



THE NEW CEN WORKING GROUP ON SOURCE APPORTIONMENT

Outline of the presentation

- Structure of CEN
- TC 264
- New working items
- Call for experts
- CEN deliverables
- Conclusions



CEN 33 members



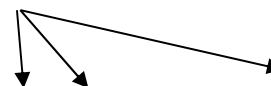
Austria	Iceland	
Belgium	Ireland	
Bulgaria	Italy	
Croatia	Latvia	
Cyprus	Lithuania	
Czech Republic	Luxembourg	Sweden
Denmark	Malta	Switzerland
Estonia	Netherlands	Turkey
Finland	Norway	United Kingdom
Former Yugoslav Republic of Macedonia	Poland	
France	Portugal	
Germany	Romania	
Greece	Slovakia	
Hungary	Slovenia	
	Spain	

Structure of CEN

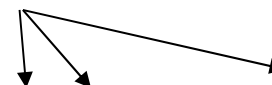


Technical Bodies	420
Subcommittees	55
Working Groups	1618
Workshops	34
Total	454

Technical Board



Technical Committees (TC)



Working Groups (WG)
Convener
Secretary
Members

The members of a Technical Committee are the CEN/CENELEC national members



CEN/TC 264 - Air quality www.cen.eu



SCOPE

Standardization of methods for air quality characterization of emissions, ambient air, indoor air, gases in and from the ground and deposition, in particular measurement methods for air pollutants (for example particles, gases, odours, micro organisms) and methods for the determination of the efficiency of gas cleaning systems.

Excluded are: - the determination of limit values for air pollutants;
- workplaces and clean rooms; - radioactive substances.

Chairperson Dr Theo Hafkenscheid
Secretary Dr Rudolf Neuroth

CEN/TC 264 - Air quality



Working groups (selected ones)

Title

CEN/TC 264/WG 1	Dioxins - emissions
CEN/TC 264/WG 11	Ambient air quality - Diffusive samplers
CEN/TC 264/WG 12	Reference method for determination of SO ₂ /NO ₂ /O ₃ /CO in ambient air
CEN/TC 264/WG 15	Particulate Matter (PM ₁₀ /PM _{2,5})
CEN/TC 264/WG 16	Reference measurement methods for NO _x , SO ₂ , O ₂ , CO and water vapour emissions
CEN/TC 264/WG 21	Measurement method for B(a)P in Ambient Air
CEN/TC 264/WG 32	Air quality - Determination of the particle number concentration
CEN/TC 264/WG 33	Greenhouse gas (GHG) emissions in energy-intensive industries
CEN/TC 264/WG 34	Standard method for measurement of NO ₃ , SO ₄ ²⁻ , CL ⁻ , NH ₄ ⁺ , Na ⁺ , K ⁺ , MG ₂ ⁺ Ca ₂ ⁺
CEN/TC 264/WG 35	EC/OC in PM
CEN/TC 264/WG 36	Measurement of stack gas emissions using FTIR instruments
CEN/TC 264/WG 42	Gas sensors



CEN/TC 264



25th plenary meeting of CEN/TC 264
27 and 28 May 2015
Rome, Italy

Decision 939 (Rome 12)

CEN/TC 264 decides to establish **CEN/TC 264/WG 44** "Source apportionment" in order to elaborate prCEN/TS xxxxx *"Ambient air – Methodology for the assessment of the performance of source apportionment model applications"*. The secretariat is kindly provided by DIN (secretary: Mr. Simon Jaeckel).

CEN/TC 264

25th plenary meeting of CEN/TC 264
27 and 28 May 2015
Rome, Italy



Decision 940 (Rome 13)

Subject: CEN/TC 264 - Appointment of WG Convenor

CEN/TC 264 "*Air quality*",

- considering the CEN/CENELEC Internal Regulations - Part 2, clause 3.4.2 and BT Decision C24/2012, which lay down the rules for the appointment and responsibilities of a Working Group Convenor;
- noting the nomination as evaluated by the Technical Committee Secretariat;
- noting the commitment of the applicant to his responsibilities and duties;
- noting the commitment of the professional standardization support from *DIN*;

decides to appoint Mr. Claudio Belis, JRC, as Convenor of Working Group 44 "*Source apportionment*" for a period of *6 years* starting on *2015-05-27*.

Purpose and justification of the proposal for a new WG on Source Apportionment

- *Identification of sources is a **key task** for the management of air quality*
- *Knowledge about sources is required for the **implementation of the AQD**: Reduction of emissions at source (Preamble point 16), Natural sources, road salting and sanding (articles 20 and 21), Background measurements (Annex IV A), Ozone precursors (Annex X A), Local, regional and national air quality plans (Annex XV A item 5), Public information (Annex XVI item 4)*
- *Quantitative estimations are needed to **develop abatement measures** in air quality plans.*
- *Reporting on contribution of sources is mandatory (Decision 12/12/20211)*
- *There is a need of harmonisation of the **terminology** and the **methodology** to make results comparable across Europe.*
- *Definition of **minimum quality standards** is required to ensure the output of the models is suitable for AQ management.*
- *SA methodologies are specific and yield specific outputs that require **specific methods**, quality standards and performance indicators.*



CEN/TC 264



Call for experts of CEN/TC 264/WG 43 and WG 44 dealing with "Fairmode" issues

The first meeting of WG 43 will be held from 13 to 14 October and of WG 44 from 14 to 15 October 2015 in Düsseldorf (Germany).

All **CEN/TC 264 members** are now kindly invited to nominate experts of WG 43 and WG 44 by making the necessary entries in the CEN Global Directory.

Simon Jaeckel
Secretariat to CEN/TC 264
Kommission Reinhaltung der Luft
im VDI und DIN – Normenausschuss KRdL

Range of deliverables

- European Standard (EN)
- Technical Specification (CEN/TS)
- Technical Report (CEN/TR)
- CEN Workshop Agreement (CWA)
- CEN Guide

European Standards



- A European Standard (EN) is a normative document made available in the three official languages.
- The elaboration of a European Standard includes a public enquiry, followed by an approval by weighted vote of CEN/CENELEC national members and final ratification.
- Every conflicting national standard is withdrawn.

As the basis for the European Standard, it shall first be established whether :

- a) there is published international work in the field and that international work would be acceptable as a European Standard;
- b) the work can be developed within the framework of the international agreements that CEN and CENELEC have with ISO and IEC respectively.

Technical Specifications



A Technical Specification (TS) is a normative document made available in at least one of the three official languages.

No public enquiry is needed.

Conflicting national standards may continue to exist.

A Technical Specification is reviewed every 3 years at the latest.

A work item meant to become an EN may be published as a Technical Specification where:

- there had been insufficient support at the CEN/CENELEC Enquiry for the work item to progress to an EN,
- no consensus can be reached on the submission of the work item to Formal Vote within the given target date.

Two or more Technical Specifications may be published if, for instance, the draft EN had dealt with more than one class of product, or included alternative methods of test.

Technical Specifications may, therefore, compete with each other.

Conclusions

- The new working items open the opportunity to go from harmonisation towards standardisation in the field of modelling
- The standards are mainly oriented to define quality standards for models
- The input from Fairmode was considered relevant to create the WGs
- The participation of Fairmode experts would ensure the maximum communication, coherence and synergies between the work of CEN and Fairmode
- Fairmode experts are advised to contact their national representatives and request to be nominated as members of WGS 43 and 44
- First meetings of WGs 43 and 44 next to each other on 13/14 and 14/15 October in Düsseldorf (Germany).



Thank you for your
attention