

Overcoming the Challenges of Poor Air Quality



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)

What's expected (and what isn't perhaps) in terms of air quality management in the UK?

- Monitoring in public and private sectors
- Annual reporting
- AQ action planning
- Motorway agencies plans and policies
- Planning applications and developer guidelines

Break

UK's plan for tackling roadside nitrogen dioxide concentrations (July 2017)

- What are the short and long term implications?

Is there an alternative strategy to improve air quality outside of a silo?

- The focus on health wellbeing
- Holistic assessment
- Unintended consequences
- Key performance indicators

Lunch

Group exercises

- Interactive group exercises looking at various developments, their issues, assessment approaches, mitigations and consequences

Break

A look into the future irrespective of the Plan

- Low emission potential - state-of-the-art review
- Monitoring technologies
- Behaviour trends and exposure

Case studies

- UK and International Case Studies

Summary and close

*This is a preliminary programme and is subject to change

Overview

Nearly 40 million Britons live in areas with illegal air pollution levels resulting in 40,000 premature deaths a year. The Government's Plan for tackling air pollution and roadside NO₂, published in July 2017, announced over £2.7 billion of investment in air quality (AQ) and cleaner transport. In the Plan, affected local authorities must produce an initial air quality management plan by the end of March 2018, and final plans by December 2018 - A challenging ask! To assist local authorities in meeting these timescales, the Government will ensure they can immediately draw on the Implementation Fund.

This one-day training course has been developed to bring practitioners up to speed with the latest developments in urban air quality management and assessment, to gain a critical insight into the existing process and to have the confidence to deliver solutions to improve public health and well-being. It will also examine how to deliver an effective plan for your community and local businesses; on time and on budget.

Learning outcomes

At the end of the course, participants will:

- Have knowledge of the key elements of AQ management
- Have an understanding of how AQ is monitored and estimated
- Understand the conflicts that exist between national and local policies
- Explore how new technologies and other methods can improve AQ
- Have a working knowledge of 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

Policy makers and practitioners involved in AQ management and action planning:

- In central and local government, and transport authorities
- In environmental health, public health and land-use planning
- Any person who wishes to have a better understanding on the impact of AQ Plans
- Elected members and senior officers may also benefit

Topics covered

- Current status of AQ in the UK
- Local, regional and national AQ policies and plans
- What is local AQ management, why is it important and what's expected?
- The Joint Air Quality Unit's plan to tackle NO₂
- Case studies of where AQ has been of material concern
- A look into the future - discussion on innovation and implications for developmental planning

