, Neira M, Msangi S, et al (2013). Climate change and nutrition: Creating a climate for nutrition security. Food and Nutrition Bulletin. 34(4):533–547.

UNFCCC (1992). FCCC/Informal/84 United Nations Framework Convention on Climate Change. New York (https://unfccc.int/resource/docs/convkp/conveng.pdf).

UNFCCC (2015). Paris Agreement 21st Conference of the Parties. UNFCCC/CP/2015/L.9:3. Paris (http://unfccc.int/paris%7B\_%7Dagreement/items/9485.php).

United Nations General Assembly (2015). General Assembly Resolution (A/70/L.1). Transforming our world: the 2030 Agenda for Sustainable Development (2015). 16301(October):1–35. New York (https://sustainabledevelopment.un.org/post2015/transformingourworld).

Watkiss P, Hunt A (2012). Projection of economic impacts of climate change in sectors of Europe based on bottom up analysis: human health. Climatic Change. 112(1):101–126. (http://www.springerlink.com/index/10.1007/s10584-011-0342-z, accessed 18 April 2012).

WHO Regional Office for Europe (2015). Implementing the European Regional Framework for Action to protect health from climate change. A status report. Copenhagen (http://www.euro.who.int/en/media-centre/events/events/2015/04/ehp-mid-term-review/publications/impleme nting-the-european-regional-framework-for-action-to-protect-health-from-climate-change.-a-status-report, accessed 22 September 2015).

WHO Regional Office for Europe (2016). Towards environmentally sustainable health systems in Europe. A review of the evidence (2016). Copenhagen.

World Health Organization (2014a). WHO Guidance to protect health from climate change through health adaptation planning. Geneva.

World Health Organization (2014b). Quantitative risk assessment of the effects of climate change on selected causes of death, 2030s and 2050s. (Hales S, Kovats S, Lloyd S, Campbell-Lendrum D, eds.). Geneva.

World Health Organization (2015a). Reducing global health risks through mitigation of short-lived climate pollutants. Scoping report for policymakers. Geneva (http://www.who.int/phe/publications/climate-reducing-health-risks/en/, accessed 15 March 2017).

World Health Organization (2015b). Operational framework for building climate resilient health systems. Geneva.

World Health Organization & World Meteorological Organization (2012). Atlas of Health and Climate. Geneva.

4) Elimination of asbestos-related diseases (no references)

## 5) Chemical safety

Bartlett ES, Trasande L (2014). Economic impacts of environmentally attributable childhood health outcomes in the European Union. Eur J Public Health. 24:21–6.

Bellanger M, Demeneix B, Grandjean P, Zoeller RT, Trasande L (2015). Neurobehavioral Deficits, Diseases, and Associated Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. J Clin Endocrinol Metab. 100:1256–1266.

Bellanger M, Pichery C, Aerts D, Berglund M, Castaño A, Čejchanová M, et al (2013). Economic benefits of methylmercury exposure control in Europe: monetary value of neurotoxicity prevention. Environ Health. 12:3.

Bellinger DC (2009). Interpreting epidemiologic studies of developmental neurotoxicity: conceptual and analytic issues. Neurotoxicol Teratol. 31:267–74.

Cooper K, Marshall L, Vanderlinden L, Ursitti F (2011). Early Exposures to Hazardous Chemicals/Pollution and Associations with Chronic Disease: A Scoping Review. A report from the Canadian Environmental Law Association, the Ontario College of Family Physicians, and the Environmental Health Institute of Canada (http://www.healthyenvironmentforkids.ca/resources/EE-andCD-scoping-review, accessed on 21 May 2017).

Grandjean P (2013). Only One Chance. How Environmental Pollution Impairs Brain Development – and How to Protect the Brains of the Next Generation. New York: Oxford University Press.

Grandjean P, Landrigan P (2006). Developmental neurotoxicity of industrial chemicals. Lancet. 368:2167–78.

Grandjean P, Landrigan PJ (2014). Neurobehavioural impact of developmental toxicity. Lancet Neurol. 13:330-8.

Hauser R, Skakkebaek NE, Hass U, Toppari J, Juul A, Andersson AM, et al (2015). Male Reproductive Disorders, Diseases, and Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. J Clin Endocrinol Metab. 100:1267–1277.

Kalkbrenner AE, Schmidt RJ, Penlesky AC (2014). Environmental Chemical Exposures and Autism Spectrum Disorders: A Review of the Epidemiological Evidence. Curr Probl Pediatr Adolesc Health Care. 44:277–318.

Landrigan P, Nordberg M, Lucchini R, Nordberg G, Grandjean P, Iregren A, et al (2007). International Workshop on Neurotoxic Metals: Lead, Mercury, and Manganese – From Research to Prevention (NTOXMET) 2007. The Declaration of Brescia on prevention of the neurotoxicity of metals June 18, 2006. Am J Ind Med. 50:709–11.

Landrigan PJ, Sonawane B, Butler RN, Trasande L, Callan R, Droller D (2005). Early Environmental Origins of Neurodegenerative Disease in Later Life. Environ Health Perspect. 113:1230–1233.

Legler J, Fletcher T, Govarts E, Porta M, Blumberg B, Heindel JJ, et al. (2015). Obesity, Diabetes, and Associated Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. J Clin Endocrinol Metab. 100:1278–1288.

Maccari S, Krugers HJ, Morley-Fletcher S, Szyf M, Brunton PJ (2014). The consequences of early-life adversity: neurobiological, behavioural and epigenetic adaptations. J Neuroendocrinol. 26:707–723.

Perera F, Herbstman J (2011). Prenatal environmental exposures, epigenetics, and disease. Reprod Toxicol. 31:363–73.

Pruss-Ustun A, Vickers C, Haefliger P, Bertollini R (2011). Knowns and unknowns on burden of disease due to chemicals: a systematic review. Environ Health. 10:9.

Raanan R, Harley KG, Balmes JR, Bradman A, Lipsett M, Eskenazi B (2015). Early-life exposure to organophosphate pesticides and pediatric respiratory symptoms in the CHAMACOS cohort. Environ Health Perspect. 123:179–185.

Salam MT, Li YF, Langholz B, Gilliland FD (2004). Early-life environmental risk factors for asthma: findings from the Children's Health Study. Environ Health Perspect. 112:760–765.

Salameh P, Baldi I, Brochard P, Raherison C, Abi Saleh B, Salamon R (2003). Respiratory symptoms in children and exposure to pesticides. Eur Respir J. 22:507–512.

Skinner MK, Guerrero-Bosagna C (2009). Environmental signals and transgenerational epigenetics. Epigenomics. 1:111–7;

Trasande L, Zoeller RT, Hass U, Kortenkamp A, Grandjean P, Myers JP, et al (2015). Estimating burden and disease costs of exposure to endocrine-disrupting chemicals in the European Union. J Clin Endocrinol Metab. 100:1245-55.

Trasande L, Zoeller RT, Hass U, Kortenkamp A, Grandjean P, Myers JP, et al (2016). Burden of disease and costs of exposure to endocrine disrupting chemicals in the European Union: an updated analysis. Andrology. 10.1111/andr.12178.

Tsai PL, Hatfiefld TH (2010). Green Chemistry and the Phase-out of Leaded Fuel. In: Green Chemistry in Higher Education Symposium, U.C Berkeley, 26 October 2010, California State University, Northridge. (www.csun.edu/~vchsc006/lead.pdf, accessed on 29 May 2017).

United Nations (2012). The future we want. Outcome document of the United Nations Conference on Sustainable Development (Rio de Janeiro, Brazil, 20–22 June 2012). New York (https://sustainabledevelopment.un.org/futurewewant.html, accessed 29 May 2017).

Vandenberg LN, Colborn T, Hayes TB, Heindel JJ, Jacobs DR Jr, Lee DH, et al (2012). Hormones and endocrine-disrupting chemicals: low-dose effects and nonmonotonic dose responses. Endocr Rev. 33:378–455.

WHO Regional Office for Europe (2013). Health 2020: a European policy framework supporting action across government and society for health and well-being.

Copenhagen (http://www.euro.who.int/en/health-topics/health-policy/health-2020-the-european-policy-for-health-and-well-being/publications/2013/health-2020-a-european-policy-framework-supporting-action-across-government-and-society-for-health-and-well-being, accessed 21 May 2017).

WHO Regional Office for Europe (2015). The Life-course approach in the context of Health 2020. The Minsk Declaration. Copenhagen (http://www.euro.who.int/en/publications/policy-documents/the-minsk-declaration, accessed 21 May 2017).

Winneke G (2011). Developmental aspects of environmental neurotoxicology: Lessons from lead and polychlorinated biphenyls. J Neurol Sci. 308:9–15.

World Health Organization (2013). State of the science of endocrine disrupting chemicals – 2012. Geneva (http://www.who.int/ceh/publications/endocrine/en/, accessed on 21 May 2017).

World Health Organization (2016). Public health impact of chemicals: knowns and unknowns. Geneva (http://www.who.int/ipcs/publications/chemicals-public-health-impact/en/, accessed 21 May 2017).

## 6) Reducing noise to promote health

European Environment Agency (2014). Noise in Europe 2014 (EEA Report No 10/2014). Copenhagen (https://www.eea.europa.eu/publications/noise-in-europe-2014, accessed on 24 March 2017).

European Environment Agency (2016). Quiet areas in Europe — the environment unaffected by noise pollution (EEA Report No 14/2016). Copenhagen (https://www.eea.europa.eu/publications/quiet-areas-in-europe, accessed on 24 March 2017).

European Environment Agency (2017). Managing exposure to noise in Europe (EEA Briefing 01/2017). Copenhagen (https://www.eea.europa.eu/publications/managing-exposure-to-noise-in-europe, accessed on 26 April 2017).

## 7) Water sanitation and hygiene

Bartram J, Corrales L, Davison A, Deere D, Drury D, Gordon B et al (2009). Water safety plan manual: step-by-step risk management for drinking-water suppliers. Geneva: World Health Organization.

Grossi V, Klimschak E, Rechenburg A, Shinee E, Schmoll O (2016). The situation of water, sanitation and hygiene in schools in the pan-European region. Copenhagen: WHO Regional Office for Europe.

Hutton G (2012). Global costs and benefits of drinking-water supply and sanitation interventions to reach the MDG target and universal coverage. Geneva: World Health Organization.

Prüss-Ustün A, Wolf J, Corvalán C, Bos R, Neira M (2016). Preventing disease through healthy environments: a global assessment of the burden of disease from environmental risks. Geneva: World Health Organization.

UNESCO (2017). The United Nations World Water Development Report 2017. Wastewater: The Untapped Resource. Paris.

UNICEF and World Health Organization (2016). Progress on Drinking Water and Sanitation – 2015 update and MDG assessment. Geneva.

United Nations Economic Commission for Europe and WHO Regional Office for Europe (2006). Protocol on

Water and Health to the 1992 Convention on the Protection and Use of Transboundary Watercourses and International Lakes. Geneva.

World Health Organization (2011a). Guidelines for drinking-water quality – fourth edition. Geneva.

World Health Organization (2011b). Sanitation safety planning: manual for safe use and disposal of wastewater, greywater and excreta. Geneva.

## 8) Environmental and health impact assessments

Nowacki J, Martuzzi M, Fischer TB (2010). Health and strategic environmental assessment. Background information and report of the WHO consultation meeting, Rome, Italy, 8-9 June 2009. Copenhagen: WHO Regional Office for Europe

(http://www.euro.who.int/en/health-topics/environment-and-health/health-impact-assessment/publications/20 10/health-and-strategic-environmental-assessment, accessed 5 February 2017).

## 9) Building environmentally sustainable health systems

World Medical Association (2016). World Medical Association (WMA) statement on divestment from fossil fuels. Adopted by the 67th WMA General Assembly, Taipei, Taiwan, October 2016 (https://www.wma.net/policies-post/wma-statement-on-divestment-from-fossil-fuels/, accessed 20 May 2016).

#### 10) Better air for better health

WHO Regional Office for Europe (2017). Evolution of WHO air quality guidelines: past, present and future. Copenhagen (http://www.euro.who.int/en/health-topics/environment-and-health/air-quality/publications/2017/evolution-of-who-air-quality-guidelines-past,-present-and-future-2017, accessed 16 April 2017).

World Health Organization (2014). WHO guidelines for indoor air quality: household fuel combustion. Geneva (http://www.who.int/indoorair/guidelines/hhfc/HHFC\_guidelines.pdf, accessed 16 March 2017).

World Health Organization (2016). Health and the environment: Draft road map for an enhanced global response to the adverse health effects of air pollution (resolution A68.18). Geneva (http://apps.who.int/iris/handle/10665/250653, accessed 16 March 2017).

World Health Organization (2017). Don't pollute my future! The impact of the environment on children's health. Geneva (http://www.who.int/ceh/publications/don-t-pollute-my-future/en/, assessed 17 March 2017).

## 11) Contaminated sites and waste

(no references)

Sixth Ministerial Conference on Environment and Health

13-15 June 2017, Ostrava, Czech Republic