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**Standardisation Package**

**COMMISSION STAFF WORKING DOCUMENT**

**on the implementation of the actions foreseen in the 2016 Union work programme for European standardisation, including the implementing acts and mandates sent to the European standardisation organisations**

*Accompanying the document*

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL AND THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE**

**The Annual Union work programme for European standardisation for 2017**

{COM(2016) 357 final}

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## New actions

Nr	Legal basis	Objective	Type of action	Commission's priorities	Launch of process in the Commission	Deadline for delivery by the standardisers
1	Communication COM(2015) 192 final "A Digital Single Market Strategy for Europe, COM(2007) 496 "e-Skills for the 21st Century: Fostering Competitiveness, Growth and Jobs"	The European e-Competence Framework ( <a href="http://www.ecompetences.eu/">http://www.ecompetences.eu/</a> ) for IT professionals is a European standard. Now CEN should work on the development of a comprehensive European framework for the ICT profession.	Development of standards	2. A Connected Digital Single Market	Q1 2017	End of 2020
2	<p>- Regulation (EU) No 165/2014 of the European Parliament and of the Council of 4 February 2014 on tachographs in road transport</p> <p>- Directive (EU) No 2015/719 of the European Parliament and of the Council of 29 April 2015 amending Council Directive 96/53/EC on weights and dimensions</p>	In order to implement new Regulation (EU) No 165/2014 and revised Directive 96/53/EC on Digital Tachographs and on Weights and Dimensions an additional standard on DSRC is needed to allow the transmission of data via DSRC from a fix weigh in motion (WIM) station to a moving vehicle equipped with a smart tachograph	Development of standards	2. A Connected Digital Single Market	Q1 2017	End of 2021

3	Directive 2010/65/EU on National Single Windows	The Commission is evaluating the need for standardisation with the industry and other stakeholders in the framework of the Forum on Digital Transport and Logistics that was launched in Summer 2015.	Development of standards	2. A Connected Digital Single Market	Q4 2017	End of 2020
4	Communication from the Commission / Nuclear Illustrative Programme / presented under Article 40 of the Euratom Treaty for the opinion of the European Economic and Social Committee	Enabling harmonisation of licensing process and industrial standards for EU nuclear infrastructures development throughout their lifetime (construction, operation, decommissioning, waste management).	Development of standards / development of harmonised standards	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy 4. A Deeper and Fairer Internal market with a Strengthened Industrial Base and 1. A New Boost for Jobs, Growth and Investment	Q4 2017	End of 2020

5	<p>COM(2011)885 on Energy Roadmap 2050 COM(2013) 169 on A 2030 framework for climate and energy policies. DIRECTIVE 2009/73/EC concerning common rules for the internal market in natural gas DIRECTIVE 2009/142/EC relating to appliances burning gaseous fuels Regulation (EC) No 715/2009 on conditions for access to natural gas transmission networks Commission Implementing Decision EU 2015/1960 on the establishment of the annual priority lists for 2016 for the development of network codes and guidelines</p>	<p>Increase of renewable energies in the power mix contributes to energy security and reduction of greenhouse gas emissions. Injection of renewable electrolytic hydrogen into the NG grid allows to exploit the huge storage capacity of the NG grid and to link the gas and power grids, enhancing energy security, and to decarbonise the transport, heat and industrial sectors. To enable this, new and/or updated European standards on interoperability between grids, on safe admixture of hydrogen to the NG grid, on gas quality and on compatibility with end-use appliances are needed. standardisation aspects of electrolysers for grid balancing standardisation aspects of hydrogen admixture to natural gas grid: safety, gas quality, ... standardisation aspects related to gas-fuelled appliances</p>	Development of standards	3. A Resilient Energy Union with with a forward-looking climate change policy	Q1 2017	End of 2020
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6	Construction Products Regulation (EU) 305/2011	The development of assessment methods for regulated dangerous substances and the emission of radiation must be finalised and the new assessment methods should be gradually introduced in product standards.	Robustness testing phase II for 2016/2017	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End 2017
7	Regulation (EU) 305/2011, in conjunction with Drinking Water Directive 98/83/EC, and and related to Regulation (EC) No 1935/2004 including Regulation 10/2011	Construction products Regulation (EU) 305/2011 and Drinking Water Directive 98/83/EC do not set out limits for the transfer of substances that are components of materials to drinking water they are in contact with (only exist for food in contact with materials). Hygienic and safety requirements and test methods for construction products in contact with water intended for human consumption have been developed in a rudimentary way by TC164, but further specific standardisation work on hygiene and safety for products and materials in contact with drinking water is urgently needed. A replacement of mandate to CEN M/136rev2 concerning the execution of standardisation work for harmonised standards on construction products in contact with water intended for human consumption is ongoing.	Amending harmonised product standards on products and materials in contact with drinking water. The Commission is gathering data and information for replacing M/136	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2018

8	Construction Products Regulation (EU) 305/2011	<p>The development of certain new product standards, e.g. for innovative products and the amendment of existing standards necessary for the implementation of Regulation (EU) 305/2011 should be completed. Certain regulated aspects, e.g. accessibility of construction works, sustainable use of natural resources must be included in harmonised European product standards.</p>	<p>Development of harmonised standards and introduction of thresholds/classes of performance in new and revised harmonised standards on construction products. Development of assessment methods related to essential characteristics of the product performance related to Basic Requirements on Construction Works under the CPR.</p>	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2019
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9	Regulation (EU) No 10/2011	Under Article 19 of Regulation (EU) No 10/2011 the risk of unlisted substances shall be assessed in accordance with internationally recognised scientific principles on risk assessment. It is not clear to business operators and to competent authorities which principles are meant as these are nowhere defined. This leads to differences in requirements and burden. This is problematic to the internal market and trade. Therefore these should be laid down in a standard.	Development of Harmonised Standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2020
10	Directive 94/62/EC on Packaging and Packaging Waste (reference to the interinstitutional file: 2013/0371 (COD) Circular economy (Plastic Strategy, Marine litter)	Development of plastic biodegradability standards (including marine biodegradability; and compostability/biodegradability field tests)	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2020
11	Directive 2008/57/EC	Close open points of the rail Technical Specifications for Interoperability namely in the field of interior passive safety.	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2021
12	Directive 2008/57/EC	Simplification of the methodology for the calculation of the free passage of the pantograph (mechanical kinematic pantograph gauge) to facilitate the assessment of the acceptance of pantograph heads in overhead contact lines (revision of EN 50367).	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2021



13	Regulation (EC) No 216/2008 on common rules in the field of civil aviation	Triggered by several accidents and incidents, the following products/procedures are to be addressed in standards: weather information products provided to pilots including applications in the cockpit based on different sources, Runway Overrun Awareness Alerting systems, On board Weight and Balance systems	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q3 2017	End of 2020
14	Circular economy action plan (COM (2015) 614/2 final) - closing the loop - An EU action plan for the Circular Economy	Development of European performance and descriptive Standards and other standardisation deliverables as interim outputs for sustainable chemicals based on various secondary raw materials including biomass, plastic recycling, bio-nutrient recycling, re-use of gaseous effluents, etc.. This work would include: 1) <b>Quality and type of secondary raw materials</b> (biodegradability, compostability, hazardous chemicals content, bio-based (carbon) content, calorific value, molecular structure enabling integrated biorefinery use, prioritisation in relation with the Raw Material Initiative, segregation at source, collection, sorting, purity of materials including organic matter, etc.) 2) <b>Processing of secondary raw materials</b> (including Best Available Techniques, indicators on GHG emissions, processing sustainability criteria, resource efficient use of energy and materials, etc.) 3) <b>Quality and technical performance of the sustainable chemicals produced from secondary raw materials.</b> 4) <b>Pre-and co-normative research</b>	Development of EN standards and/or other standardisation deliverables for sustainable chemicals manufactured from secondary raw materials.	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q1 2017	End of 2020

15	Communication (2013) 542: Towards a more competitive and efficient defence and security sector. Also a Communication: European defence Action Plan - planned for the end of 2016.	To consider requests for standards in the defence field following the establishment of the new mechanism to identify the need for defence standards proposed in the Communication.	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	Q4 2017	End of 2020
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## State of play of action included in the annual Union work programme for European standardisation for 2016

Item	Legal basis	Objective	Type of action	Status
1.	Procedure 2012/0340/COD	<p>The current European standard EN 301 549 was adopted under mandate M376 from the Commission. Parts of the standard refer to Web accessibility. After the adoption of the Directive on accessibility of public sector bodies' web sites (currently under discussion by the European Parliament and the Council) a follow up is necessary to establish harmonized standards for the presumption of conformity for the accessibility requirements set out in the Directive. That follow up should be coherent with the ongoing revision process.</p>	Development of Harmonised Standards	<p>The proposal for a Directive on accessibility of public sector bodies' web sites (COM (2012) 721) is currently under discussion by the European Parliament and the Council. Implementation of the scheduled action by end of 2016</p> <p>There is a revision on-going of on the current version of the EN 301 549 to improve certain accessibility aspects and improve alignment with other existing international standards.</p>
2.	Regulation (EU) No 1007/2011 and Commission Report to the EP and the Council COM(2013) 656 final	<p>The present labelling and marking schemes rely on physical labels. With the uptake of eCommerce and online retailing, traditional labelling is becoming less effective to convey information to consumers. It is expected that eLabelling will also facilitate demonstrating and verifying eCompliance with regulatory requirements, while keeping labelling costs at affordable levels, in particular to SMEs</p>	Development of standards in the field of electronic labelling of finished textile products	Under discussion

3.	Directive 2011/24/EU on the application of patients' rights in cross-border healthcare	<p>Directive on patients' rights in cross-border healthcare established the eHealth Network (eHN) of representatives of national authorities responsible for eHealth. Its objective is to work towards delivering sustainable economic and social benefits of European eHealth systems and services, and in particular to promote their interoperability. The new joint action on eHealth, liaising with Standardisation Organisations and other relevant stakeholders, will support the eHealth Network in taking policy decisions on standardisation initiative in the eHealth sector to boost interoperability, in line with the Work Plan 2015-1018 of the eHealth Network. In particular, it will explore the option of starting a standardisation process of specific elements of the guidelines adopted by the eHealth Network as well as of other cross-border eHealth services, such as interoperability aspects of telemedicine. In this regards, the Commission will support member states co-operation on interoperability by further developing and validating specifications and components and also through standardisation mandates if necessary. In addition a special effort should be dedicated to interoperability and harmonised coding of clinical databases, screening databases, genetic databases, cancer registries and, more in general, of all health-related databases (in the medium term to make it possible to interface health data with <i>e.g.</i> environmental, food safety, safety at work data</p>	Development of Technical Specifications and/or Standards	Under discussion
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4.	COM(2012) 736 eHealth Action Plan 2012-2020 - Innovative healthcare for the 21st century Directive 2011/24/EU on the application of patients' rights in cross-border healthcare	Creation of the International Patient Summary: The objective of this action is to participate in the standardisation of the International Patient Summary and ensure an European presence in the development of this standard. This work is performed under the auspices of the Transatlantic Economic Council and is formalised in the EU-US eHealth/Health IT Memorandum of Understanding, its roadmap and annex. Standardisation activity should take into consideration the patient summary guidelines endorsed by the eHealth Network.	Development of Technical Specifications and/or Standards	Under discussion
5.	COM(2012) 736 eHealth Action Plan 2012-2020 - Innovative healthcare for the 21st century Directive 2011/24/EU on the application of patients' rights in cross-border healthcare	Creation of an European standard on quality criteria for the development of health and wellness apps. In order to enhance the quality of health and wellness apps, the Commission has proposed in the 2016 Rolling Plan for ICT standardisation a standard on quality criteria for the development of health and wellness apps (e.g. functionality, usability, reliability). The standard could be based on the publicly available specification PAS:277 recently published by the British Standards Institution (BSI) and would provide guidance to app developers by setting out principles to follow throughout the app development life cycle, including testing, maintenance and risk management.	Development of Technical Specifications and/or Standards	Under discussion

6.	Priorities of EU space strategy (COM(2011)152)	<p>Standardization of location authentication based on the Commercial Service and the Open Service of Galileo.</p> <p>Development of performance standards and associated test procedures to standardise the location authentication. The activities will upgrade the interfaces between elements in the chain, in particular from the GNSS signals to the final location services. The work may address standardization groups such as OMA, 3GPP, CEN/CENELEC, ETSI, IMO.</p>	Development of standards	Under discussion
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7.	<p>Communications 2009 (538), (2010) 584 and 2014 (451) on the development of a Common Information Sharing Environment for the EU maritime domain, joint Communication form the COM and the High Representative of 6 March 2014 (2014)9 providing elements for a European Union maritime security strategy, European Union Maritime Security Strategy (EUMSS) adopted by the Council on 24th June 2014, EUMSS action plan adopted by the Council on 16th December 2014.</p>	<p>The Common Information Sharing Environment for the surveillance of the EU maritime domain (maritime CISE) action seeks to enhance automatic information sharing between the national authorities involved in maritime surveillance, including defence. The development of standards enabling national systems to become interoperable is instrumental to promote and ease cross-sector and cross-border information sharing.</p>	<p>Development of harmonised standards</p>	<p>The launch of the action, foreseen for the 2nd quarter of 2016, will have to be postponed of approximately 10 months due to the unexpected delay suffered by the MS-led preparatory project called 'EUCISE 2020' funded under FP7. The aim of EUCISE 2020 is to set-up and test a prototype solution for decentralised information exchange among national legacy systems used for maritime surveillance, and to deliver refined recommendations on standardisation needs for ICT interoperability standards. Shift this action in the 2017 UWP with the following timelines:  - Launch of the process in the Commission: 1st quarter of 2017  - Deadline for delivery by the standardisers: end of 2019.</p>
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8.	Priorities of EU space strategy (COM(2011)152)	Standardization activities for the Galileo Timing Service and the Galileo Search and Rescue Return Link Service. These standardization activities will address the standardisation of user receiver components including receiver chip, calibration of location timing receivers and processing of GNSS signals to obtain precise timing products. The actions will develop performance standards to standardise timing services provision and will investigate the use of the RLS for remote beacon activation of ELT in aircraft	Development of standards	Under discussion
9.	Towards a competitive and resource-efficient transport system' (COM (2011) 144 final of 28 March 2011	Objective is to facilitate the flow, access and use of information in transport, in order to enhance efficiency and reduce costs of transport operations	In this framework, the Commission may request standardisation activities.	Under discussion, considering the Commission Decision C(2015)2259 setting up an Expert Group on Digital Transport and Logistics; Communication



10.	Directive 2010/40/EU ("ITS Directive")	The Commission is considering issuing a standardisation request with respect to access to in-vehicle data. This will be developed within the framework of the Cooperative ITS initiative (platform, working group, master plan)	Technical reports / technical specifications / standards	C(2016) 808 final -M/546 COMMISSION IMPLEMENTING DECISION of 12.2.2016 on a standardisation request to the European standardisation organisations as regards Intelligent Transport Systems (ITS) in urban areas in support of Directive 2010/40/EU of the European Parliament and of the Council of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport
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11.	Ecodesign/Energy Labelling Directive	Further standardisation requests in support of Commission Regulations implementing the Ecodesign Directive (e.g. televisions, smart appliances, machine tools and welding equipment) will be issued as individual mandates.	Development of harmonised standards	A standardisation request on welding equipment (listed as new action in 2015) in support of a possible Ecodesign Regulation has been prepared in 2015 and is ready for adoption in April 2016. DG ENER for the other products mentioned. Deadline for delivery by standardisers: Q3 2018
12.	Ecodesign/Energy Labelling Directive	Where the Commission considers it likely that new measures (i.e. Commission Regulations or Commission Delegated Regulations) on Ecodesign and/or Energy Labelling will be proposed for products under the Ecodesign Working Plan 2012-14, new standardisation requests in these fields could be issued.	Development of harmonised standards	No further standardisation requests are foreseen.
13.	Ecodesign/Energy Labelling Directive	Standardisation requests in support of new Commission Regulations implementing the Ecodesign/Energy Labelling Directive on the taps and showers products will be issued as individual mandates.	Development of standards	Under discussion

14.	<p>Communication on Green Infrastructure COM (2013)249, , COM (2013)216 on adaptation to climate change and referring to COM (2014)445 on resource efficiency opportunities in the building sector.</p>	<p>The Commission is currently initiating a research and innovation policy agenda to further develop and upscale the use of nature-based solutions and to promote the market for them in Europe and worldwide– including Green Infrastructure elements and adaptation measures. This refers as well to the sustainable construction of buildings (such as with green roofs and walls). The development of protocols for functional or performance based specifications and measurement and testing methodologies, leading eventually to standardisation, would help the assessment of the cost-effectiveness of nature-based solutions in economic, social and environmental terms, support public procurement of such solutions and overall stimulate the market for them. In addition to the above mentioned activities under Horizon 2020, a dedicated feasibility study is needed to involve relevant stakeholders to scan the area on this particular subject, based on and complementing actions towards standardisation prepared by other services.</p>	<p>Development of standards</p>	<p>The Communication COM(2013)249 on the strategy on Green Infrastructure identifies standards as possibly contributing to 'growing the market' for Green Infrastructure solutions. The Commission will assess how technical standards, particularly in relation to physical building blocks and procedures, could increase the deployment of Green Infrastructure. Green Infrastructure-related standards are due to start in 2016 and deliver by 2020. We expect that 2017 will be a standard year of continued implementation.</p>
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15.	Regulation (EU) No 517/2014	An external consultant has been carrying out for DG CLIMA a survey in Member States to find out where the obstacles and gaps are as regards standards to enabling a broader uptake of alternative, climate-friendly technologies. Results were discussed with stakeholders (Consultation Forum) and are available in 4th quarter 2015. These results will be the basis for drafting a mandate to European standardization organisations.	Development of (harmonised) standards	The external study and the consultation of stakeholders were concluded as foreseen and the preparation of a mandate is in progress.
16.	Industrial Emissions Directive (IED)2010/75/EU	The Minamata Convention regulates i.e. emissions of mercury from industrial processes at a global level. Under the Industrial Emissions Directive there is an obligation to monitor mercury emissions from relevant sources, in particular coal fired power plants and waste incineration plants. Some Member States are applying more frequent emission monitoring at the most relevant sources. There is a need for a reliable and practical standardised method allowing both short term and long term mercury emission monitoring. Such a method could be based on the existing US EPA standard. Activity taking place in the context of the Global Earth Observation (GEO) initiative, Task: "HE-02-C1: Global Mercury Observation System" <a href="https://www.earthobservations.org/ts.php?id=171">https://www.earthobservations.org/ts.php?id=171</a> and the FP7 funded project "Global mercury Observation System – GMOS" <a href="http://www.gmos.eu/">http://www.gmos.eu/</a> that should be taken into account when the new standards will take place.	Development of standard method for determining total gaseous mercury using sorbent traps for periodic and long term measurements	Under discussion

17.	Industrial Emissions Directive (IED)2010/75/EU	A new BREF on production of wood-based panels is under preparation and the BAT conclusions are scheduled to be adopted by the Commission in 2015. The need to develop a European standard for the monitoring of formaldehyde was highlighted in this document. The standard could also be applied in other industrial sectors where this pollutant is emitted.	Development of standard for formaldehyde emissions monitoring	Under discussion
18.	COM(2013)18 Directive 2014/94/EU	Standardisation will be needed to implement the Clean Power for Transport package, including the European Alternative Fuels Strategy and the Directive 2014/94/EU of 22 October 2014 on the deployment of alternative fuels infrastructure. In addition to already ongoing work of CEN, CENELEC and ETSI under the existing mandates in support of the implementation of this directive, standardisation work on labelling is also needed for meeting the requirement of the directive to provide the users with simple and easy to understand information on the compatibility of their vehicles with the fuels or electricity re-charging points.	Development of standards	Under discussion

19.	Regulation (EU) 305/2011	Completion of the Internal Market for construction products	<p>Development of harmonised standards and introduction of thresholds/classes of performance in new and revised harmonised standards on construction products.</p> <p>Development of assessment methods related to essential characteristics of the product performance related to Basic Requirements on Construction Works under the CPR</p>	ongoing
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20.	Directive 94/62/EC on Packaging and Packaging Waste (reference to the interinstitutional file: 2013/0371 (COD))	Develop a standard for home compostable plastic packaging (definitions of biodegradability and compostability).	Development of standards	Under discussion
21.	Directive on General Product Safety 2001/95/EC	The Commission will request the development of standards under the GPSD Directive for certain consumer products selected in consultation with national and stakeholder experts of the Consumer Safety Network.	Development of standards	The action is ongoing.
22.	Regulation No 524/2013 on consumer ODR (and Directive 2013/11/EU on consumer ADR)	Define elements, messages and message flows in order to facilitate the interoperability of case management systems in charge of supporting out-of-court (alternative) dispute resolution cases	Study / Development of Harmonised Standards / Development of standards	The action is postponed due to further reflection needed in light of the finalisation and launch of the ODR platform on 09/01/2016
23.	Directive 2008/57/EC	Close open points of the rail Technical Specifications for Interoperability namely in the field of aerodynamic effect on ballast for high speeds, eddy current brake, track geometry quality levels, load limits and variable gauge wheel sets	Development of standards	The action is ongoing.

24.	<p>Directive 2009/48/EC on the safety of toys. OJEU L 170, 30.6.2009, p. 1.</p>	<p>Directive 2009/48/EC is the legal basis to ensure the free movement of toys that provide a high level of safety for children under 14 years of age. The Directive requires toys to be safe with regard to physical and mechanical properties, flammability, chemical properties, electrical properties, hygiene and radioactivity. Ensuring a high level of safety throughout the EU and by all stakeholders as well as the free movement of toys in the Internal Market requires standardised specifications. These specifications need to keep up with new scientific-technical and market developments, such as the development of innovative toys, and reports about accidents with toys. The available specifications therefore require updates as appropriate, the establishment of new specifications is of a lower priority.</p>	<p>Programming work on updates of standards covering all requirements for toys, and development of new standards if appropriate.</p>	<p>New actions by the standardisers are being programmed for example on activity toys (in-house toy trampolines) and on tests for chemicals in toys in accordance with recent amendments of Directive 2009/48/EC.</p>
25.	<p>Directive 2014/53/EU</p>	<p>improved security and compliance of software defined radio</p>	<p>Development of harmonised standards</p>	<p>M/536 - C(2015)5376 of 04/08/2015 COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards radio equipment in support of Directive 2014/53/EU of the European Parliament and of the Council</p>



26.	<p>Proposal for a Regulation of the European Parliament and of the Council on personal protective equipment (PPE) - Ref. 2014/0108 (COD)</p>	<p>Align the European harmonised standards to the provisions of the new Regulation, especially on new and/or modified essential health and safety requirements</p>	<p>Development of Harmonised Standards</p>	<p>Under discussion</p>
27.	<p>Proposal for a Regulation of the European Parliament and of the Council on cableway installations - Ref. 2014/0107 (COD)</p>	<p>Align the European harmonised standards to the provisions of the new Regulation</p>	<p>Development of Harmonised Standards</p>	<p>Under discussion</p>

28.	Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food, OJ L 338, 13.11.2004, p. 4)	Regulation (EU) No 1935/2004 provides the legal basis for several specific measures on food contact materials. These include Regulation 10/2011 (OJ L 12, 15.1.2011, p. 1) on plastic materials, Directive 84/500/EEC on ceramic articles and Regulation (EC) No 450/2009 on Active and Intelligent Materials. These acts set out limits for the transfer of substances that are components of materials to the food they are in contact with. The transfer of more than 1000 relevant substances may need to be determined in analytical testing. Yet only a very limited number of standardized methods are available. Certain emerging issues (oligomer migration, multi-analytical methods) call for the establishment of different standards to prevent that they develop into a non-tariff barriers. Moreover testing for specific substances may be selected according to internal market/trade relevance. To this end COM services (JRC) are already collaborating with ISO TC166 (ceramic ware, glass-ceramic ware and glass dinnerware in contact with food -- Release of lead and cadmium).	Programming work on development priorities, Development of Standards for oligomer migration, multi-analytical methods, specific substances (according to tras/internal market relevance)	Internal work to prepare a mandate is being started, aiming at a completed draft mandate by the end of Q2. The work has been narrowed down to standardised methods and analytical data for the determination of certain specific substances. The focus will give priority to multi-analytical methods, followed by methods for single substances. Methods for oligomer migration are being considered as well, but these may need further development before being ready for standardisation.
29.	Directive 2008/50/EC	Directive 2008/50/EC states that modelling technique can be used to assess the air quality. In order to ensure comparability of models throughout Europe, validated standard is needed as regards the use of model.	development of EN standard	Under discussion

30.	Directive 2008/50/EC	Directive 2008/50/EC requires Member States to establish Air Quality Plans when the level of pollution is above the limit value(s). One part of the above Plans consists of identification of the factors contributing to the pollution. The Commission expects to send a mandate to ESO to develop a harmonised methodology for source identification and quantification (source apportionment).	development of EN standard	Under discussion
31.	Proposal for a Regulation on Appliances Burning Gaseous Fuels (GAR) - Ref. 2014/0136 (COD)	Develop standards for products and aspects covered by the GAR, with updating and extension of existing standards and/or new standards when necessary to cover the new requirements of the GAR, as well as for new/innovative product standards	Development of Harmonised Standards	Under discussion
32.	DIRECTIVE 2014/33/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the harmonisation of the laws of the Member States relating to lifts and safety components for lifts	Update the standardisation work performed under the Directive 95/16/EC to the requirements of Directive 2014/33/EU	Update the annexes Z to the existing standards for giving presumption of conformity under the new directive	Under discussion

## Implementing acts issued after reinforcement of Regulation EU No 1025/2012

Mandate number	Implementing act Title	Implementing act Nr	Issued	1st annual report due	Final report due	1st deliverable due	Last deliverable due
M/547	<i>DRAFT COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation as regards algae and algae-based products or intermediates in support of the implementation of Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and the Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the regions of 13 February 2012 on "Innovating for Sustainable Growth: A Bioeconomy for Europe"</i>	<a href="#">C(2016)1582</a>	23/03/2016	23/05/2017	23/03/2021		23/03/2021
M/546	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards Intelligent Transport Systems (ITS) in urban areas in support of Directive 2010/40/EU of the European Parliament and of the Council of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport	<a href="#">C(2016)808</a>	12/02/2016	30/03/2017	30/06/2019	12/02/2017	12/05/2019
M/544	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards ecodesign requirements for networked standby in support of Regulation (EC) No 1275/2008 and Regulation (EC) No 642/2009	<a href="#">C(2015)9468</a>	05/01/2016	05/01/2017			05/01/2018

M/545	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards computers and computer servers, in support of the implementation of Commission Regulation (EU) No 617/2013 of 26 June 2013, implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers	<a href="#">C(2015)9354</a>	06/01/2016	06/03/2017			30/06/2016
M/543	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards ecodesign requirements on material efficiency aspects for energy-related products in support of the implementation of Directive 2009/125/EC of the European Parliament and of the Council	<a href="#">C(2015)9096</a>	17/12/2015	17/06/2016	30/06/2019		31/03/2019
M/539	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation as regards non-household washing machines, dryers and dishwashers, in support of the implementation of Directives 2009/125/EC and 2010/30/EU of the European Parliament and of the Council	<a href="#">C(2015)8756</a>	11/12/2015	11/01/2016		11/04/2016	11/08/2019
M/540	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations in support of Commission Delegated Regulation (EU) No 665/2013 of 3 May 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of vacuum cleaners and Commission Regulation (EU) No 666/2013 of 8 July 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for vacuum cleaners	<a href="#">C(2015)8753</a>	11/12/2015	01/04/2018		31/03/2016	31/03/2018

M/542	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation and the European Committee for Electro-technical Standardisation as regards recreational craft and personal watercraft in support of Directive 2013/53/EU of the European Parliament and of the Council of 20 November 2013 on recreational craft and personal watercraft and repealing Directive 94/25/EC	<a href="#">C(2015)8736</a>	15/12/2015	16/02/2017		31/12/2016	31/12/2020
M/541	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation, to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute pursuant to Regulation (EU) No 1025/2012 of the European Parliament and of the Council as regards certain measuring instruments	<a href="#">C(2015)8558</a>	15/12/2015	10/04/2017			31/12/2017
M/537	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation as regards ventilation units in support of Regulation (EU) No 1253/2014 and Delegated Regulation (EU) No 1254/2014	<a href="#">C(2015)8325</a>	27/11/2015	27/12/2016			27/07/2017
M/538	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation as regards alcohol-powered flue less fireplaces	<a href="#">C(2015)8011</a>	24/11/2015	01/12/2016	01/12/2018		01/12/2018
M/536	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards radio equipment in support of Directive 2014/53/EU of the European Parliament and of the Council	<a href="#">C(2015)5376</a>	04/08/2015	31/01/2016		15/03/2016	

M/535	<p>to the European standardisation organisations pursuant to Article 10(1) of Regulation (EU) No 1025/2012 of the European Parliament and of the Council in support of implementation of Commission Regulation (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters and Commission Delegated Regulation (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heaters, temperature control and solar device and packages of combination heater, temperature control and solar device</p>	<a href="#">C(2015)2626</a>	27/04/2015	27/06/2016		31/12/2015	
M/534	<p>COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations pursuant to Article 10(1) of Regulation (EU) No 1025/2012 of the European Parliament and of the Council in support of implementation of Commission Regulation (EU) No 814/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for water heaters and hot water storage tanks and Commission Delegated Regulation (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device</p>	<a href="#">C(2015)2625</a>	27/04/2015	27/06/2016		31/12/2015	

M/533	COMMISSION IMPLEMENTING DECISION on a standardisation request addressed to the European standardisation organisations, in accordance with Regulation (EU) No 1025/2012 of the European Parliament and of the Council, to draft European standards for alternative fuels infrastructure	<a href="#">C(2015)1330</a>	12/03/2015	12/05/2016	28/02/2023	31/12/2015	31/12/2022
M/532	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Standardisation as regards methods for quantitative analysis of textile products composed of certain binary and ternary textile fibre mixtures pursuant to Regulation (EU) No 1025/2012 of the European Parliament and of the Council	<a href="#">C(2015)1385</a>	05/03/2015	05/03/2017	05/03/2020	05/07/2016	05/03/2020
M/531	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European Committee for Electrotechnical Standardisation concerning consumer laser products pursuant to Regulation (EU) No 1025/2012 of the European Parliament and of the Council and Directive 2001/95/EC of the European Parliament and of the Council	<a href="#">C(2015)557</a>	05/02/2015	31/12/2015	31/12/2017	31/12/2017	31/12/2017
M/530	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards European standards and European standardisation deliverables for privacy and personal data protection management pursuant to Article 10(1) of Regulation (EU) No 1025/2012 of the European Parliament and of the Council in support of Directive 95/46/EC of the European Parliament and of the Council and in support of Union's security industrial policy	<a href="#">C(2015)102</a>	20/01/2015	20/05/2016	20/04/2019	20/01/2019	20/01/2019



M/529	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations pursuant to Article 10(1) of Regulation (EU) No 1025/2012 of the European Parliament and of the Council in support of the implementation of Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements on material efficiency aspects (recyclability, recoverability and reusability indexes, durability, reversible disassembly and end of life extraction time)	<a href="#">C(2014)10238</a>	07/01/2015	07/07/2016	07/04/2018	07/07/2017	07/01/2018
M/528	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations as regards a European standard on electronic invoicing and a set of ancillary standardisation deliverables pursuant to Regulation (EU) No 1025/2012 of the European Parliament and of the Council	<a href="#">C(2014)7912</a>	10/12/2014	10/06/2015	30/04/2017	31/03/2017	31/03/2017
M/527	COMMISSION IMPLEMENTING DECISION on a standardisation request to the European standardisation organisations to draft European standards for certain seats for children in support of Directive 2001/95/EC of the European Parliament and of the Council	<a href="#">C(2014)5058</a>	22/07/2014	22/07/2015	22/07/2017	22/07/2017	22/07/2017
M/526	COMMISSION IMPLEMENTING DECISION on deciding to make a standardisation request to the European standardisation organisations pursuant to Article 10 (1) of Regulation (EU) No 1025/2012 of the European Parliament and of the Council in support of implementation of the EU Strategy on Adaptation to Climate Change [COM(2013) 216 final]	<a href="#">C(2014)3451</a>	28/05/2014	28/06/2016	28/11/2020	28/06/2015	28/11/2020