



Climate Change Action for Air Quality 2023 Conference Standing Agenda

Date: 2nd June 2023 – **Venue:** Coventry University

Conference Title – Net Zero Plans

Main Aim - To bring all the key stakeholders in the region, and from wider afield, to discuss climate change and how to manage the impact of poor air quality on local residents

Target Audience - Local resident associations, local universities, local councils, local MPs/MEPs, national and government representatives, local environmental groups, air quality specialists

Purpose –

- To gain a wider understanding of the local and national **Net Zero Plans** and their impact on air quality
- To understand what we currently measure and consider its adequacy
- To communicate the above understanding to the widest possible audience
- To share the evidence based on the health and social impacts of climate change actions and poor air quality
- To share good practice
- To understand the likely impacts of Net Zero Plans and poor air quality on cities such as Coventry and towns like Leamington Spa (To be aware that Air quality does not differentiate administrative boundaries)
- To consider possible ways to mitigate against poor air quality
- To agree next steps towards cleaner local air

Programme

09:15 - 09:30 Arrival and Coffee/Tea

09:30 - 09:45 Introduction and the Expected outcome
Professor Dr Reza Ziarati, Chair, C4FF

Session 1 Local and National Net Zero Plans
Chair Professor Reza Ziarati

09:45 - 09:55 Welcome Address
Councillor Coventry Lord Mayor

10:00 - 10:30 The National and Local Perspectives – Responses to the UK Net Zero Plans

10:00 – 10:15 TBC

10:15 – 10:30 TBC

10:30 – 10:45 TBC

10:45 – 11:05 Morning Keynote Speech: Current issues with Air Pollution and Impacts of Climate Change Mitigation Policies

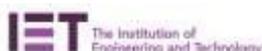
Chair: Dr Lakhvir Singh

Professor Roy, Harrison, OBE FRS

Queen Elizabeth II Birmingham Centenary Professor of Environmental Health, Birmingham University

11:05 - 11:15 Q/A

Session 2 Effective, Efficient and Green Transport



Chair: Associate Professor Patricia Ashman, Coventry University

11:15-11:250 **CE-AQPC Action Reports**
Professor Reza Ziarati

11:25 - 11:40 **Tea/Coffee Break**

11:40 – 12:00 **Net Zero Plan**
Cllr Andrew Day – WDC Leader

12:00 – 12:10 **Q/A**

Session 3 **Climate Change Student Projects**
Nwabueze Emekwuru, Coventry University

12:10 - 12:25 **Coventry University student projects/SIG Particulate Matters projects**
Student Project Groups

12:25 – 12:40 **Making Coventry's Solar Future**
Tony McNally, Solar Panel Project

12:40 - 12:55 **Practical actions to tackle air pollution**
Mattie Heaven – Wainbody Councillor and Shadow Cabinet Member for City Services,
Coventry Council

Session 4 **Technical Section - Emissions & Air Quality Measurement**
Chair Dr Svetlana Alexandrova – Leicester University

12:55 – 13:10 **Special Interest Groups, Measurement of NOx**
Dr Mark Peckham, Director, combustion

13:10 – 13:25 **IET Lecture Air Quality during Commuting**
Professor Amin Al-Habaibeh PGCHE, BSc, MSc, PhD, CEng, MIET, FHEA
Professor of Intelligent Engineering Systems; Nottingham Trent University

13:25 – 13:40 **Towards Personal Environmental Monitoring**
Professor James Covington, Warwick University

13:40 - 13:50 **Q/A**

13:50 - 14:30 **Working Lunch**

Session 5 **Importance of Preserving Nature**
Chair Ann Wilson

14:30 - 14:45 **Afternoon Keynote Speech: Importance of Saving Trees – Study of the diversity of microorganisms in trees**

Professor Hendrik Schaefer, School of Life Sciences, University of Warwick

14:45 – 15:00 **Clean Air Warwickshire - The role of a community organisation in improving air quality**
Chair Clean Air Warwickshire

15:00 – 15:10 **Q/A**

Session 6 Engineering Institutions

Chair John Butler

15:10- 15:25 **Work by Engineering Institutions & Business - Hydrogen Train, Climate Action School Assignments & several other STEM activities including IMechE funded Air Quality Sensor and IET and IMarEST STEM Projects**
John Butler (IMechE), Kevin Blacktop (IMechE), Howard Warrener (IMechE) and Derrick Willer (IET), Paul Burrows (IMarEST)

15:25 - 15:40 **STEM Initiatives**
Nicola Davidson, C4FF and Eiraya Education

15:40 - 15:45 **Concluding Remarks**

15:45 – 16:00 **Q/A**

16:00 **End of Conference**