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COMMISSION STAFF WORKING DOCUMENT

on the implementation of the actions foreseen in the 2015 and 2016 Union work programmes 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 2016

{COM(2015) 686 final}

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New actions

Item	Legal basis	Objective	Type of action	Commission's priorities	Launch of process in the Commission	Deadline for delivery by the standardisers
1.	Procedure 2012/0340/COD Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the accessibility of public sector bodies' websites	The current European standard EN 301 549 which was adopted under mandate M376 from the Commission, or at least that part of the standard referring to Web accessibility. This would be an amended mandate, to be issued following the adoption of the Directive on accessibility of public sector bodies' web sites which is in the legislative procedure (the Commission proposal COM (2012) 721 has been voted by the EP in 1st reading and is currently under discussion in the Council).	Development of Harmonised Standards	2. A Connected Digital Single Market	1st Quarter of 2016	End of 2019
2.	Regulation (EU) No 1007/2011 and Commission Report to the EP and the Council COM(2013) 656 final	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	Development of standards in the field of electronic labelling of finished textile products	2. A Connected Digital Single Market	1st Quarter of 2016	End of 2021

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	2. A Connected Digital Single Market	2nd or 3rd Quarter of 2016, depending on the outcomes of the new eHealth Joint Action and on the policy decisions of the eHealth Network	End of 2020
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4.	<p>COM(2012) 736</p> <p>eHealth Action Plan 2012-2020 - Innovative healthcare for the 21st century</p> <p>Directive 2011/24/EU on the application of patients' rights in cross-border healthcare</p>	<p>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.</p>	Development of Technical Specifications and/or Standards	2. A Connected Digital Single Market	1st Quarter of 2016	End of 2018
5.	<p>COM(2012) 736</p> <p>eHealth Action Plan 2012-2020 - Innovative healthcare for the 21st century</p> <p>Directive 2011/24/EU on the application of patients' rights in cross-border healthcare</p>	<p>Creation of an European standard on quality criteria for the development of health and wellness apps</p> <p>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.</p>	Development of Technical Specifications and/or Standards	2. A Connected Digital Single Market	1st Quarter of 2016	1st Quarter of 2017

6.	Priorities of EU space strategy (COM(2011)152)	Standardization of location authentication based on the Commercial Service and the Open Service of Galileo. 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.	Development of standards	2. A Connected Digital Single Market	2nd Quarter of 2016	2nd Quarter of 2018
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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 from 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>2. A Connected Digital Single Market</p>	<p>2nd quarter of 2016</p>	<p>End of 2018</p>
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8.	Priorities of EU space strategy (COM(2011)152)	<p>Standardization activities for the Galileo Timing Service and the Galileo Search and Rescue Return Link Service.</p> <p>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</p>	Development of standards	2. A Connected Digital Single Market	2nd Quarter of 2016	2nd Quarter of 2018
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.	2. A Connected Digital Single Market	3rd quarter of 2016	End of 2020
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	2. A Connected Digital Single Market	3rd Quarter of 2016	Preliminary results by end of 2018 - final standards by end 2020
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	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st quarter of 2016	End of 2017

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	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st quarter of 2016	End of 2017
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	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st Quarter of 2016	End of 2017

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>	Development of standards	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st Quarter of 2016	End of 2020
15.	<p>Regulation (EU) No 517/2014</p>	<p>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.</p>	Development of (harmonised) standards	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st Quarter of 2016	Standards End of 2020

16.	Industrial Emissions Directive (IED)2010/75/EU	<p>The Minamata Convention regulates i.a. emissions of mercury from industrial processes at a global level.</p> <p>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" https://www.earthobservations.org/ts.php?id=171 and the FP7 funded project "Global mercury Observation System – GMOS" http://www.gmos.eu/ that should be taken into account when the new standards will take place.</p>	Development of standard method for determining total gaseous mercury using sorbent traps for periodic and long term measurements	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	2nd Quarter of 2016	End of 2018
17.	Industrial Emissions Directive (IED)2010/75/EU	<p>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.</p> <p>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.</p>	Development of standard for formaldehyde emissions monitoring	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	2nd Quarter of 2016	End of 2018

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	3. A Resilient Energy Union with a Forward-Looking Climate Change Policy	1st Quarter of 2016	End of 2019
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19.	Regulation (EU) 305/2011	Completion of the Internal Market for construction products	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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st Quarter of 2016	End of 2018
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st Quarter of 2016	End of 2018

21.	Directive on General Product Safety 2001/95/EC	The Commission will request the development of standards under the GPSD Directive, as appropriate, which may include standards on barbecues, children shoes, pushchairs.	Development of standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st quarter of 2016	End of 2019
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st Quarter of 2016	End of 2020
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st quarter of 2016	End of 2020
24.	Directive 2009/48/EC on the safety of toys. OJEU L 170, 30.6.2009, p. 1.	<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.</p> <p>Ensuring a high level of safety throughout the EU and by all stakeholders as well as the free movement of</p>	Programming work on updates of standards covering all requirements for toys, and development of new standards if appropriate.	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st quarter of 2016	End of 2020

		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.				
25.	Directive 2014/53/EU	improved security and compliance of software defined radio	Development of harmonised standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	2nd quarter 2016	End of 2018
26.	Proposal for a Regulation of the European Parliament and of the Council on personal protective equipment (PPE) - Ref. 2014/0108 (COD)	Align the European harmonised standards to the provisions of the new Regulation, especially on new and/or modified essential health and safety requirements	Development of Harmonised Standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	2nd Quarter of 2016	End of 2020
27.	Proposal for a Regulation of the European Parliament and of the Council on cableway installations - Ref. 2014/0107 (COD)	Align the European harmonised standards to the provisions of the new Regulation	Development of Harmonised Standards	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	2nd Quarter of 2016	End of 2020

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-analyte 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, multianalyte methods, specific substances (according to tras/internal market relevance)	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	2nd Quarter of 2016	End of 2020
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	3rd Quarter of 2016	End of 2020

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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	3rd Quarter of 2016	End of 2020
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	3rd Quarter of 2016	End of 2020
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	4. A Deeper and Fairer Internal Market with a Strengthened Industrial Base	1st quarter of 2016	End of 2016

State of play of action included in the annual Union work programme for European standardisation for 2015

Category	Reference in the 2015 UWP COM(2014)500	Field	Description of the action	Status	New action foreseen
Strategic Priorities for European Standardisation	2.1.	Bio-based products including biofuels	Pre-and co-normative research for the development of test methods applicable to the measurement of bio-based content, functionalities, environmental attributes and profiles of bio-based products e.g. bio-based polymers, lubricants, solvents and surfactants, is also to be considered ensuring coherent and coordinated progress.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Strategic Priorities for European Standardisation	2.1.	Bio-based products including biofuels	In addition to the on-going standardisation work in the field of biofuels the Commission is examining areas in relation to bio-based products where new technical specifications and test methods in bioenergy would be needed.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strategic Priorities for European Standardisation	2.1.	Bio-based products including biofuels	Under the Horizon 2020 "Secure, clean and efficient energy" Work Programme 2014-2015 the Commission aims to ask within the first quarter of 2015 for the programming and development of standards on algae and their products.	Under preparation	development of standards on algae and their products
Strategic Priorities for European Standardisation	2.1.	Bio-based products including biofuels	Under the same Horizon 2020 Work Programme, but for "Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the bioeconomy" the Commission is asking for the development and promotion of the use of common environmental and functional/performance based specifications, including the need for standardised measurement and testing methodologies, which could be used to support public procurement networks on innovative bio-based products.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strategic Priorities for European Standardisation	2.2.	Construction products and construction	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.	CEN/Cenelec has drafted a number of new harmonised standards and revised some already existing ones under existing CPR mandates. Work on a harmonised standard on external thermal insulation composite systems (ETICS) has started. Amendment to M120 has been issued to CEN on structural sandwich panels. A number of harmonised standards are under revision. Assessment of macro-objectives (e.g. reducing of landfill or primary resources) has started in autumn 2015 (based on EC Communication on "Resource efficiency potentials for the building sector"); (final) results to be expected in June 2017;	inclusion in hENs (if necessary: mandates foreseen for end 2016/early 2017)
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Strategic Priorities for European Standardisation	2.2.	Construction products and construction	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.	horizontal standards are in the status of technical specifications at the moment (final robustness testing delayed due to delays in framework contract discussions between EC and CEN in 2014);	final robustness testing planned for 2016/2017; last batch of amended product mandates for dangerous substances to be sent to CEN in 2015;
Strategic Priorities for European Standardisation	2.2.	Construction products and construction	To enhance the competitiveness of EU construction services the Commission will promote the further development and the international uptake of Eurocodes' structural design standards under the Action Plan [COM(2012) 433 final] on the Sustainable Competitiveness of the Construction Sector .	AA with JRC amended for extending support from Eurocodes to other technical aspects of standardisation/sustainable construction	ongoing task

Strategic Priorities for European Standardisation	2.2.	Construction products and construction	The Commission is examining the needs for standardisation on geothermal energy related issues.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Strategic Priorities for European Standardisation	2.2.	Construction products and construction	With regards to indoor air quality, the standardisation of Radon measurements in dwellings should also be considered [Council Directive 2013/59/Euratom].	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Strategic Priorities for European Standardisation	2.3.	Ecodesign/Energy-related products	In respect of the actions set out in the Commission Communication COM(2011)571 "Roadmap to a Resource Efficient Europe" , standards related to resource efficiency such as recyclability, recoverability and reusability indexes or durability of products or its key components as well as other environmental parameters needs to be developed, so as to facilitate the characterisation of potential ecodesign requirements in additional areas.	The official standardisation mandate on Resource Efficiency is on its way to be communicated to the ESOs. However, preliminary comments from the ESOs highlighted the need/request for changes, which are currently under analysis.	ongoing

Strategic Priorities for European Standardisation	2.3.	Ecodesign/Energy-related products	Further standardisation requests in support of Commission Regulations implementing the Ecodesign Directive (e.g. ventilation systems, space and water heaters, networked standby for networked and networking equipment) will be issued as individual mandates.	Activities are proceeding in this workstream, with individual mandates (e.g. on commercial refrigeration, networked standby, external power supplies, solid fuel boilers, local space heaters and ventilation units) being issued to ESOs in 2015. Other mandates will follow in 2016.	ongoing
Strategic Priorities for European Standardisation	2.3.	Ecodesign/Energy-related products	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.	Activities are proceeding in this workstream, with individual mandates (e.g. on commercial refrigeration, networked standby, external power supplies, solid fuel boilers, local space heaters and ventilation units) being issued to ESOs in 2015. Other mandates will follow in 2016.	ongoing

Strategic Priorities for European Standardisation	2.4.	Waste recycling	The implementation of action referred to in point 2.1.4.4 of the Commission's Communication COM(2013)561 (hereinafter referred to as the Commission's 2014 annual work programme) is still to be considered as part of this UWP except for the reference to waste characterisation for hazardous property H 12 – release of an acute toxic gas category 1, 2 or 3, where a mandate is under preparation.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
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Strategic Priorities for European Standardisation	2.5.	Postal services	With the actions set out in the Commission's Communication COM(2013)886 "Roadmap for completing the single market for parcel delivery" the Commission aims to support the development of e-commerce by improving parcel delivery, notably cross border. One set of actions promotes enhanced interoperability of parcel-delivery operations. The Commission aims to issue, within the first quarter of 2015, a standardisation request concerning the specific features of parcel delivery services and, may also consider including within this standardisation request the revision of any existing European Standards on postal services if necessary.	Standardisation request, taking into consideration the objectives of the Digital Single Market strategy [COM(2015) 192 final] in under preparation and it is expected to be submitted for approval of the Committee for Standards within the 1 st quarter of 2016	Development of standards
Strategic Priorities for European Standardisation	2.6.	Air quality and industrial emissions	The Directive 2004/107/EC relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons requires the monitoring of polycyclic aromatic hydrocarbons (PAH). In order to ensure better data comparability, validated standard methods for PAH are required.	Under preparation	Development of standards

Strategic Priorities for European Standardisation	2.6.	Air quality and industrial emissions	The Directive 2010/75/EU on industrial emissions empowers the Commission to introduce continuous monitoring of emissions of polychlorinated dibenzo-dioxins and –furans (PCDD/PCDF) from waste incineration plants as soon as appropriate measurement techniques are available. The Commission expects to send a mandate to the ESOs in the course of 2015 for the completion of the validation of the existing technical specifications in this field.	Under preparation	Development of standards
Innovation and new technologies	3.1.1.	Advanced manufacturing technologies	The Commission will work closely with the European standardisation organisations to systematically address results of screenings and foresight exercises on advanced manufacturing in their work programme and to further identify and address standardisation gaps taking into account the work of the Commission's Task Force on Advanced Manufacturing for Clean Production.	There have not been identified any specific needs for issuing a standardisation request. Topic covered under the ICT standardisation rolling plan.	None

Innovation and new technologies	3.1.2.	Key enabling technologies (KETs)	The implementation of the action referred to in point 2.1.2 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Apart from the work already undertaken under the mandate 461 addressed to CEN, Cenelec and ETSI for standardization activities regarding nanotechnologies and nanomaterials, the Commission does not envisage in 2016 to ask any further standardisation work. Any further request is dependent on the outcome of the evolution of the work performed in the frame of this mandate.	None
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Innovation and new technologies	3.1.3.1	Steel	The implementation of the action referred to in point 2.1.4.2 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	For steel construction products standardisation request is expected to be initiated within the 1st quarter of 2016. For SustSteel, it is considered necessary to wait until such a consensus is reached within the EU's steel sector before continuing further work in this area.	Development of standards
Innovation and new technologies	3.1.3.2	Non-energy, non-agricultural, raw materials	The implementation of the action referred to in point 2.1.4.2 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Innovation and new technologies	3.1.3.	Sustainable industrial policy, construction and raw materials	<p>The Commission has identified in its Strategic Implementation Plan (https://ec.europa.eu/eip/raw-materials/en/content/about-sip) a number of areas where standardisation is required.</p> <p>The European Innovation Partnership (EIP) on Raw Materials [COM(2012)082] will work on common standards for waste recycling and for data reporting on exploration, mineral production, trade, reserves and resources</p>	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Innovation and new technologies	3.1.4.	Clean vehicles and vessels	<p>The implementation of the action referred to in point 2.1.5 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.</p>	<p>The actions described are not foreseen to be initiated in 2016. The Commission will examine the progress on the market introduction of clean vehicles together with its stakeholders and afterwards will define its standardisation needs in this field.</p>	None

Innovation and new technologies	3.1.5.	Smart grids and smart metering	The implementation of the action referred to in point 2.1.6 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Innovation and new technologies	3.1.5.	Smart grids and smart metering	In addition to a previous standardisation mandate M/490 in support of European Smart Grid deployment the European Innovation Partnership on Smart Cities will develop a common landscape and a strategic programme for smart city standards.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.1.	Role of European standards as part of the regulatory framework	<p>European standards adopted on the basis of requests made by the Commission for the application of Union legislation are already a vital part of the regulatory framework for products. In order to ensure that European standards, and in particular harmonised standards, can maintain their position as a recognised reference point in ensuring compliance with the Union's legislation – not only for products but also for services – a coherent and fully reviewed approach is needed in implementing the new legal requirements of the 2012 Standardisation Regulation. To ensure this the Commission will revise its guidance for drafting, adopting and executing standardisation requests focusing in particular on SME friendliness, transparency, quality and clarity of harmonised standards. In addition, the Commission intends to update mandate M/417 concerning standards relating to conformity assessment activities so they can continue to serve as a recognised reference for the accreditation of conformity assessment bodies, including those working in the framework of EU harmonisation legislation.</p>	The Commission is gathering data and information for assessing the necessity of updating the M/417	Development of standards
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Strengthening the internal market in goods and services	3.2.2.	Child safety	The implementation of the action referred to in point 2.2.1 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	On baby slings the already existing childcare article mandate (M 264) can be used to develop a standard. The outcomes of the international pilot project on baby slings will also be sent to CEN to take it into account in the standard development. The same mandate can be used for soft baby carriers. Action on baby bouncers, swings and playground equipment is postponed to later (later than 2015) based on discussion with MS experts. Action on framed baby carriers is not necessary any more as a standard on this has already been referenced (in 2006). Action on playing field equipment is planned for the coming years.	Development of standards
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Strengthening the internal market in goods and services	3.2.2.	Child safety	The Commission may request the development of European standards for children's clothing and accessories as well as for children shoes.	Action ongoing. Safety requirements under the General Product Safety Directive (2001/95/EC) will start to be prepared for children shoes are under development. in 2015 and possibly on some aspects of children's clothes.	Development of standards
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Strengthening the internal market in goods and services	3.2.3.	Safety of other consumer products	The implementation of the action referred to in point 2.2.2 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	A mandate has been issued for alcohol powered flueless fireplaces. For candles safety requirements are already in the process of being adopted by the Commission. Action is ongoing on barbecues and safety requirements are planned to be adopted by the Commission in 2016 .	Development of standards
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Strengthening the internal market in goods and services	3.2.3.	Safety of other consumer products	The Commission may request the development of European standards for buoyant aids for swimming, roller skates (and similar equipment) and paragliding equipment.	Action on Roller skates (and similar equipment) is postponed to 2016. Safety requirements for buoyant aids for swimming is not considered a priority any more (in consultation with MS experts), the first part of the standard on buoyant aids for swimming is already a harmonised standard under the PPE Directive. As regards paragliding equipment, a referenced standard exist for this product, drafting of safety requirements is not considered a priority.	Development of standards
Strengthening the internal market in goods and services	3.2.4.	Feed and food quality and safety	The implementation of the action referred to in point 2.2.3 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Activities related to the mandate SA/CEN/ENTRE/381/2010-06 ongoing	Ongoing

Strengtheni ng the internal market in goods and services	3.2.4.	Feed and food quality and safety	Furthermore, in order to ensure fair trade and a high level of safety when using methods alternative to the ISO international standards, it is of utmost importance to clearly set the requirements for certification bodies assessing equivalence and certificates to be released.	Specific activities to be developed in this field have not yet been discussed with ISO/CEN	not decided yet
Strengtheni ng the internal market in goods and services	3.2.5.	Tobacco Products	Under the Tobacco Products Directive 2014/40/EU, which entered into force on 19 May 2014, the Commission is considering the development of technical standards for electronic cigarettes, in particular their refill mechanism.	Action currently being undertaken by the Commission on the basis of Article 20(13) of the Tobacco Products Directive	No additional action required
Strengtheni ng the internal market in goods and services	3.2.6.	Cosmetics	The implementation of the action referred to in point 2.2.4 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.7.	Fibre composition of textile products	<p>Under the Textile Regulation (EU) No 1007/2011 and the REACH Regulation (EC) No 1907/2006 , the Commission may request standardisation activities with regard to finished textile products, namely in areas such as the non-destructive identification of textile fibres, the integration of non-textile elements, the determination of flammability and the identification of the presence (or absence) of allergenic substances.</p>	<p>Contacts with CEN BT WG 8 on the follow-up to the programming mandate M/509 on protective textiles, first semester 2014. Preliminary contacts with CEN TC 248 - Textile and CMC in October 2014, with DG GROW colleagues and stakeholders in January 2015. First discussion, at the level of the Textile Expert Group, about priorities for standards development, held on 25 March 2015. Further contacts with ESOs (CEN, CENELEC and ETSI) planned in 1Q2015. Presentation of an early version of the draft request to the Standardisation Committee held on 2Q2015. Formal presentation to the Standardisation Committee, 3Q2015. Tentative date for submission for adoption of a Commission Implementing Decision, and annex, regarding a request to ESOs for the development of harmonised standards in the field of protective clothing with integrated non-textile elements (devices) providing for protection against fire, 4Q2015.</p>	Development of harmonised standards in the field of protective clothing
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Strengthening the internal market in goods and services	3.2.8.	Fertilisers	The implementation of the action referred to in point 2.2.6 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission under the new Circular Economy package. A draft COM standardisation mandate is expected for mid-2016 once the draft COM proposal is adopted	Development of standards
Strengthening the internal market in goods and services	3.2.9.	Safety of offshore machinery	The implementation of the action referred to in point 2.2.7 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Discussion with stakeholders is still on-going and it is not examined the possibility for a standardisation request in 2016	None
Strengthening the internal market in goods and services	3.2.10.	Land transport	Under the Directive 2004/52/EC on the European Electronic Toll Service (EETS) deployment the following further standardisation activities would be beneficial: test standards for the secure monitoring of toll systems and for profiles of information exchange between Service Provision and Toll Charging activities, and revision of the test standards forming the basis of satellite-based electronic tolling systems and the profile standard for Dedicated Short-Range Communications (DSRC) -based electronic tolling.	In progress work of update of standards. This work is carried out through annual grant agreements under Mandate 338	

Strengthening the internal market in goods and services	3.2.10.	Land transport	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 from a moving vehicle to an enforcement police officer on the roadside, through the DSRC interface.	Technical work in progress : JRC has subcontracted to the Chair of TC 278 the technical definition of the content and the process for standard adoption	
Strengthening the internal market in goods and services	3.2.10.	Land transport	Another issue is related to onboard weighing systems for trucks, where different providers may equip the tractor and the trailers which it will tow. An interface standard is required between the different suppliers to ensure that the onboard weighing computer in the tractor will be able to receive the weights per axles of any trailer, store them, and then compute the whole weight of the vehicle. This standard could be based upon ISO 11992.	Not started	

Strengthening the internal market in goods and services	3.2.11.	e-Freight	<p>The Commission aims, through the e-Freight policy initiative (http://ec.europa.eu/smart-regulation/impact/planned_ia/docs/2013_move_001_e_freight.pdf), to electronically link logistics stakeholders along the whole supply chain and to facilitate the flow, access and use of information. The objective is to enhance efficiency and reduce costs of freight transport operations. In this framework, the Commission may request standardisation activities.</p>	<p>Working groups are being established in order to exchange information with relevant stakeholders on the various topics raised in an e-Freight context</p>	<p>Participation in the working groups</p>
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Strengthening the internal market in goods and services	3.2.12.	Waterborne transport	<p>Within the field of waterborne transport, technical solutions and standards are based on both European and international requirements. The Commission is considering to issue a standardisation request to the ESOs concerning the development of standards for maritime transport information sharing in support of the e-Maritime initiative and in order to support the implementation of the Directive 2010/65/EU on National Single Windows and electronic transmission of data towards other relevant systems, in particular the Directive 2002/59/EC on Union Maritime Information and Exchange System , SafeSeaNet. In this context a close link with e-Freight, e-Customs and e-Navigation initiatives will be established.</p>	<p>The Commission will evaluate 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. The consultation of the Forum will be used to draft a Mandate to CEN/CENELEC or other appropriate standardisation bodies. The work builds on the technical specifications already agreed at operational level for the Directives on VTMS (2002/59/EC) and Ship Reporting Formalities (2010/65/EU). The initiative will be coordinated with the on-going work of other standardisation bodies active in this area, like the International Maritime Organization, ISO and the World Customs Organization. A mandate covering items which are currently listed in Annex A.2 of Directive 96/98/EC on Marine equipment (e.g. public address & general emergency alarm systems, firehoses with a diameter > 56mm) is being considered by the Commission.</p>	
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Strengthening the internal market in goods and services	3.2.13.	Air transport	<p>The implementation of the action referred to in point 2.2.8 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.</p>	<p>As regards the implementation of Mandate M/524 on SESAR Standardisation by the ESO's, the work on mandate M/524 has been put on hold by the ESO's, notably pending the outcome of the legislative procedure (i.e. expected future trilogue) on SES2+ . On the efforts to further promote worldwide the European standards , mainly through the International Civil Aviation Organisation (ICAO), to ensure global interoperability, the European Commission has been supporting the efforts of EUROCAE to be considered by ICAO as recognised organisation, at the same level as RTCA, for the development and support of worldwide ATM standards. Such decision to recognise EUROCAE has been adopted by ICAO in the course of 2015.</p>	
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Strengthening the internal market in goods and services	3.2.13.	Air transport	As regards the modernisation of the European air traffic management network, the ESOs will be requested to review existing standards and their continuation, and to develop, in cooperation with the European Organisation for Civil Aviation Equipment (EUROCAE) and the European Aviation Safety Agency (EASA), future possible activity and the relevant necessary European standards identified in the European ATM Master Plan and in the common projects supporting the implementation of the Master Plan.	In addition to the information provided above as regards mandate M/524, it should be noted that ESO's have confirmed their willingness indeed been requested in 2014 to confirm their willingness to support standardisation activities identified for them in the SESAR Pilot Common Project. This support has been done and coordinated through the newly established European ATM Standardisation Coordination Group in which ESO's participate.	This is an on-going/ recurring task to review the ATM standardisation needs through the EASCG.
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Strengthening the internal market in goods and services	3.2.13.	Air transport	In line with its Communication COM(2013)18 on remotely piloted aircraft systems (RPAS) in a safe and sustainable manner the Commission identified the need to develop a strategy for RPAS at European level. This includes the definition of an appropriate regulatory framework, which could be supported by standards developed by the ESOs or international standardisation organisations, in cooperation with EUROCAE and EASA.	EASA in close cooperation with the Joint Authorities for Rulemaking on Unmanned Systems (JARUS) is currently preparing the future implementing rules for drones /RPAS and will also start to develop the applicable standards and guidance. The principles of the regulatory framework and research and development activities are thus developing, so that also the tasks of the working parties are becoming clearer and concrete standards can be developed.	
Strengthening the internal market in goods and services	3.2.14.	Rail transport	The implementation of the action referred to in point 2.2.9 of the Commission's 2014 annual work programme is still to be considered as part of this UWP	on going	to be continued in 2016
Strengthening the internal market in goods and services	3.2.14.	Rail transport	Harmonised communication vehicle/ground area, to close open points in technical specifications for interoperability (TSIs)	on going	to be continued in 2016
Strengthening the internal market in goods and services	3.2.14.	Rail transport	Development of the universal overhead contact line (OCL), following the results of the specific study on this matter commissioned by the European Rail Agency	ongoing and will be discussed in 2015	to be continued in 2016

Strengthening the internal market in goods and services	3.2.14.	Rail transport	Development of European standards for railway applications including 1520 mm track gauge railway system taking into account the Russian interstate standards (GOST) and focusing on the purpose and scope of the Interoperability Directive.	on going	to be continued in 2016
Strengthening the internal market in goods and services	3.2.15.	Alternative fuels and related infrastructure	Standardisation will be needed to implement the Clean Power for Transport package, including the European Alternative Fuels Strategy and the proposal for a Directive on the deployment of alternative fuels infrastructure [COM(2013)18].	Standardisation request is under preparation	Development of standards
Strengthening the internal market in goods and services	3.2.15.	Alternative fuels and related infrastructure	The Commission is keen to support faster market introduction of advanced concepts by harmonisation and development of standards for photovoltaic technology. The Commission is examining areas related to alternative fuels where further standardisation would be needed.	Retracted and replaced by new action	None
Strengthening the internal market in goods and services	3.2.16.	Safety of infrastructure	The implementation of the action referred to in point 2.2.11 of the Commission's 2014 annual work programme is still to be considered as part of this UWP [COM(2010)560].	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.17.	Wireless communications	The implementation of the action referred to in point 2.2.12 of the Commission's 2014 annual work programme is still to be considered as part of this UWP	The Commission is planning to launch a standardisation request in the 1 st quarter of 2016 with deadline for delivery end of 2017	Development of standards
Strengthening the internal market in goods and services	3.2.17.	Wireless communications	Accessories interworking with radio equipment, specifically a common charging interface for mobile and other portable electronic devices.	The Commission is planning to launch a standardisation request in the 1 st quarter of 2016 with deadline for delivery end of 2017	Development of standards
Strengthening the internal market in goods and services	3.2.17.	Wireless communications	Access of mobile telephones and other portable radio equipment to Galileo services;	Discussion with stakeholders is still on-going and it is not envisaged any new standardisation request for 2016	None
Strengthening the internal market in goods and services	3.2.17.	Wireless communications	Enforcement of systems designed to guarantee that software supporting certain features can only be loaded into the radio equipment where the compliance of the combination of software and the radio equipment has been demonstrated;	Discussion with stakeholders is still on-going and it is not examined the possibility for a standardisation request in 2016	Development of standards

Strengthening the internal market in goods and services	3.2.17.	Wireless communications	Mobile communication services in the 700 MHz and the lower UHF band so as to ensure co-existence with other applications and electrical equipment' as follow: 'Wireless broadband communication services in the UHF (470-790 MHz) band so as to ensure co-existence with other applications, including non-radio, and electrical equipment.	Start of the activity in 2016 following publication of the Communication on the Market Uptake of Galileo and EGNOS foreseen in 2015	Development of standards
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Strengthening the internal market in goods and services	3.2.18.	Space at the service of citizens	The implementation of the action referred to in point 2.2.13 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	<p>Action on-going. Continuation of the Update of Galileo standards for multi-modal transport and location-based applications. Continuation of the standardization in the aviation sector for the introduction of Galileo and the modernized version of EGNOS. Continuation of the update and development of standards for local augmentation systems for Galileo. Follow-up of the ongoing projects developed by ESOs in response to M/496 Based upon M/496 ETSI has 3 ongoing grant agreements with the Commission as follows:</p> <ol style="list-style-type: none"> 1. SA/ETSI/ENTR/496/2013-03 - Alert Message Encapsulation o Status: Action started in 01/2014. Interim report received in 12/2014. Final report received in 06/2015 2. SA/ETSI/ENTR/496/2013-02 - Reference scenarios for Emergency satellite-assisted Telecommunication Services • Status: Action started in 12/2013. Interim report received in 12/2014. Final report received in 06/2015 3. SA/ETSI/ENTR/496/2013-05 - Interoperability and Integration of Global Navigation Satellite Systems (GNSS) with Telecommunications Systems for the provision of 	on-going
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				<p>location-based services</p> <ul style="list-style-type: none"> o Status: Action started in 02/2014. Interim report received in 12/2014. In response to M/496 CEN/CENELEC submitted for funding 2 projects proposals in 2014 as follows: 4. SA/CEN/ENTR/EFTA/496/2014-10- "Space - Transfer of ECSS standards" o Status: grant agreement signed in 05/2015. Final report expected in 07/2018. 5. SA/CEN/ENTR/EFTA/496/2014-11 – "Space – Sectorial dossier 1" o Status: Grant Agreement signed in 06/2015. Final report expected in 06/2017. 	
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Strengthening the internal market in goods and services	3.2.19.	Security	The implementation of the action referred to in point 2.2.14 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	The Commission before examining new standardisation requests is expected to start the standardisation activities on the already given mandates: M/487 on security and M/512 on reconfigurable radio system	None
Strengthening the internal market in goods and services	3.2.20.	Nuclear Safety and Security	The implementation of the action referred to in point 2.2.15 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Strengthening the internal market in goods and services	3.2.21.	Chemicals	The implementation of the action referred to in point 2.2.16 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.21.	Chemicals	Under the Water Framework Directive 2000/60/EC and the Directives 98/83/EC and 2006/7/EC , the Commission is considering the development of standards for analytical methods for water pollutants and certain biological and microbiological parameters.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Strengthening the internal market in goods and services	3.2.22.	Safety of specific services	This work item is subject to the outcome of a broad consultation of stakeholders provisionally scheduled for the second half of 2014. If input from stakeholders leads to the conclusion that service standardisation needs in the field of consumer safety e.g. on hotel fire safety, would receive wide support, this option should be kept open.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.23.	Healthcare services	<p>Patients require safe, high quality services in order to have confidence in healthcare systems throughout Europe. To develop European Standards, clinicians and representatives of regulatory authorities, research and development as well as accreditation and standardisation organisations should bring together their knowledge and experience. In order to manage complex healthcare systems in a consistent manner, specific horizontal aspects could be subject to standardisation requests to CEN in line with relevant Union legislation and policies on healthcare [Directive 2011/24/EU, Council Recommendation 2009/C 151/01].</p>	<p>. The Commission, in co-ordination with CEN/CENELEC and EARTO, organised a first event in October 2015 to bring together concerned stakeholders and necessary knowledge and experience and have a shared view on how to proceed.</p>	on-going
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Strengthening the internal market in goods and services	3.2.24.	Accessibility	The implementation of the action referred to in point 2.2.20 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	The European Accessibility Act is under preparation. The Commission has sent to the UN the report on the implementation of the Convention. A dialogue will take place in August 2015 and this information will be used in the revision process of the European Disability Strategy 2010-2020.	None
Strengthening the internal market in goods and services	3.2.25.	Medical devices	Once the future Regulation on Medical Devices ⁹ http://ec.europa.eu/health/medical-devices/documents/revision/index_en.htm) and the Regulation on in vitro diagnostic Medical Devices ²⁸ are adopted by the European Parliament and by the Council, the European Commission will issue a mandate inviting CEN and CENELEC to verify to what extent the Essential Requirements and other requirements contained in the future regulations are covered by standards.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Strengthening the internal market in goods and services	3.2.26.	Measuring Instruments	In the framework of the Measuring Instruments Directive 2004/22/EC, the Commission may mandate the ESOs to produce standards in the light of the state of international standardisation and market needs. This would concern instruments covered by the scope of the Directive 2009/137/EC for which no full harmonised standard exists, or due to technological innovation only, incomplete and/or out-dated harmonised standards exist.	Draft proposal for a mandate is under preparation	Development of standards
Strengthening the internal market in goods and services	3.2.27.	Pressure equipment	In order to promote the take-up of European harmonised standards in the pressure equipment sector and to ensure the long-term sustainability of these standards, further actions will be undertaken to promote the visibility and facilitate the take-up of the main standards for pressure vessels, piping and boilers.	Discussion with stakeholders is still on-going and it is not examined the possibility for a standardisation request in 2016	None

Strengthening the internal market in goods and services	3.2.28.	Electrical and electronic equipment	<p>The following items may be the subject of specific standardisation requests:</p> <p>(1) aspects not covered in and possible shortcomings in the current harmonised standards supporting the safety objectives of the Low Voltage Directive;</p> <p>(2) safety aspects of electrical products that due to their characteristics e.g. child appealing, may be unsafe for segments of the population that are particularly vulnerable.</p>	<p>The Electromagnetic Compatibility (EMC) Directive has been recently revised with the NLF alignment therefore development and updating of harmonised standards shall be made via a new mandate. The Commission sent a mandate to the ESOs in the course of 2015 under the new Directive EMC 2014/30/EU which will replace the general mandate M404 under the 2004/108/EU. The standards should be updated accordingly during 2016. This mandate will also include telecommunication terminals from the 13 of June 2016.</p> <p>The Commission may request the development of EMC and Radio standards in order to take into account the possible evolution in the use of the 700 MHz band.</p>	Development of standards
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Strengthening the internal market in goods and services	3.2.29.	Water transport – Recreational craft	<p>The Recreational Craft Directive 2013/53/EU has been recently revised; therefore development and updating of harmonised standards shall be made via a new mandate.</p> <p>The following items may be the subject of specific standardisation requests or new mandates if necessary:</p> <p>(1) recreational craft — reciprocating internal combustion engines’ exhaust emissions measurement — test-bed measurement of gaseous and particulate exhaust emissions;</p> <p>(2) safety aspects of electrical circuits with respect to electric or hybrid propulsion systems;</p> <p>(3) aspects not covered in and possible shortcomings in the current harmonised standards supporting the safety objectives of the Recreational Craft Directive 2003/44/EC .</p> <p>The Commission may ask that test and certification procedures for the fire-proofing of composite materials to be used on vessels are developed with the aim of fostering their acceptance in International Maritime Organization. This may lead to specific standardisation related actions.</p>	<p>A draft standardisation request is currently in consultation phase with stakeholders and adoption process could be fulfilled by end of 2015.</p> <p>The standardisation request would create the new mandate which shall replace M/075 requiring creation of standards for the Recreational Craft Directive 94/25/EC. The new mandate will follow adoption of the new directive 2013/53/EU.</p> <p>The International Maritime Organization is now indeed considering to undertake related work and that therefore a standardisation input from the side of the EU is more important than ever.</p>	Development of standards
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Strengthening the internal market in goods and services	3.2.30.	Safety in workplace	<p>The enforcement of the Directive 2013/35/EU on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields) repeals Directive 2004/40/EC.</p> <p>The Commission envisages either to amend the existing mandate M/351 or to issue a new mandate to the European standardisation organisations to develop harmonised standards in support of Directive 2013/35/EU.</p>	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
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Strengthening the internal market in goods and services	3.2.31.	Defence	<p>The recent Communication COM (2013) 542 on the defence and security sectors highlighted that the use of common defence standards greatly enhances co-operation and interoperability as well as the competitiveness of Europe's industry especially in emerging technologies. This approach was supported by the European Council in its Conclusions on the Common Security & Defence Policy of 19th December 2013. The Commission will be working with the European Defence Agency to examine ways to promote the use of common standards in defence and in other areas referred to in the Communication. Any work taken forward in this area would not duplicate NATO activities.</p>	<p>The Commission has developed, with the European Defence Agency, a new mechanism for identifying the need for new standards in defence without duplicating NATO standardisation activities. The Commission will examine any recommendations for new European standards that come out of this mechanism and also related to other aspects of the implementation plan for the Defence Communication (COM (2014) 0387). It will also continue to work with the Agency to promote the use of common standards.</p>	Development of standards
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Strengthening the internal market in goods and services	3.2.32.	Maritime Affairs	<p>The Commission will be working to examine ways to promote the use of common standards in maritime affairs. This work will support inter alia the Commission's initiative on the Common Information Sharing Environment for the surveillance of the EU maritime domain (Maritime CISE- COM/2009/0538 and COM/2010/0584) and in particular defence-civil cooperation. Of particular importance is the enhancement of information exchange between different sectorial functions, in particular between defence and other sectors, by making maritime surveillance systems interoperable through the use of common standards.</p>	<p>The development of the Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain has moved to a pre-operational step in 2015 with the launch of a FP7 funded project (called EUCISE 2020) in December 2014. This project will design (phase 1 in 2015) and test (phase 2 in 2016) common specifications to enable information exchange between coastguard authorities within the EU. The standardization process has hence been withheld in order to enable the use of the results of this project to better refine the scope of the standardization needs. It is thus requested to carry forward to 2016 the development of standards for CISE.</p>	Development of standards
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Digital Agenda for Europe	3.3.1.	eHealth	<p>Studies show that European and international standards are often not specific enough to ensure interoperability of ICT solutions in eHealth. Seeking the endorsement of the eHealth Network and consulting the eHealth Stakeholders' Group, more detailed specifications, including interoperability testing guidelines and quality management systems, for the cross-border exchange of data (i.e. in patient summaries or ePrescription), to be used e.g. in public procurement, will be identified to contribute to the eHealth Interoperability Framework. The Commission proposes to boost interoperability by further developing and validating specifications and components and, if necessary, through standardisation mandates.</p>	<p>The eHealth Network has been consulted in January 2015 on the Technical Specifications - Integrating Healthcare Enterprises (IHE) profiles - that had already received positive advice by the ICT Multi-Stakeholder Platform (MSP). The eHealth Network confirmed the positive advice of the MSP. In line with Commission Decision provided for in Art. 13 of Regulation 1025/2012, the European Commission issued on 28th of July 2015 the Decision 2015/1302 on the identification of 'Integrating the Healthcare Enterprise' (IHE) profiles for referencing in public procurement.</p> <p>This decision allows for the 27 IHE profiles to be identified as ICT technical specifications eligible for referencing in public procurement.</p> <p>The 27 IHE profiles are detailed specifications that optimise the selection of well-established standards describing the different layers of interoperability (i.e. protocol communication, technical, syntactical, semantic and application levels) with the aim to find interoperability solutions for</p>	None
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				exchanging or sharing medical data.	
Digital Agenda for Europe	3.3.2.	Radio frequency identification (RFID)	The implementation of the action referred to in point 2.4.2 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	The deliverables resulting from the mandate M/436 were submitted by CEN to the Commission in 1Q15. The old action is therefore finished, however further actions may be considered in relation to the deployment of IoT.	Development of standards

Digital Agenda for Europe	3.3.3.	eSkills and eLearning	The implementation of the action referred to in point 2.4.3 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Digital Agenda for Europe	3.3.4.	Online dispute resolution (ODR) for eCommerce	The implementation of the action referred to in point 2.4.6 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Digital Agenda for Europe	3.3.5.	The Internet of Things (IoT)	The implementation of the action referred to in point 2.4.7 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	The Commission is examining the situation in consultation with its stakeholders. For the moment it is not envisaged any standardisation action in this field.	None
Digital Agenda for Europe	3.3.6.	Electronic identification and trust services including electronic signatures	The Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC, addresses electronic identification, signatures, seals, timestamps, delivery, documents or website authentication certificates. A new standardisation request may be needed to support its implementation.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

Digital Agenda for Europe	3.3.7.	Card, internet and mobile payments	The implementation of the action referred to in point 2.4.9 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None
Digital Agenda for Europe	3.3.8.	Intelligent Transport Systems (ITS)	The implementation of the action referred to in point 2.4.10 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	In line inter alia with action 20 in the action plan on Urban mobility, the commission is considering a standardisation request in the area of multimodal services, traffic management and urban logistics	Development of standards
Digital Agenda for Europe	3.3.8.	Intelligent Transport Systems (ITS)	The Commission is considering issuing a standardisation request to develop standards for the future generation eCall services, taking into account the evolution of mobile communication networks and the IP environment and also considering a wider range of vehicle types and services, such as Heavy Duty Vehicles, Power Two Wheelers or Hazardous Goods tracking.	CEF Annual Call 2014 addresses eCall studies and pilots incl. eCall services for a wider range of vehicles. In case MS submit a proposal and it is selected further progress would be made on this topic and could further substantiate the need for potential standards in this domain.	

Digital Agenda for Europe	3.3.9.	Broadband infrastructu re mapping	<p>The European Parliament and the Council recently adopted Directive 2014/61/EU on measures to reduce the cost of deploying high-speed electronic communications networks. In this context, information about physical infrastructures available in the area of deployment should be made available.</p> <p>The Commission may consider a standardisation request for a common language available for use by Regulatory Authorities, Ministries and Operators/Utilities and include a set of successive standardised layers of authorization, details, type (service, infrastructure, demand, investment maps...). This standard for broadband infrastructure mapping should benefit as much as possible from the INSPIRE technical guidance for regulation 1253/2013</p>	<p>This new standardisation mandate will be presented to the standardisation committee on 23 April 2015 and adopted subsequently. CEN has already raised its interest.</p>	Development of standards
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Digital Agenda for Europe	3.3.10.	eProcurement/eCatalogues	<p>e-Procurement [COM(2013)453] technology interoperability and standardisation is a key strategy to remove technical barriers or extra costs when suppliers bid on a plurality of systems. In order to achieve a true single market, bidders including SMEs ideally should be able to communicate and participate, in multiple markets across various systems, through their favourite or a common system. The need for standardisation in the e-Procurement domain was strongly reaffirmed by the e-Tendering Expert (eTEG) group in a report issued in February 2013, which included a number of standardisation actions to be undertaken as soon as possible.</p>	<p>Standardisation activities in the domain of electronic public procurement are being carried out by the CEN Project Committee 440 (CEN/PC 440), which was set up in June 2015.</p>	Development of standards
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Digital Agenda for Europe	3.3.11.	Online gambling services	<p>As announced in the Communication "Towards a comprehensive European framework for online gambling" [COM(2012)596] the Commission is considering the merits of introducing standards for gambling equipment. Certification of online gambling equipment including gambling software is commonly required by Member States' competent authorities in connection with an application for a gambling licence. A comparable level of security of online gambling in the EU is also aimed at a reduction of unnecessary administrative burdens relating to the different national certification procedures. To this end, the Commission will work with Member States through the group of experts on gambling services and with industry stakeholders including accreditation and standardisation organisations so as to benefit from shared knowledge and experience.</p>	<p>The Commission in consultation with the Member states and industrial stakeholders is exploring needs for standardisation in the area of online gambling services in order to finalise a standardisation request.</p>	Development of standards
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Climate change and Resource Efficient Europe	3.4.1.	Fluorinated greenhouse gases	<p>The new Regulation on fluorinated greenhouse gases (No 517/2014) introduces far-reaching policy changes to reduce the use of fluorinated gases in equipment such as air conditioning, refrigeration, foams, fire protection and aerosols. Hence the Commission foresees the following actions:</p> <ul style="list-style-type: none"> • mapping existing standards and their relevance for the equipment types affected by the new fluorinated gas Regulation; • making recommendations on a review, update and possible harmonisation of these standards based on technological progress to enable the safe use of climate-friendly alternatives and removing unnecessary barriers to their uptake; • launching a review process in areas where this is deemed necessary. 	<p>In preparation - A preliminary study by an external consultant is carrying out a survey in Member States to find out where the obstacles and gaps are. Results are expected 3rd/4th quarter 2015. These results will be the basis for drafting a mandate to European standardization organisations. mandate to be finalised early 2016</p>	mandate to be finalised early 2016
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Climate change and Resource Efficient Europe	3.4.2.	Green Infrastructure	<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. Input from stakeholders and Member States, and through a study contract, the final results of which are expected in 2015, should help in considering the need for a mandate on further harmonising or developing Green Infrastructure-related standards.</p>	Assessing possibilities for standardisation of Green Infrastructure products, methodologies and procedures has started by contractor	Discussions on possible mandates within EC and with European standardisation organisations in 2nd quarter 2015, followed by assessing contract results in 3rd quarter 2015. Definition of mandates in 4th quarter 2015]
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Climate change and Resource Efficient Europe	3.4.3.	Sustainable food	The implementation of the action referred to in point 2.5.5 of the Commission's 2014 annual work programme is still to be considered as part of this UWP.	According to Annex 2 to Commission Work Plan on 2015, the Commission intends to adopt new, more ambitious proposal on by end 2015 to promote circular economy. This may lead to requests for standardisation activities from 2016 onwards.	Development of standards
Climate change and Resource Efficient Europe	3.4.4.	Sustainable use of phosphorus	Following up to the commitment made in the Roadmap to a resource-efficient Europe [COM(2011) 571], the Commission published in 2013 a Consultative Communication on the sustainable use of phosphorus. The follow up activities and policy actions to the consultation may lead to possible standardisation activities.	Action to be considered by the Commission on the basis of the new priorities set for Jobs, Growth and Investment	None

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/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	C(2015)5376	04/08/2015	31/01/2016		15/03/2016	
M/535	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 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	C(2015)2626	27/04/2015	27/06/2016		31/12/2015	

M/534	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	C(2015)2625	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	C(2015)1330	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	C(2015)1385	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	C(2015)557	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	C(2015)102	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)	C(2014)10238	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	C(2014)7912	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	C(2014)5058	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]	C(2014)3451	28/05/2014	28/06/2016	28/11/2020	28/06/2015	28/11/2020

List of mandates issued under Directive 98/34/EC

Mandate number	Title
M/525	Standards on pyrolysis oils produced from biomass feedstocks to be used in various energy applications or intermediate products for subsequent processing,
M/524	Standardisation mandate to European Standardisation Organisations (ESO) on air traffic management (ATM) interoperability for the ATM Master Plan
M/523	Mandate for standardisation addressed to CEN for methods of analysis in the field of animal nutrition - Part III
M/522	Mandate for standardisation addressed to CEN for methods of analysis in the field of animal nutrition - part II
M/521	Mandate for standardisation addressed to CEN for methods of analysis in the field of animal nutrition - part 1
M/520	Mandate for standardisation addressed to CEN for methods of analysis for mycotoxins in food
M/519	Mandate addressed to CEN, CENELEC and ETSI to develop standardisation in the field of light emitting diodes (LEDs)
M/518	Mandate to the European standardisation organisations for standardisation in the field of Waste Electrical and Electronic Equipment (Directive 2012/19/EU (WEEE))
M/517	Mandate addressed to CEN, CENELEC and ETSI for the programming and development of Horizontal Service Standards
M/516	Request addressed to CEN, CENELEC and ETSI for standardisation activities regarding facilities and equipment for interpretation services
M/515	Mandate for amending existing Eurocodes and extending the scope of structural Eurocodes

M/514	European standard method to determine fugitive and diffuse emissions of volatile organic compounds (VOC) from certain industrial sources to the atmosphere
M/513	Automatic determination by measurement of the concentration of gaseous hydrogen chloride (HCl) in waste gases emitted by industrial installations into the air
M/512	Mandate to CEN, CENELEC and ETSI for Reconfigurable Radio System
M/511	Mandate to CEN, CENELEC and ETSI relating to harmonised standards in the field of the Low Voltage Directive
M/510	Mandate to CEN/CENELEC/ETSI for the development of a European standard for Aerodrome mapping data
M/509	Programming mandate to CEN, CENELEC and ETSI on protective textiles and personal protective clothing and equipment
M/508	Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards for bicycles, bicycles for young children and luggage carriers for bicycles
M/507	Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards for gymnastic equipment
M/506	Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards for stationary training equipment
M/505	Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards in order to address certain risks posed to children by internal blinds, corded window coverings and safety devices
M/504	Standardisation mandate assigned to CEN under Directive 2007/23/EC on pyrotechnic articles with a view to Amendment of standard EN 15947: Fireworks, Categories 1,2 and 3

M/503	Mandate to CEN, CENELEC and ETSI in support of the Implementation of the Ambient Air Quality Legislation
M/502	Mandate to CEN, CENELEC and ETSI concerning standardization within the context of Regulation No. 3821/85 on recording equipment in road transport, for purpose of developing seals for digital tachographs
M/501	Mandate to the European Standardisation Organisations for standardisation in the field of equipment used in the offshore oil and gas industry
M/500	Mandate to CEN, CENELEC and ETSI for standardisation in the field of fans driven by motors with an electric input power between 125 W and 500 kW
M/499	Mandate to CEN, CENELEC and ETSI in the field of the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS recast Directive 2011/65/EU)
M/498	Mandate to CEN, CENELEC and ETSI in the field of pumps
M/497	Standardisation mandate to CEN, CENELEC and ETSI on the safety of child-care articles. Cluster 2 - Risks in the sleeping environment
M/496	Mandate addressed to CEN, CENELEC and ETSI to develop standardisation regarding space industry (Phase 3 of the process)
M/495	Standardisation mandate to CEN, CENELEC and ETSI under Directive 2009/125/EC relating to harmonised standards in the field of Ecodesign
M/494	Mandate addressed to CEN, CENELEC and ETSI for the elaboration of a feasibility study in the field of the Batteries Directive 2006/66/EC
M/493	Standardisation Mandate to the European Standards Organisations (ESO) in Support of the Location Enhanced Emergency Call Service
M/492	Mandate addressed to CEN, CENELEC and ETSI for the development of European standards and other standardisation deliverables for bio-based products
M/491	Mandate addressed to CEN, CENELEC and ETSI for the development of European standards and technical specifications and/or technical reports for bio-surfactants and bio-solvents in relation to bio-based product aspects

M/490	Standardisation mandate to the European Standardisation Organisations (ESOs) to support European Smart Grid deployment
M/489	Mandate to CEN concerning the execution of harmonisation work for harmonized standards on external thermal insulation composite systems/kits with rendering (ETICS) related to the following end uses: - 04/33 external walls (including cladding) - 11/33 external finishes of walls
M/488	Mandate to CEN, CENELEC and ETSI in the field of air conditioners and comfort fans
M/487	Programming mandate addressed to CEN, CENELEC and ETSI to establish security standards
M/486	Mandate for programming and standardisation addressed to the European standardisation bodies in the field of urban rail
M/485	Mandate to CEN, CENELEC and ETSI for standardisation in the field of fluorescent lamps, high-intensity discharge lamps, ballasts and luminaires able to operate such lamps
M/484	Standardisation mandate addressed to CEN to amend EN 71-1:2005+A9:2009 "Safety of toys - Part 1: Mechanical and physical properties" with regards certain aquatic toys
M/483	Mandate for programming and standardisation addressed to the European standardisation bodies under directive 2008/57/EC in the field of the interoperability of the rail system within the European Union
M/482	Mandate addressed to CEN to amend EN 71-1:2005+A9:2009 "Safety of toys - Part 1: Mechanical and physical properties" with regards to items that are propelled into free flight by a child releasing an elastic band
M/481	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of household dishwasher

M/480	Mandate to CEN, CENELEC and ETSI for the elaboration and adoption of standards for a methodology calculating the integrated energy performance of buildings and promoting the energy efficiency of buildings, in accordance with the terms set in the recast of the Directive on the energy performance buildings (2010/31/EU)
M/479	Mandate to CEN, CENELEC and ETSI for elaboration of standards regarding energy audits
M/478	Standardisation mandate to CEN, CENELEC and ETSI for the development of EU technical standards in the field of greenhouse gas emissions
M/477	Mandate to CEN, CENELEC and ETSI for standardisation in the field of eco-design of television
M/476	Mandate to CEN, CENELEC and ETSI for standardisation in the field of variable speed drives and/or Power Drive System products
M/475	Mandate to CEN for standards for biomethane for use in transport and injection in natural gas pipelines
M/474	Standardisation mandate to CEN/CENELEC concerning the execution of standardisation work for harmonized standards on sealants for non-structural use in buildings and pedestrian walkways
M/473	Standardisation mandate to CEN, CENELEC and ETSI to include "Design for All" in relevant standardisation initiatives
M/472	Standardisation mandate given to the European Committee for Standardisation (CEN) under directive 1989/686/EEC on Personal Protective Equipment with a view to amendment of standard EN 353-1:2002 - Personal protective equipment against falls from a height - Part 1: Guided type fall arresters including a rigid anchor line
M/471	Mandate addressed to CEN for standardisation in the field of machinery for pesticide application
M/470	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of electric motors

M/469	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of circulators
M/468	Standardisation mandate addressed to CEN and CENELEC and ETSI concerning the charging of electric vehicles
M/467	Standardisation mandate addressed to CEN and CENELEC: modification and completion of EN 60601-2-52 to prevent entrapment of children and of adults with an atypical anatomy in medical beds and entrapment of children in medical cots
M/466	Programming mandate addressed to CEN in the fields of the structural Eurocodes
M/465	Standardisation mandate addressed to CEN on the safety of consumer-fitted child-resistant locking devices for windows and balcony doors
M/464	Standardisation Mandate to CEN on the safety of child-care articles: Cluster 1 (drowning risks), bath rings, bathing aids, bath tubs and stands.
M/463	Mandate for Standardisation addressed to CEN for the methods of analysis for food contaminants
M/462	Standardisation mandate addressed to CEN, CENELEC and ETSI in the field of ICT to enable efficient energy use in fixed and mobile information and communication networks
M/461	Mandate addressed to CEN, CENELEC and ETSI for Standardization activities regarding Nanotechnologies and Nanomaterials
M/460	Standardisation Mandate to the European Standardisation Organizations CEN, CENELEC and ETSI in the field of Information and Communication Technologies applied to Electronic Signatures
M/459	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of household refrigerating appliances
M/458	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of household washing machines

M/457	Standardisation mandate to CEN, CENELEC and ETSI in the field of tyre pressure gauges for motor vehicles and tyre pressure management systems (measuring instruments)
M/456	Mandate to CEN for the development of European standards to establish the petrol vapour recovery efficiency of new Stage II petrol vapour recovery equipment and the in-use performance of such equipment once installed at service stations.
M/455	Standardisation mandate to CEN, CENELEC and ETSI on a common Charging Capability for Mobile Telephones
M/454	Second amendment to: Standardisation Mandate M/335 assigned to CEN concerning the modernisation of the methods of analysis of fertilisers
M/453	Standardisation mandate addressed to CEN, CENELEC and ETSI in the field of information and communication technologies to support the interoperability of co-operative for intelligent transport in the European community
M/452	Standardisation mandate to CEN, CENELEC and ETSI in the field of Directives 1999/5/EC, 2006/95/EC and 2001/95/EC for health and safety aspects of personal music players and mobile phones with a music playing function
M/451	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of power consumption measurement of simple set-top boxes in active and standby modes
M/450	Mandate to CEN, CENELEC and ETSI for Standardisation in the field of measurements of no-load condition electric power consumption and average active efficiency of external power supplies
M/448	Standardisation mandate assigned to CEN concerning the revision of methods of analysis to detect the release of nickel from spectacle frames and sunglasses (Revision of EN 1811:1998)
M/447	Amendment to Horizontal complement to the mandates to CEN/CENELEC concerning the execution of standardisation work of the evaluation of construction products and elements in respect of their resistance to fire

M/446	Standardisation Mandate to CEN, CENELEC and ETSI for safety requirements for handheld multimeters for domestic use in the field of the Low voltage directive 2006/95/EC
M/445	Standardisation mandate addressed to CEN and CENELEC within the framework of Directive 2009/48/EC revising Directive 88/378/EEC concerning the safety of Toys
M/444	Amendment to Mandate M/113 to CEN/CENELEC concerning the execution of standardisation work for harmonized standards on wood-based panels
M/443	Mandate to CEN and CENELEC concerning the execution of standardisation work for harmonized standards on power, control and communication cables related to the following end uses: 24/33: Supply of electricity, 26/33: Communications, 28/33: Fire detection and alarm
M/442	Amendments to Mandate to CEN and CENELEC concerning the execution of standardisation work for a harmonized standard on chimneys, flues and specific products,
M/441	Standardisation mandate to CEN, CENELEC and ETSI in the field of measuring instruments for the development of an open architecture for utility meters involving communication protocols enabling interoperability
M/440	Standardisation mandate given to the European committee for standardisation (CEN) under directive 2006/42/EC on machinery with a view to amendment of standard EN 12312-9:2005 - Aircraft ground support equipment - Specific requirements - Part 9: Container/Pallet loaders
M/439	Mandate for CEN, CENELEC, and ETSI for standardisation in the field of standby and off modes power consumption measurement for energy using products (EuPs)
M/438	Mandate to CEN, CENELEC and ETSI for the development of European standards for interoperability of the European Air Traffic Management Network (EATMN) for data link services

M/437	Standardisation Mandate given to European Committee for standardisation (CEN) under directive 98/37/EC on machinery with a view to amendment of standard EN ISO 4254-1 "Agricultural machinery - Safety - Part 1: General requirements"
M/436	Standardisation mandate to the European Standardisation Organisation CEN, CENELEC and ETSI in the field of information and communication technologies applied to Radio Frequency Identification (RFID) and systems
M/435	Mandate to CEN, CENELEC and ETSI for the development of a standards on inspection of pesticide application equipment in use,
M/434	Standardisation mandate given to CEN under EC Directive 97/23/EC relating to pressure equipment with a view to revision of standard EN 3-8:2006
M/433	Standardisation mandate addressed to CEN and CENELEC within the framework of Directive 2007/47/EC, amending Directive 93/42/EEC relating to Medical Devices, concerning graphical symbols for use in the labelling of medical devices containing phthalates
M/432	Standardisation Mandate addressed to CEN and CENELEC within the framework of Directive 2007/47/EC amending Directive 90/385/EEC and Directive 93/42/EEC relating to Medical Devices
M/431	Mandate addressed to CEN to establish a programme of standards for assessing the greenhouse gas (GHG) emissions in energy-intensive industries
M/430	Mandate addressed to CEN for the development of European Standards and CEN workshop agreements for BIO-Polymers and BIO-Lubricants in relation to BIO-Based products aspects
M/429	Mandate addressed to CEN, CENELEC and ETSI for the elaboration of a standardisation Programme for Bio-based Products
M/428	Standardisation Mandate addressed to CEN in the field of Postal services and equipment
M/427	Standardisation mandated to CEN relative to child resistance requirements for cigarette lighters

M/426	Standardisation mandate assigned to CEN concerning the microbiological analysis of cosmetic products
M/425	Standardisation mandate to CEN relative to the fire safety requirement for cigarettes
M/424	Mandate for standardisation addressed to CEN for the development or improvement standards in support of the water framework directive
M/423	Mandate for standardisation addressed to CEN for the improvement of the European handbook for Defence procurement
M/422 rev1	Mandate for standardisation addressed to CEN in the field of methods of analysis for heavy metals and iodine in food
M/422	Mandate for standardisation addressed to CEN in the field of methods of analysis for heavy metals and iodine in food
M/421	Mandate to the European standardisation organisations for standardisation in the field of vehicle OBD, repair and Maintenance information
M/420	Standardisation mandate to CEN, CENELEC and ETSI in support of European accessibility requirements for public procurement in the build environment
M/419	Standardisation mandate addressed to CEN for the development of a series of standards on supply chain security
M/418 rev2	Amendment to standardization mandate M/335 assigned to CEN concerning the modernisation of the method of analysis of fertilizers
M/418	Standardization mandate M/335 assigned to CEN concerning the modernisation of the methods of analysis of fertilizers
M/417	Standardisation mandate addressed to CEN, CENELEC, and ETSI for the use of Harmonised Standards in support of the new legal framework and sectoral certification schemes
M/416	Standardization mandate assigned to CEN concerning pyrotechnic articles
M/415	M/415 programming mandate addressed to CEN, CENELEC and ETSI to establish space industry standards.

M/414	M/414 standardisation mandate addressed to CEN for revision of methods of analysis to detect the release of nickel from products intended to come into direct and prolonged contact with the skin (revision of the standard method EN 1811:1998).
M/413	M/413 standardisation mandate addressed to CEN for methods of analysis to detect polycyclic aromatic hydrocarbons (PAH) in extender oils.
M/412	Standardisation mandate to CEN and CENELEC in the field of non-automatic weighing instruments for the revision of EN 45501:1992
M/411	Standardisation mandate to CEN to amend the standard EN 71-1:2005; clause 5.12 on object intended for drinking
M/410	Standardisation mandate to CEN to draw up a standard for magnetic toys
M/409	Mandate addressed to CEN/CENELEC/ETSI for the elaboration of a programme of standards to take into account the specific properties of nanotechnologies and nanomaterials
M/408	Mandate to CEN/CENLEC/ETSI for the development of European standard (First part of second set of community specifications) for interoperability of the European air traffic management network (EATMN)
M/407	Standardisation mandate forwarded to CEN/CENELEC/ETSI for harmonised standards covering ultra-wideband equipment
M/406	Standardisation mandate forwarded to CEN/CENELEC/ETSI for harmonised standards for equipment operating in flexible bands
M/405	Standardisation mandate forwarded to CEN/CENELEC/ETSI for harmonised standards covering air traffic management equipment
M/404	Standardisation Mandate to CEN, CENELEC and ETSI for harmonized standard according to the Electro Magnetic Compatibility (EMC) Directive 2004/108/EC
M/403	Standardisation mandate addressed to CEN, CENELEC and ETSI in the field of Information and communication technologies

M/402	Mandates for standardisation addressed to CEN for methods of analysis to detect perfluorooctane sulphonates in preparations, semifinished products and articles including textile and coated materials,
M/401	Standardisation mandate to CEN for the creation of a European standard on volumetric flow from stationary sources in the field of air emissions
M/400	Mandate to CEN for Standardisation in the field of gas qualities
M/399	Mandate to CEN and CENELEC for standardisation in the field of agricultural tractors - Hazardous substances
M/398	Mandate to CEN and CENELEC for standardisation in the field of agricultural tractors - Roll-over protection for passengers
M/397	Training devices for cosmetic purposes
M/396	Mandate to CEN and Cenelec for standardisation in the field of machinery
M/395	Mandate to CEN for the development of standardised methods relating to the characterisation of wastes from the extractive industries
M/394	Mandate to CEN on the revision of EN 590 to increase the concentration of FAME and FAEE to 10% v/v
M/393	Mandate to CEN for standards for Fatty Acid Ethyl Ester for use in diesel engines and heating fuels
M/392	0
M/391	Standardisation mandate forwarded to CEN/CENELEC/ETSI in the field information technology and telecommunications
M/390	Mandate to CEN/CENELEC/ETSI for the development of European standards (First set of community specifications) for interoperability of the European air traffic management network (EATMN)
M/389	Standardisation mandate assigned to CEN concerning methods for testing efficacy of sunscreen products
M/388	Standardisation Mandate to CEN for Standard Measuring methods for the determination of dioxin-like PCBs from stationary sources

M/387	AMENDMENT TO: Mandate M/124 to CEN/CENELEC concerning the execution of standardisation work for harmonized standards on Road construction products
M/386	AMENDMENT TO: Mandate M/107 to CEN/CENELEC concerning the execution of standardisation work for Harmonized standards on Geotextiles
M/385	AMENDMENT TO: Horizontal complement M/88 to the mandates to CEN/CENELEC concerning the execution of standardisation work for the evaluation of construction products in respect of their reaction to fire
M/384	Standardization mandate to CEN concerning the development of European standards relating to colour coding systems intended for specimen receptacles used for in vitro diagnostic medical devices
M/383	Mandate for standardisation addressed to CEN in the field of Methods of analysis for Mycotoxins in food
M/382	Mandate for standardisation addressed to CEN in the field of Methods of analysis for animal Feedingstuffs
M/381	Mandate for standardisation addressed to CEN in the field of Methods of analysis of foodstuffs concerning Food Hygiene
M/380	Standardisation mandate given to the European Committee for standardisation (CEN) under EC Directive 98/37/EC relating to Machinery with a view to revision of Standard EN 13683:2003 "Garden equipment - Integrally powered shredders/chippers - Safety"
M/379	Standardisation mandate given to the European Committee for standardisation (CEN) under EC Directive 98/37/EC relating to Machinery with a view to revision of Standard EN ISO 14122-4:2004 "Safety of machinery Permanent means of access to machinery - Part 4: Fixed ladders"
M/378	Standardisation mandate to CEN in relation to customer contact centres

M/377	Standardisation mandate given to the European Committee for Standardisation (CEN) under EN Directive 98/37/EC relating to Machinery with a view to Revision of standard EN 13000:2004 "Cranes - Mobile cranes"
M/376	Standardisation mandate to CEN, CENELEC and ETSI in support of European accessibility requirements for public procurement of products and services in the ICT domain
M/375	Standardisation mandate assigned to CEN concerning good manufacturing practice for cosmetics products
M/374	Mandate to CEN and CENELEC for standards in the field of measuring instruments
M/373	Programming mandate to CEN and CENELEC relating to Directive 2000/14/EC on Noise emitted by equipment for use outdoors
M/372	Standardisation mandate to CEN relating to floating leisure products for use on or in the water
M/371	Second programming mandate addressed to CEN in the field of services
M/370	Standardisation mandate for CEN and CENELEC for the drafting of a normative document on the quality of business support services
M/369	Amendment to: Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonized standards on Space heating appliance and energy capturing appliances
M/368	Amendment to: Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on sanitary appliances
M/367	Addendum to: Mandate to CEN/CENELC concerning the execution of Standardisation work for harmonized standards on M/103
M/366	Concerning the execution of standardisation work for the development of horizontal standardised assessment methods for harmonized approaches relating to dangerous substances under the construction products directive (CPD)

M/365	Standardisation mandate to the CEN on the harmonisation of cataloguing and indexing practices of cinematographic works and on the interoperability of film databases
M/364	Harmonised standards for specific short range devices used for Euroloop and Eurobalise applications giving presumption of conformity with the R&TTE Directive (1999/5/EC).
M/363	Harmonised standards for specific short range devices used for short range radar equipment operating in the 24 GHz range.
M/362	Harmonised standards for ensuring the safety of batteries in hand-held radio and telecommunications terminal equipment.
M/361	Standardisation mandate to CEN for standard measuring methods for the determination of total deposition of Benzo(a)Pyrene and other polycyclic aromatic Hydrocarbons such as Benzo(a)anthracene, Benzo(b)Fluoranthene, Benzo(j)fluoreanthene, Benzo(k)fluoreanthene, indeno(1,2,3-cpd) pyrene and dibenz(a,h)anthracene
M/360	Standardisation mandate to CEN for standard measuring methods for the determination of total gaseous mercury in ambient air and the total deposition of mercury
M/359	Standardisation mandate forwarded to CEN/CENELEC/ETSI for equipment covered by the EMC Directive intended to be installed in vehicles
M/358	Standardisation mandate forwarded to Cen/Cenelec/Etsi in the field of ICT
M/357	Standardisation mandate forwarded to Cen/Cenelec/Etsi in the field of information technology and telecommunications
M/356	Standardisation mandate to CEN and CENELEC for the development of an EN guidance standard concerning a staged implementation of environmental management systems (EMS)

M/355	Programming mandate addressed to the European standardisation organisations for the elaboration of European standards to identify and reduce crime risk in products and services
M/354	Mandate to CEN and CENELEC, ETSI for the development of European standards for interoperability of the European air traffic management networks
M/353	Mandate to CEN and CENELEC for the elaboration and adoption of measurement standards for household appliances: Vacuum cleaners
M/352	Supplement n°2 to the CEN's standardisation Mandate concerning methods of analysis for materials and articles intended to come into contact with foodstuffs
M/351	Standardisation mandate addressed to CEN, CENELEC and ETSI to develop harmonized standards for the assessment, measurement and calculation of worker's exposure to static magnetic and varying electric, magnetic and electromagnetic fields with frequencies from 0Hz to 300 GHz
M/350	Development of Horizontal Standardised Methods for the assessment of the integrated Environmental performance of buildings
M/349	Mandate addressed to CEN, CENELEC and ETSI for the elaboration of a feasibility study in the area of hydrogen and fuel cells
M/348	Standardisation mandate to CEN for updating national test methods related to the biodegradability of surfactants
M/347	Programming mandate to CEN, CENELEX and ETSI relating to measuring instruments
M/346	Surface temperatures of accessible non-functional surfaces of electrical equipment included in the scope of the LVD
M/345	Standardisation Mandate to CEN for standard measuring methods for the determination of deposition of heavy metals except mercury
M/344	Mandate to CEN on Ethanol as an oxygen extender to gasoline

M/343	Mandate to CEN, CENELEC and ETSI for the elaboration and adoption of standards for a methodology calculating the integrated energy performance of buildings and estimating the environmental impact, in accordance with the terms set forth in Directive 2002/91/EC
M/342	Standardization mandate to CEN/CENELEC concerning the development of European standards relating to medical devices (Subject: hyperbaric chambers for medical purposes)
M/341	MANDATE TO CEN/CENELEC/ETSI FOR PROGRAMMING OF STANDARDIZATION WORK IN THE FIELD OF ECO-DESIGN OF ENERGY-USING PRODUCTS
M/340	Programming mandate addressed to CEN, CENELEC and ETSI in the field of services
M/339	Standardisation mandate to CEN, CENELEC and ETSI in support of interoperability of electronic invoicing in the community
M/338	Standardisation mandate to CEN, CENELEC and ETSI in support of interoperability of electronic road toll systems in the community
M/337	Programming mandate to CEN and CENELEC relating to intermodal loading units
M/336	Mandate to CEN, CENELEC and ETSI for standardization work in the field of waste from electrical and electronic equipment
M/335	Standardization Mandate assigned to the CEN concerning the modernisation of the methods of analysis of Fertilizers
M/334	Mandate for programming and standardisation addressed to CEN, CENELEC and ETSI in the field of the Interoperability of the trans-European conventional rail system
M/333	Standardization mandate to CEN concerning flammability of mattresses and bed bases for medical purposes
M/332	Standardization mandate to CEN/CENELEC concerning a proposed amendment to clarify matters of electrical safety in the application of EN 1970:2000 "Beds for the disabled"

M/331	<p>Mandate given to CEN, CENELEC and ETSI in support of the regulatory framework for electronic communications networks and services, namely: - Directive 2002/21/EC of the European Parliament and the Council of 7 March 2002 on a common regulatory framework for electronic communications networks and services (Framework Directive).</p> <p>This mandate refers in particular to article 18 of the Directive on the interoperability of digital interactive television services.</p>
M/330	Mandate given to CEN for the development of horizontal standards in the fields of sludge, biowaste and soil.
M/329	Mandate given to CEN, CENELEC and ETSI in the field of information technology and telecommunications - Harmonised standards covering Ultra wide band (UWB) applications
M/328	<p>Mandate to CEN, CENELEC and ETSI in support of the new regulatory framework for electronic communications networks and services. This new regulatory framework consists of five Directives: 2002/21/EC, 2002/20/EC, 2002/19/EC, 2002/22/EC, 2002/58/EC</p>
M/327	Mandate given to CEN under EC directive 90/396/EEC relating to appliances burning gaseous fuels with a view to revision of Standard EN 521:1998 " Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances"
M/326	Standardization mandate to CEN for the development of standardized methods for the characterization of waste
M/325	Mandate to CEN on Solid Recovered Fuels (SRF)
M/324	Mandate to CEN and CENELEC for the elaboration and adoption of measurement standards for household appliances : Water-heaters, hot-water storage appliances and water heating systems

M/323	Standardization mandate given to the European Committee for Standardization (CEN) under EC Directive 98/37/EC relating to machinery with a view to revision of standard EN 1495:1997 "Lifting platforms - mast climbing work platforms".
M/322	Standardization mandate addressed to CEN, CENELEC and ETSI in the field of electrotechnology, information technology and telecommunications
M/321	Standardization mandate to CEN/CENELEC concerning the development of European standards relating to medical devices (Subject: sub-categories for medical devices)
M/320	Standardization mandate to CEN concerning the development of European standards relating to medical devices (subject: breast implants)
M/318	Air Traffic Management Systems and GALILEO local components
M/317	Second standardization mandate to CEN related to the packaging and packaging waste directive 94/62/EC
M/316	Standardization mandate to CEN for standard measuring methods of benzo(a)pyrene in ambient air
M/315	Mandate to CEN for standardization in the field of methods of analysis for animal feeding stuffs
M/313	EMC for telecom networks
M/312	Standardization mandate addressed to the CEN in the field of the postal services and equipment
M/311	Standardization mandate awarded to the CEN within the framework of Directive 98/37/EC relating to machinery, with a view to revision of EN standard 848-3:1999 concerning the safety of woodworking machines
M/310	Mandate to CEN/CLC for the elaboration and adoption of standards for the definition and the measurement method for the determination of stand-by losses of domestic appliances and domestic lighting equipment
M/309	Mandate to CEN in the area of standardization related to the safety of consumers: drawstrings or cords on children's clothing

M/307	Mandate to CEN concerning the execution of standardization work, within the context of directive 89/686/CEE relating to personal protective equipment, for the purpose of revising standard EN 795 "Protection against falls from a height - anchor devices - requirements and testings"
M/306	Mandate to the European standardization bodies on technologies for humanitarian demining
M/305	Standardization mandate addressed to CEN, CENELEC and ETSI in the field of electrotechnology, information technology and telecommunications
M/304	Standardization mandate to CEN relative to fire resistance of nightwear
M/303	Mandate awarded to CEN within the framework of Directive 98/37/EC relating to machinery, with a view to revision of ISO standard 11681-2 concerning the safety of chain saws for tree service
M/302	Mandate given to CEN under EC Directive 98/37 relating to machinery with a view to revision of standard EN 703 on the safety of silage cutters
M/301	Mandate to CEN concerning the execution of standardization work, within the context of directive 98/37/EC relating to machinery, for the purpose of revising standards EN 1726-1 and EN 1459 relating to the safety of industrial trucks
M/300	Mandate for standardisation addressed to CEN, CENELEC and ETSI in the field of Cableway installations designed to carry persons
M/298	Mandate to CEN for standardisation in the field of solid biofuels
M/295	Standardization mandate to CEN/CENELEC concerning the development of European standards relating to medical devices
M/294	Mandate to CEN/CENELEC for the elaboration and adoption of measurement standards for household gas ovens
M/293	Standardization mandate to CEN, CENELEC and ETSI related to the safety of consumers and children: child safety
M/292	Mandate in the field of standardization to CEN, CENELEC and ETSI relative to the safety of consumers and children - Product information

M/291	Supplement to the Standardization mandate to CEN concerning methods of analysis for materials and articles intended to come into contact with foodstuffs
M/290	Standardization mandate to CEN, CENELEC and ETSI in the field of information society standardization in support of the European legal framework for electronic signatures - Phase 2
M/289	Standardization Mandate addressed to CEN, CENELEC and ETSI in the field of Information Society, in support of the European Directive on the protection of individuals with regard to the processing of personal data and the free movement of such data (Directive 95/46/EC of the European Parliament and of the Council of 14 October 1995)
M/288	Standardization mandate to CEN in order to elaborate an EN standard similar to the future standard ISO 9001:2000 for application in the regulatory field (application of modules, etc, ...)
M/287	Mandate to CEN for a uniform system for fuel quality monitoring
M/286	Standardization mandate to CEN for standard measurement methods of PM 2.5 in ambient air
M/285	Standardization mandate to CEN relative to the safety of consumers and children: ladders
M/284	Harmonized standards for the R&TTE Directive
M/283	Mandate to the European Standards Bodies for a guidance document in the field of safety and usability of products by people with special needs (e.g. elderly and disabled)
M/282	Standardisation Mandate addressed to CEN, CENELEC and ETSI concerning electromagnetic compatibility related to aircraft and aeronautical equipment.
M/281	Mandate to CEN concerning the execution of standardization work, within the context of directive 89/686/CEE relating to personal protective equipment, for the purpose of revising standard EN 1384 relating to helmets for equestrian sports

M/280	Standardization mandate addressed to CEN, CENELEC and ETSI in the field of information and telecommunication technologies in the domain of learning and training Technologies & educational multimedia software
M/279	Standardization mandate to CEN, CENELEC and ETSI in the field of information and telecommunication technologies in support of a European legal framework for electronic signatures
M/278	Standardization mandate to CEN for manual reference methods for the calibration of automated measurement systems for sulphur dioxide (SO ₂) and nitrogen oxides (NO _x) emissions in stack
M/277	Standardization mandate to CEN for manual reference methods for the calibration of automated measurement systems for oxygen (O ₂) and water vapour (H ₂ O) emissions in stack
M/276	Standardization mandate to CEN for manual reference methods for the calibration of automated measurement systems for carbon monoxide (CO) emissions in stack
M/275	Mandate to CEN/CENELEC/ETSI for standardization in the field of railway equipment on the interoperability of the Trans-European high-speed rail system
M/274	Mandate to CEN/CENELEC for the elaboration and adoption of standards for the measurement method for the determination of the efficiency of individual air conditioners
M/273	Mandate to the European Standards bodies for Standardization in the field of information and communication technologies (ICT) for disabled and elderly people
M/272	Standardization mandate to CEN, CENELEC and ETSI in the field of information and telecommunication technologies on harmonized standards for GSM cordless telephony system

M/271	Standardization mandate to CEN, CENELEC and ETSI in the field of information and telecommunication technologies on harmonized standards for R-GSM terminals
M/270	Standardization mandate forwarded to the European Standardization bodies in the field of road transport telematics
M/269	Standardization mandate to CEN concerning specifications for recyclable waste and secondary raw material
M/268	Mandate to CEN/CENELEC for the elaboration and adoption of standards for the measurement method for the determination of the efficacy of fluorescent lighting luminaires
M/267	Measurement method for power consumption of audio systems
M/266	Standardization mandate to CEN in the field of the safety of consumers and children related to lighters
M/265	Mandate to CEN for the conversion of the Eurocodes from ENV into EN concerning the structural and geotechnical design of buildings and civil engineering works
M/264	Mandate to CEN and CENELEC in the field of consumer safety related to the safety of child-care articles
M/263	Mandate to CEN in the field of standardization relative to the safety of consumers for a feasibility study on possible standardization on fire resistance of nightwear
M/262	Standardization mandate to CEN, CENELEC and ETSI in the field of information and telecommunication technologies for studies and programmes in the field of consumer requirements in the information society
M/259	Mandate for standardization addressed to CEN in the field of consumer safety for oil-lamps
M/258	Standardization mandate to CEN and CENELEC for standard measuring methods of Pb, Cd, As, Ni in ambient air

M/257	Standardization mandate to CEN and CENELEC for standard measuring methods of benzene in ambient air
M/256	Standardization mandate to CEN for standard measuring methods of SO ₂ , NO ₂ , CO, O ₃ in ambient air
M/255	Standardization mandate to CEN, CENELEC and ETSI in the field of health care informatics
M/253	Mandate in the field of standardization to CEN relative to the safety of consumers - baby walkers
M/252	Standardization Mandate to CEN/CENELEC concerning the development of European standards relating to in vitro diagnostic medical devices
M/251	Introduction of Number Portability in the GSM system family
M/249	Mandate to CEN and CENELEC for a feasibility study on the need and proposed form of a guide to the selection of Personal Protection Equipment
M/248	Standardization mandate to CEN and CENELEC for quality assurance of automated measuring systems
M/245	Mandate to CEN for the elaboration and adoption of standards concerning minimum requirement specifications including test methods for Fatty Acid MethylEster (FAME) as fuel for diesel engines and for space heating
M/244	Efficiency of general purpose low-voltage 3 phase induction electric motors
M/241	Mandate in the field of standardization to CEN relative to the safety of consumers (M/201) - bunk beds
M/240	Mandate to CEN for standardisation in the field of postal services and equipment
M/239	Mandate to CEN/CENELEC/ETSI for standardization, and a study, in the field of air traffic management equipment and systems
M/238	Mandate to CEN for standardization in the field of fire-resistant hydraulic fluids used for power transmission and control (hydrostatic and hydrokinetic)
M/237	Mandate to CEN, CENELEC and ETSI for standardization in the field of equipment for the space industry

M/236	CEN standardisation mandate in the field of toy safety related to the amendment of standard EN 71, part 1 concerning the physical and mechanical properties of open-air crossbeams
M/235	Cultural heritage
M/234	Internet
M/233	Mandate to CEN and CENELEC for standardization in the field of safety of equipment for fairgrounds and amusement parks
M/232	Emissions of Heavy metals & metalloids to the air
M/229	Mandate to CEN for standardization in the field of toy safety - organic chemical compounds in toys other than chemical toys
M/213	Broadband Integrated Services Digital Network
M/212	ICT - metallic and optical cables and cabling systems
M/211	Standardization mandate forwarded to CEN/CENELEC/ETSI in the field of information technology and telecommunications concerning Standards for IC cards for road toll collection
M/210	Electronic toll systems (prog.)
M/204	Water heater and hot water storage appliances
M/203	Household ovens
M/202	Household light sources
M/201	Framework for standardization mandates in the field of consumer safety
M/200	Mandate to CEN for standardization and a study related to packaging and packaging waste
M/139	Addendum to mandates M/100, M/106, M/109, M/110 and M/125 in the field of construction products
M/138 rev1	Amendment to Mandate M/138
M/138	Addendum to Mandate M/103 on Thermal Insulation Products

M/137	Amendment to mandates M/102, M/103, M/105, M/106, M/108, M/110, M/112, M/113, M/116, M/119, M/120, M/122, M/124, M/126, M/127, M/128, M/129, M/131, M/132 and M/133, issued in the context of the construction products directive (89/106/EEC)
M/136 rev2	Revised mandate M/136 to CEN and CENELEC concerning the execution of standardisation work for harmonised standards on construction products in contact with water intended for human consumption related to the following end use: Transportation, storage and distribution up to, and including the consumer tap of the water intended for human consumption
M/136 rev1	Construction product in contact with water intended for human consumption related to the following end use: Transportation, storage and distribution up to, and including the consumer tap of the water intended for human consumption
M/136	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on construction products in contact with water intended for human consumption
M/135_Am1	First amendment to mandate M/135 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on glass
M/135	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on flat glass, profiled glass and glass block products
M/134	Amendment to the mandates to CEN/CENELEC concerning the execution of standardization work for the evaluation of construction products in respect of their resistance to fire (M/BC/CEN/91/9)
M/133	Amendment to the mandates to CEN/CENELEC concerning the execution of standardization work for the evaluation of construction products in respect of their reaction to fire (M/088)

M/132_Am1	First amendment to mandate M/132 addressed to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on premix glass beads
M/132	Addenda to the mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on circulation fixtures, structural bearings and floorings
M/131	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on pipes, tanks and ancillaries, not in contact with water intended for human consumption
M/130	Amendment to the mandates to CEN/CENELEC concerning the execution of standardization work for harmonized standards on thermal insulation products, doors, windows, shutters, gates & related building hardware, membranes -precast normal/lightweight/autoclaved aerated concrete products, chimneys, flues & specific products, gypsum products and fire alarm/detection, fixed fire-fighting, fire and smoke control and explosion suppression products
M/129	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on space heating appliances
M/128	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on products for concrete, mortar and grout
M/127	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on construction adhesives
M/126	Amendments to the mandates to CEN/CENELEC concerning the execution of standardization work for harmonized standards on thermal insulation products, doors, windows, shutters, gates & related building hardware and membranes - precast normal/lightweight/autoclaved aerated concrete products
M/125 rev1	Amendment to mandate to CEN and CENELEC concerning the execution of standardisation work for harmonised standards on aggregates

M/125	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on aggregates
M/124_Am1	First amendment to mandate M/124 addressed to CEN concerning the execution of standardisation work for harmonised standards on road construction products
M/124	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on road construction products
M/123	Horizontal complement to the mandates to CEN/CENELEC concerning the execution of standardization work for the evaluation of construction products in respect of their reaction to fire
M/122_Am1	First amendment to mandate M/122 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on roof coverings
M/122	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on roof coverings, roof lights, roof windows and ancillary products
M/121_Am1	First amendment to mandate M/121 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on wall and ceiling finishes
M/121	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on internal and external wall and ceiling finishes
M/120	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on structural metallic products and ancillaries
M/119 rev1	Amendment to mandate to CEN and CENELEC concerning the execution of standardisation work for harmonised standards on floor coverings
M/119	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on floorings

M/118 rev1	Addendum to mandate to CEN and CENELEC concerning the execution of standardisation work for harmonised standards on mandate M/118 waste water engineering products
M/118	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on waste water engineering products
M/117	Horizontal complement to the mandates to CEN/CENELEC concerning the execution of standardization work for the valuation of construction products and elements in respect of their resistance to fire
M/116_Am1	First amendment to mandate M/116 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on masonry products
M/116	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on masonry and related products
M/115 rev	Revised mandate M/115 to CEN/CENELEC concerning the execution of standardisation work for harmonized standards on reinforcing and prestressing steel (for concrete)
M/115	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on reinforcing and prestressing steel for concrete
M/114	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on cements, building limes, and other hydr. binders
M/113_Am1	First amendment to mandate M/113 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on wood based panels
M/113	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on wood based panels
M/112_Am1	First amendment to mandate MY112 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on structural timber products and ancillaries

M/112	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on structural timber products
M/111	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on circulation fixtures
M/110	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on sanitary appliances
M/109	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on fire alarm/detection, fixed firefighting, fire and smoke control and explosion suppression products
M/108	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on curtain walling
M/107	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on geotextiles
M/106_Am2	Second amendment to mandate 106 (gypsum products) addressed to CEN in order to include in the mandate the subfamily gypsum board partition kits (GBPK) related to the following end uses: internal walls or participations
M/106_Am1	First amendment to mandate M/106 - Mandate to CEN/CENELEC concerning the execution of standardisation work for harmonised standards on gypsum products
M/106	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on gypsum products
M/105	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on chimneys, flues and specific products
M/104	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on structural bearings
M/103 rev	Amendment to mandate to CEN and CENELEC concerning the execution of standardisation work for harmonised standards on thermal insulation products (m/103)

M/103	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on thermal insulating products
M/102	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on membranes
M/101_106_Am1	First amendment to mandates M/101 and M/126 to CEN/CENELEC concerning the execution of standardisation work on construction products intended to be used for external and internal doors and windows, (including fire doors and shutters)
M/101	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on doors, windows and related products
M/100	Mandate to CEN/CENELEC concerning the execution of standardization work for harmonized standards on precast concrete products
M/096	Revision - Development EN 4500
M/095	In vitro diagnostic (prog.)
M/090	EWOS overall + standards
M/089	Solar Photovoltaic energy systems and components
M/088	CPD: Reaction to fire
M/087	Standardization in the field of wind turbines
M/086	Mandate to CEN for standardization in the field of transport of dangerous goods
M/084	Standardization mandate to CEN and CENELEC for the development of European Standards for the qualification of construction enterprises
M/083	Machinery
M/079	Mandate to CEN and CENELEC for standardization in the field of machines
M/077	Mandate to CEN/CENELEC on standards for thermal solar systems and components
M/076	Mandate to CEN/CENELEC for standardization in the field of advanced ceramics
M/075	Revised mandate to CEN for standardization in the field of recreational craft

M/074	Mandate to CEN/CENELEC for the elaboration of a programme for measurement standards for certain type of household appliances
M/072	Study mandate to CEN for a proposal regarding inclusion of organo-mineral fertilizers into annexes of Directive 76/116/EEC
M/071	Mandate to CEN for standardization in the field of Pressure equipment
M/070	Equipment and installation for transport and distribution of electricity
M/069	Precious metals
M/068	Programming mandate to CEN/CENELEC/ETSI in the field of passenger transportation by rope
M/066	Standardization mandate to CEN concerning Efficiency requirements for boilers
M/055	Standardization mandate to CEN for explosives for civil uses
M/054	Standardization mandate forwarded to CEN/CENELEC, ETSI in the field of Information Technology and Telecommunications concerning the definition of a work programme for European standardization related to Information Systems Engineering (ISE)
M/053	Standardization mandate forwarded to CEN, CENELEC and ETSI in the field of Information Technology and Telecommunications concerning the adoption of a set of European standards and execution of related pre-standardization activities as defined in the CEN/EWOS work programme for 1994
M/052	Standardization mandate to CEN concerning methods of analysis for materials and articles intended to come into contact with foodstuffs
M/051	Study and standardization remit assigned to the CEN concerning the updating of the methods of analysing the chelated trace-element content of fertilizers
M/050	Mandate to CEN concerning standards in the field of environmental audit and environmental management systems, and programming request in view of a standard for environmental statements
M/049	Mandate to CENELEC for the elaboration and adoption of measurement standards for household dishwashers

M/048	Mandate to CENELEC for the elaboration and adoption of measurement standards for household dryers
M/047	Measurement Standards for household washing machines
M/046	Mandate to CEN/CENELEC for the elaboration and adoption of measurement standards for household refrigerators and freezers
M/043	Standardization mandate given to CEN regarding the revision of European Standard EN 272 on tactile warnings of danger
M/041	Mandate to CEN covering quality criteria in open systems test specification development
M/040	Electr. Data Interchange (EDI)
M/039	Standardization mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunication geographic information
M/037	Standardization mandate addressed to CEN/CENELEC/ETSI in the area of Character set technology (programme)
M/036	Standardization mandate to CEN for a manual reference method for the calibration of automated measurement systems for total mercury emissions into the air and main performance characteristics of the automated measurement systems
M/035	Standardization mandate to CEN/CENELEC in the field of machinery and equipment for the oil industry (exploration-production, refining and shipping by pipeline) and for the natural gas industry (exploration-production)
M/031	Standardization mandate to CEN/CENELEC concerning standards for Personal Protective Equipment
M/030	Standardization mandate on toy safety - Chemical toys: revision of standard EN 71-4
M/029	Irradiated foodstuffs
M/028	Mandate to CEN and CENELEC for a programme in the field of packaging and packaging waste
M/026	CALS (programme)

M/025	Ports and airports equipment
M/024	Mandate to CEN/CENELEC/ETSI for programming and standardization in the field of railway equipment
M/023	Standardization mandate to CEN/CENELEC concerning the development of European standards relating to medical devices
M/022	Study and investigation mandate to CEN/CENELEC and ETSI in the field of technologies required to ensure harmonization in the postal sector
M/021	Standardization Mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunications concerning healthcare informatics
M/020	Standardization Mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunications concerning Open Document Architecture (ODA)
M/019	Standardization Mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunications concerning Manufacturing Message Specification (MMS)
M/018	Standardization Mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunications concerning Road Transport and Traffic Telematics
M/017	Standardization mandate to CEN in the field of equipment and installation for the transmission and distribution of gas
M/016	Programming mandate assigned to CEN/CENELEC relating to precious metal articles
M/015	Mandate addressed to CEN and CENELEC in connection with the drawing-up of a standardization programme relating to the standards published under the Low Voltage Directive in relation to the machinery sector
M/011	Standardization mandate to CEN concerning the quality of Transport of Dangerous Goods
M/010	Programmation mandate to CEN for explosives for civil uses

M/009	Study mandate assigned to the CEN/CENELEC concerning qualification of construction enterprises
M/008	Standardization mandate given to CEN concerning machinery presenting hazards due to the lifting or moving of persons
M/007	Study and Investigation Mandate forwarded to CEN/CENELEC/ETSI in the field of Information Technology and Telecommunications to produce a comprehensive set of specifications defining lay-out consistency in Open Document Architecture (ODA) profiles
M/005	Mandate to CEN/ECISS concerning standardization in the iron and steel sector
M/004	Mandate by CEN for a standard concerning the analysis for nickel and for nickel release
M/003	Mandate for standardization by CEN - Test procedure allowing to show in real conditions the equivalence of the sampling procedures of the fine particles (up to 10 µm) suspended in the ambient air in conformity with the Community directives
M/002	Mandate given to CEN concerning a standard for a reference method allowing the calibration of automated measurement systems for total dust at low concentrations and main performance characteristics for the automated measurement systems
M/001	Mandate given to CEN concerning a standard for a reference method allowing the calibration of automated measurement systems for Total gaseous Organic Carbon (TOC) and main performance characteristics for the automated measurement systems