Defra Policy

10:15

John Newington
Joining Forces to Improve Air Quality and Health

Sector Involvement

Air Quality National Policy

John Newington (Defra)
Head of Air Quality & Industrial Emissions Evidence
Presentation Questions (1a &1b)

- Defra’s role - to design effective national policy and evaluate policy to improve environmental and human health outcomes.
- Emission reductions and concentration based targets are what we use to measure progress.
- Legislative landscape and evidence base is changing.
- What do you see as the current problems in your sector and what future research/innovation is required to address them?
  - Precautionary Approach vs costed business cases
  - Data Silos
  - Air mixtures
  - Technical innovation in some areas is a challenge
  - Concerted and coherent research and development
Presentation Questions (2)

What is the next significant development that you expect to make a difference in your work in this area?

• Addressing the issue of scale and individual exposure in modelling approaches
• Improved evaluation of interventions
• Reliability and granularity of new sensor and satellite technologies
• Refinement of emission inventories
• Home for indoor Air Quality
• Increased active engagement across all delivery partners - individuals, business, local and central government.
Presentation Question (3)

- Which organisation or sector would you most like to collaborate with and why?
- OGDs - We are strengthening our engagement across govt, with BEIS and DfT through decarbonisation agenda. Areas of future attention - DfE and MHCLG
- Research Community – strong links with UKRI on SPF Clean Air and scoping of Wave 3 with a particular focus on the digital agenda and have strong links with STFC. Areas of focus ESRC and EPSRC.
- Charity sector: We have good links with charities having run several round tables but could be strengthened.