# DRAFT PROGRAMME

**Air pollution and Health: Recent Advances to Inform EU Policies**

21-22 January, 2020

Brussels, Belgium (location TBD)

## DAY 1

### 09.00-9.15 Opening and Welcome

Barbara Hoffmann, ERS  
Hanna Boogaard, HEI and ISEE  
Sophie Gumy, WHO

### 9.15-10.15 Session 1: The Current European and US Regulatory Contexts

*Chairs: Robert O’Keefe, HEI and Martin Williams, King’s College London*

- The European Green Deal – Thomas Henrichs, DG Environment
- European Union: Air quality policy and its review – Thomas Henrichs, DG Environment
- Revisions of the WHO Air Quality Guidelines – current status – Dorota Jarosinska, WHO Regional Office For Europe

Discussion

### 10.15-10.30 Coffee break

### 10.30-12.30 Session 2: Health Impacts of Air Pollution

#### 10.30-12.30 How Low Should We Go? New Health Research on Low-level Air Ambient Pollution

*Chairs: Dorota Jarosinska, WHO Regional Office For Europe, and TBD*

- Why study the health effects of low levels of air pollution – Hanna Boogaard, Health Effects Institute
- MAPLE – Mike Brauer, University of British Columbia
- Medicare – Marianthi-Anna Kioumourtzoglou, Harvard University
- ELAPSE – Bert Brunekreef, Utrecht University
Interpreting results for future risk and benefit assessments and regulation – Daniel Greenbaum, Health Effects Institute

**Discussion**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.30-13.30</td>
<td>Lunch break</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.30-15.15</td>
<td>Recent Reviews Regarding the Health Effects of Ambient Air Pollution: What do They Tell Us?</td>
</tr>
<tr>
<td></td>
<td><em>Chairs: Annette Peters, Helmholtz Zentrum München and Francesco Forastiere, King's College London</em></td>
</tr>
</tbody>
</table>

WHO AQG review on PM$_{2.5}$ and mortality – Gerard Hoek, Utrecht University

WHO AQG review on NO$_2$ and mortality – Richard Atkinson, University of London

Health effects of ultrafine particles – Annette Peters, Helmholtz Zentrum München

Way forward in evidence synthesis – TBD

**Discussion**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.15-15.45</td>
<td>Coffee break</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.45-17.15</td>
<td>Session 3: Air Quality Improvements and Climate Mitigation: What Are The Benefits?</td>
</tr>
</tbody>
</table>

*Chairs (TBD)*

Introduction (setting the stage) – Annemoon van Erp, Health Effects Institute

Health effects of air quality actions – David Rich, University of Rochester

The co-benefits of climate mitigation on air pollution – Kris Ebi, University of Washington

Local actions in cities – Pathways to a healthy urban living – Mark Nieuwenhuijsen, ISGlobal

**Discussion**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.15-17:30</td>
<td>Closing and Day 2 Preview</td>
</tr>
<tr>
<td></td>
<td>Barbara Hoffmann, ERS</td>
</tr>
<tr>
<td></td>
<td>Hanna Boogaard, HEI and ISEE</td>
</tr>
<tr>
<td></td>
<td>Sophie Gumy, WHO</td>
</tr>
</tbody>
</table>
DAY 2

08.30-8.45 Opening of Day 2
Barbara Hoffmann, ERS
Hanna Boogaard, HEI and ISEE
Sophie Gumy, WHO

8.45-10.45 Session 4: Numbers, Numbers Everywhere – Estimating the Global Burden of Disease Attributed to Air Pollution
*Chairs: Francesco Forastiere, King’s College London and Michal Krzyzanowski, King’s College London*

The WHO global estimates of the impact of air pollution – Sophie Gumy, WHO Geneva

The Global Burden of Disease due to outdoor air pollution – Mike Brauer, University of British Columbia

Source specific estimates and cost benefit analyses – Markus Amann, IIASA

The way forward for burden estimation – Katy Walker, Health Effects Institute

Discussion

10.45-11.15 Coffee break

11.15-13.00 Session 5: Meeting Closing Session
*Chairs: Dan Greenbaum, HEI and Barbara Hoffmann, University of Düsseldorf and ERS*

What does this tell us about the exposure and health of Europe’s citizens? – Francesco Forastiere, King’s College London

Current knowledge on adverse effects of ambient air pollution – have we filled the gap? What more do we need to know? (TBD)

Panel discussion and general discussion

Panel: TBD

Closing comments
Briefing of parliament (closed meeting with a subgroup) (appr. 2.5 h) on Afternoon Day 2

Opening welcome

Key results informing policy

Panel discussion

Concluding remarks

For more information contact Hanna Boogaard (jboogaard@healtheffects.org). To register contact Roberta Sadauskaite (roberta.sadauskaite@ersnet.org). Note that space may be limited.