



defra

Department for Environment
Food and Rural Affairs

Current and long-term policy commitments within AEQ Division

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Regulatory drivers

- EU and international
 - European Directives (AQFD & DDs, NECD, LCPD, SED, Paints, SCLFD, PVR, IPPC, WID)
 - CAFÉ
 - Conventions and Protocols (CLRTAP, GP, POPs, VOCs, HMs)
- Industrial air pollution (LA and EA regulated processes)
- AQS
- LAQM



Functions of the NAEI

- National and international reporting
- Monitoring of historic and future compliance with national and international commitments
- Informing negotiating positions
- Development of policy
- Continuous development
- Provision of information to the public and private sector



National and international reporting

- Key bodies include TFEIP inc pep under UNECE and EEA in Europe
- Methodology described in Guidelines and Guidebook - update
- Peer review
- Submissions - emissions estimates of NO_x, CO, NH₃, SO₂, NMVOC, POPs and HMs from 1970 – present to UN/ECE under CLRTAP and EC under NECD - EIONET



Monitoring of historic and future compliance with national and international commitments

- **Historic**
 - Temporal trend assessment – effectiveness of existing policies
- **Current**
 - Spatial trend assessment – AQFD and DDs, CL exceedances
 - UNECE Questionnaire on strategies and policies for abatement of air pollution
- **Future**
 - emission projections for selected pollutants under the UNECE GP and EC NECD
 - NECD national plans and programmes



Informing negotiating positions

- Thematic Strategy / CAFÉ - CAFÉ SG
- Revised AQD
- Review of NECD – NECPI – harmonise / streamline reporting and monitoring
- Review of GP, HM and POPs protocols
- Review of IPPC



Development of policy

- International
 - IIASA – bilaterals for RAINS / GAINS
 - ETC / ACC
- UK
 - Identification of primary sources
 - Temporal and spatial trend assessment – Revised AQD
 - National modelling studies – AQSR
 - Feasibility studies - PRTR
 - Regional / Local support – LAQM / Review and Assessment, helpline



Continuous development

- Peer review
- Uncertainties
- Strategic – AQ / CC, security of supply, biofuels, biomass
- Shipping
- Local inventories – LAEI, SCP
- Expert groups – HONO / Primary NO₂, dibenzo(a,l)pyrene
- Ammonia – N cycle as a whole
- PM – resuspension
- Metals



Provision of information to the public and private sector

- Public – webpage, data by postcode
- Private – PPS23, AQRA, Emission reduction plans
- Expert groups



Thank you for your attention

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