



Particles size and composition in Mediterranean countries  
geographical variability and short-term health effect



MED-PARTICLES Project 2011-2013  
Under the Grant Agreement EU LIFE+ ENV/IT/327

Workshop

**Air particles regulation in the Mediterranean cities.**

**Results and impact of the MEDPARTICLES Life+ project**

March 8, 2013

Barcelona

Auditorium PRBB

C/ Dr. Aiguader 88

08003-Barcelona

### **Presentation**

*The project MED-PARTICLES: “Particles size and composition in Mediterranean countries: geographical variability and short-term health effects” has been designed in order to deliver new evidence on specific issues on which EU is expected to provide new standards on the face of conflicting epidemiological results: a) do fine and coarse particles exert short-term effects on human health in Europe? b) which PM components are most responsible of the health effects? c) what is the role of natural events, such as Saharan dust and forest fires, and to what extent should they be monitored? The aim of the workshop is to present new results on these topics and to discuss them within the framework of the European Directive on Air Quality, to be issued by the EU on 2013.*

*About the organizers: The workshop is co-organized by the Centre for Research of Environmental Epidemiology in Barcelona, Spain, and the Department of Epidemiology, Lazio Regional Health Service in Rome, Italy.*

*More information: Please contact Iolanda Molina <imolina@creal.cat>*

*for registration and other information.*

*Project website: <http://www.epidemiologia.lazio.it/medparticles/index.php/en/>*

## **Programme**

### Morning

Chairs: Jordi.Sunyer and Francesco.Forastiere

9.00-10.00 Welcome from local authorities

10.00-10.30 Short overview of the MED-PARTICLES project (Massimo. Stafoggia)

10.30-11.00 Coffee break

11.00-12.30 Results of the activities from different Actions

- Data collection on PM concentrations across Southern Europe (Angeliki. Karanasiou)
- Saharan dust and forest fires in Southern Europe: estimation and geographical distribution (Jorge Pey)
- Short-term effects of fine and coarse particles on mortality and morbidity in 4 Mediterranean countries(Evi Samoli)
- Health effects of Saharan dust and forest fires in Southern Europe (Massimo Stafoggia)
- Health effects of black carbon (Aurelio Tobias)
- Health effects of PM sources (Bart Ostro)

12.30-13.00 Discussion

13.00-14.00 Lunch

### Afternoon

Chair: Xavier Querol and Klea Katsouyanni

14:00-14:15 What is specific of PM in the Mediterranean area: links with the AIRUSE LIFE+

14.15-16.00 Round Table: “The specificity of the Mediterranean area and the EU air quality Directive”

Invited speakers: representatives from EU, JRC, EEA, Ministries of Environment and Ministries of Health of the four countries (invited)

16.00 Adjourn