



# CLEAN AIR IN EUROPE FOR ALL

## AIR POLLUTION AND HEALTH: TAKING STOCK OF THE PROPOSED REVISION TO THE AMBIENT AIR QUALITY DIRECTIVE

MAY 24, 2023

Thon Hotel EU, Rue de la Loi 75, Brussels, Belgium

08:30  
09:00 Registration

### OPENING AND KEYNOTE

#### CHAIRS OF THE WORKSHOP:

Zorana J Andersen and Barbara Hoffmann, European Respiratory Society (ERS)  
Hanna Boogaard, Health Effects Institute (HEI) and International Society of Environmental Epidemiology (ISEE) Europe

09:00 Opening address

09:30 Virginijus Sinkevicius, European Commissioner for Environment, Oceans and Fisheries (video address)

Opening address

Maria Neira, WHO Geneva (video address)

Opening address

Javi Lopez, EU Parliament, Rapporteur for the AAQD (video address)

### SESSION 1:

#### PROPOSAL FOR REVISIONS OF THE EU AMBIENT AIR QUALITY DIRECTIVE AND ITS POTENTIAL TO IMPROVE HEALTH IN EUROPE

09:30

10:15

CHAIRS: Michal Krzyzanowski (Imperial College London) and Ebba Malmqvist (Lund University)

#### Proposed revisions to the Ambient Air Quality Directive

09:30

François Wakenhut or Thomas Henrichs, European Commission, Directorate General Environment

#### Air pollution levels and health burden in Europe

09:45

Alberto González Ortiz, Air Quality Expert

#### Clean Air Outlook: the prospects for EU air quality for 2030 and beyond

10:00

Gregor Kiesewetter, International Institute for Applied Systems Analysis

10:20  
10:45 Coffee break

### SESSION 2:

#### REVIEWING THE LATEST SCIENCE ON AIR POLLUTION AND HEALTH – PART 1

10:45

11:35

CHAIRS: Hanna Boogaard (HEI and ISEE) and Klea Katsouyanni (Imperial College London)

#### Life after 2021 WHO AQG - What does science tell us?

10:45

Zorana J Andersen, University of Copenhagen and ERS

#### Effects of low-level air pollution: A study in Europe, and a harmonized analysis with large studies in Canada and the United States

10:55

Bert Brunekreef, Utrecht University

#### Beyond mortality: summarising important health effects of air pollution across the life-course

• Pregnancy and childhood

Erik Melen, Karolinska Institutet and ERS

• Cognitive development and neurologic disorders

Barbara Hoffmann, University of Düsseldorf and ERS

• Cardiovascular disease

Petter Ljungman, Karolinska Institutet, ISEE, and European Society of Cardiology (ESC)

• Cancer

Michelle Turner, ISGlobal and ISEE

11:15

### SESSION 3:

#### MODERATED DISCUSSION – HOW TO MAXIMIZE PUBLIC HEALTH BENEFITS TO ENSURE CLEAN AIR IN EUROPE FOR ALL

11:35

12:15

MODERATOR: Margherita Tolotto, European Environmental Bureau (EEB)  
Panel: Francesco Forastiere, Imperial College London; Paul Dendale, European Society of Cardiology (ESC); Richard Price, European Cancer Organization (ECO); Ole Bakke, Standing Committee of European Doctors (CPME); Sibylle Reichert, International Association of Mutual Benefit Societies (AIM)

12:15  
13:30 Lunch break

### SESSION 4:

#### REVIEWING THE LATEST SCIENCE ON AIR POLLUTION AND HEALTH – PART 2

13:30

14:15

CHAIRS: Gerard Hoek (Utrecht University) and Göran Pershagen (Karolinska Institutet)

#### Pollutants of “emerging concern”: Current state of knowledge

13:30

Annette Peters, Helmholtz Zentrum Munich

#### Pollutants from “natural” sources: Innocent bystanders or harmful pollutants?

13:45

Xavier Querol, Institute of Environmental Assessment and Water Research

#### Citizen science perspective: New avenues for research and action

14:00

Anna Gerometta, Italian Cittadini per l'aria Association

14:15  
14:30 Coffee break

### SESSION 5:

#### SOLUTIONS - NATIONAL AND LOCAL LEVEL PERSPECTIVES TOWARDS CLEAN AIR

14:30

15:15

CHAIRS: Evi Samoli (University of Athens) and Iana Markevych (Jagiellonian University)

#### City-specific actions towards clean air

14:30

Romain Basthiste, Deputy Head of Air Quality Unit, city of Paris

#### Best practices towards clean air

14:45

Haneen Khreis, University of Cambridge

#### Air quality and health in Southeastern Europe to inform policy action

15:00

Pallavi Pant, HEI

### SESSION 6:

#### MODERATED DISCUSSION – CLEAN AIR IN EUROPE FOR ALL: WHERE DO WE NEED TO GO FROM HERE?

15:15

16:00

MODERATOR: Mark Nieuwenhuijsen (ISGlobal and ISEE)  
Panel: Francois Wakenhut or Thomas Henrichs, European Commission, Directorate General Environment; Jason Sacks (US Environmental Protection Agency); Alex Simidchiev (Bulgarian National Assembly (Parliament)); Kjeld Hansen (European Lung Foundation); Thomas Lymes (Eurocities); Anne Stauffer (Health and Environment Alliance); Jacob Hagberg (Swedish Presidency)

#### Closing Comments and Adjourn

16:00

16:15 RECEPTION (hosted with support from Bloomberg Philanthropies)

18:00