European Study of Cohorts for Air Pollution Effects

Fact Sheet

Project Information

ESCape
Grant agreement ID: 211250

Status
Closed project

Start date
1 June 2008
End date
30 November 2012

Funded under
FP7-ENVIRONMENT

Overall budget
€ 8 218 266,97

EU contribution
€ 5 858 973,67

Coordinated by
UNIVERSITEIT UTRECHT
Netherlands

Objective

European policy making is hampered by considerable uncertainty about the magnitude and nature of the impacts of long term exposure to air pollution on human health. ESCAPE is a collaboration of more than 30 European cohort studies including some 900,000 subjects. It is aimed at quantifying health impacts of air pollution and at reducing uncertainty. ESCAPE will also test new hypotheses on specific health effects of air pollution. ESCAPE will focus on effects of within-city, within-area and within-country contrasts in air pollution, and so will enable Europe to remain at the cutting edge worldwide for further development and application of methods which have been largely pioneered here. ESCAPE will make measurements of airborne particulate matter and nitrogen oxides in selected regions in Europe. It will measure the chemical composition of the collected particles and it will store samples for future chemical and toxicological analyses. Escape will focus on four categories of cohort studies: 1. Pregnancy outcome and birth cohort studies; 2. Studies on respiratory disease in adults; 3. Studies on cardiovascular disease in adults; 4. Studies on cancer incidence and mortality. ESCAPE responds to a specific FP7 call for a large
collaborative project in the Environment and Health program. The call asks for research within existing cohorts among children as well as elderly adults as sensitive groups, and it asks to consider the role of other environmental exposures such as noise, and of biomarkers and gene-environment interactions. Whereas ESCAPE will focus, as requested, on air pollution and to a lesser extent traffic noise exposures, studies have been included which contain a wealth of data on other exposures (e.g., drinking water contaminants), on biomarkers and on genetics. ESCAPE will actively engage stakeholder organisations and policy makers so that results can be swiftly translated to support policy development and implementation.

Field of science

/natural sciences/chemical sciences/inorganic chemistry/inorganic compounds
/natural sciences/biological sciences/genetics and heredity
/social sciences/sociology/demography/fertility
/natural sciences/earth and related environmental sciences/environmental sciences/pollution
/social sciences/sociology/demography/mortality
/medical and health sciences/clinical medicine/oncology/cancer
/natural sciences/physical sciences/theoretical physics/particles

Programme(s)

Topic(s)

Call for proposal

FP7-ENV-2007-1

Funding Scheme

CP-IP - Large-scale integrating project

Coordinator

UNIVERSITEIT UTRECHT

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Heidelberglaan 8
3584 CS Utrecht
Netherlands

Activity type
Higher or Secondary

Education Establishments

EU contribution
€ 1 523 000
Participants (25)

ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON

Greece
EU contribution
€ 116 004

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Activity type
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Higher or Secondary Education Establishments

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AZIENDA SANITARIA LOCALE ROMA

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Activity type
Research Organisations

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Mirella Salatino (Ms.)

**UNIVERSITAT BASEL**

![Flag of Switzerland]

Switzerland

EU contribution

€ 543 711

Address

Petersplatz 1
4051 Basel

Activity type

Higher or Secondary Education Establishments

Website [Link]

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Lee-Jane Sally Liu (Prof.)

**FUNDACIO CENTRE DE RECERCA EN EPIDEMIOLOGIA AMBIENTAL - CREAL**

![Flag of Spain]

Spain

EU contribution

€ 419 539

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08003 Barcelona

Activity type

Research Organisations

Website [Link]

Contact the organisation [Link]

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**IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

![Flag of the United Kingdom]

United Kingdom

EU contribution

€ 595 000

Address

South Kensington Campus
Exhibition Road
SW7 2AZ London

Activity type

Higher or Secondary Education Establishments

Website [Link]

Contact the organisation [Link]

Administrative Contact

Tania Palalic (Ms.)
<table>
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<td>Nobels Vag 5, 17177 Stockholm</td>
<td>Per-Olof Larsson (Mr.)</td>
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<td>€ 106 998</td>
<td>Universitetomradet, 901 87 Umea</td>
<td>Ellinor ädelroth (Prof.)</td>
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<td>INSTITUT DE VEILLE SANITAIRE</td>
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<td>Rue Du Val D Osne 12, 94415 Saint Maurice Cedex</td>
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<td>France</td>
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<td>INSTITUTE OF OCCUPATIONAL MEDICINE</td>
<td>United Kingdom</td>
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<td>RIIJSINSTITUUT VOOR VOLKSGEZONDHEID EN MILIEU</td>
<td>Netherlands</td>
<td>€ 165 315</td>
<td>Antonie Van Leeuwenhoeklaan 9 3721 MA Bilthoven</td>
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