



AIR POLLUTION AND HEALTH

TARGET:

Increase urban population with air quality within WHO limits by an additional 1.5 billion persons by 2030.



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Why is Air Pollution and Health important?

World Health Organisation (WHO) reports that in 2012 around 7 million people died as a result of air pollution exposure and air pollution is now the world's largest single environmental health risk. Reducing fine particulate matter levels for which transport is a major source can make it more attractive to walk and to use other sustainable transport modes.

Process Indicators (2030 compared to 2010 baseline):

- PM10 and/or PM2.5 air pollution from passenger and freight vehicles by 2030 (desired achievement: 70% reduction compared to 2010).
- Phase-out all motor vehicle fossil fuel subsidies by 2020.
- Proportion of urban dwellers engaging in adequate outdoor physical exercise according to WHO.

Implementation and Enabling Measures:

Recognition of air pollution having serious health impacts is the starting point for a comprehensive approach to reducing air pollution from all sources. Advances in vehicle emission controls with improved fuel quality can cut air pollution from light and heavy-duty vehicles by almost 70% by 2030 compared to 2010. But a multi-pronged approach is needed by providing a suite of sustainable transport and land use options to improve access to jobs and other opportunities and so reduce the need for travel and reliance on private modes. Providing safe public transport, and making it more attractive for people to walk and cycle leads to increased levels of physical activity and reduced private vehicle use, thereby boosting physical fitness and cutting obesity. Building capable institutions for sustainable transport planning, implementation and management of vehicle emissions as well as air quality management is critical.

Through the Results Framework on Sustainable Transport the SLoCaT Partnership, with its 90 members, promotes the integration of sustainable transport in the post-2015 agenda for sustainable development. The development of the SLoCaT Results Framework on Sustainable Transport is supported by GIZ and UN-Habitat (with funding provided by DFID-UK). For more information on the SLoCaT Results Framework please contact cornie.huizenga@slocatpartnership.org.