



AIR QUALITY WORKSHOP

Hosted by the Polis Working Group on Environment & Health in Transport
in cooperation with the Madrid City Council

26TH NOVEMBER 2014

PALACIO DE CIBELES . MADRID

The Air Quality Workshop will first explore solutions for improving air quality through the specific angle of introducing cleaner vehicles. Presentations on the following proposals support the discussion: introducing new technology, notably electric vehicles; policy and regulatory tools at the disposal of local authorities; and fleet management. With a strong research component, these examples based on cities experience and best practices, offer solutions to reduce and to measure the impact of vehicles on air quality.

Secondly, a panel debate will broaden the perspective by discussing various angles of the challenges of air quality: health and alternative modes of transport that are less polluting such as walking and cycling, CO₂ emissions, research and innovation and the legal framework at EU level that supports improvement in air quality in the transport sector.

11:00 – 13:15 **Part 1: Presentations: exploring solutions for improving air quality by introducing cleaner vehicles**

Chairperson: Polis Director, Karen Vancluysen

- ▣ **Overview of Polis activities on clean vehicles**, Gabriela Barrera, Polis
- ▣ **Vehicle Fleet Characterization Study of the city of Madrid**, Juan Azcárate, Director Energy Agency of Madrid
- ▣ **Use of vehicle fleet data for on-road mobile sources emission inventories**, Julio Lumbreras, UPM
- ▣ **The Rome study: evaluate urban co-health benefits associated with widespread introduction of electric vehicles**, Fabio Nussio, Rome Mobility Agency; Martine Meyer, Renault
- ▣ **London's Ultra Low Emissions Zone (ULEZ)**, Poppy Lyle, Greater London Authority (GLA) Senior Policy and Project Officer on Air Quality
- ▣ **Intelligent Transport Systems (ITS) as a tool to reduce carbon footprint and pollutant emissions in cities**, Prof. Zisis Samaras, Aristotle University Thessaloniki

13:15 – 13:45 **Lunch**

13:45 – 15:00 **Part 2: Panel debate: an integrated approach to the links between transport and air quality in cities**

Moderator: Hermann Heich, Heich Consult

Panelists:

- ▣ **Mr. Philip Insall**, Sustrans, with a contribution on %Local air quality: the battle of the cities+
- ▣ **Mr. Juan Azcárate**, Director Energy Agency of Madrid
- ▣ **Ms. Poppy Lyle**, Greater London Authority (GLA) Senior Policy and Project Officer on Air Quality
- ▣ **Mr. Fabio Nussio**, Rome Mobility Agency
- ▣ **Ms. Martine Meyer**, Renault
- ▣ **Prof. Julio Lumbreras**, UPM (Technical University of Madrid)

Outcome: The workshop serves as a basis for developing a Polis position paper on Air quality that will be adopted in early 2015.



Biographical notes:

Philip Insall, Director, Health and International, Sustrans. Philip has been with Sustrans since 1990, and in that time has established a number of organisational programmes and functions, including Press, Supporters, Fundraising, Public Information, Publishing and Health (he continues to act as Health Director), as well as establishing and directing the International Liaison programme.

Juan Azcárate Luxán, Director of Madrid City Energy Agency, Directorate General for Sustainability and Mobility Madrid City Council. Chemistry MS Degree (Madrid Complutense University). Professional career developed in the field of urban environment and implementation of local policies within the Madrid City Council Environment Area. Since 2012, Head of Madrid City Energy Agency, in charge of the planning and follow up of the Sustainable Energy Action Plan of Madrid City and the mitigation and adaptation strategies at urban level. Some of the relevant projects carried out by the Energy Agency are the air pollutant emissions inventory and the development of the alternative fuels and electromobility plans.

Julio Lumbreras, Profesor Titular, ETS. Ingenieros Industriales, Universidad Politécnica de Madrid. Chemical and environmental engineer. He got his PhD on Air Quality at the Technical University of Madrid (UPM) in 2003. Currently, he is Associate Professor and Vice-Dean at the School of Industrial Engineering (UPM). He is "Honorary Research Fellow" at the Birmingham University (UK). He is the Spanish representative at the Task Force on Integrated Assessment Modelling within the UN Convention on Long-Range Transboundary Air Pollution (CLRTAP).

Ms. Poppy Lyle, Greater London Authority's (GLA) Senior Policy and Project Officer on Air Quality. Poppy joined the GLA in September of this year, with responsibility for co-ordinating, promoting and supporting action on air quality from the 33 London Authorities. This includes developing a new system for the way that the 33 London Boroughs manage and report on air quality, and overseeing a multi million pound air quality funding stream for Boroughs. Prior to joining the GLA I worked at the London Borough of Camden for 6 years, the last 3 years of which I was managing local air quality for the Authority.

Fabio Nussio is an Electronic Engineer (1987 Rome University) and he is the Responsible for International Affairs –Cooperation in the Company "Roma Servizi per la Mobilità" S.r.l". (Service Mobility Agency for the city of Rome), born through the partial division from ATAC, the public transport operator of the city. His Unit is involved in about 10 European Research projects including GREENEMOTION on the diffusion of e-vehicles, CITEAIR II on sharing common indicators with other cities regarding the environmental impact of the mobility, and CONDUITS on benchmarking ITS with the major European Capitals. He also is the Scientific co-ordinator for the production of the yearly report on the air quality status in the Rome Municipality and its interrelations with traffic management and Climate Change.

Martine Meyer, RENAULT – Strategic Environmental Planning. Since Oct. 2008: Pilot of Renault's Environment and Health Plan: Strategy oriented; in charge of corporate policy for worldwide implementation with a consistent approach about occupants of the car, citizens and employees; Management and development of the internal network related to the implementation and instrumentation of the policy. 1999 to 2008: Expert for air quality issues (indoor and outdoor) & their related Health effects (Materials Engineering Department). 1998 Doctor of Science at the University of Orsay - Photochemistry of laser dyes DCM and DFSBO. 1994 Engineer Diploma European School of Chemistry, Polymers and Materials of Strasbourg.

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