



Training needs assessment & work plan

Activity 2.5

Content

- ECRAN activity 2.5 air quality
- Results of questionnaire
- Discussion forthcoming workshops, meetings
 - NECD
 - Stage II VOC Petrol Directive
 - Sulphur Content in Liquid Fuels Directive

Objectives of Activity 2.5 Air Quality

- Annual Working Group meetings
- Training Needs Assessment (based on questionnaire)
 - Ambient Air Quality Directive, 4th Daughter Directive
 - National Emission Ceilings Directive
 - Stage II VOC Petrol Directive
 - Sulphur Content in Liquid Fuels Directive
- Development of regional training programme
- Trainings

TNA questionnaire

- Submitted to ECRAN countries on 5 May 2014
- Highest priority to AAQD, the 4th DD and NEDC
- Lower priority to Stage II VOC Petrol Directive and the Sulphur Content in Liquid Fuels Directive
- Workshops, supported by case studies, discussions, sharing of experience, and hands-on experience preferred methodology

Topics AAQD

- High priority:
 - Assessment of ambient air quality,
 - Ambient air quality management,
 - Measures to ensure compliance with limit values
- Low priority:
 - General information on air quality legislation
 - Transboundary contributions

Overview AAQD

MODULE 1	Directive on ambient air quality and cleaner air for Europe (2008/50/EC)	Overall priority
1.1	Intro EU air quality legislation	
1.2	Main requirements of the Air quality directive	
1.3	Measures to ensure compliance with limit values	
1.4	Monitoring, information and reporting systems	
1.5	Ambient air quality management	
1.6	Assessment of ambient air quality	
1.7	Transmission of information and reporting	
1.8	Information to be included in the local, regional and national programmes for improvement of ambient air quality	
1.9	Transboundary air pollution	

Topics 4th Daughter Directive

- High priority:
 - Measures to reduce emissions of 4DD pollutants
 - Classification of zones (assessment)
 - For some countries:
 - Zoning
 - Location and number of sampling points
- Low priority
 - Monitoring methods
 - For some countries: zoning, location of sampling points,...

Overview 4th Daughter Directive

MODULE 2	4th daughter Directive (2004/107/EC)	Overall priority
2.1	Drawing-up of lists of zones and agglomerations	
2.2	Determining location and number of sampling points	
2.3	Measures to maintain air quality in respect of the relevant pollutants in areas below target levels	
2.4	Measures to improve air quality in respect of the relevant pollutants in areas above target levels	
2.5	Classification of zones and agglomerations for the purpose of assessment of ambient air concentrations and deposition rates	
2.6	Establishing a system to determine the location of sampling points	
2.7	Information on reference methods for sampling and analysis set in Annex V.	

Topics NEC Directive

- High priority:
 - Setting up an emission inventory
 - Improving emission inventories
 - national programmes
- Low priority
 - Gothenburg Protocol

Overview NEC Directive

MODULE 3	NEC Directive (2001/81/EC)	Overall priority
3.1	Setting up and/or improving national emission inventories and projections for all relevant pollutants	
3.2	Drawing up national programmes for the progressive reduction of emissions of relevant pollutants	
3.3	Maintaining the national emission inventories	
3.4	Gothenburg Protocol of 1 December 1999 to the UNECE Convention on Long-range Transboundary Air Pollution	

NECD training proposal

- Day 1: Emission inventories
 - Legal requirements, reporting obligations
 - General considerations in setting up and improving emission inventories
 - Key source analysis
 - Quality assurance
- Day 2: Emission projections
 - Legal requirements, reporting obligations
 - General considerations in setting up projections
 - Interaction with projections for climate change and energy
 - Quality assurance

NECD training proposal

- Day 3: National programmes
 - Legal requirements
 - Changes foreseen in the new NECD
 - Best practice examples of programmes in Europe
 - Synergies between different (environmental) programmes (e.g. climate change, noise, energy security)

Topics Stage II VOC Petrol Directive

- No clear overall picture; proposed topics are of high priority for some countries, of low priority for other countries:
 - Criteria to determine whether service stations are required to install Stage II PVR equipment
 - Minimum level of vapour recovery
 - Ensuring compliance with the provisions on periodic checks and consumer information
 - Measures to ensure adequate consumer information, particularly in terms of written, easily accessible information at the service stations

Overview Stage II VOC Petrol Directive

MODULE 4	Stage II VOC Petrol Directive (2009/126/EC)	Overall priority
4.1	Criteria to determine whether service stations are required to install Stage II PVR equipment	
4.2	Minimum level of vapour recovery	
4.3	Ensuring compliance with the provisions on periodic checks and consumer information	
4.4	Measures to ensure adequate consumer information, particularly in terms of written, easily accessible information at the service stations	

Topics Sulphur Content in Liquid Fuels Directive

- Of interest only for Albania and Montenegro
- Bilateral meeting with 3rd country?
- Possible topics:
 - Considerations of setting up laboratories
 - Considerations of analysis sulphur content in liquid fuels
 - Study visit to a laboratory

Overview Sulphur Content in Liquid Fuels Directive

MODULE 5	Sulphur Content in Liquid Fuels Directive (1999/32/EC)	Overall priority
5.1	Regulating liquid fuel quality. Sampling and analysing liquid fuel quality. Enforcing breaches of the national provisions. Providing information to the public	
5.2	Assessment of national liquid fuel consumption	
5.3	Setting up sampling system for fuels	
5.4	Setting appropriate analytical methods for fuels	
5.5	Assessment of the sulphur content in heavy fuel oil used in plants	
5.6	Ensuring that heavy fuel oil with a sulphur content greater than 1% is not used	
5.7	Ensuring that marine fuels are not used if their sulphur content exceeds 3,50 % by mass	

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TAIEX-ECRAN MultiCountry Regional Workshop on Air Quality
Podgorica ■ 29 October 2014