

Overcoming the Challenges of Poor Air Quality



Overview

Over the past five years, legislation has become stricter, with the recent Environmental Act (2021), new air quality monitoring technology has been unleashed to identify hidden air pollution hotspots, and the rollout of more traffic interventions such as clean air zones and low-traffic neighbourhoods have encouraged positive mobility trends.

Since the net-zero carbon commitment, both public and private sector organisations have committed to decreasing greenhouse gas emissions to minimal levels. With this course, you will learn the principles of delivering a successful carbon plan on time and within budget to promote public health benefits and restore the natural environment of our local communities.

Despite the damaging health and environmental concerns associated with air pollution, tremendous progress has already been made towards creating a sustainable future. Join our one-day training workshop on tackling air pollution and championing decarbonisation initiatives. This course is designed to improve our understanding on new regulatory and legislative requirements for air quality, the use of new technology, and the implementation of traffic interventions.

Learning outcomes

- At the end of the course, participants will:
- Have knowledge of the key elements of air quality management
 - Have an understanding of how air quality is monitored and estimated
 - Understand the conflicts that exist between national and local policies
 - Touch on new technologies and other factors in cutting air pollution
 - Gain an understanding of air quality management, who is responsible
 - Know what is expected by developers and planning authorities
 - Understand the role of the Community Infrastructure Levy in offsetting the impact of development
 - Acquire confidence in optimising and using guidance effectively

Who should attend

Tailored for policymakers, practitioners, and local government players interested in improving air quality, this training will equip you with necessary skills to effectively engage with communities to drive behaviour and environmental change.

Topics covered

- Current status of AQ in the UK
- Case Studies of Pollution Reduction Schemes
- Behavioural Change Campaigns
- Technology changes
- New legislation
- Decarbonisation

Programme*

Arrival and registration

Introduction and objectives

What's the current status of air quality (AQ) in the UK and how is it defined nationally and locally?

- Health based AQ objectives
- Local and regional AQ monitoring
- Emission inventories (NAEI)
- National AQ modelling (PCM)

Links to wider policy and strategy

- Climate change
- Transport and Planning policies
- Motorway agencies plans and policies
- Planning applications and developer guidelines

Break

Monitoring and Modelling

- Monitoring in public and private sectors
- Legacy approaches
- AURN
- Indicative monitoring
- Technology
- Modelling appraisal

Current Interventions

- Clean air zones
- Low emission zones - EV, LTN, MTE
- Parking
- School streets
- Behaviour change

Lunch

Group exercises

- Using an AQMA to design a monitoring and intervention programme

Break

A look into the future

- Mobility trends
- Scheme evaluation
- Technology
- Enforcement and regulation
- Road pricing

Case studies

Summary and close

*This is a preliminary programme and is subject to change

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Course Name & Location

Title	First Name	Surname
Position		
Organisation	Department	
Email		
Telephone		
Address		Post Code
Dietary or access requirements		

Attendance Fees (Please write amount)

Standard Rate _____ + VAT

CILT/Local Authority/Charity Rate _____ + VAT

Method of Payment

Card Number	CSV Code	Expiry Date
Card Holder's name and address (if different from above)		
Post Code	Purchase Order Number	

Invoice	Invoice name and address (if different from above)
Please attach a copy of your purchase order made payable to PTRC	

Cheque Enclosed for £ _____ made payable to PTRC

Signature Authorisation I have read and accept the terms and conditions

Name Signature

Date

Please return form to

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Terms & Conditions

1 Registration Form Applications should be made on the official registration form. Photocopies are accepted. One form should be completed for each delegate attending the event. It is important that all sections are completed legibly. Delegates are advised to retain a copy of the registration form for reference before sending. **2 Fee** Fees include attendance at lectures, lecture notes, lunch and all refreshments unless otherwise indicated. Fees do not include overnight accommodation, breakfast and evening meals unless stated. **3 Acknowledgement** Receipt of a registration form will be acknowledged by email, delegates will be sent an invoice and an email of acknowledgement. Joining instructions, including a map, will be sent to each delegate by email approximately one week before the start of the event. **4 Payment** Unless otherwise stated payment in full must be made at the time of booking. All prices are exclusive of VAT, unless stated otherwise. **5 Cancellation** All cancellations, or alterations to a booking, must be received in writing. To avoid cancellation penalties, substitutes will be accepted at any time, if notified in writing and in advance of the event. Adjustments in fees will be made if there is any change in fee category. Cancellations received in writing up to 7 days before an event will be subject to an administration fee of £75 + VAT or the event delegate fee whichever is the lower. Cancellation within 7 days of the event date or a 'no show', will be liable for the full fee. **6 Disclaimer** PTRC reserves the right to vary the programme and to cancel an event if it is under subscribed or for any other reason. In the event of cancellation, where reasonably possible, PTRC aims to give delegates at least one week's notice and the fee will be refunded in full. PTRC will not be held liable for any pre-booked travel, accommodation or similar costs incurred under any circumstances whatsoever. **7 Data Protection** Details will be held on a database in accordance with the 1998 Data Protection Act. Information will be used for internal marketing purposes only and will not be shared with any external organisations.