Health Impact Assessment of Urban Air Pollution in Europe

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- Pressing gaps remain in stakeholders' understanding of the continuing threat on health represented by air pollution in urban areas.

- Through a set of interrelated work packages, Aphekom aims to develop and deliver reliable evidence-based actionable information and tools on the health impacts and monetary costs of urban air pollution in several European cities.

- The revised integration of complex scientific evidence into HIA and the strengthening of communication tools with stakeholders conducted within Aphekom project will improve urban health governance and accountability by allowing decision makers to set more effective local and European policies, health professionals better advise vulnerable groups and individuals make better-informed decisions.

Scientific workpackage

Health Impacts and Policy: Novel Approaches
(CREAL, Barcelona and Swiss TPH, Basel)

- How many people in Aphekom cities live next to traffic pollution? How does this vary across the different cities?
- How many chronic and associated acute diseases could be avoided among the Aphekom city population if less people were exposed to traffic pollution?

Scientific workpackage

Health Impacts and Monetary Costs of Air Pollution
(InVS, France)

- What would be the health benefits of reducing air pollution levels in the Aphekom cities?
- What would be the associated health-related monetary costs of air pollution in the Aphekom cities?

Scientific workpackage

Sharing Knowledge and Uncertainties with Stakeholders
(C3ED, Saint-Quentin-en-Yvelines, France)

- How to deal with uncertainties in the decision-making chain?

Scientific workpackage

Health Impacts and Costs of Implemented Policies in Air Pollution
(DIT, Ireland)

- Are there any initiatives which were taken in Aphekom cities that improved air quality?
- What are the health impacts and related monetary costs of an implemented policy in air pollution in Aphekom cities?

Aphekom network

- French Public Health Surveillance, InVS, Saint-Maurice, France
- Umeå University, Umeå, Sweden
- Barcelona Public Health Agency, Spain
- Centre for Research in Environmental Epidemiology, CREAL, Barcelona, Spain, and Institute for Social and Preventive Medicine-Swiss Tropical Institute, Basel, Switzerland
- Dublin Institute of Technology, Ireland
- St. George’s, University of London, United Kingdom
- Department of Hygiene, Epidemiology and Medical Statistics, Medical School, University of Athens, Greece
- Centre of Economics and Ethics for the Environment and Development, C3ED, University of Versailles Saint-Quentin-en-Yvelines, UVSQ, France
- Valencia School for Health Studies, EVES, and Centre for Research on Public Health, CSISIP, Valencia, Spain
- Brussels Institute for the Management of the Environment, Belgium
- Basque Foundation for Health Innovation and Research, Vitoria-Gasteiz, Spain
- Andalusian School of Public Health, EASP, Granada, Spain
- Institute of Public Health, Bucharest, Romania
- Institute of Public Health of the Republic of Slovenia, Ljubljana, Slovenia
- National Institute of Environmental Health, Budapest, Hungary
- Rome E Health Authority, Italy