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The energy that powers the development of standards is human energy.

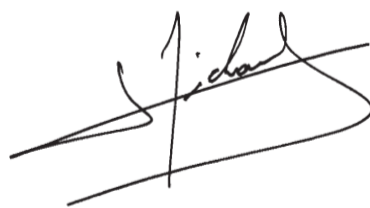
# news networking

## Standards are made by people

Autumn will be busy for CEN and CENELEC. As part of the ongoing FLES exercise, we are continuing to align our operations, which will make the European Standardization System simpler. This is an exciting prospect, which will bring many future benefits. At the same time, overarching strategic plans are also being developed.

One key piece of the vision is improving the access to standards. CEN and CENELEC recently completed a study on this, which will inform further policy steps. The results of this study will be presented to the EC Expert Panel for the Review of the European Standardisation System (EXPRESS). EXPRESS will deliver its recommendations at the end of 2009 in the form of a report entitled '2020: outlook for European Standardisation'. The intermediary report will be part of the European Commission's conference on the occasion of World Standards Day on 14 October in Brussels. At the same time, building on the success of our Strategy 2010, the CEN Board is working on elaborating a long-term strategy.

World Standards Day is coming up in October, as is the next edition of CEN StandarDays. Also, I would like to extend a welcome to the newly elected European Parliamentarians. We look forward to continued strong working relationships with the European institutions, as we work to ensure maximum benefits of European Standards are being garnered from our unique and stable system.



Gaston Michaud  
CEN Secretary General

## Opening packages: easy does it

Stig Håkansson, Convenor CEN/TC 261/WG 2

Most consumers naturally favour packaging that is easy to open. During recent years, the concept of 'Design for all' has gained currency throughout Europe. With this in mind, and considering the aging population in many European countries, the Swedish Standards Institute (SIS), in conjunction with consumer rights groups and industry, suggested that a European Standard test method for the ease of opening of packaging be developed.

The suggestion was accepted by CEN/TC 261 'Packaging' and in 2007 a Working Group was formed, CEN/TC 261/WG 2 'Packaging – Ease of opening'. This has resulted in a draft standard, circulated for public enquiry May 2009 and open for vote and comments until mid October.

The test method used is based on the test for adults described in EN ISO 8317 'Child resistant packaging – Requirements and testing procedures for reclosable packaging' and the methodology developed in the ISO 20282 series of standards on the ease of



A new European Standard on the ease of opening of packages will keep consumer packaging struggles to a minimum.

operation of everyday products. It is also informed by the panel test developed by the Swedish Rheumatism Association, in which persons age 70 to 89 assess various types of packaging.

Knowing that strength in the hands reduces with age, a test method that focuses on elderly consumers, rather than the average male hand strength, provides a new perspective on the ease of opening of packaging. Packaging that

is easy to open for elderly consumers, in most cases, will also be easy for the average consumer to open. Hence, all consumers benefit from packaging designed to meet the needs of elderly consumers.

All consumer packaging, including pharmaceuticals, is covered by the scope of this draft standard and no mechanical alternative is given to the panel test. A mechanical test procedure for all kind of packaging does not yet exist but would improve the repeatability of the test. The drawback is that it would not simulate the consumers' perception of the ease of opening of packages.

We believe that a standard benefiting consumers also benefits the producers. Ultimately, packaging needs to please the buyer. We now hope the comments received during the public enquiry stage will help improve the draft standard and make it useful for producers of packaging – and thus beneficial for European consumers. For more information contact [thierry.legrand@cen.eu](mailto:thierry.legrand@cen.eu).

## Code of Conduct for nanotechnology research

Gérard Rivière, Past Chairman of CEN/STAR

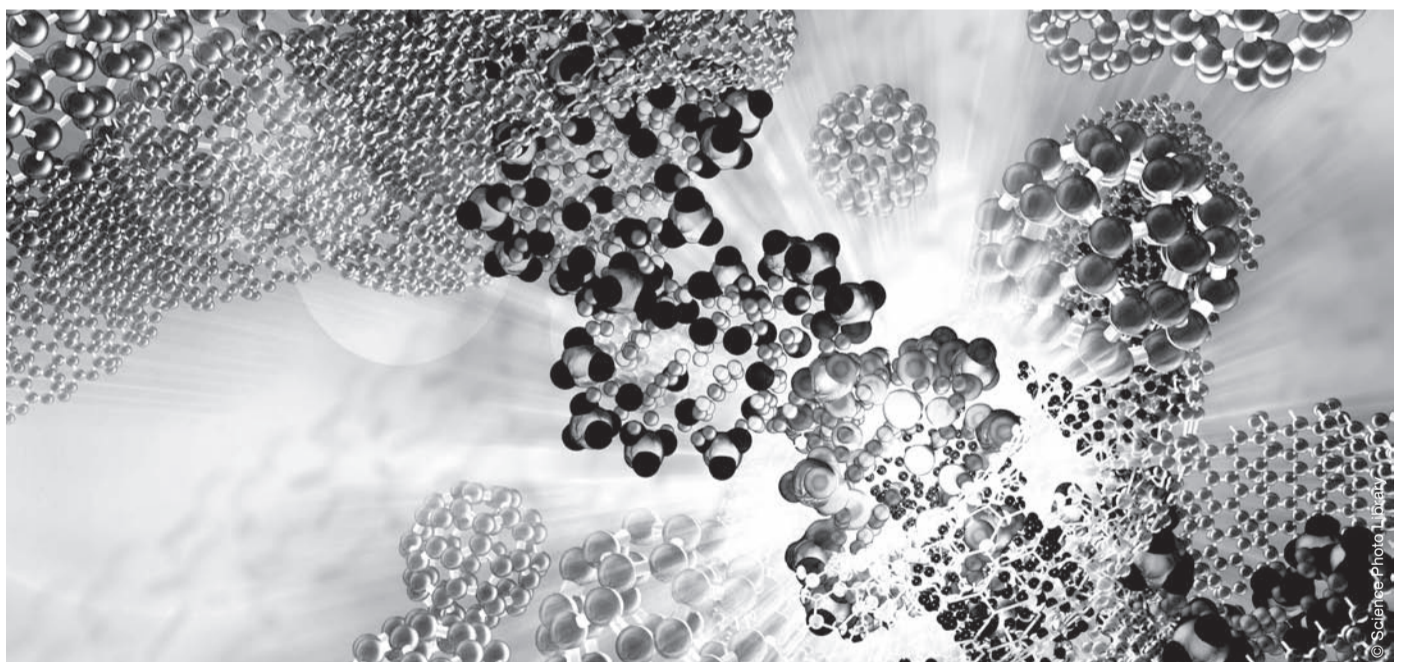
European research actively promotes the emerging field of nanotechnologies, particularly through EU research Framework Programmes. This activity has a strong potential for major impact – economically, socially and environmentally. By 2015, engineered materials at a nanometre scale are expected to comprise a trillion dollar worldwide industry.

The many issues around nanotechnologies relating to ethics and the respect of fundamental rights need to be solved prior to full scale production. This means dealing with knowledge gaps and uncertainties about the impact of these technologies on health, environment, working conditions and security. With due respect for intellectual property rights, the diffusion of knowledge needs research funding bodies and researchers to make information such as relevant standards, references, labels, research on impacts,

*Worldwide engineered materials at a nanometre scale are expected to comprise a trillion dollar industry by 2015.*

regulations and laws easily accessible to, and understandable by, both the scientific community and lay people.

In order to address some of these issues, in February 2008 the European Commission recommended some general principles and guidelines for



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implementation in national regulatory research and development strategies, as well as the production of new standards in this arena.

This Code of Conduct consists of seven general principles aimed at

guaranteeing that nanoscience research activities are:

1. Comprehensible to the public (Meaning).
2. Safe, ethical and contribute to sustainable development. (Sustainability).
3. Conducted in accordance with the precautionary principle, anticipating

potential environmental, health and safety impacts (Precaution).

4. Guided by the principles of openness to all stakeholders, transparency and respect for the legitimate right of access to information (Inclusiveness).
5. Able to meet strict scientific standards, including standards underpinning the integrity of research and standards relating to Good Laboratory Practices (Excellence).
6. Innovative and encourage maximum creativity, flexibility and incorporate the ability for innovation and growth (Innovation).
7. Accountable for the social, environmental and human health impacts

that their research may impose on present and future generations (Accountability).

This code of conduct also outlines two key priorities for standardization. One priority is the development of nano-scale standardization terminology to facilitate the widespread communication of scientific evidence and the development of appropriate reference materials. This will improve the comparability of scientific data, with a consequent lessening of work duplication in different domains. The second priority is the development of methods and tools for risk assessment.

# Space is more than a vacuum

Matthias Ludwig



In June 2007, the European Commission (EC) issued mandate M/415 to CEN, CENELEC and ETSI to develop a feasibility study and a work programme in the field of space industry standards. Mandate M/415 is an element of the European Space Programme and helps integrate the various space systems existing in Europe into a genuine European infrastructure. In particular, mandate M/415 recognizes that the correct functioning of the identified applications and systems within an integrated approach can only be guaranteed by the development and use of the necessary standards.

To carry out the work requested by the mandate it was necessary for CEN, CENELEC and ETSI to develop new – and broaden existing – links with relevant

organizations. To manage this process, the CEN Technical Board (CEN/BT) created the Working Group CEN/BT/WG 202 'Space'. CEN/BT/WG 202 decided to carry out the work in two phases.

In the first phase, CEN/BT/WG 202 carried out a feasibility study to identify the current state of play in space standardization, to identify the priorities for a wide range of elements and applications and the actors who should participate in each area of work.

CEN/BT/WG 202 'Space' has now finalized the second phase of mandate M/415. The final report identifies a number of areas where future standardization work should be foreseen and proposes this work to be carried out by technical bodies in CEN and ETSI, as well as some

further work to be done by the European Cooperation for Space Standardization (ECSS). Work on the development of the proposed projects will start at the end of 2009.

The following recommendations were identified by the working group:

- Performance standardization of navigation and positioning receivers for road applications;
- Interoperability and integration of mobile satellite systems (MSS) and fixed satellite systems (FSS) with terrestrial systems in particular next generation networks (NGN) and with global navigation satellite systems (GNSS) in particular Galileo;
- Space situational awareness (SSA) monitoring;
- Dual-use ground segment interfaces in earth observation (EO);
- Integrated warning system (IWS);
- Emergency telecommunication services (ETS);
- Geospatial data for disaster management (GDDM).

Recommendations later this year will cover:

- Data format for information exchange in System of Systems environment (Earth Observation, Navigation & Positioning, Telecommunication);
- Payload interfaces for launchers.

In the context of this work, an excellent network was developed by CEN/BT/WG 202, bringing together experts and organizations from the space and space-related sectors. The results presented in this document demonstrate how standardization can be a tool for the further development of innovative and future-oriented sectors such as space. For more information, contact [anna.vongroote@cen.eu](mailto:anna.vongroote@cen.eu).

## SKY HIGH QUALITY

If you think flying is a headache, imagine trying to coordinate an industry that literally spans the globe, with many lives at stake every minute of every day. Needless to say, it is an incredibly complex endeavour. The globalization of the aerospace industry and the resulting diversity of regional and national requirements and expectations provide further complications.



Aerospace quality management standards are based on the EN ISO 9001 series.

Fortunately, a new edition of the EN 9100 Aerospace series 'Quality management systems' has been adopted. The standard covers specific requirements for quality management systems for the aerospace and defence industries. This document standardizes the requirements of quality management systems to the greatest extent possible and it can be used at all levels of the supply chain by organizations around the world. Its use should result in improved quality, schedule and cost performance by the reduction or elimination of organization-unique requirements and wider application of good practice. It can thus be used wherever a quality management system is needed.

This standard has been revised to incorporate the requirements of the new edition of ISO 9001, published in 2008, on which it is based. In addition, industry requirements, definitions and notes have been revised and additional requirements have been included in response to stakeholder needs. For more information contact [anna.vongroote@cen.eu](mailto:anna.vongroote@cen.eu).

# World Standards Day 2009 'European Standardisation for the next decade'

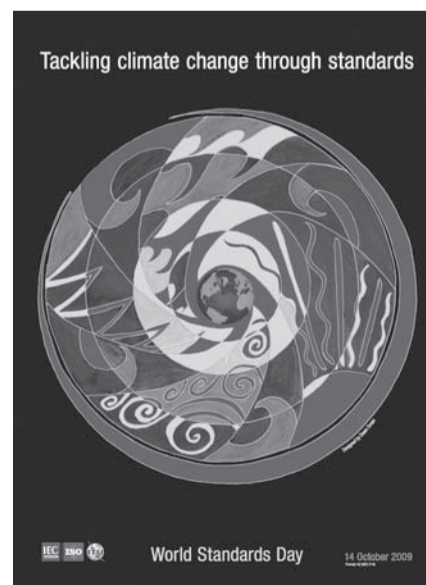
On 14 October 2009, the European Commission will hold its annual conference to mark World Standards Day. This year, the event will be devoted to the consideration of the draft report of the Expert Panel for the Review of the European Standardisation System (EXPRESS).

The conference will take place in Brussels and feature three panel debates on the key themes of EXPRESS: European standardization in the changing global context; the needs of competitiveness and public and societal demands; and moving towards 2020: changes in European standardization structures and capabilities.

This World Standards Day event will bring together high-level representatives of the standardization community, including public authorities, standardizers, industry and NGOs. Conference registration will be available online in early September.

For further information, visit [ec.europa.eu/enterprise/standards\\_policy/international/world\\_standards\\_day/wsd\\_2009\\_en.htm](http://ec.europa.eu/enterprise/standards_policy/international/world_standards_day/wsd_2009_en.htm).

World Standards Day will explore the recommendations of the EXPRESS Group



# Standards AHOY!

Tony Rice, International Council of Marine Industry Organizations (ICOMIA)



International safety standards for boating mean smoother sailing, no matter the weather.

Prior to the start of official small craft standardization in 1984, organizations had their own design rules. This led to the establishment of a Technical Committee in ISO, dedicated to setting a framework of international boatbuilding standards. Starting from 1994 when the Recreational Craft Directive (RCD) passed the

European Parliament, specific European Standards were required to provide the primary means of compliance to the RCD. Developed as ISO standards in the ISO/TC 188 'Small Craft' and published under the Vienna Agreement as EN ISO standards, CEN BT/WG 69 is responsible for the facilitation of the

transfer of ISO standards into European Standards (ENs).

The introduction of standards for the design and construction of motor and sailing yachts was necessary due to growing industry demand for an internationally recognized code

of building, new production methods enabling the use of lighter materials and a number of disasters due to the lack of safety rules. To this date the achievements of CEN/TC 188 include almost one hundred published standards and twenty are currently under review or amendment.

ISO/TC 188 through CEN BT/WG 69 is closely linked to the Recreational Craft Directive, but introducing an international recognized legislation benefits the wider boat manufacturing industry by removing the internal barriers to trade within the EU. One Declaration of Conformity opens the doors to the 30 CEN Member countries. It likewise sets the same requirements for all those builders in third countries who import boats to the EU. Being serial built industrial products most of the boats designed for an international clientele have to comply with several national and regional safety requirements. Increasing acceptance of the EN promoted ISO System as the safety benchmark by non-EU governments and other organizations is a welcome process. For more information, contact [thierry.legrand@cen.eu](mailto:thierry.legrand@cen.eu).

## NEWS IN BRIEF

### E-INVOICING & E-BILLING EVENT

On 21 and 22 September, the 5<sup>th</sup> European EXPP Summit will take place in Amsterdam, The Netherlands. The summit will provide participants with the skills necessary to implement e-Invoicing projects.

- Also included in the programme are:
- News on market trends, perspectives, standards and initiatives
  - What role can the Financial Supply Chain play in today's turbulent times?
  - Insights into pilot project of the European Commission on E-Invoicing and E-Ordering
  - What are the steps towards a banking model for E-Invoicing?
  - Global Shared Services strategy and the role of internal and external E-Invoicing

Success stories include the Government of Denmark, BT Global Services, EBA, Wärtsilä, GE Corporate, DFKI, Electronic Arts Europe, ING Wholesale Banking, Kuoni, UPM-Kymmene, Telenor, Belastingdienst Rivierenland. For registration and further information, please visit [www.expp-summit.com](http://www.expp-summit.com).

### RSS FEED

A customer survey carried out by the CEN Management Centre in January, identified the wish for users to receive notification of changes to the content of the Business Operation Support System (BOSS). To respond to this need, an RSS Feed has been installed on the 'landing' page of BOSS. This allows anyone who so wishes to subscribe and be kept informed of new activity on the BOSS.



Subscription is free of charge and easy to use – simply click on the RSS Feed logo and subscribe, after which you will be directed to a link 'Learn more about feeds' giving further information on how to ensure that you receive an email message when there are changes. For more info, contact [joelle.colaers@cen.eu](mailto:joelle.colaers@cen.eu).

### 1<sup>ST</sup> INNOVATION SUMMIT AT THE EU PARLIAMENT

The three European Standards Organizations, CEN, CENELEC and ETSI) will participate in the Summit as a 'Partner', which will include

involvement in discussion panels, as well as an exhibition stand in the European Parliament. This event runs from Monday 12 October to Friday 16 October 2009. More information at [www.knowledge4innovation.eu](http://www.knowledge4innovation.eu).

### CEN STANDARDS DAYS

The next edition of CEN StandarDays will take place on 27 and 28 October. CEN StandarDays is a two-day information session on European standardization. It consists of an introductory plenary meeting, which explains the different aspects and tasks of CEN (day 1) and interactive, in-depth workshops that provide further clarification and explanations (day 2). For more information see [www.cen.eu](http://www.cen.eu) or contact [media@cen.eu](mailto:media@cen.eu).

### PERFORMING UNDER PRESSURE

Industrial pressure vessels holding potentially dangerous fluids are covered by the EN 13445:2002 series of standards which has recently been updated to reflect the state of the art

in this industry. The term 'pressure vessel' means housing of pressurized fuel and its direct attachments up to the coupling point connecting it to other equipment, designed and built to contain fluids (gas, liquid and vapour in their pure phase as well as mixtures thereof) under pressure.

The updated and revised standard – EN 13445:2009 – became available in July 2009. It specifies the requirements for design, construction, inspection and testing of unfired pressure vessels and defines terms, definitions and symbols applicable to unfired pressure vessels. For more information contact [mathieu.denis@cen.eu](mailto:mathieu.denis@cen.eu).

### SMES AND STANDARDS CONFERENCE

Save the Date: On 19 November a conference will be held at the CEN-CENELEC Meeting Centre to promote the importance of SME participation in standards. For more information and registration, go to [www.smest.eu](http://www.smest.eu).