

## Air Quality and Climate Impacts: *Toward a methodology for stress-testing metrics*

2 - 3 October 2013

Hosted by the Department of Science, Technology, Engineering and Public Policy of  
University College London (UCL STEaPP)

<http://www.ucl.ac.uk/STEAaPP>

Supported by the *Sustainable Interactions With the Atmosphere (SIWA)* cluster of  
the Institute for Advanced Sustainability Studies (IASS)

<http://www.iass-potsdam.de>

<b>Wednesday</b> <b>October 2<sup>nd</sup></b>	<p>Busaba Restaurant, Store Street, London (please see map for details)</p> <p><b>18.30 - <i>Opening Dinner</i></b></p>
<b>Thursday</b> <b>October 3<sup>rd</sup></b>	<p>South Wing G12 Council Wing, UCL (please see map for details)</p> <p><b>9.00 – 9:45 <i>Welcome and Introduction</i></b></p> <ul style="list-style-type: none"> <li>• <i>Welcome and logistics</i></li> <li>• <i>Introduction of IG-WG; recap of First Workshop; overview of developments since</i></li> <li>• <i>Aims of this workshop and overview on this day</i></li> <li>• <i>Short intro: “What are metrics”, loosely defined for the purpose of the day</i></li> </ul> <p><b>9:45 - 10:30 <i>A policy moment - The current SLCP landscape</i></b></p> <p>Chair: Julia Schmale (IASS; IG-WG Chair) Synoptic Review: Erika von Schneidemesser (IASS; IG-WG Member)</p> <p>Stimulating Contribution:</p> <ul style="list-style-type: none"> <li>• Sophie Bonnard (Climate and Clean Air Coalition)</li> </ul> <p><i>Roundtable Discussion (starting questions):</i></p> <ul style="list-style-type: none"> <li>• <i>Who will be the primary ‘users’ of metrics?</i></li> <li>• <i>What constraints will exist on the way they use metrics?</i></li> <li>• <i>What implications does this have for the way different policy areas (health, environment, climate, development, etc) need to be considered in the process of metric development?</i></li> <li>• <i>How do these considerations differ across scale of governance (local, national, international) and geographically?</i></li> </ul> <p><b>10:30 – 11:00 coffee break</b></p>

**11:00 – 12:00 *What can we learn from the usage of the Global Warming Potential metric?***

Chair: Jason Blackstock (UCL STEaPP; IG-WG Co-Chair)

Synoptic Review: Chris Tyler (UK Parliamentary Office of Science and Technology; IG-WG Member)

Stimulating Contribution:

- Arunahba Ghosh (Council on Energy, Environment and Water, India; IG-WG Member)

*Roundtable Discussion (starting questions):*

- *What implications does GWP continue to have for the future of SLCP governance?*
- *How can the development of SLCP metrics be improved through the inclusion of 'stress testing' to avoid some of the failure modes the integration of GWP into policy frameworks has created?*

**12:00 – 13:00 – Lunch**

**13:00 – 15:00 *Urban Metrics I: Case Study of the Transport Sector***

Chair: Jessica Seddon (Okapi Research & Advisory; IG-WG Co-Chair)

Synoptic Review: Jennifer Burney (University of California San Diego; IG-WG Member)

Stimulating Contributors:

- Dinesh Mohan (Indian Institute of Technology)
- Alan Lloyd (ICCS)
- John Polak (Imperial College London)
- Miles Elsdon (UK Department of Transport)

*Roundtable Discussion (starting questions):*

- *What are some of the key opportunities for mitigating SLCPs through transport policy?*
- *What are some of the policy, regulatory, and administrative pathways into integrating SLCP reduction goals into transport policies?*
- *How are SLCP metrics used in these pathways? Are the metrics useful and accurate? What others would be desirable to have?*

**15:00 – 15:30 – Coffee Break**

**15:30 – 17:30 Urban Metrics II: Interdependent Considerations**

Chair: Michele Acuto (UCL STEaPP; IG-WG Member)

Synoptic Review: Arunabha Ghosh (Council on Energy, Environment and Water, India; IG-WG Member)

Stimulating Contributions:

- Martin Williams (King's College London)
- Delan Devakumar (UCL Institute of Child Health)
- Zeshan Qureshi (UCL Centre for International Health and Development)
- Johan Kuylenstierna & Harry Vallack (University of York and Stockholm Environment Institute)

*Roundtable Discussion (starting questions):*

- *Broadening from the transport case study, how can metrics from the different domains – health & air pollution, climate change & energy – be most effectively integrated into common frameworks for informing and guiding Urban SLCP policies and actions?*
- *Where do the participants see critical points to be stress tested based on their expertise and experience?*

**17:30 – 18:00 Wrap up: Take Home Messages and Next Steps for 'Stress Testing' Methodologies**

Led by IG-WG Chairs (Julia Schmale, Jessica Seddon & Jason Blackstock)

**19.00 – Workshop Dinner at The Ship Tavern, Holborn**