



# Defra Policy

10:15

John Newington

# Joining Forces to Improve Air Quality and Health

## Sector Involvement

### Air Quality National Policy

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# 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.