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For information

Eco-design Coordination Group

CEN/CENELEC ECO-CG

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Draft Minutes

Meeting held on 2017-06-13

Chairman : Martial PATRA

Items	Action	N° document
1. Opening of the meeting		
1.1 roll call of participants		
1.2 adoption of the agenda	decision	N 188
Strategic coordination		
2. Understanding and information on the regulatory process		

2.1 EC Regulatory process : latest developments on
• Revision of Energy Labelling Directive (2010/30/EU)
  • Product Registration Database Consultation Forum sub-groups: nomination of CEN/CENELEC representatives
• Presentation of the new process and overview of the future implementing measures
• Working Plan 2016-2019
• Study on the feasibility of using "points system" methods for Complex products & Systems in the implementation of the Ecodesign Directive
  • Feedback of the 2nd stakeholders meeting (March)
	decision
	
	information
		
		N 187

2.2 Future Standardization requests • Overview • Should a standardization request include parameters, equipment not covered in the related regulation?	information discussion	N 187
Strategic and technical coordination		
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• Validation of new FAQ • n°33 – Inclusion of verification tolerances in standards ? • Any new questions ?	discussion	N 186 N 191
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4. Eco-CG sub-groups (Task Forces)		
4.1 TF1 Terminology • Activities/purpose versus CEN/CENELEC TC 10/WG 1	information	
4.2 TF2 Tolerances and uncertainties • Adoption of the recommendations for establishing verification tolerance considering measurement uncertainty • Other tasks	decision	N 185
4.3 TF3 Coordination/Harmonisation of EPBD/ErP	information	
5. CEN/CENELEC JTC 10 *Material Efficiency Aspects for Ecodesign*		
• Workprogramme	information	N 184
6. CEN/TC 295/WG 6 *Residential solid fuel burning appliances*		
• Draft Guidelines on regulations n° 2015/1185, 2015/1188, 2015/1186	information	N 189

Items	Action	N° document
○ General statements on specific comments done by CEN/TC 295/WG 6		
7. Development of test methodologies that are representative of real-life behavior of products		
• Statement of CLC/TC 59X *Performance of household and similar electrical appliances* ○ Example : the Dyson versus European case (judgment, ECOS perspective)	information	
8. Any other business		
• Energy performance buildings center	information	
9. Date of the next meetings		

1 Opening of the meeting and adoption of the agenda

doc Eco-CG N 190

Eco-CG Chairman welcomed all attendees, thanked CCMC for the facility and all participants for participation in Eco-CG work.

2 Understanding and information on the regulatory process

2.1 EC Regulatory process : latest developments

- **Revision of Energy Labelling Directive (2010/30/EU) - Product Registration Database**

The European Parliament and the Council reached a political agreement on a revised Energy Labelling Framework Regulation on 21 March 2017. While the inter-institutional decision making process will still take a few more months to be finalized, it is now clear that the Commission will have to establish a product registration database by 1 January 2019 at the latest.

For this purpose, the Commission is establishing an Ecodesign Consultation Forum sub-group (ECF-SG) on Product Registration Database for Energy Labelling structured in three discussion platforms, as follows:

- Suppliers: focusing on aspects related to data import, validation, and technical documentation;
- Compliance: focusing on aspects of market surveillance, technical documentation, and the link with the existing ICSMS; and
- Public: focusing on aspects of accessibility and usability of data by the dealers and the general public.

The IT team will be responsible for managing the development of the software; The digit Services will support on hardware and network purpose. Also, security access for data protection should be considered.

Following a call for expressions of interest among the members of the Eco-CG, five applications were received. The European commission, however, has informed Eco-CG that only two representatives per organization can be nominated.

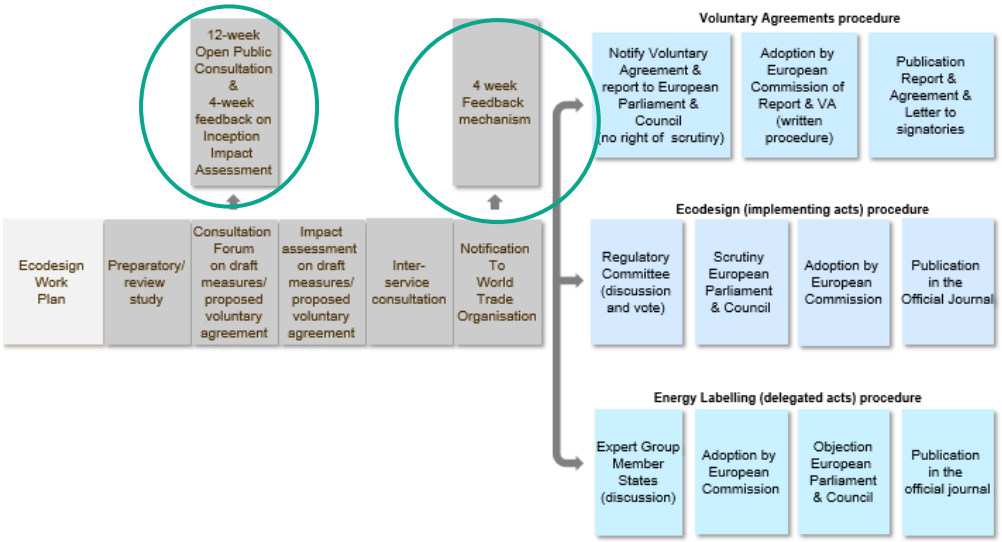
Conclusion: it was decided to nominate one representative from CEN and one representative from CENELEC.

- Wilfried Linke, the Convenor of three Working Groups in CEN/TC 57 ‘Central heating boilers’
- Gerhard Fuchs, the Secretary of CLC/TC 59X ‘Performance of household and similar electrical appliances’.

- **Presentation of the new process and overview of the future implementing measures**

doc Eco-CG N 187

The developing ecodesign/energy labelling measures process has been updated in alignment with the Tool Better Regulation principles. 2 steps have been added. ENTR Lot 9 (entreprise server) will test first this new process.



The table gives a summary overview of the progress of regulatory projects and requests for standardization on behalf of the European Commission (EC).
Some products of the EC work plan "2016-2019", published on 30 November 2016 (COM (2016) 773), are already listed such as: building automation control systems, refrigerated containers, electric kettles, high pressure cleaners.

- **Study on the feasibility of using “points system" methods for Complex products & Systems in the implementation of the Ecodesign Directive**

To refer to the second stakeholders meeting

Background
In spring 2016, DG GROW launched the project entitled Technical assistance study for the assessment of the feasibility of using "points system" methods in the implementation of Ecodesign Directive (2009/125/EC), which aims to evaluate and derive a "points system" methodology that could be applied to the development of Ecodesign requirements for complex products and/or product systems.

To be able to fulfil the specific objectives of the project, the methodology is structured into five tasks as follows:

- Task 1 - Stakeholder consultation, including the compilation of a stakeholder list and a stakeholder survey.
- Task 2 - Review of state-of-the-art methods, in which all relevant existing methodologies will be catalogued and reviewed, followed by a comparative analysis.
- Task 3 - Method development, which entails the derivation of a prospective method for establishing Ecodesign requirements for complex products. This is to be derived from consideration of at least: a) the fit with MEErP, b) the fit with the provisions of the Ecodesign Directive, c) suitability for addressing energy-related and resource efficiency aspects, d) modular build on existing Ecodesign implementing measures, e) measurability via standards.
- Task 4 - Case studies, where at least two product groups will be evaluated using the method proposed in Task 3. The Task 3 method may be iteratively revised and applied, as appropriate.
- Task 5 – Reporting

Today
For Task 3, data storage devices and machine tools have been chosen as case studies because they are typical complex products.

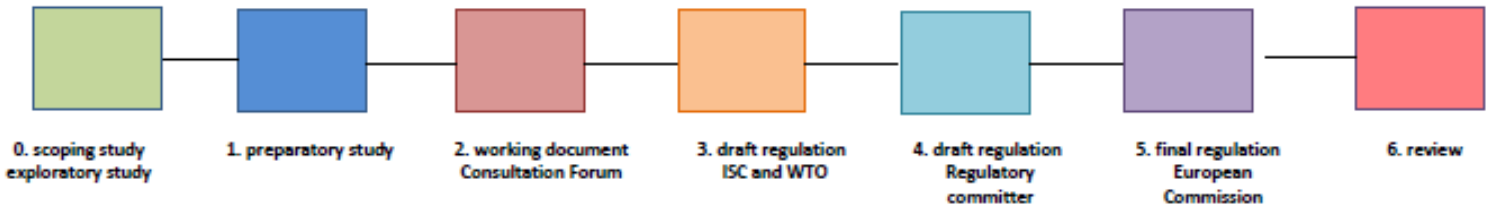
Based on the findings of these case studies (Task 4 reports) and the stakeholder comments, the methodology proposed in Task 3 has been revisited during the 2nd stakeholders meeting in Brussels on 10 March 2017.
The possible options have been selected:

- To test real machine tools to examine the feasibility of the points system approach, as postulated;
- To do analyses regarding the effects of duty cycles on the overall considerations regarding machine tools;
- For data storage devices: to check the technical weightings on the percentages used in Energy performance tests;
- Further work on uncertainty and error propagation should be considered.

Conclusion: As it seems difficult to reach an agreement on this method, as a first step, it would probably be used for the Voluntary agreement. Finally, it could also be envisaged to introduce the material efficiency aspect in the “points system" method, in order to consider quantitative or qualitative parameters.

2.2 Overview of the future implementing measures

- **Overview**



The document Eco-CG N 187 gives a summary overview of requests for standardization on behalf of the European Commission.
In the future, it is planned to synchronize the development of standardization requests with regulations. The goal is to present the 2 drafts together to all stakeholders during the Consultation Forum.

- Should a standardization request include parameters, equipment not covered in the related regulation?

Standards developed on basis of a standardization request are deemed to fulfil the essential requirements of the related regulation. Therefore, it is expected that a standardization request should only include parameters and equipment covered in the related regulation.
The European commission representatives explained that the inclusion of new parameters or new equipment could anticipate the future developments of regulation.

With regards to the standardization request for Regulation (EU) No 2016/2281 (ENER lot 21), the situation is different. The taking up of additional parameters has been asked by a stakeholders during the Consultation of the Ecodesign Consultation Forum.
The Commission is currently investigating the possibility to take up these parameters, which are not included in the Regulation, in the request for standardization.

Conclusion: the reasoning behind the inclusion of the additional parameters should be forwarded to the newly founded Standardization Request Ad-hoc group (SRAHG – ENER Lot 21).

Reminder : The SRAHG – ENER Lot 21 group was set up by CEN-CENELEC in order to improve cooperation with the European Commission and to reduce the likelihood of rejection of the mandates

3. Frequent Asked Questions (FAQ)

Following the last Eco-CG meeting in November 2016, 1 questions/answer have been drafted by the Chairman Advisory Group.

- n°33 – Shall verification tolerances intended for the verification procedure for market surveillance be included in the standards?

docs Eco-CG N 186, Eco-CG N 191

The European Commission found that some harmonized standards included requirements on the verification procedures already contained in the Regulation. It therefore seems necessary to recall the rules, confirming that the standards may contain only measurement uncertainties.
France challenged the answer provided by the CAG. Some discussions occur on the possible need to have some clarification in standards related to Verification Tolerance. For instance, it is considered how to deal with the recorded data or for the rounding of measured values in order all national surveillance authorities could consider them in the same way, or to give additional information to help with a regulation itself when considered not precise enough related to measurement process. Interpretation of the regulation within the standard (for instance in a dedicated annex) could be considered.

CONCLUSION: Question n°33 will be reviewed by the Task Force 2.

4. Eco-CG sub-groups (Task Forces)

4.1 TF1 Terminology

Jean-Luc Detrez

To refer to the PowerPoint presentation

Activities of TF 1 and the CEN/CLC JTC 10/WG 1 are presented.

For TF1, the goal is to prepare and to update a collection of standards definitions and regulatory definitions grouped in a compendium.
CEN-CLC/TC 10/WG 1 is in charge of delivering definitions related to material efficiency and a guide on how to use generic material efficiency standards when writing product specific standardization deliverables.
The purpose is to solve conflicting issues from in definitions across the 10 deliverables to be drafted by TC 10/WGs.

4.2 TF2 Tolerances and uncertainties

Rainer Stamminger

To refer to the PowerPoint presentation

- Application of measurement uncertainty in setting verification tolerances

doc Eco-CG N 185

The goal of this guide is to inform how measurement uncertainty impacts on the verification process of the ecodesign and energy labelling schemes and how it can be used to determine reasonable tolerances.
Comments from CEN CENELEC Eco-CG have been collected (see doc. 181), studied and a revised document has been prepared by the TF 2 with consideration of the content received

Conclusion: these recommendations are adopted by CEN/CENELEC Eco-CG.

- Define 'best practice' for the verification procedure for official conformity assessment (for Market surveillance)

TF2 will wait for the completion of the guidelines drafted by CLC/TC 59X to work on.

- Promotion and training of standardisation bodies in the assessment of measurement uncertainties

A webinar was organised on 2016-11-25.

- To promote the importance of measurement uncertainties in defining verification tolerances and verification procedure

A paper will be presented at the the EEDAL (International Conference on Energy Efficiency in Domestic Appliances and Lighting) 2017 conference.

- Other work

- Regulation (EU) n°2016/2282 on the use of tolerances in verification procedure has been released on 2016-12-20. TF 2 recommended reading the interpretation paper (doc Eco-CG N 193) written by Hans-Paul Siderius (Netherlands Enterprise Agency).

- "anti-circumvention" activities

Conclusion: the concept of "anti-circumvention" will be presented at the next Eco-CG meeting. Then, the choice of the structure hosting this item will be taken.

- Harmonisation of symbols used in standards and regulations

The compendium of TF 1 contains also the symbols.

4.3 TF 3 Coordination/Harmonization of EPBD/ErP

No report.
See 8 on the EPB center.

5. CEN-CENELEC TC 10 'Energy-related products - Material Efficiency Aspects for Ecodesign'

To refer to the PowerPoint presentation

doc Eco-CG N 184

The Technical Boards of CEN and CENELEC established a joint technical body to prepare standards that cover both electrotechnical and non-electrotechnical matters. Initially, this was a joint Working Group. In application of new rules of CEN and CENELEC related to Joint structures, the group was converted into the CEN-CENELEC Joint Technical Committee 10 (CEN-CLC/TC 10).

In accordance with the SReq M/543, an annual report has been prepared by the CEN-CLC/TC 10 and discussed during the last TC 10/WG 7 Chairman Advisory Group (CAG) meeting. This first TC 10 Annual Report should be circulated to the EU Commission mid of June. It includes:

1) Information on TC 10 structure and process of work,
2) A revised TC 10 Work Programme with explanation for comparing it with the initial JWG 10 Work Programme,
3) A summary of ongoing work in progress for all deliverables covered by TC 10.

6 Working Groups have been set up:

- WG 1 'Terminology'
- WG 2 'Durability'
- WG 3 'Upgradability, Ability to repair, Facilitate Re-Use, Use or re-used components'
- WG 4 'Ability to re-manufacture'
- WG 5 'Recyclability, recoverability, RRR index, Recycling, Use of recycled materials'
- WG 6 'Documentation and/or marking regarding information relating to material efficiency of the product'

It is the intention of CEN-CENELEC/TC10 to meet the schedule indicated in M/543. As it is unusual for such a large number of deliverables to be processed at the same time, there could be unforeseen delays caused by, for example, significant comments.

6 CEN/TC 295/WG 6, Residential solid fuel burning appliances

doc Eco-CG N 189

The guidelines on « regulations n° 2015/1185, 2015/1188, 2015/1186" is under drafting. They intended to be used only for facilitating the implementation of these Regulations.

CEN/TC 295/WG 6 got questions in conjunction with the energy efficiency label of Regulation (EU) 2015/1186. They have been sent to European commission.
It was noticed that some of them are general.

Conclusion: CAG will study the document N 189 and prepare some generic FAQ.

7 Development of test methodologies that are representative of real-life behavior of products - the Dyson versus European case

Gerhard Fuchs

To refer to the PowerPoint presentation

Background

In 2015, Dyson launched a procedure legal proceeding addressed to the General Court of Justice of the European *Union*. Dyson argued that the test method given in the regulation n°665/2013 discriminated against bagless vacuum cleaners. Dyson appealed to the higher European Court of Justice. On 11th of May 2017, the European Court of Justice found that the General Court had both "manifestly distorted" and ignored Dyson's evidence on the key question of whether there are accepted, reproducible industry tests for a loaded receptacle.
A second judgment of the General Court is expected for 2018.

Today

This case highlights the long-standing shortcomings of test methods that must be addressed. Test methodologies shall be representative of real-life behavior of consumers and products as much as possible.

See point 68 of the judgement
"In the light of the forgoing, the Commission was thus obliged, in order not to disregard an essential element of Directive 2010/30, to adopt in the regulation at issue a method of calculation which makes it possible to measure the energy performance of vacuum cleaners in conditions as close as possible to actual conditions of use, requiring the vacuum cleaner's receptacle to be filled to a certain level, having regard nevertheless to the requirements concerning the scientific validity of the results obtained and to the accuracy of the information supplied to consumers, as mentioned in particular in recital 5 and Article 5(b) of the directive."

8 Energy performance buildings center

Jaap Hogeling

To refer to the PowerPoint presentation

The construction sector has great potential to reduce the greenhouse gas emissions, in line with the climate targets as set out in the Paris climate conference (COP21) in December 2015. Clear and consistent policy targets play an important role in driving innovation in the construction sector.
During the past 5 years, a high number of experts from many countries worked closely together to develop a coherent set of standardized methods to determine the energy performance of a building (EPB).
The set of standards and accompanying technical reports on the energy performance of buildings (set of EPB standards) have been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association (Mandate M/480), to support the EPBD.

This set enables the calculation and inspection of the overall energy performance level of a building or building design. As such, this set of methods is a key instrument to set and evaluate the national and international policy targets.
The set of EPB standards takes into account the impact of thermal insulation, air tightness, passive and active solar energy and daylighting, heating, ventilation, cooling, hot water and lighting systems.
Additionally the set of EPB standards includes the effect of control and automation equipment and the dynamic climatic conditions and user patterns.
This is called a "holistic" or "systemic" approach and is now available as CEN (European) standards and partly also already at global level (ISO). Altogether, this is known as "the set of EPB standards". On the global level it is emerging as the ISO 52000 series.

The EPB Center activities are to plan, coordinate and guide the process of promoting the implementation and use, maintenance and further development of the set of EPB standards and safeguard the coherence of their technical content. Continued coordination is essential as the maintenance and further development of the individual EPB standards is carried out by the various individual Technical Committees of both CEN and ISO.

Other activities which can be done if the desired amount of sponsors is met are, for instance: linking the EPB standards with ECODESIGN, supporting implementation of EPBD in national legal frameworks, codes and building traditions and implementing the EPB standards in the ISO set of standards.

9 Date of the next meetings

The next meetings will be held in the new premises of CCMC at Rue de la Science 21-23, Brussels on

- 27 November 2017
- 20 June 2018

Meeting Eco-CG Plenary Meeting
on June 13rd, 2016

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