

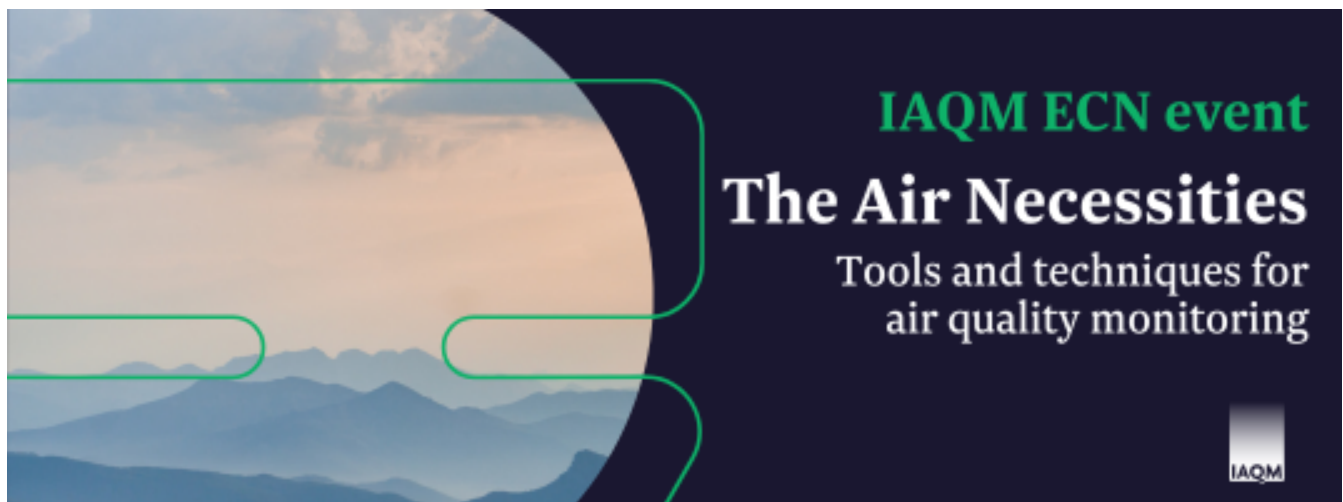


IAQM Early Careers Network Newsletter: June 2025

Welcome to the June 2025 edition of the IAQM Early Careers Network (ECN) Newsletter. We hope you have had a fulfilling first half of 2025! Keep reading for updates on the work of the ECN, as well as news from around the air quality sector.

Upcoming events

As a reminder, attending IAQM events like the ones below counts towards your CPD. We have prepared an [IAQM-branded business-case form \(.docx download link\)](#) to help support our ECN members in preparing a strong case to attend IAQM events, as CPD benefits both ECN members and their employers. You can find the document permanently linked on the [ECN page of the IAQM website](#), under the header 'Attending our events'.



The Air Necessities: tools and techniques for air quality monitoring

Join us on 2nd July for our next [in-person meetup in London](#), where we'll be showcasing air quality monitoring case studies from our ECN members alongside hosting a summer social.

Organised by the IAQM Early Careers Network Subcommittee, and open exclusively to ECN members, this in-person event will feature talks on a range of different air quality monitoring projects. Attendees will hear from both established and early career speakers, with IAQM Vice Chair Sarah Horrocks speaking about the new VOC monitoring guidance from IAQM. You can [read more about our speakers and their presentation topics](#) on the event page.

The event will take place at Buro Happold's London offices (Levels 5-6, The Featherstone Building, 66 City Road, EC1Y 2A), and will begin promptly at 3pm. Following the event, there will be the opportunity to engage in informal networking when the group moves to The Whitecross Tap (142-146 Whitecross St, London EC1Y 8QJ).

If you have any questions, please get in touch with Amy at communities@the-ies.org.

[Register here](#)



Routes to Clean Air 2025

The Institute of Air Quality Management's annual conference [Routes to Clean Air](#) returns over Monday 20th – Tuesday 21st October at Woburn House, London. The event is the largest gathering of IAQM members each year and gives air quality practitioners and professionals a platform to knowledge-share and explore the most relevant subjects in air quality management.

The session themes across the two days include: health impacts; indoor air quality; inequalities; novel pollutants; advocacy; innovation; and national insights. The [draft agenda](#) is now available.

IAQM ECN Vice Chair Mark Nichols will be chairing the session on novel pollutants on Day 1, where **we are seeking two ECN members to give 10-minute presentations on the relevant topic**. This is a great opportunity to present your work or research to an audience

of experienced peers across the field of air quality and follow up with discussions after the event and over the Day 1 conference dinner.

Day 2 will also include a pre-conference ECN discussion hosted by Mark Nichols and is open to all ECN members.

Please enquire with Amy at communities@the-ies.org if you are interested in presenting during this session.

Register here for Super Early Bird rates

Industry updates & resources

European Commission – technical support documents for air quality modelling and monitoring

The European Commission published two documents in May 2025 that provide technical support for Member States in the field of air quality modelling and monitoring. This is especially relevant given the [revision of the Ambient Air Quality Directive \(2024/2881\)](#) (or ‘the revised AAQD’) in 2024 and is timely as EU Member States are required to adopt the revised AAQD into national law by 11 December 2026. These documents are purely for guidance purposes to provide technical details and support for the implementation of air quality modelling and air quality monitoring under the revised AAQD. They present an overview of current knowledge and best practices, signposting to existing technical guidance and to sources of ongoing technical guidance development.

The documents are:

- [Air quality modelling for EU air quality policy](#)
- [Air quality monitoring for EU air quality policy](#)

National Atmospheric Emissions Inventory - 2025 publications

The UK and National Atmospheric Emissions Inventory (NAEI) has made several publications over the past few months of the UK’s historic and projected emission inventory.

- [UK Projected emissions from 2025 to 2050](#). This contains the UK’s national projected emissions from 2025 to 2050 of NOX, NMVOCs, NH3, PM2.5 and SO2. This is to demonstrate whether the UK is projected to meet its national emission reduction commitments for 2020-2029 and 2030 onwards as set out in the [National Emission Ceiling Regulations 2018](#), and meet the Gothenburg Protocol Emissions Reduction Commitments.
- [UK Informative Inventory Report 1990-2023](#). The Informative Inventory Report (IIR) sets out the UK’s national historic emissions inventory for various pollutants across all key categories for emission source sectors. The latest IIR includes new appendices on graphs showing historic emission trends, and interactive tables on key category analysis.

Methodologies are also described further in individual reports for road transport, [non-road mobile machinery \(NRMM\)](#), [domestic combustion](#) and [industrial scale combustion](#).

IAQM Guidance Updates

As raised in the previous newsletter, the IAQM are continuing the drafting of guidance which is currently being worked on by a number of IAQM Working Groups.

The updates include:

- [IAQM Guidance on Land-use Planning and Development Control](#)
- [IAQM Guidance on the Assessment of Mineral Dust Impacts for Planning](#)

The drafting of documents is on-track for release in late summer 2025, where a full update on the status of these documents will be shared in the next ECN newsletter.

The IAQM has opened member consultation for:

[IAQM Guidance on Good Practice on Air Quality Monitoring for Brownfield Projects](#) - the guidance aims to improve collaboration between those working in the contaminated land and air quality disciplines, be they consultants, developers or regulators, and to increase understanding between the different topics. The consultation period will be for four weeks and will close at **17:00 BST Monday 15th July**.

Please send any comments to info@iaqm.co.uk.



Study on non-exhaust emissions (NEE) in road transport

[A study published on Thursday 22nd May 2025](#) by EIT Urban Mobility, in collaboration with Transport for London (TfL), the Greater London Authority (GLA), and conducted by e:misia, highlights the rising significance of non-exhaust emissions (NEEs) as a major contributor to urban air pollution.

In summary:

- As tailpipe emissions decline due to vehicle electrification and the ULEZ, NEEs originating from brake, tyre, and road wear, are becoming the dominant source of particulate matter (PM) pollution in cities like London.
- The study identifies brake wear as the largest contributor, though this is significantly reduced by regenerative braking in electric vehicles (EVs).
- Tyre wear, whilst less becomes airborne, poses long-term environmental risks especially as vehicles are becoming heavier. Road wear emissions, though harder to quantify, also contribute to pollution, particularly in areas with poorly maintained roads.

- The study recommends a multi-tiered policy approach where locally cities should integrate NEEs into air quality strategies, promote public and active transport as well as supporting vehicle electrification. Nationally, governments should support early adoption of low-wear technologies and raise public awareness. Internationally, greater coordination and standardisation in how NEEs are measured and regulated is needed.
- Crucially, it was found that shifting travel behaviour from cars to public transport delivers up to five times greater PM emission reductions than fleet electrification alone (excluding the benefits of electrification for exhaust emissions), making shifting from private to public vehicles and active travel modes the most effective strategy in reducing NEEs.

Westminster Hall Debate – World Asthma Day

On Thursday 15th May 2025, the House of Commons held a [debate](#) on World Asthma Day about the healthcare issues faced in UK due to poor air quality.

UK Health Security Agency – what the evidence says about interventions to reduce pollution and improve lives

The UK HSA has released a [statement](#) on the importance of the need for action to reduce exposure to pollution in order to improve health inequalities. The statement includes a call to increase the evidence base of pollution and its impacts; the need to collaborate with partners and stakeholders; and how awareness and understanding can be improved.

Royal College of Physicians – A breath of fresh air: responding to the health challenges of modern air pollution

[This report](#) sets out the results of a health impact assessment on the whole of the UK. It was estimated that 30,000 deaths per year in the UK are attributed to poor air quality, with economic costs of between £27-50 billion. It also sets out recommendations to improve air quality that are aimed at UK governments (national, regional and local); healthcare providers; industry and the public.



Clean Air Day 2025

Clean Air Day, the UK's largest air pollution campaign, was held on 19 June 2025. The annual event is a great opportunity to raise awareness in the community on the effects of poor air quality, and the measures that individuals, communities, businesses and governments can take to work towards cleaner air.

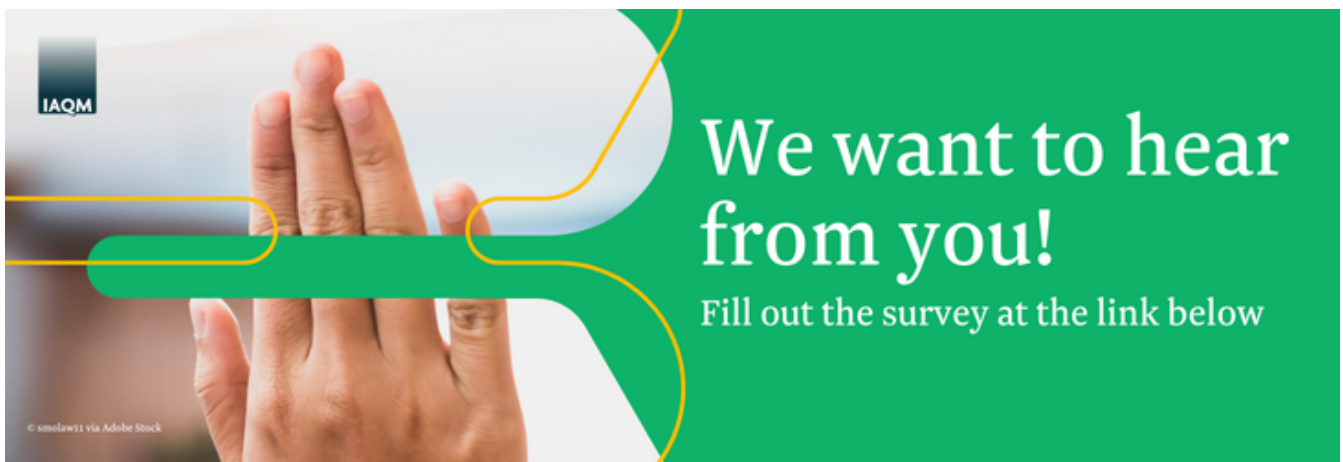
If you contributed to taking action or raising awareness on Clean Air Day this year, we'd love to hear from you and celebrate your work in our ECN social media accounts and in the next newsletter update.

Feel free to share your story & share any striking pictures or videos showing your support on Clean Air Day at communities@the-ies.org.

LinkedIn

Please make sure to join our [LinkedIn group](#)! This is the place where we will be actively sharing content and promoting discussion on a wide range of topics.

Hopefully, we can build our very own air quality community. As members, feel free to also post any questions or interesting pieces of information you may come across into the group.



We want to hear from you!

We are always eager to hear the opinions of our ECN members, whether it's feedback on the events and material we provide; suggestions of topics for future events; or any other creative ideas to help steer and improve the Early Careers Network.

The [IAQM Early Careers Network Engagement Survey](#) is always open to responses, so please feel free to provide your thoughts.

If you wish to write a case study or blog about air quality, please share it with us and we will highlight it in our next newsletter. It's a great chance to get your name out there and become famous in the air quality community!

We are excited to share with you what we have planned in the near future, and we hope that we can build on our work from the previous years to make the ECN even bigger and better for all its members. So please feel free to reach out to any of the sub-committee members or the IAQM with any ideas or anything you would like to see from the ECN.

Contact us at communities@the-ies.org.

[Complete the survey](#)

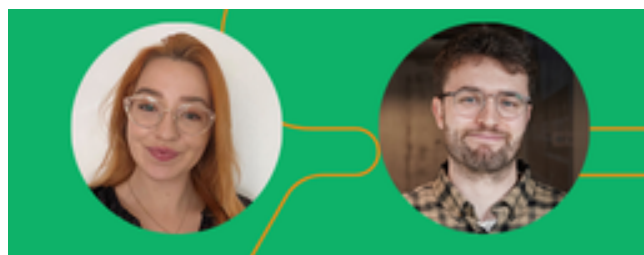
ECN Subcommittee 2025: who we are



Chair and Vice Chair

Davide Pascarella (Merton, Richmond and Wandsworth Council)

Mark Nichols (Ardent)



Events

Eleri Paterson Hughes (Ricardo)

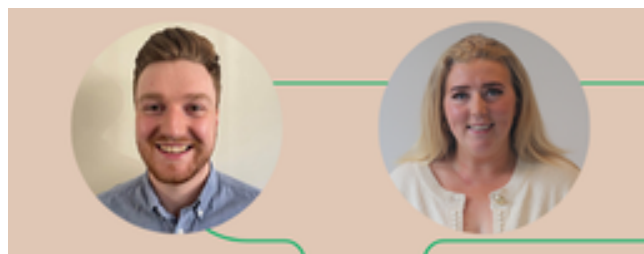
Kit Benjamin (Buro Happold)



Content and Topics

Isobel Ward (WSP)

Jekabs Jursins (Ricardo)



Engagement

Jack Richmond (Arup)

Sophie Brough (Arup)

We are also supported by Amy Bond, Communities and Memberships Officer at the IES. To get in touch with the IAQM ECN Subcommittee, please email Amy on communities@the-ies.org.

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Careers Network](#)

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