

## Project Coordinator

Ennio Cadum, ARPA Piemonte

## Project Coordination and Management

Giovanna Bertì, ARPA Piemonte

## Communication Coordinator

Maria Rowinski, ARPA Piemonte

## Steering Committee

Ennio Cadum, ARPA Piemonte

Teresa Spadea, SEPI

Gabriele Zanini, ENEA

Isabella Annesi-Maesano, INSERM

Xavier Basagana, CREAL

Peter O'torepec, NIJZ

Nino Kuenzli, Swiss TPH & University of Basel

Xavier Querol, IDAEA-CSIC



Subscription's Deadline  
8 September 2016

Information

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## Why LIFE MED HISS?

**Air pollution is a wider environmental stressor for health protection in Europe** and its effects need to be known and monitored in all European environments and climates. In previous epidemiological studies of the short-term effects of air pollution **the Mediterranean area turned out to show the highest risks**, for the same pollutants, compared to central and northern European countries. But no national studies of the long-term health effect of air pollution are available to date in the Mediterranean area.

During the Conference, the project results will be presented (on 13<sup>th</sup> of September) and discussed with regional stakeholders (on 14<sup>th</sup> of September).



The knowledge about health impacts of air pollutants evolves thanks to scientific studies and air quality standards require periodic scientific reviews. **The role of epidemiology is to conduct research that contributes to this review process and to the efficacy of regulatory actions about health impacts.**

These results should support and address local and national policy-makers in order to set up effective policies for public health.



## “Mediterranean Health Interview Surveys Studies: long term exposure to air pollution and health surveillance”

LIFE12 ENV/IT/000834 MED HISS

### Final Conference

Turin, 13-14 September 2016

Xké? Il laboratorio della curiosità  
Via Gaudenzio Ferrari 1 - 10124 Torino  
[www.laboratoriocuriosita.it](http://www.laboratoriocuriosita.it)

LIFE MED HISS is a pilot project (1st July 2013 - 30th September 2016), co-funded by the LIFE+ Environment Programme, whose objective was to set up a surveillance system to monitor long term health effect of air pollution over time in four Mediterranean countries (Spain, France, Italy, Slovenia).

LIFE MED HISS has applied an epidemiological approach to evaluate long term effect of air pollution testing two different strategies (individual and ecological level) to measure the health risks due to air pollution. The exposure to pollutants was studied providing national maps of air pollution concentrations at municipal level.

The pilot project LIFE MED HISS demonstrated the feasibility of implementing an epidemiological low-cost surveillance system to monitor these effects over time.

[www.medhiss.eu](http://www.medhiss.eu)

## 13 September 2016

English language only

A better knowledge of the long-term health effects of air pollutants is mandatory in order to address the European policy dealing with environment and health (Environment and Health Action Plan).

8,30-9,00	<u>Registration</u>
9,00 - 9,15	<u>Welcome</u>
	<b>ACTION B1-B6 from Exposure assessment to Risk estimation</b>
	<u>Chairman</u> : Ennio Cadum, Environmental Epidemiologic Unit ARPA Piemonte
9,15 - 09,30	<b>LIFE MED HISS project presentation</b> , Ennio Cadum
9,30 - 09,50	<b>National models for air quality in Italy and Europe</b> , Gabriele Zanini, Division Models and Technologies for Risks Reduction ENEA
9,50 - 10,10	<b>Exposure Assessment in the LIFE MED HISS Project</b> , Stefania Ghigo, for Air Quality Unit ARPA Piemonte
10,10 - 10,30	<b>Long term effects on mortality: The Italian Longitudinal study</b> , Cecilia Scarinzi, for Environmental Epidemiologic Unit ARPA Piemonte
10,30 - 10,50	<b>Long term effects on hospital admissions: The Italian Longitudinal study</b> , Martina Gandini, for Environmental Epidemiologic Unit ARPA Piemonte
10,50 – 11,15	<b>Coffee break</b>
11,15 – 11,40	<b>Long term effects: “the French studies”</b> , Isabella Annesi Maesano, Institut national de la santé et de la recherche médicale (INSERM)
11,40 – 12,10	<b>Long term effects: “the Spanish studies”</b> , Xavier Basagana, ISGlobal, Centre for Research in Environmental Epidemiology (CREAL)
12,10 – 12,35	<b>Long term effects: “the Slovenian studies”</b> , Peter Otorepec, National Institute of Public Health (NIJZ)

12,35 - 13,00

13,00– 14,00

14,00 - 14,20

14,20 - 14,50

14,50 - 15,15

15,15 - 15,30

15,30 - 16,30

16,30

## 14 September 2016 Regional stakeholder's meeting

Italian language only

Nel corso della giornata sarà presentata “La rete LIFE KTE EnvHealth - Knowledge Transfer and Exchange in Environment and Health”, costituita durante il Meeting Tematico Nazionale del 13 aprile 2016 a Firenze, “Partecipazione, percezione del rischio, trasferimento e scambio di conoscenze in ambiente e salute”.

9,00 - 9,30

Discussion

**Lunch**

**ACTION B6-B7 from Impact Assessment to recommendations**

Chairman: Nino Kuenzli, Swiss TPH & University of Basel

**Impact Assessment in the LIFE MED HISS Project**: Ennio Cadum, Environmental Epidemiologic Unit ARPA Piemonte

**Ecologic vs Individual approach: methodology and recommendations**, Xavier Basagana, ISGlobal, Centre for Research in Environmental Epidemiology (CREAL)

**LIFE MED HISS project and DEMETRIQ and EUROTHINE projects: Surveys available in Europe and their use**, Teresa Spadea, ASL TO3 Piedmont Region (SEPI)

**Final recommendations from the MED HISS experience: beyond privacy legislation to record linkage procedures, the lessons learned during the project**, Giovanna Berti, Environmental Epidemiologic Unit ARPA Piemonte

Discussion

Closure of the meeting

INTRODUZIONE

**Sintesi dei risultati del progetto LIFE MED HISS**, Ennio Cadum, Epidemiologia e salute ambientale ARPA Piemonte

9,30 - 10,00

10,00 - 10,45

10,45 – 11,15

11,15 – 11,45

11,45 – 13,00

INTERVENTI

13,00

**Le raccomandazioni metodologiche: a chi sono rivolte e perché**, Teresa Spadea, Servizio di Epidemiologia ASL TO3

**Networking tra Progetti Life e la rete Knowledge Transfer and Exchange (KTE) in Ambiente e Salute**

- **LIFE AIRUSE**, Franco Lucarelli, Università di Firenze
- **LIFE MAPEC**, Umberto Gelatti, Università di Brescia
- **LIFE Gioconda** e La rete KTE Liliana Cori, Istituto di Fisiologia Clinica, CNR di Pisa

**Coffee break**

**Un caso pratico di VIIAS: Piano Regionale della Qualità dell'aria della Regione Emilia Romagna e ricadute di salute**, Andrea Ranzi, Unità Epidemiologia Ambientale ARPA Emilia Romagna

Moderatore: **Giuseppe Costa**, Servizio di Epidemiologia ASL TO3

**Metodologia VIIAS (Metodi per la Valutazione Integrata dell'Impatto Ambientale e Sanitario dell'inquinamento atmosferico): contributo dei progetti di ambito europeo alla governance locale**

Assessorato Sanità Regione Piemonte

Assessorato Ambiente Regione Piemonte

Città metropolitana Torino Area Sviluppo sostenibile e pianificazione ambientale

Comune di Torino

Arpa Piemonte

CPO Piemonte, progetto ESCAPE

Arpa Emilia Romagna

Istituto di Fisiologia Clinica, CNR di Pisa

**Lunch**