



# CEN Sector News

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## **Contents**

<b>Balanced representation</b>	<b>2</b>
<b>SMEs and Standards</b>	<b>2</b>
<b>Construction</b>	<b>3</b>
<b>Consumer Products</b>	<b>5</b>
<b>Energy</b>	<b>6</b>
<b>Environment</b>	<b>7</b>
<b>Healthcare</b>	<b>8</b>
<b>Information &amp; communications technology (ICT)</b>	<b>9</b>
<b>Occupational Health &amp; Safety (OHS)</b>	<b>10</b>
<b>Personal Protective Equipment (PPE)</b>	<b>11</b>
<b>Services</b>	<b>11</b>
<b>CEN Technical Board</b>	<b>12</b>
<b>Technical Board decisions by correspondence</b>	<b>14</b>
<b>EC/EFTA Mandates</b>	<b>16</b>
<b>Standards Department</b>	<b>18</b>
<b>Innovation &amp; Business Development Department</b>	<b>19</b>

## Balanced representation

### Meeting

CEN/BT Working Group *Balanced representation in technical bodies* was created by Resolution BT 28/2009 and the convenorship has been allocated to UNI.

A first meeting is planned for **2<sup>nd</sup> December** at DIN in Berlin.

CEN members (including Associates) are requested to send nominations for participation to the CEN Management Centre by **30<sup>th</sup> November**, by email to Joëlle Colaers at: [joelle.colanders@cen.eu](mailto:joelle.colanders@cen.eu).

## SMEs and Standards

### Seminar

On **19<sup>th</sup> November** CEN and CENELEC will hold an interactive seminar to present the initiatives they are taking to strengthen the involvement of SMEs in the standardization process. The seminar will take place at the CEN - CENELEC Meeting Centre in Brussels.

The seminar is part of the 'External visibility and promotion project to assist SMEs in Europe'. It will highlight findings from the recently conducted 'CEN-CENELEC SME Access Project study'. In addition, the SME Standardization Toolkit (SMEST) will be introduced and the results of the SMEST workshops held in eleven CEN-CENELEC member countries, will be discussed.

You can register to attend the seminar through the SMEST website: <http://www.smest.eu/publicaties/2879>.

# Construction

## Lead Market Initiative

BT/WG 206 *CEN contribution to the EC Lead Market Initiative on sustainable construction* is making an inventory of standards in order to identify possible needs for further contributions to the initiative. It met in September and decided to hold a workshop to explore the possible application of the principles of the structural Eurocodes, to demonstrate compliance with other performance requirements linked to the basic work requirements of the European Union's future Construction Products Regulation. The workshop will take place in Brussels on **2<sup>nd</sup> December**.

A proposal to hold a workshop to explore the interfaces between standards for assessing sustainability of buildings and of products and technical specifications for products was deferred until the assessment standards are further developed and the efficacy of the liaisons between CEN/TC 350 *Sustainability of construction works* and technical committees developing product standards has been evaluated.

## Promotion of Eurocodes

The Eurocodes constitute a major building block towards a functioning internal market in the construction sector. The European Commission's Lisbon Agenda for Growth and Jobs underlines the need to accompany such ambitious internal goals with an external agenda to build relationships and create opportunities in the global economy. One component in such efforts is the promotion of European standardization in third countries. Based on a strong interest from these countries, the Commission, in cooperation with CEN and others has undertaken a number of initial information and promotional actions to enhance the visibility of Eurocodes, targeting individual countries as well as international standardization organizations.

The scope of this action is to define a set of Eurocodes dissemination and information strategies for six different countries and regions (Eastern Mediterranean/Gulf states, South Africa, Western Mediterranean, Russia/Ukraine, South East Asia and India) regarding their uptake of the Eurocodes, and define actions to be implemented in each area. Following an agreement with the Commission Services, the contractor (BSI) will undertake a number of promotion actions.

The contract foresees general supervision and guidance of the study by a monitoring and steering group chaired by the Commission and including representatives of relevant Commission Services, Member State and other stakeholders. The group will hold three meetings over the 18-month duration of the action. The first meeting took place in November.

## **Eurocodes**

The European Commission's European National Correspondents (ENC) group on Eurocodes met in July and created a working group: *Future work for Eurocodes*. The group will devise a work-plan for the future evolution of the Eurocode European Standards as described in the *white paper* prepared by CEN/TC 250 *Structural Eurocodes*.

The work-plan should define the method and timing for any future work. It will make a clear distinction between the tasks of maintenance, harmonization and standards development for new material, linked to existing codes.

The first meeting of group took place in September and agreed to present, as soon as possible, the outline of a possible EC/EFTA programming mandate to CEN in the field of Eurocodes. A framework mandate will be defined first and specific mandates on technical issues will follow. The group will meet next on **14<sup>th</sup> December**.

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# Consumer Products

## Lighters

With resolution BT 11/2009, the CEN Technical Board decided in principle to accept the EC/EFTA mandate M/427 *Relative to child resistance requirements for cigarette lighters*, and to follow a two-step approach for its execution (for further information, please refer to Sector News, May 2009 issue). The work has been allocated to CEN/TC 355 PC *Lighters*, which held its first meeting in September.

The participants to the meeting made important progress in order to deal with the short term provisions identified in the two-step approach such as the revision of the term *novelty*; the *lighter* and *producer* definitions. Discussions started on how to find a suitable solution to the child panel testing.

A report on the outcome of the first meeting containing the results of the first meeting was submitted for information to the 66<sup>th</sup> CEN/BT meeting in October.

The second meeting of CEN/TC 355 *Lighters* will be held on **16<sup>th</sup> December** at AFNOR in Paris.

## Security of the Citizen

With resolution BT 35/2008, CEN/BT created CEN/TC 391 *Societal and Citizen Security* (Secretariat NEN).

The aim of CEN/TC 391 is to develop standardisation activity within the European social and business environment by:

- "mirroring" the activities of ISO/TC 223 *Societal Security* with a view to avoiding duplication and/or fragmentation of work and develop complementing activities;
- analyzing the needs for standardization in the field of protection and security of the citizen and advise on their prioritization and allocation;
- defining and developing activities which do not fall under the remit of other CEN or ISO technical structures.

The second meeting of CEN/TC 391 is scheduled for **26<sup>th</sup> November** at the CEN/CENELEC meeting centre in Brussels.

## Consumer health and Safety

To mark the 10<sup>th</sup> anniversary of its creation the Directorate-General for Health and Consumers (DG SANCO) launched an on-line discussion on European health and consumer policy.

The conclusions of the online debate were presented at a seminar in October. To access the online debate: <http://europa.eu/debateurope>

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# Energy

## Seminar

The CEN/CENELEC Sector Forum *Energy Management* held a one-day seminar in October at the CEN and CENELEC Meeting Center in Brussels.

The aim of the seminar was to provide information on the CEN/CENELEC activities in the field of energy management and energy efficiency. Information was also given on new standards such as EN 16001 on Energy Management systems and standards under development such as EN 15900 on energy efficiency services, standards on benchmarking of energy use and energy audit. Stakeholders also discussed their requirements and needs for standards in the field of energy management and energy efficiency.

The presentations given during the seminar are available from the CEN web site at:

[www.cen.eu/cenorm/sectors/sectors/utilitiesandenergy/energy/events\\_energymanagement.asp](http://www.cen.eu/cenorm/sectors/sectors/utilitiesandenergy/energy/events_energymanagement.asp)

## Meetings

The following meetings are planned:

Date	Meeting	Place
8 <sup>th</sup> - 9 <sup>th</sup> Dec	CEN/CLC JWG 1 <i>Energy Audits</i>	Brussels
10 <sup>th</sup> Dec	CEN/CLC Sector Forum <i>Energy Management</i>	Brussels

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# Environment

## Training

The CEN Environmental Help Desk (EHD) is pleased to announce new environmental training sessions for 2010.

CEN technical committee delegates are invited to participate in a one-day programme to explore and promote the development and inclusion of environmental aspects in standardization.

The training sessions are tailored to help standards writers:

- identify why it is both necessary and desirable to address the environmental aspects of products or services in standardization;
- consider how this can be achieved by outlining helpful tools and identifying sources of information and support.

Training sessions will take place at the new CEN/CENELEC Meeting Centre in Brussels from 9:30 until 16:30 on the following dates:

- **16<sup>th</sup> February**
- **27<sup>th</sup> April**

Participation in the training is free of charge and is limited to 15 participants per session. Programme and registration details are available on the CEN web site at [www.cen.eu/sh/ehd](http://www.cen.eu/sh/ehd)

## Environmental Bulletin

Since May 2009, the EHD publishes on the CEN website the Environmental Bulletin where the reader will find an overview of technical committee's activities related to the environment.

The fourth issue – as well as the three previous ones - is now available as part of the Environmental framework at [www.cen.eu/sh/ehd](http://www.cen.eu/sh/ehd).

For further information, please contact the EHD (email: [cen.ehd@cen.eu](mailto:cen.ehd@cen.eu)).

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# Healthcare

## ABHS meeting

The meeting of the CEN Advisory Board for Health Standards, planned for November, has been postponed. A new meeting date will be communicated in due course. For more information, please contact the CEN Management Centre.

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## Biosafety Professional Competence

A new CEN Workshop has been initiated. This project is the outcome of a series of workshops convened by the European Biosafety Association (EBSA) Biosafety Professional (BSP) Competence Task Group (composed of representatives from different European countries).

The Laboratory Biorisk Management Standard (CWA 15793 published in February 2008) recognizes a key role for the biosafety professional in a laboratory biosafety and biosecurity management programme.

While CWA 15793 defines the role of BSP in general terms, the present initiative complements it by clearly defining the role profile, the tasks and competency requirements for the BSP, developing a curriculum to train the BSP and setting a framework for establishing training programmes as well as certifying biosafety professionals.

The main funding of the project will be provided by the European Commission (Directorate-General Justice, Freedom and Security).

The CWA will clearly define the tasks, the knowledge and experience required to adequately fulfil the function of BSP.

The kick-off meeting will take place on **17<sup>th</sup> December** in Frankfurt, Germany (Dechema premises). For more information, please visit the CEN web site at:

<http://www.cen.eu/cenorm/sectors/technicalcommitteesworkshops/workshops/ws53-bsp.asp>

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# Information & communications technology (ICT)

## Materials Data

The CEN Workshop on Economics and Logistics of Standards-Compliant Schemas and Ontologies for Interoperability Engineering Materials Data (WS/ELSSI - EMD) was launched in May with a proposed duration of 1 year. The next Workshop meeting was held in Delft (The Netherlands) in October.

The Workshop aims to establish the technical feasibility and the economic benefits of migrating standard testing procedures to corresponding data formats. The Workshop unfolds along the following lines of enquiry:

1. *Feasibility study* – to implement and develop standards data formats (schemas, ontologies, and rule sets) compliant with mechanical testing standards and deliver guidelines on the relative merits and limitations of the chosen technologies.
2. *Economic forecast* – to deliver a critical review and a series of case studies to evaluate the business case for standards-compliant schemas and ontologies and appraise knowledge management implications.
3. *Standardization practices* – to deliver a critical review of the implications of ownership and maintenance of standards-compliant schemas and ontologies relative to the procedural standards.

The aim is to develop data formats that can potentially be adopted by the technical committees responsible for maintaining and developing the standard testing procedures. With standards-compliant data formats available, computer systems can interoperate, thereby offering more reliable and effective means for working with materials data.

To demonstrate one of the many anticipated benefits, the ELSSI project team has chosen to undertake a case study that investigates a transition from paper-based to electronic test certificates for the standard ISO 6892 *Metallic materials - tensile testing*.

Participation in this CEN Workshop is open to any interested company/organization. If you wish to participate, please contact Ms Rosella Hoek, Workshop ELSSI Secretary (e-mail: [rosella.hoek@nen.nl](mailto:rosella.hoek@nen.nl)).

For more information please visit the CEN web site at:

<http://www.cen.eu/cenorm/sectors/sectors/iss/activity/ws-elssi.asp>

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# Measurement

## Smart Meters

In order to prepare the response to mandate M/441, the Smart Meter Co-ordination Group (SM CG) held its second meeting in September. Both *Ad Hoc* groups (*Communication* and *Additional functionalities*) presented the results of their respective work before the draft version of the compiled report on Phase 1 of the mandate was discussed. The general content of the document was largely agreed. Once approved by the ESO Boards, the final version of the report will be submitted to the European Commission for approval by the end of this year.

The SM CG plans to meet next meeting in January; and will agree the exact date soon.

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# Occupational Health & Safety (OHS)

## Meeting

The next meeting of the CEN Strategic Advisory Board for Occupational Health and Safety (SABOH&S) will take place on **19<sup>th</sup> November** in Brussels.

For more information please contact the Secretary of the SABOH&S, Mick Maghar at BSI, (email: [mick.maghar@bsigroup.com](mailto:mick.maghar@bsigroup.com)) or the CEN Management Centre.

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# Personal Protective Equipment (PPE)

## Sector Forum

The next meeting of the CEN PPE Sector Forum will take place on **20<sup>th</sup> November** at the CEN/CENELEC Meeting centre in Brussels.

For more information please contact the Secretary of the PPE Forum, Mr. Fred Foubert, [fred.foubert@centexbel.be](mailto:fred.foubert@centexbel.be), or the CEN Management Centre.

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## Services

### Engineering Consultancy Services

During the first meeting of CEN/TC 395 *Engineering Consultancy services* held in June, it created two working groups:

- WG 1 Standardization of terminology for Engineering Consultancy services for buildings, infrastructure and industrial units
- WG 2 Standardization of terminology for Engineering Consultancy services for industrial products

The first meetings of both of these working groups took place in November.

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## CEN Technical Board

The CEN Technical Board (BT) held its 66<sup>th</sup> meeting on 21<sup>st</sup> & 22<sup>nd</sup> October and made a number of decisions (BT resolutions).

**NOTE** *The following are summaries of the BT resolutions taken at the meeting. The full resolutions and referred documents must be taken into account. Individual BT members are responsible for the circulation of the full texts of the resolutions within their organizations, and for providing explanations on their application at national level.*

### **Decision-making in BT & organization of BT meetings (Resolution BT 20/2009)**

BT made several decisions relating to the preparation, discussion and formal decision making phases of its overall decision-making process and the structure of its meetings.

### **Use of TC Working Area by Working Groups (Resolution BT 21/2009)**

BT asks its Members to urge technical committees and their working groups not already doing so to use the available Livelink platforms for the distribution and management of their documents.

### **Titles of 'harmonized standards' - Official Journal (Resolution BT 22/2009)**

BT decides that CEN members shall deliver translations of titles of European Standards to be cited in the OJEU, at the latest by the date of ratification (dor) and they shall be identical to the original English, French or German versions.

### **CEN/TC 89 Thermal performance of buildings and building components – WG 13 In-situ test methods (Resolution BT 23/2009)**

BT asks CEN/TC 89 to ensure that WG13 is fully operational by end of 2009 and reminds members of several principles relating the appointment of experts and balanced participation.

### **CEN/TC 89 Thermal performance of buildings and building components – WG 12 Reflective insulation products (Resolution BT 24/2009)**

BT asks CEN/TC 89 to clarify the kinds of products covered by the scope of the draft of work item 00089122 (*determination of the declared thermal performance of reflective insulation products*), intended for CEN Enquiry. BT reminds members of several principles relating to the appointment of experts and balanced representation.

### **Corrigenda – process and consolidation (Resolution BT 25/2009)**

BT having considered the results of the consultation regarding "Corrigenda – Process and consolidation" asks CMC to continue to reject corrigenda that constitute technical updates to examine how corrigenda could possibly be consolidated.

### **CEN/CENELEC/BT/WG STAIR (Resolution BT 26/2009)**

BT authorizes technical bodies to establish 'project liaisons' with research projects, allowing a liaison representative to participate in technical committee and working group meetings as observer for the duration of the project and that the project accepts CEN's exploitation rights policy.

### **Cooperation Agreement: CEN - CENELEC & EURAMET (Resolution BT 27/2009)**

BT approves the proposed draft Cooperation Agreement between CEN, CENELEC and EURAMET in principle.

**Balanced representation in technical bodies (Resolution BT 28/2009)**

BT creates BT Working Group *Balanced representation in technical bodies* under the convenorship of Ruggero Lenzi, UNI.

**Mandate M/427 *Child resistance requirements - cigarette lighters* (Resolution BT 29/2009)**

BT notes the interim report of CEN/TC 355 Project Committee *Lighters* and accepts the development of an Amendment to EN 13869:2002 *Lighters – Child resistance for lighters - Safety requirements and test methods*.

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## Technical Board decisions by correspondence

**Note:** The CEN Technical Board (BT) adopted these resolutions by correspondence in August and September. Please take into account the full texts of the resolutions, and any documents to which they refer. Individual BT members are responsible for the circulation of the texts of the resolutions within their organizations, and for providing explanations on their application at national level.

### **EN 5399; 1998 (Resolution BT C054/2009)**

BT withdraws EN ISO 5399:1998 *Leather - Determination of water-soluble magnesium salts - EDTA titrimetric method*

### **CEN/TR 1749 (Resolution BT C055/2009)**

BT decides to publish CEN/TR 1749:2009 *European scheme for the classification of gas appliances according to the method of evacuation of the combustion products (types)* superseding CEN/TR 1749:2005.

### **EN 14851: 2005, EN 14852:2005 & EN 14853:2005 (Resolution BT C056/2009)**

BT decides to withdraw:

EN 14851:2005 *Aerosol containers - Aerosol foam flammability test*

EN 14852:2005 *Aerosol containers - Determination of the ignition distance of the spray jet*

EN 14853:2005 *Aerosol containers - Enclosed space ignition test*

### **CEN/TC 377 Project Committee *Air Traffic Management* (Resolution BT C057/2009)**

BT agrees to change the deliverable from EN to CEN/TS for work item 00377002 *Flight Data Processing Interoperability (ATC-ATC)*

### **EN 14524: 2004 (Resolution BT C058/2009)**

BT withdraws EN 14524:2004 *Foodstuffs - Determination of okadaic acid in mussels - HPLC method with solid phase extraction clean-up, derivatization and fluorimetric detection*

### **Systematic adoption of ISO/TC 207 deliverables in CEN (Resolution BT C059/2009)**

BT decides on a procedure for the adoption.

### **CEN/TC 343 *Solid Recovered Fuels* (Resolution BT C060/2009)**

BT agrees to change the deliverables from EN to CEN/TS for:

prEN 15401 *Solid recovered fuels – Methods for the determination of bulk density;*

prEN 15405 *Solid recovered fuels – Methods for the determination of the density of pellets and briquettes;*

prEN 15406 *Solid recovered fuels – Methods for the bridging properties of bulk material;*

prEN 15414-1 *Solid recovered fuels – Determination of moisture content using the oven dry method – Part 1: Determination of total moisture by a reference method;*

prEN 15414-2 *Solid recovered fuels – Determination of moisture content using the oven dry method – Part 2: Determination of total moisture by a simplified method;*

prEN 15412 *Solid recovered fuels – Methods for the determination of metallic aluminium.*

### **CEN/TC 343 *Solid Recovered Fuels* (Resolution BT C061/2009)**

BT withdraws CEN/TS 15404:2006 upon publication of the CEN/TR *Solid recovered fuels - Methods for the determination of ash melting behaviour by using characteristic temperatures.*

**CEN Sector Forum Gas Infrastructure - Rapporteur (Resolution BT C062/2009)**

BT appoints Dr. Bernhard Klocke as CEN Sector Forum Gas Infrastructure Rapporteur for a period of two years.

**Mandate M/444 - wood-based panels (Resolution BT C064/2009)**

BT accepts mandate M/444 (amending mandate M/113) concerning wood-based panels and allocates the work to CEN/TC 112 *Wood-based panels*

**Mandate M/442 - Chimneys, flues (Resolution BT C065/2009)**

BT accepts mandate M/442 requesting the development of a European Standard on chimneys, flues and specific products and allocates the work to CEN/TC 166 *Chimneys*.

**CEN/TC 148 Continuous handling equipment (Resolution BT C067/2009)**

BT asks AFNOR to update these 4 European Standards for continuous handling equipment to provide presumption of conformity to essential requirements of the new Machinery Directive (2006/42/EC):

**EN 617:2001** *Continuous handling equipment and systems - Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers*

**EN 618:2002** *Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors*

**EN 619:2002** *Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of unit loads*

**EN 741:2000** *Continuous handling equipment and systems - Safety requirements for systems and their components for pneumatic handling of bulk materials*

**BT/WG 69 Small Craft (Resolution BT C068/2009)**

BT approves the revised scope of BT/WG 69 *Small Craft*

**Mandate M/447 - resistance to fire (Resolution BT C069/2009)**

BT accepts mandate M/447 for the evaluation of construction products and elements in respect of their resistance to fire and allocates the work to CEN/TC 127 *Fire safety in buildings* and CEN/TC 166 *Chimneys*.

**Mandate M/384 - colour coding specimen receptacles for *in vitro* diagnostics (Resolution BT C070/2009)**

BT decides, exceptionally, to stop further work on mandate M/384 and to inform the European Commission of this decision and the reasons.

**Agricultural machinery - Safety (Resolution BT C071/2009)**

BT ratifies EN ISO 4254 Agricultural machinery - Safety - Part 5: Power-driven soil-working machines and Part 7: Combine harvesters, forage harvesters and cotton harvesters without resubmitting the drafts to the vote and ask CMC to make the texts available to the members with the necessary changes in the forewords and Annex Z.

## EC/EFTA Mandates

The CEN Technical Board (BT) has adopted the following mandates since 2007. The full texts of the relevant resolutions must be taken into account in order to understand the details of the request contained in each mandate and how the request will be handled by CEN.

Mandate	Title	BT Resolution	Technical body
M/447	Evaluation of construction products in respect of their resistance to fire	BT C069/2009	CEN/TC 127, 166
M/444	Wood-based panels	BT C064/2009	CEN/TC 112
M/442	Chimneys, flues	BT C065/2009	CEN/TC 166
M/441	Smart meters	BT C037/2009	CEN/TC 92, 171, 176, 237, 294, 318
M/440	Aircraft ground support equipment	BT C026/2009	CEN/TC 274
M/439	<i>Standby and off modes power consumption measurement for energy using products</i>	---	For CENELEC
M/438	<i>Air Traffic Management (EATMN) for data link services)</i>	---	For ETSI
M/437	Agricultural machinery	BT C021/2009	CEN/TC 144
M/436	Radio Frequency Identification (RFID) and systems	BT C018/2009	ESO Coordination Group + CEN/TC 225
M/435	Pesticide application equipment in use	BT C016/2009	CEN/TC 144
M/434	Revision of EN 3-8:2006 <i>Portable fire extinguishers</i>	BT C036/2009	CEN/TC 70
M/433	Labelling of medical devices - phthalates	BT C003/2009	CEN/CLC/TC3
M/432	Medical devices directives	BT C002/2009	All relevant technical committees
M/431	Greenhouse gas emissions in energy intensive industries	BT 1/2009	CEN/TC 181
M/430	Bio-polymers and bio-lubricants	BT 3/2009	CEN/TC 19, CEN/TC 249
M/429	Bio-based products	BT C100/2008	BT/WG 209
M/428	Postal services	BT C79/2008	CEN/TC 331
M/427	Child resistance requirements for cigarette lighters	BT 11/2009	CEN/TC 355
M/426	Microbiological testing of cosmetic products	BT C47/2008	Sub-sector H99
M/425	Safety requirements for cigarettes	BT C48/2008	ISO/TC 92 and ISO/TC 126
M/424	Water Framework Directive	BT C32/2008	CEN/TC 230
M/423	Handbook for defence procurement	BT C26/2008	CEN Workshop 10
M/422	Heavy metals and Iodine in food	BT C20/2008	CEN/TC 275
M/421	Vehicle repair and maintenance - On-board diagnostics	BT C29/2008	CEN/TC 301
M/420	Accessibility - for public procurement in the built environment	BT 20/2008	BT/WG 207
M/419	Supply chain security	BT 19/2008	CEN/TC 379
M/418rev2	Fertilizers	BT C020/2009	CEN/TC 260
M/418	Modernization of methods of analysis of fertilizers	BT C09/2008	CEN/TC 260
M/417	Sectoral certification schemes	BT C12/2008	CEN/CLC/TC1
M/416	Pyrotechnic articles	BT C68/2007	CEN/TC 212
M/415	Space activities	BT C61/2007	BT/WG 202
M/414	Nickel release	BT C63/2007	CEN/TC 347
M/413	Detection of polycyclic aromatic hydrocarbons (PAH) in extender oils	BT C70/2007	CEN/TC 19
M/412	Non-automatic weighing instruments	BT C47/2007	CEN/CLC JWG
M/411	Objects intended for drinking	BT C59/2007	CEN/TC 52
M/410	Magnetic toys	BT C58/2007	CEN/TC 52
M/409	Specific properties of nanotechnologies and nanotechnology	BT C52/2007	CEN/TC 354

M/404	Harmonized standards according to the EMC Directive 2004/108/EC	BT C32/2007	All relevant technical committees
M/403	Information and communication technologies – eHealth	BT C31/2007	CEN/TC 251
M/402	Methods of analysis to detect perfluorooctane sulphonates	BT C14/2007	CEN/TC 382
M/401	Volumetric flow from stationary sources (air emissions)	BT C16/2007	CEN/TC 264
M/400	Gas qualities	BT C5/2007	BT/WG 197
M/399	Tractors	BT C10/2007	CEN/TC 144
M/398	Agricultural Tractors – Roll-over protection for passengers	BT C11/2007	CEN/TC 144
M/396	Standardization in the field of machinery	BT C9/2007	All relevant technical committees
M/395	Characterization of waste from the extractive industries	BT C73/2006	CEN/TC 292
M/394	Automotive fuels - Diesel - Fatty Acid Methyl/Ethyl Esters	BT C28/2007	CEN/TC 19
M/393	Fatty Acid Ethyl Ester for use in diesel engines and heating fuel	BT C27/2007	CEN/TC 19
M/386	Amendment to Mandate M/107 <i>Geotextiles</i>	BT C70/2006	CEN/TC 189

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<b>Quality of life</b>		<b>Industry &amp; Technology</b>	
<b>Contact</b>	<b>Sector</b>	<b>Contact</b>	<b>Sector</b>
Amilcar Da Costa (974)	<ul style="list-style-type: none"> <li>• Construction</li> <li>• Eurocodes</li> <li>• Heating, ventilation &amp; air-conditioning</li> </ul>	Ashok Ganesh (804)	Unit Manager
Bénédicte Delloye (968)	<ul style="list-style-type: none"> <li>• Environmental Helpdesk (EHD)</li> </ul>	Marie Poidevin (933)	<ul style="list-style-type: none"> <li>• Machinery</li> <li>• Steel (ECISS)</li> </ul>
Mathieu Denis (866)	<ul style="list-style-type: none"> <li>• Construction</li> <li>• Pressure equipment</li> </ul>	Thierry Legrand (965)	<ul style="list-style-type: none"> <li>• Packaging</li> <li>• Transport</li> </ul>
Diana Dus (844)	<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Environment</li> </ul>	Cinzia Missiroli (879)	<ul style="list-style-type: none"> <li>• Consumers</li> <li>• Food</li> <li>• Nanotechnology</li> </ul>
Cathryn Xuereb (992)	<ul style="list-style-type: none"> <li>• Gas appliances</li> <li>• Gas infrastructure</li> <li>• Energy Services</li> </ul>	Anna von Groote (803)	<ul style="list-style-type: none"> <li>• Aerospace</li> <li>• Healthcare</li> <li>• Occupational Health &amp; Safety</li> <li>• Personal Protective Equipment</li> </ul>
		Marc Patuzzo (976)	<ul style="list-style-type: none"> <li>• ICT</li> <li>• Metrology</li> <li>• Explosive atmospheres</li> </ul>
<b>Standards Policy</b>			
Georges Malcorps (855)			
Joëlle Colaers (959)			
An Mellemans (925)			
<b>Publications</b>			
Matthew Tomlin (884)			
<b>Data</b>			
Stefan Joannin (808)			

## Innovation & Business Development Department

Director	John Ketchell (846)
Assistant	Hélène Hennico (813)

<b>Business Development</b>	<b>Workshops &amp; Focus Groups</b>
Guido De Jongh (945) Andreea Gulacsi (979) Arlette Hayere (924)	Luc Van Den Berghe (957) Minka Laridan (989) Françoise Wanson (935)
<i>Standardization and Research</i> André Pirlet (842)	Alain Dechamps (867) Barbara Gatti (834) Gaid Le Gall (939)

