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# CLIMATE CHANGE ACTION FOR AIR QUALITY CONFERENCE **NET ZERO PLANS**

## PROGRAMME

FRIDAY JUNE 2ND 2023

09:00-17:00

The Engineering and Computing Building,  
Coventry University, Gulson Road, Coventry,  
CV1 2JH

RSVP by emailing [nicola.davidson@c4ff.co.uk](mailto:nicola.davidson@c4ff.co.uk) or visit  
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# Climate Change Action for Air Quality 2023 Conference Programme

**Date:** 2nd June 2023

**Venue:** The Engineering and Computing Building, Coventry University, Gulson Road, Coventry, CV1 2JH

**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**

<b>09:15 - 09:30</b>	<b>Arrival and Coffee/Tea</b>
09:30 - 09:40	<b>Introduction and the Expected Outcome</b> Professor Dr Reza Ziarati, Chair, CE-AQPC
09:40 – 09:55	<b>SolarButterfly - Luca Meier</b>
<b>Session 1</b>	<b>Local and National Net Zero Plans</b> <a href="#">Chair: Professor Reza Ziarati</a>
09:55 - 10:05	<b>Welcome Address</b> Councillor Coventry Lord Mayor – Cllr Jaswant Singh Birdi
10:05 - 10:20	<b>The National and Local Perspectives – Responses to the UK Net Zero Plans</b> Professor Dr Reza Ziarati, Chair, C4FF
10:20 – 10:35	<b>Government Message</b> <b>Anita Dalton introducing:</b> <b>Keynote speech Mr Mark Pawsey</b> – Member of Parliament for Rugby
10:35 – 10:55	<b>Morning Keynote Speech: Air Pollution Developments</b> <a href="#">Chair: Dr Lakhvir Singh</a> Professor Roy, Harrison, OBE FRS Queen Elizabeth II Birmingham Centenary Professor of Environmental Health, Birmingham University
10:55 - 11:05	Q/A
<b>Session 2</b>	<b>Effective, Efficient and Green Transport</b> Chair: Associate Professor Patricia Ashman, Coventry University
11:05-11:20	<b>The Health Impact of Poor Air Quality – Let Us Not Choke Our Children</b> Professor Abdul Rashid Gatrad

11:20 – 11:35	<b>Transient Emission of NO<sub>x</sub></b> Dr Mark Peckham, Director, Combustion
<b>11:35 - 11:50</b>	<b>Tea/Coffee Break</b>
11:50 – 12:05	<b>Coventry GND - Net Zero Plan</b> Ken Grainger
12:05 – 12:15	Q/A
<b>Session 3</b>	<b>Climate Change Student Projects</b> <a href="#">Chair: Nwabueze Emekwuru, Coventry University</a>
12:15 - 12:25	<b>Coventry University student projects/SIG Particulate Matters projects</b> Student Project Groups
12:25 – 12:40	<b>Making Coventry's Solar Future</b> Tony McNally, Solar Panel Project
12:40 – 12:55	<b>Review and address of the public responses to the '30 questions'</b> Q&A and F2F audience.
<b>Session 4</b>	<b>Technical Section - Emissions &amp; Air Quality Measurement</b> <a href="#">Chair: Dr Svetlana Aleksandrova – Leicester University</a>
12:55 – 13:10	<b>Practical Actions to Tackle Air Pollution</b> Cllr Mattie Heaven – Wainbody Councillor and Shadow Cabinet Member for City Services, Coventry Council
13:10 – 13:25	<b>IET Lecture Air Quality During Commuting</b> Professor Amin Al-Habaibeh PGCHE, BSc, MSc, PhD, CEng, MIET, FHEA Professor of Intelligent Engineering Systems; Nottingham Trent University
13:25 – 13:40	<b>Towards Personal Environmental Monitoring</b> Professor James Covington, Warwick University
13:40 - 13:50	Q/A
<b>13:50 - 14:30</b>	<b>Working Lunch</b>
<b>Session 5</b>	<b>Importance of Preserving Nature</b> Chair: Ann Wilson
14:30 - 14:45	<b>Keynote Speech: Mr Matt Western</b> – Member of Parliament for Warwick & Leamington and Shadow Minister for Higher Education
14:45 – 15:00	<b>Is Wind Data Being Appropriately Interpreted in Planning and Dust Management?</b> Dr Chris Morrow
15:00 – 15:10	Q/A
<b>Session 6</b>	<b>Engineering Institutions</b> <a href="#">Chair: John Butler</a>
15:10- 15:25	<b>Work by Engineering Institutions &amp; Business:</b> Hydrogen Train, Climate Action new School Competition & several other STEM activities including IMechE funded Air Quality Sensor and IET and IMarEST STEM Projects John Butler (IMechE), Kevin Blacktop (IMechE), Derrick Willer (Schools Liaison Community), Paul Burrows (IMarEST)
<b>15:25 - 15:40</b>	<b>Coffee/Tea Break</b>
15:40 – 16:00	<b>Regional/local issues</b> Dr Malcolm Eykyn & Nicola Davidson - Quarrying Impact Reports
16:00 - 16:15	<b>Regional/local issues</b> Cllr Keith Kondakor Planning matters, Barford, new homes, Progress House, Nuneaton/Bedworth, HS2
16:15 – 16:30	<b>Air Quality Nottingham</b> Richard Taylor
16:30 – 16:40	Q/A
16:40	<b>Final Remarks and Actions for the Future</b> Professor Reza Ziarati
<b>16:50</b>	<b>End of Conference</b>