



**CENELEC**

# Webinar

*Standardization Request for Machinery Regulation -  
smooth transition from Directive to Regulation.*



*We start at  
09:30  
CEST*

# Webinar moderator

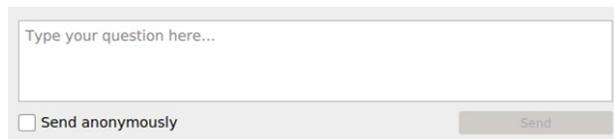


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# Agenda

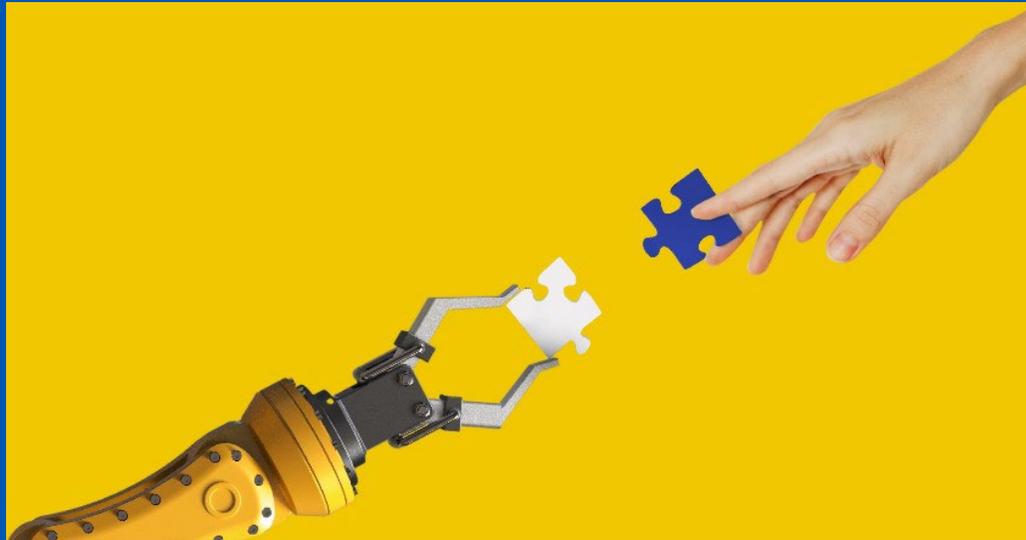
00	09:30-09:35	Introduction & Practicalities	Els SOMERS (CEN-CENELEC)
01	09:35-09:50	European Commission information on Machinery Regulation	Peter BROERTJES, Policy Officer for Machinery at the European Commission (EC)
02	09:50-10:05	Introductory remarks on impact on standardization	Frank WOHNSLAND, CEN-CENELEC Sector Rapporteur on Machinery
03	10:05-10:45	Generic process description and content of a typical Standardization Request	Nuno PARGANA, Account Manager for Manufacturing at CEN-CENELEC Joanna FRANKOWSKA, Project Manager Manufacturing at CEN-CENELEC
04	10:45-10:55	BREAK	
05	10:55-11:40	<ul style="list-style-type: none"><li>– Particularities of Machinery Regulation Standardization Requests</li><li>– What is required from the TCs</li></ul>	Hugo DOURADO and Joanna FRANKOWSKA Project Managers Manufacturing at CEN-CENELEC
06	11:40-11:55	Q&A	all
07	11:55-12:00	Closing	Frank WOHNSLAND, CEN-CENELEC Sector Rapporteur on Machinery



# European Commission information on Machinery Regulation

Peter Broertjes (EC Policy Officer for Machinery)





# Machinery Regulation

## Key Provisions

*Directorate-General for Internal Market, Industry,  
Entrepreneurship and SMEs*

*GROW H.2 Machinery and Equipment*

Peter Broertjes

CEN-CENELEC Webinar  
Standardization Request  
26 May 2023

# Where are we today?

- Machinery Directive 2006/42/EC
- **Over 800** harmonised standards in the **Official Journal of the EU**
- Ensuring a high level of **safety and protection** for users of machinery and other people exposed to it

The screenshot shows the EUR-Lex website interface. At the top, there is a search bar and a menu. The main content area displays the text of Directive 2006/42/EC, including its title, date, and purpose. The page is organized into sections such as 'Document information', 'Procedure', 'National transposition', and 'Document summary'. A table of contents is visible on the left side, listing various dates and versions of the document. The bottom of the page contains the full text of the directive, starting with 'THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION, Having regard to the Treaty establishing the European Community, and in particular Article 95 thereof, Having regard to the proposal from the Commission (1), Having regard to the opinion of the European Economic and Social Committee (2), Acting in accordance with the procedure laid down in Article 251 of the Treaty (3),

18.	EN ISO 16092-1:2018 Machine tools safety — Presses — Part 1: General safety requirements (ISO 16092-1:2017)	C
19.	EN ISO 16092-3:2018 Machine tools safety — Presses — Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017)	C
20.	EN 16719:2018 Transport platforms	C
21.	EN 16952:2018 Agricultural machinery — Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety	C
22.	EN 17059:2018 Plating and anodizing lines — Safety requirements	C
23.	EN ISO 19085-4:2018 Woodworking machines — Safety — Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)	C

# New Machinery Regulation – Key Dates

- **Entry into force** (20 days after publication) expected in **July 2023**
- **Transitional period** provided in the new Regulation is **42 months / 3½ years**
  - **No voluntary application** of Machinery Regulation **before** the application date
- **Application date in January 2027**
  - Except for certain provisions that will apply before:
    - **Reporting obligation for Member States** (after 24 months)
    - **Safeguard Procedures** (upon entry into force)
- Any relevant **preparatory work** (e.g. standardisation request, new standards) can already start

# Aims of the revised Machinery Regulation

- Create a **level playing field** for economic operators and consolidate the leadership of the EU machinery industry
- Establish a **high level of trust** in **digital innovative technologies** for consumers and users by addressing the **risks of emerging digital technologies** AI and ensuring cybersafety.
- Boosting **innovation**
- **Embrace digitalisation** and **reduce costs** (€ 16.6 billion savings in printing costs of instructions, each year)

# Key changes compared to Machinery Directive

- Increased **legal certainty**, uniform application (e.g. substantial modification)
- Integration of **Artificial Intelligence** related provisions for safety functions
- Integration of **Cyber Safety** related provisions for safety control systems and compliance related software and data
- **Autonomous** and **remote-controlled** machinery
- **Digitalisation** of instructions for use, assembly instructions and EU Declaration of Conformity and Incorporation
- **Mandatory Notified Body conformity assessment** for 6 product categories
- **Common specifications** as a fallback option when suitable harmonised standards are not available
- Streamlined **Safeguard Procedures**, aligned with other legislation

# List of product categories with Notified Body conformity assessment

- Annex I Part A **machinery** with **mandatory** Notified Body assessment
  - 1) Removable mechanical transmission devices including their guards
  - 2) Guards for removable mechanical transmission devices
  - 3) Vehicle servicing lifts
  - 4) Portable cartridge-operated fixing and other impact machinery
  - 5) Safety components with fully or partially self-evolving behaviour using machine learning approaches ensuring safety functions
  - 6) Machinery that has embedded systems with fully or partially self-evolving behaviour using machine learning approaches ensuring safety functions that have not been placed independently on the market, in respect only of those systems
- Annex I Part B lists **machinery** with **optional** Notified Body assessment
  - 1) to 19) saws, presses, garbage trucks, lifts, ...

# Product categories with mandatory Notified Body conformity assessment (Annex I Part A)

- Clear and transparent **criteria to populate the list** (currently 6 categories)
- **Harmonised template** for Member States reporting **with guidance**
- Possibility for the Commission to develop **harmonised methodology** (if need be)
- **Regular update** of the list by the Commission, based on reporting, for machinery presenting a **higher risk factor**
  - **Commission** to provide a reporting **template and guidance** to Member States on the collection and transmission of accident data (by mid-2024)
  - **Member States** to provide data on **fatal/severe injury-accidents** and ‘**close calls**’ (from mid-2025, and every 5 years thereafter)
  - **Commission** to carry out the **assessment** for reported product categories (by mid-2026)

# The road ahead

- The **Standardisation Request** must be prepared by end-2023, for adoption early 2024
  - **Focus** will be on **Artificial Intelligence** and **Cyber Resilience**
  - Also, **update** of the **current stock of harmonised standards** that will be carried over from the Machinery Directive 2006/42/EC (including checking and addressing changes in Essential Health and Safety Requirements)
  - Inclusion of **predictive maintenance** and **areas of interest for international cooperation** identified with third countries and other regions
- Preparation of **Commission Implementing Decision** with the full list of harmonised standards – target to be finalised by end of 2026
- Plan to **update the Guide** to application of the Machinery Regulation – no timeline yet

# Thank you

For further information:

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs  
Machinery and Equipment Unit

DG GROW – Unit H.2

[grow-machinery@ec.europa.eu](mailto:grow-machinery@ec.europa.eu)



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# Introductory remarks on impact on standardization

Frank Wohnsland - CEN-CENELEC Sector Rapporteur on Machinery



## Essential Health and Safety Requirements “EHSRs” (current Annex I → future Annex III):

- ▶ Modifications in some existing EHSRs e.g.:
  - ▶ 1.1.6 on ergonomics
  - ▶ 1.2.1 on control systems
  - ▶ 2.2.1.1 on vibrations (CEN/TC 231 considers addressing this change)
  - ▶ 3.2.2 on seating
  - ▶ 3.5.1 on batteries → new requirement for batteries with automatic charging for mobile machinery
  - ▶ 3.6.3.3 on autonomous mobile machinery or related products

## New EHSRs:

- ▶ 1.1.9 'Protection against corruption' – type-B standard is planned (CLC/TC 44x)
- ▶ 3.2.4. 'Supervisory control function' – type-C standards
  - ▶ Relevant e.g. for CEN/TC 10, CEN/TC 144, CEN/TC 150, CEN/TC 151, CEN/TC 183, CEN/TC 196, CEN/TC 310, CLC/TC 44x, CLC/TC 61
- ▶ 3.5.4 'Risk of contact with live overhead power lines' – type-C standards:
  - ▶ Relevant e.g. for CEN/TC 98, CEN/TC 144, CEN/TC 147, CEN/TC 150, CEN/TC 151, CLC/TC 44x
  - ▶ Task Force in SF to prepare interpretation of this EHSR in coordination with TCs and submit to EC

See Overview “Main changes between Annex I MD and Annex III MR” which was provided to TC-secretaries

# How does the Standardisation Request come into play?

Apparently, the changes in the new MR are already being addressed:

⇒ Typical TC questions:

- 1. What exactly is the relevance of a Standardization Request (SReq)?*
- 2. Why and how should the TCs contribute to it?*

Answer to 1. (very simplified)

The SReq is the legal basis/framework for drafting hENs: It gives both the task AND the permission to draft hENs on a specific topic

Answer to 2.

This will be explained in detail in the following 2 hours 😊



# Generic process description and content of a typical Standardization Request

Joanna Frankowska & Nuno Pargana

CEN-CENELEC



- ▶ AUWP = Annual Union Work Programme for European Standardization
- ▶ CoS = European Commission's Committee on Standards
- ▶ EC = European Commission
- ▶ EHSRs = Essential Health and Safety Requirements
- ▶ MR = Machinery Regulation
- ▶ SF = CEN-CENELEC Sector Forum on Machinery
- ▶ SRAHG = Standardization Request Ad-Hoc Group
- ▶ SReq = Standardization Request

- ▶ Before EU Reg 1025/2012 (1 January 2013) → **Mandates** including M/396 for machinery → so called 'open' mandate
  
- ▶ After EU Reg 1025/2012 (1 January 2013) → **Standardization Request (SReq)**, which is a Commission implementing Decision

**REGULATION (EU) No 1025/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 25 October 2012**

**on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council**

**(Text with EEA relevance)**

## Article 10

### **Standardisation requests to European standardisation organisations**

1. The Commission may within the limitations of the competences laid down in the Treaties, request one or several European standardisation organisations to draft a European standard or European standardisation deliverable within a set

deadline. European standards and European standardisation deliverables shall be market-driven, take into account the public interest as well as the policy objectives clearly stated in the Commission's request and based on consensus. The Commission shall determine the requirements as to the content to be met by the requested document and a deadline for its adoption.

## *Article 10*

### **Standardisation requests to European standardisation organisations**

3. The relevant European standardisation organisation shall indicate, within one month following its receipt, if it accepts the request referred to in paragraph 1.

## Article 2

### Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (1) 'standard' means a technical specification, adopted by a recognised standardisation body, for repeated or continuous application, with which compliance is not compulsory, and which is one of the following:
  - (a) 'international standard' means a standard adopted by an international standardisation body;
  - (b) 'European standard' means a standard adopted by a European standardisation organisation;
  - (c) 'harmonised standard' means a European standard adopted on the basis of a request made by the Commission for the application of Union harmonisation legislation;

# Reg (EU) 1025/2012 European standardization



## ► EC Database for SReq:

<https://ec.europa.eu/growth/tools-databases/enorm/>

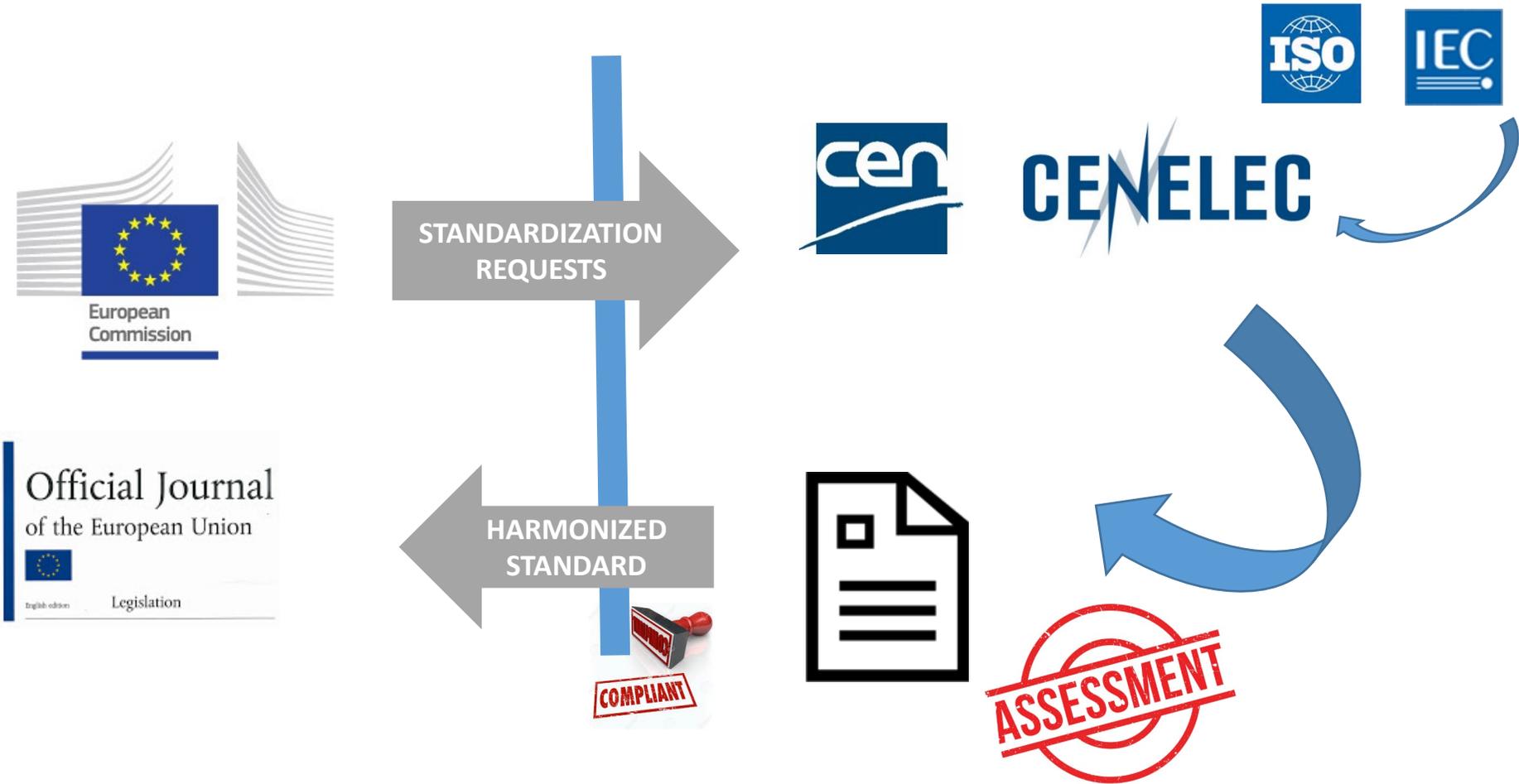
The screenshot shows the eNorm Platform website. At the top, there is a search bar with the text "Search by request title" and a language selector set to "English". Below the search bar, the page title "eNorm Platform" is displayed, along with navigation links for "Home" and "Search". The main content area features the heading "European Commission standardisation requests" and a brief description of the database. Below this, two search results are shown:

**M/591 – C(2023)1057**  
COMMISSION IMPLEMENTING DECISION of 20.2.2023 on a standardisation request to the European Committee for Standardisation and the European Committee for Electrotechnical Standardisation as regards products in support of Directive (EU) 2016/797 of the European Parliament and of the Council

Adoption date	20 February 2023
Related legislation	2016/797/EU

**M/575 Amd 1 – C(2023)694**  
COMMISSION IMPLEMENTING DECISION of 31.1.2023 amending Implementing Decision C(2021) 246 as a standardisation request to the European Committee for Standardisation and the

# Link with EU legislation & SReq



# SReq development process



**Commission planning (AUWP\*)** – Future SReqs are announced

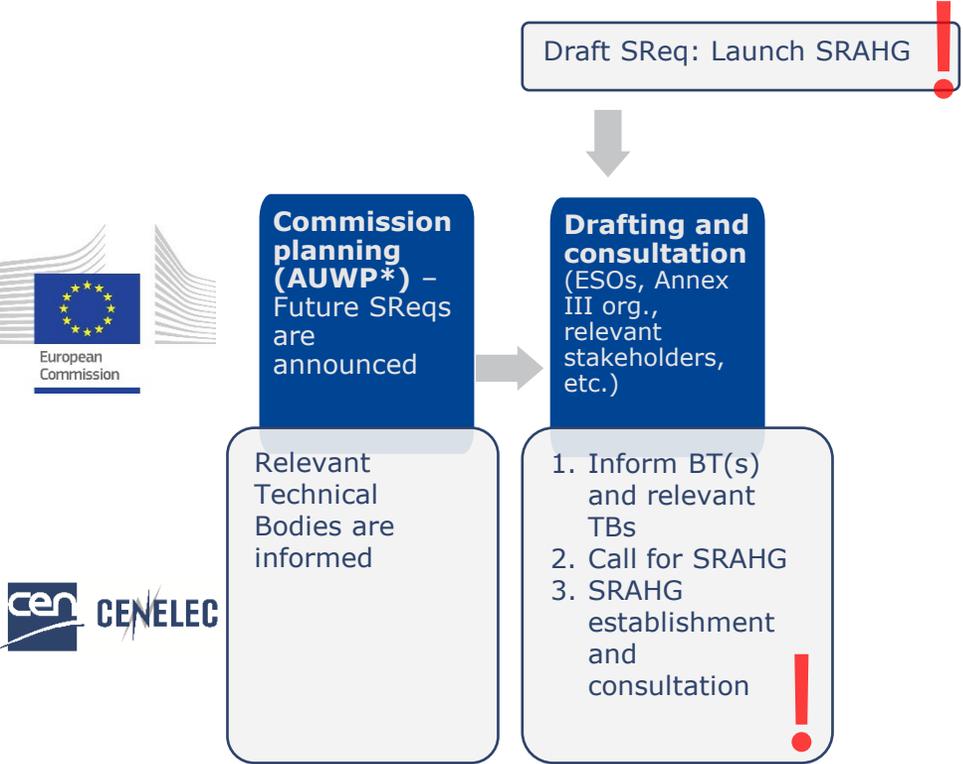
Relevant Technical Bodies are informed



\* link to [Annual Union Work Programme for European Standardisation for 2023](#)

74	Machinery products	<a href="#">Proposal for a Regulation of the European Parliament and of the Council on machinery products COM(2021) 202 final</a>	Develop or revise European standards for machinery products to cover the proposed Regulation's new essential safety and health specifications.	The main objective is to ensure health and safety by ensuring harmonised European standards are maintained, reflecting the generally acknowledged state of the art. The availability of harmonised European standards will facilitate market access, in particular for SMEs. Users and owners of machinery products will benefit from improved safety and may benefit from knock-on effects such as efficient use of energy and easier access to innovative technologies. Economic operators will benefit from legal certainty.
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# SReq development process



## **Standardization Request Ad-hoc Group – SRAHG**

**Role**: coordination between all stakeholders during drafting of SReq and advises on problematic issues

### **Composition**

- ▶ Convenor
- ▶ Secretariat: CCMC
- ▶ Interested CEN/BT members and/or CENELEC Permanent Delegates (PD)
- ▶ Experts nominated by CEN/BT members and/or CENELEC PDs
- ▶ Partner Organizations represented in Technical Bodies, including Annex III Organizations
- ▶ **Representatives of the concerned Technical Bodies (you!)**
- ▶ one representative of the relevant Sector Forum and/or Coordination Group
- ▶ ISO/IEC representatives
- ▶ EC representative

# SReq development process – SRAHG (II)

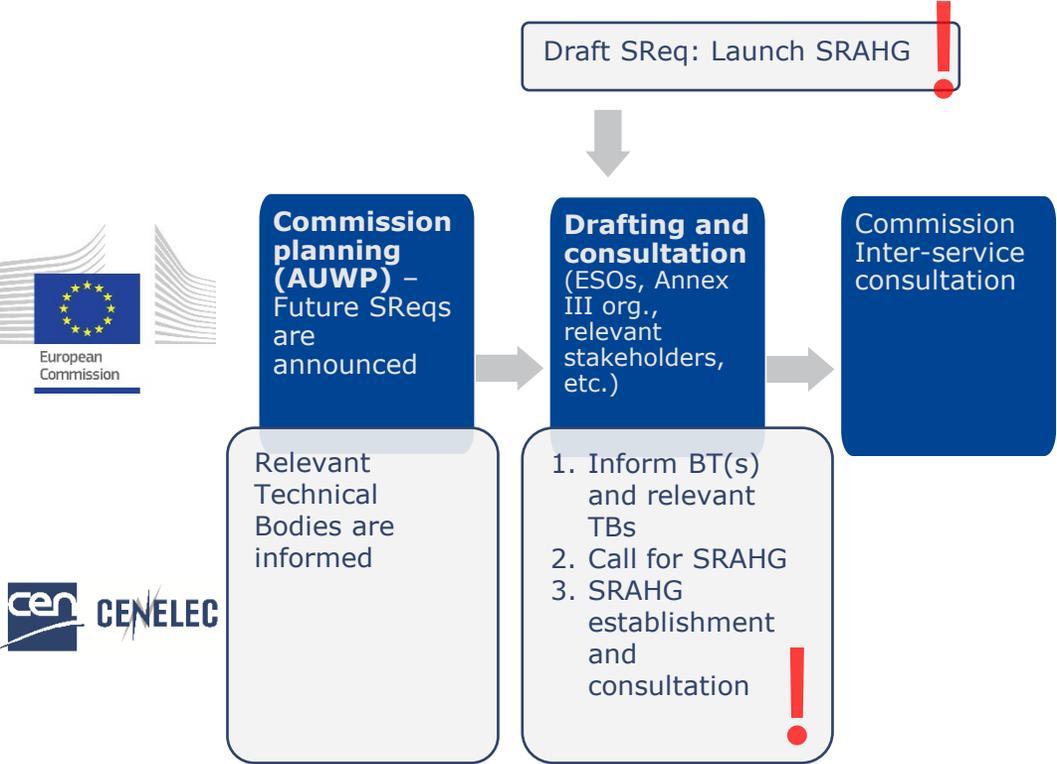
## Standardization Request Ad-hoc Group – SRAHG

### SRAHG should verify:

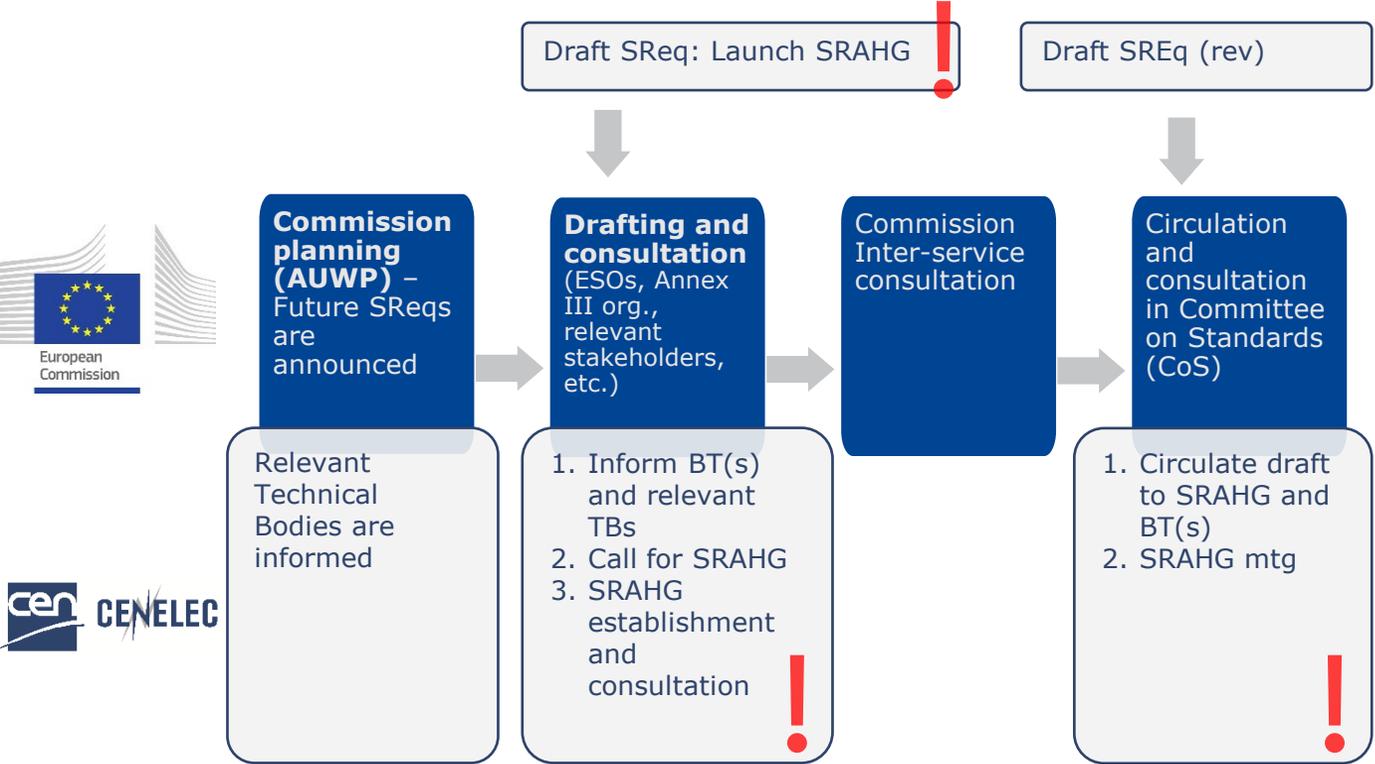
- ▶ List of items which are requested by EC to CEN and CENELEC, including deadlines
  - ▶ Expiry date of SReq
  - ▶ Key aspects that may affect technical work
  - ▶ Potential funding needs
- 
- ▶ SRAHG provides a recommendation to BT on acceptance/rejection of SReq

**Duration:** SRAHG is disbanded upon the acceptance of SReq

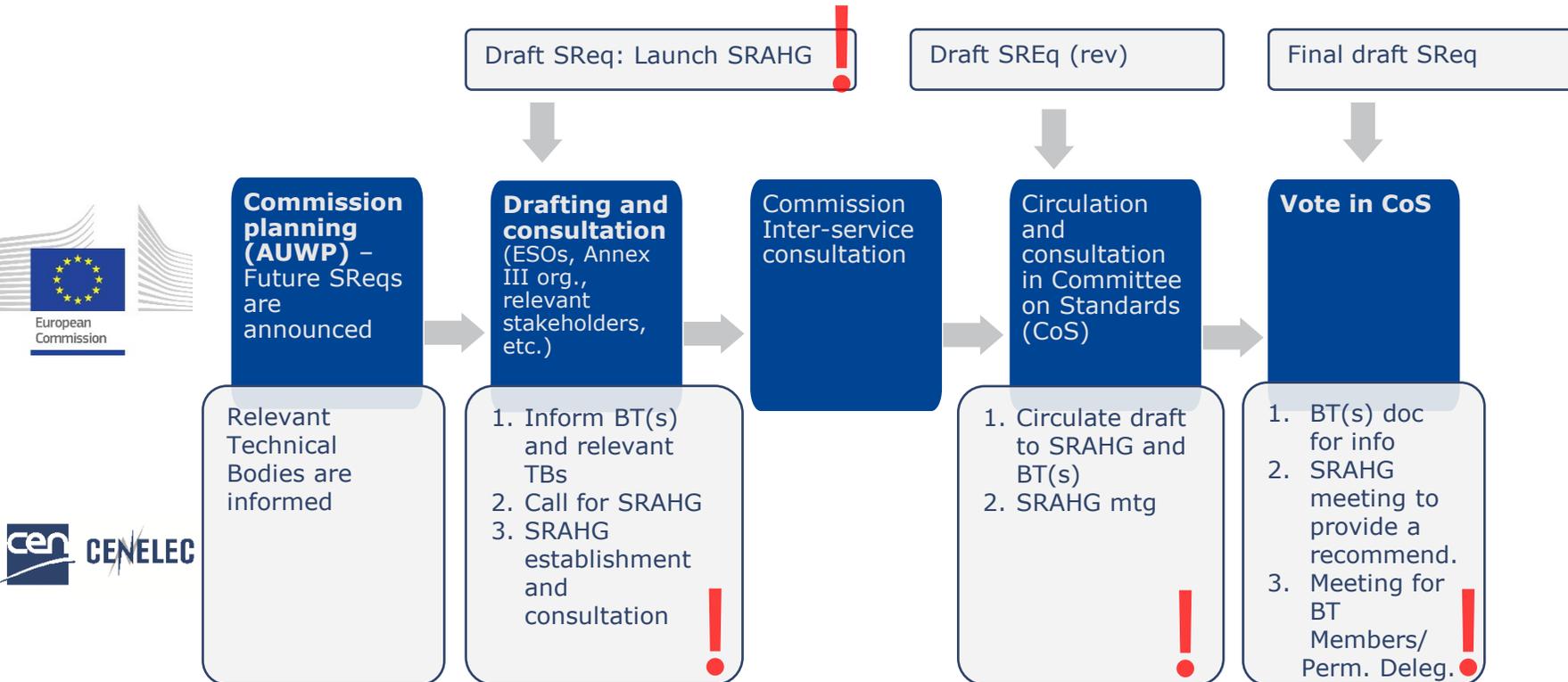
# SReq development process



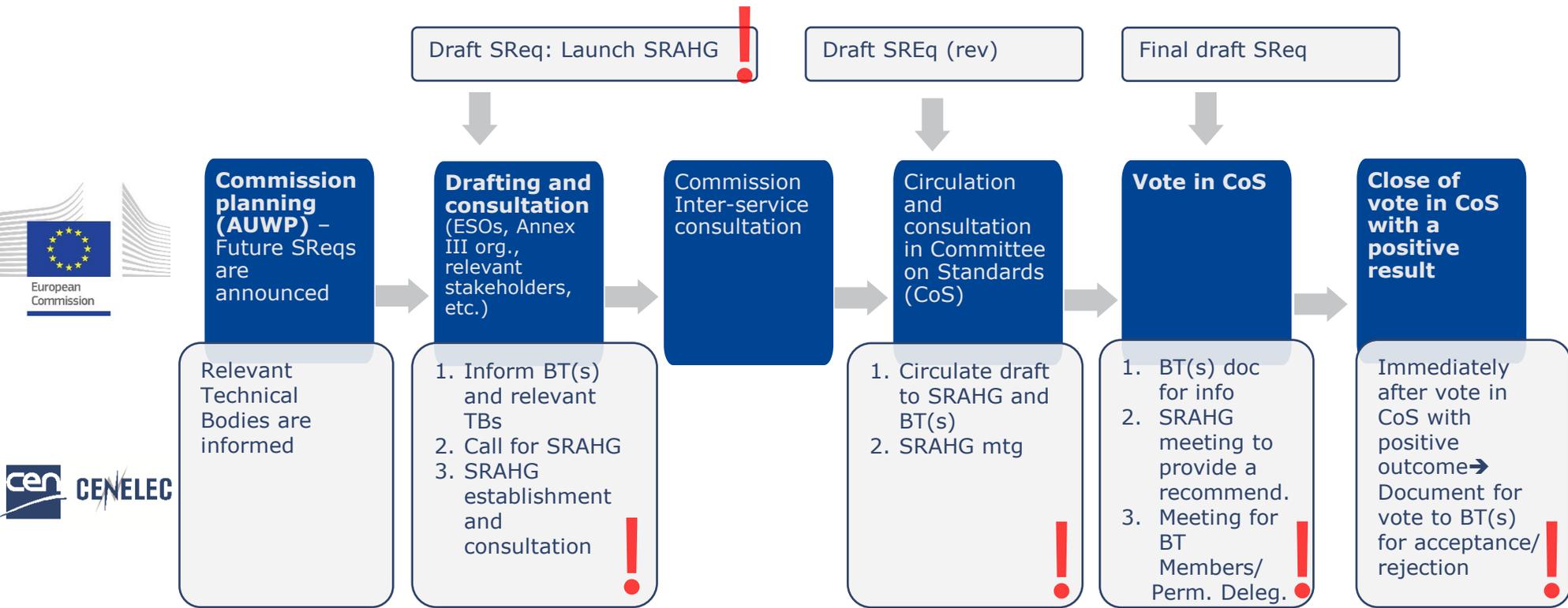
# SReq development process



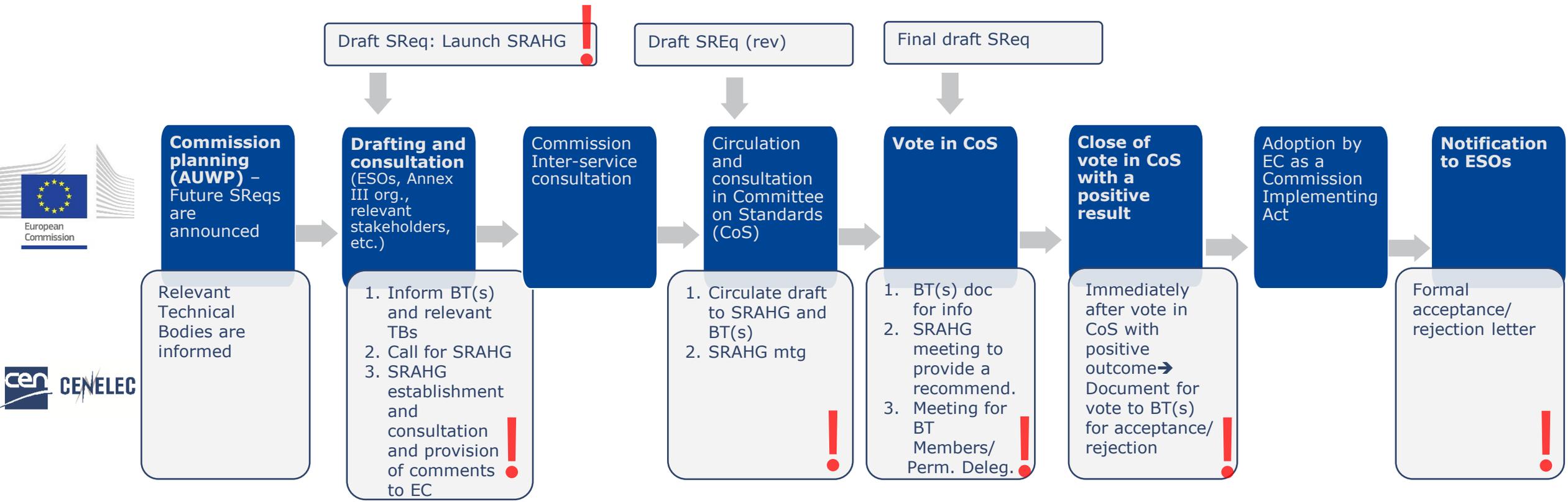
# SReq development process



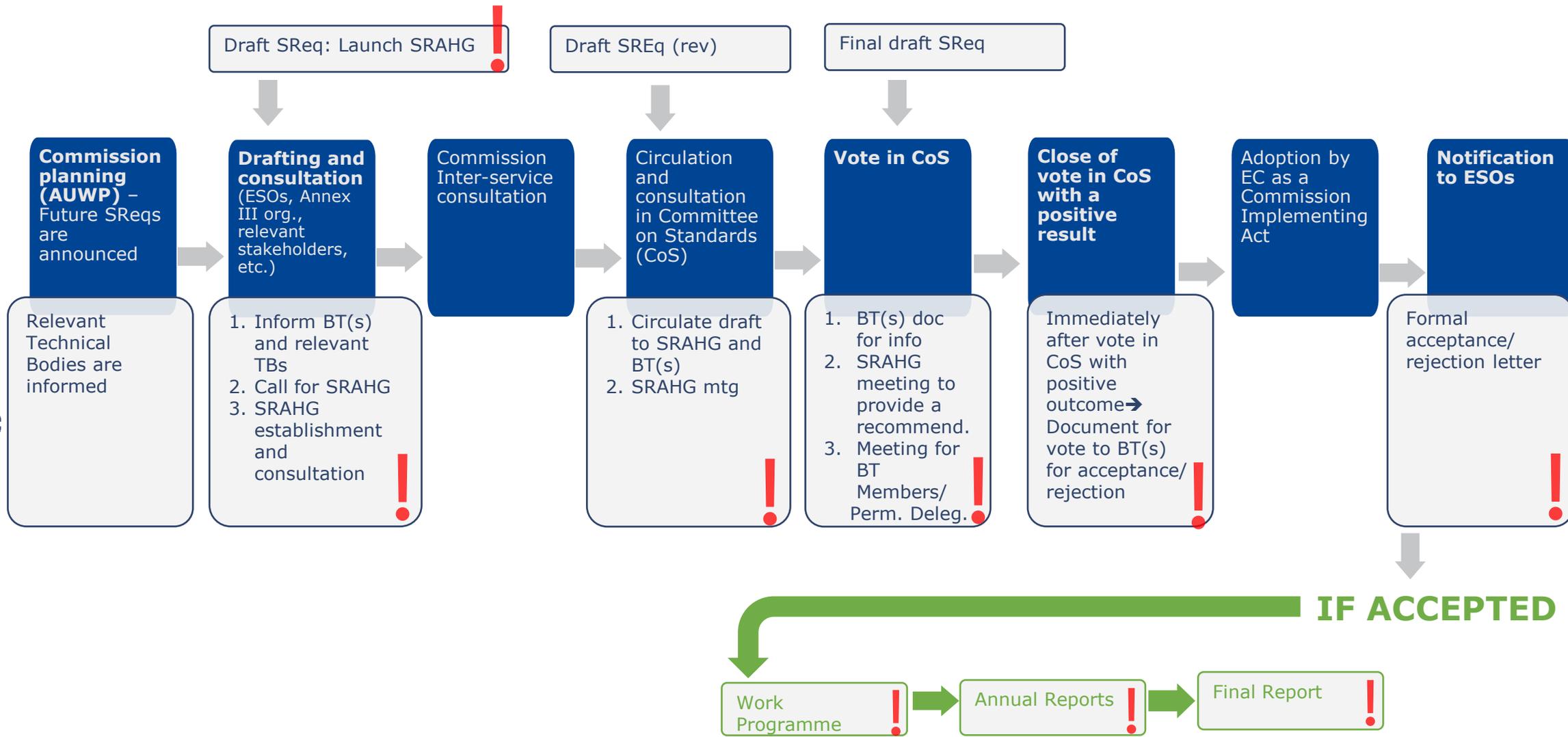
# SReq development process



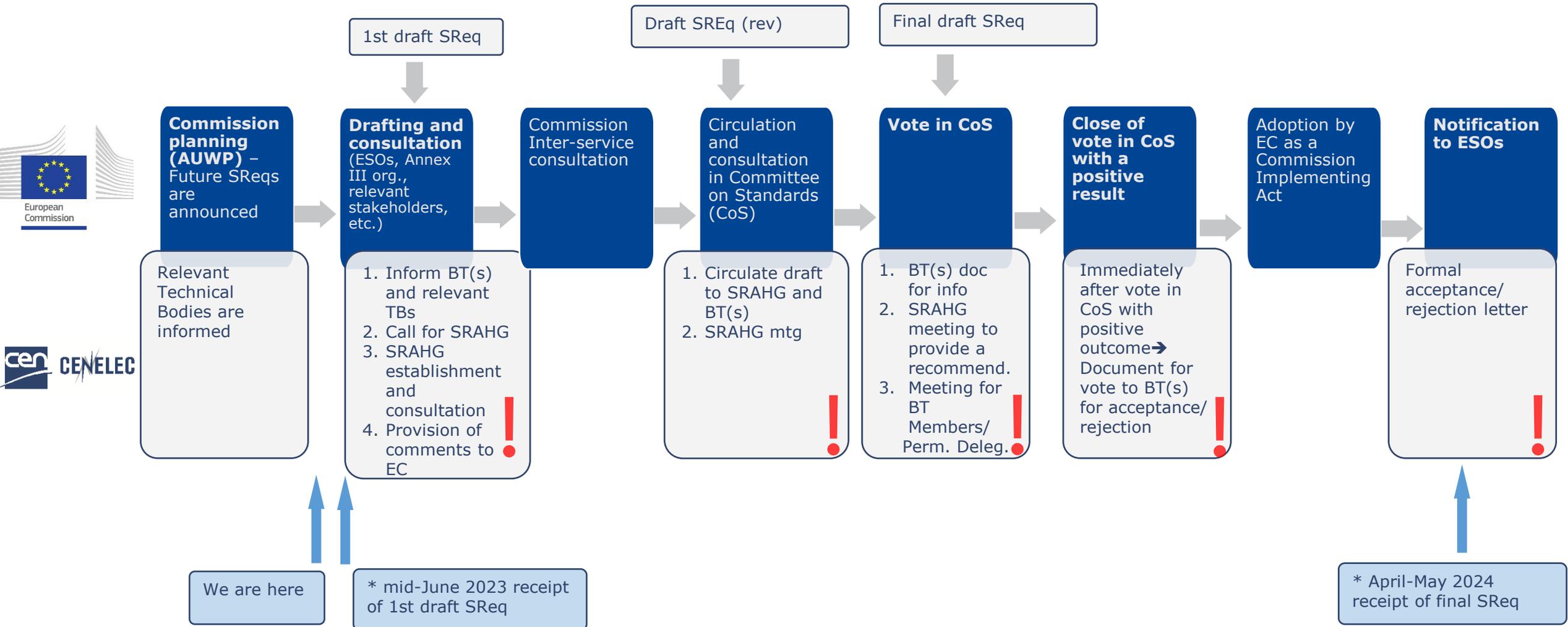
# SReq development process



# SReq development process



# SReq development process for Machinery Regulation



\*dates are approximative

- ▶ The SReq contains list of standards to be provided by the ESOs
- ▶ Normally, list is exhaustive → CEN and CENELEC cannot offer for citation standards that are not covered in Annex 1

## *Article 1*

### *Requested standardisation activities*

1. The European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (Cenelec) are requested to revise the existing harmonised standards listed in Table 1 of Annex I to this Decision and to draft the new harmonised standards listed in Table 2 of that Annex in support of Regulation (EU) 2017/745 for medical devices by the deadlines set in that Annex.
2. CEN and Cenelec are requested to revise the existing standards listed in Table 1 of Annex II to this Decision and to draft the new harmonised standards listed in Table 2 of that Annex in support of Regulation (EU) 2017/746 for *in vitro* diagnostic medical devices by the deadlines set in that Annex.
3. The standards referred to in paragraphs 1 and 2 shall meet the requirements set out in Annex III.

*Medical Devices example*

## ► CEN and/or CENELEC shall deliver the work programme

### *Article 2*

#### *Work programme*

1. CEN and Cenelec shall prepare a joint work programme indicating all the standards listed in Annexes I and II, the responsible technical bodies and a timetable for the execution of the requested standardisation activities in line with the deadlines set out in those Annexes.
2. CEN and Cenelec shall submit the joint work programme to the Commission by 28 May 2021. CEN and Cenelec shall inform the Commission of any amendments to the joint work programme.
3. CEN and Cenelec shall provide the Commission with access to an overall project plan.

Deadline to submit WP – usually **1-3 months** after notification of SReq to CEN and CENELEC

# Standardization request model

## Extract from [EC Vademecum on Standardization, Part 3](#)



Brussels, 27.10.2015  
SWD(2015) 205 final  
PART 3/3

COMMISSION STAFF WORKING DOCUMENT

Vademecum on European standardisation in support of Union legislation and policies

PART III

Guidelines for the execution of standardisation requests

### 2.3. Establishment of the requested-work programme

The information on deliverables in the requested-work programme should contain at least a tentative title and scope.

The deliverables may include standards or other deliverables already adopted or under development by the ESOs or by other bodies.

The programme should indicate clearly whether the deliverables proposed are also linked to other standardisation requests.

# Standardization request model



## Template for CEN and CENELEC Work Programme to Standardization Request

M/XXX - name of sector  
CEN & CENELEC work programme

TC	PR/WI number	Standard reference	Title or provisional title	Scope or provisional scope	Other Standardization Requests?	Part(s) or requirements of the standardization request covered	Last realised stage	Next stage	Scheduled target date for next stage	Deadline for adoption by CEN	TC contact (Secretary)

- ▶ CEN and/or CENELEC shall report to EC on execution of SReq

*Article 3  
Reporting*

1. The ESOs shall report annually to the Commission on the execution of the request referred to in Article 1 indicating the progress made in implementing the work programme referenced to in Article 2 and all elements therein.
2. The ESOs shall submit the first annual report to the Commission by 15 September 2023. Subsequent annual reports shall be submitted by 12 months after submission of previous reports each year.
3. The ESOs shall provide the Commission with the final report by 15 March 2027.
4. In addition to the reporting obligations set out in paragraphs 1 to 3, the ESOs shall promptly report to the Commission any major concerns relating to the scope of the request referred to in Article 1 and the deadlines set out in Annex I to III.

Accessibility example

# Standardization request model

- ▶ EC sets an expiry date for SREq
- ▶ It defines the period during which there is a legal framework for the EC to accept standards from the ESOs

## *Article 4*

### *Validity of the standardisation request*

If CEN does not accept the request referred to in Article 1 within a month of receiving it, the request may not constitute a basis for the standardisation activities referred to in that Article.

**This Decision shall expire on 13 May 2029.**

## *Article 5*

### *Expiry of existing standardisation mandate*

**Standardisation mandate M/416 of 8 August 2007 shall expire on 13 June 2022.**

*Pyrotechnic articles example*

# Standardization request model



## ANNEX I

List of existing standards to be revised and list of new standards to be drafted as referred to in Article 1(1)

*Medical Devices example*

**Table 1: List of existing harmonised standards to be revised and deadlines for the adoption of the revised harmonised standards**

Reference information		Deadline for the adoption
1.	EN 285:2015 Sterilization - Steam sterilizers - Large sterilizers	27 May 2024
2.	EN 455-1:2020 Medical gloves for single use - Part 1: Requirements and testing for freedom from holes	27 May 2024
3.	EN 455-2:2015 Medical gloves for single use - Part 2: Requirements and testing for physical properties	27 May 2024
4.	EN 455-3:2015 Medical gloves for single use - Part 3: Requirements and testing for biological evaluation	27 May 2024

**Table 2: List of new harmonised standards to be drafted and deadlines for their adoption**

Reference information		Deadline for the adoption
1.	Medical gloves for single use - Part 5: Extractable chemical residues (prEN 455-5)	27 May 2024
2.	Radiation protection - Sealed radioactive sources - Leakage test methods (ISO 9978)	27 May 2024
3.	Biological evaluation of medical devices - Part 23: Tests for irritation (ISO 10993-23)	27 May 2024
4.	Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators and cardiac resynchronization devices (ISO 14117)	27 May 2024

# Standardization request model

**Table 3: → List of draft standards to be completed and deadlines for their availability¶**

	Reference information□	Deadline for the adoption¶ by CEN□
1.□	EN 12929-1:2015- PrA1 Safety requirements for cableway installations designed to carry persons - General requirements - Part 1: Requirements for all installations□	31-05-2022□
2.□	EN 13223-A1:2015 PrA1 Safety requirements for cableway installations designed to carry persons - Drive systems and other mechanical equipment□	31-05-2022□
3.□	EN 13796-2:2017-PrA1 and Safety requirements for cableway installations designed to carry persons - Carriers - Part 2: Slipping resistance tests for grips□	30-04-2022□
4.□	EN 13796-3:2017-PrA1 Safety requirements for cableway installations designed to carry persons - Carriers - Part 3: Fatigue testing□	30-04-2022□
5.□	EN 13796-1:2017-PrA1 Safety requirements for cableway installations designed to carry persons - Carriers - Part 1: Grips, carrier trucks, on-board brakes, cabins, chairs, carriages, maintenance carriers, tow-hangers□	30-04-2024□

*Cableways example*

## Space heating appliances

### ANNEX II

#### Requirements for the standards referred to in Article 1

##### Part A. General requirements for standards listed in Annex I

###### 1. Legal structures to be supported by the harmonised standards

The harmonised standards shall support the establishment of a harmonised system as set out in Regulation (EU) No 305/2011.

The harmonised standards shall provide the methods and the criteria for assessing the performance of construction products in relation to their essential characteristics. Those essential characteristics shall be taken into account from the beginning and throughout the standardisation process.

###### 2. Product scope

The liquid and solid fuel burning local space heating products covered by this standardization request are the following:

roomheaters for solid fuel;

inset appliances including open fires for solid fuel;

cookers for solid fuel;

independent boiler appliances for solid fuel – Nominal heat output up to 50 kW;

slow heat release appliances for solid fuel;

mechanical by wood pellets fed roomheaters, inset appliances and cookers;

combination appliances fired by wood logs and pellets;

multi-firing sauna stoves fired by natural wood logs;

oil stoves.

The intended use of the covered products is space heating in residential buildings. These products may be fitted with a boiler (integral part of the appliance containing water to be heated up) for the supply of hot water for central heating systems.

Appliances intended purely for central heating systems (a maximum of losses towards the room of 6 %) are not covered by this request.

Some products covered by this request may be used as well for cooking.

## Pyrotechnic articles

### ANNEX II

#### Requirements for the standards referred to in Article 1

##### 2. Requirements to be covered by an individual harmonised standard

When a harmonised standard does not cover all the essential safety requirements, which are applicable to the pyrotechnic articles falling under its scope, the standard shall indicate the requirements applicable to those pyrotechnic articles that are not covered by it. Where a harmonised standard contains technical specifications which do not support the application of essential safety requirements, such technical specifications shall be clearly distinguished from the specifications supporting the essential safety requirements.

The structure of a harmonised standard shall be such that a clear distinction can be made between the clauses and sub-clauses that are necessary for compliance with the essential health and safety requirements and those that are not.

## Medical Devices

##### 6. Normative references

Normative references included in a harmonised standard shall be specific and clear, and ensure identification of all specifications covered by the standard. Where a standard refers to another standard or a clause in that standard, and that standard, or clause, contains a further normative reference or references ('a normative reference chain'), the whole normative reference chain shall be clear and specific. Normative reference chains shall be avoided whenever possible.

# How to amend/revise an existing SReq?

- ▶ To request additional standards, extension of deadlines for standards' delivery and/or extension of the expiry date of the SReq → **CCMC has to contact the relevant EC desk officer**
- ▶ A SReq can be modified through an amendment or revision → applying the whole process for development of SReq (this is not quick)

## Why:

- ▶ Since the SReq has the legal status of a Commission Implementing Decision, the EC will launch the full process for the approval of a new Commission Implementing Decision, i.e. among others, the EC inter-service consultation and the approval by the Member States in the CoS



## Particularities of Machinery Regulation Standardization Request > What is required from the TCs?

Joanna Frankowska & Hugo Dourado  
CEN-CENELEC

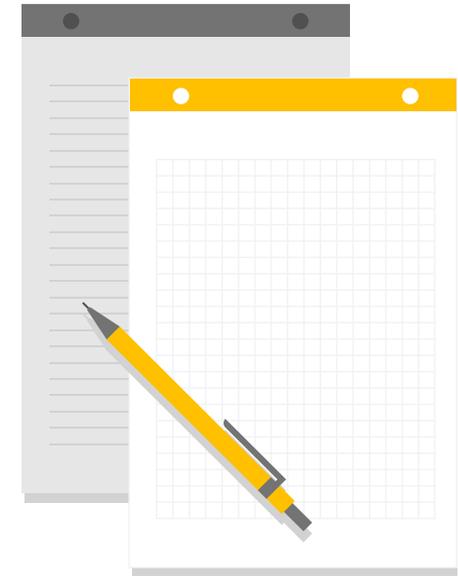


# Particularities of SReq for MR

How will Annex 1 of SReq for MR look like?

- ▶ Preferred scenario: Thematic list
- ▶ Alternative scenario: Prescriptive list
- ▶ Mix of thematic and prescriptive list

Whatever the scenario, we need your input!



# Particularities of SReq for MR

## Annex 1

### Preferred scenario: Thematic list

Reference information	Deadline for the adoption
European standardisation deliverables on horizontal matters of safety of machinery (including electrotechnical aspects); standardisation of general principles for safety of machinery incorporating terminology and methodology.	31 December 20XX*
European standardisation deliverables on the field of acoustics, including methods of measuring acoustical phenomena, and methods of noise reduction.	31 December 20XX*
European standardisation deliverables on safety and hygiene of machinery for use with foodstuffs and feed	31 December 20XX*

\*These dates are used as an example

Annex 1 - Preferred scenario: Thematic list

What is expected from the TCs?

- 1. Thorough verification of the thematic list and communicate to CCMC PMs (Hugo & Joanna) any shortcomings (if existing) → by end of June 2023 (CCMC will send the request by email)**
- 2. Verify their portfolio and check the potential impact of new regulation on their standards \*→ already ongoing\*\*, to be completed as soon as possible**

\* Use overview 'Main changes between Annex I MD and Annex III MR' which was provided to TCs Secretaries

\*\* requested by CCMC emails to TCs Secretaries on 2022-04-01 (survey) and 2023-02-17

Annex 1 - Preferred scenario: Thematic list

What is expected from the TCs?

- 3. Analyse priorities and order of work → as soon as possible**
- 4. Be prepared to provide your input to Work Programme → 1,5 month after notification\* of SReq (\*expected in April - May 2024)**

# Particularities of SReq for MR



## Work Programme – what information TCs will need to provide?

M/XXX - Machinery CEN & CENELEC work programme											
TC	PR/WI number	Standard reference	Title or provisional title	Scope or provisional scope	Other Standardization Requests?	Part(s) or requirements of the standardization request covered	Last realised stage	Next stage	Scheduled target date for next stage	Deadline for adoption by CEN	TC contact (Secretary)
CEN/TC 10	WI 00010XXX	rev EN 12345	aaaaa bbbbbb cccc	gggg eeee gggg	n/a	Annex II Part A, Annex II Part B.1, Annex II Part B.2.1	WI not registered	10.99 Decision on WI Proposal	2025-01-31	2027-12-31	Mr. Anna Jones AnnaJones@bsigroup.com
CLC/TC 61	PR=12345	rev EN IEC 60123	dddd eeeee fff	www xxxz zzz	M/552	Annex II Part B.2.2	10.99 Decision on WI Proposal	20.60 Circulation of 1st WD	2025-11-30	2027-12-31	Mr. Hans Schmidt- Hans.Schmidt@din.de

## Annex 1

### Alternative scenario: Prescriptive list

Annex I can have two or three tables:

- ▶ Table 1 – list of brand-new harmonised standards and deadlines for their availability, and
- ▶ Table 2 – list of existing standards to be revised and deadlines for their availability, and possibly also
- ▶ Table 3 – list of draft harmonised standards under development and deadlines for their availability

## Annex 1

Alternative scenario:  
Prescriptive list – Table 1 list  
of list of brand-new  
harmonised standards and  
deadlines for their availability

*Plastics example*

### ANNEX I

#### European standards and European standardisation deliverables referred to in Article 1

Table 1. List of new European standards and European standardisation deliverables to be drafted and deadlines for their adoption

	Reference information	Deadline for the adoption by the ESOs
1.	European standard(s) on the process and criteria to evaluate the recyclability of plastic packaging.	2 August 2025
2.	European standard(s) on the definitions and principles for design-for-recycling of plastic packaging.	2 August 2025
3	European standardisation deliverables on design-for-recycling guidelines for plastic packaging products: polyolefins flexibles; polystyrene (PS) cups, trays and dairy packaging; polyolefins rigids; polyethylene terephthalate (PET) beverage bottles; PET trays; expanded polystyrene (EPS) packaging.	2 August 2025
4	European standardisation deliverables on design-for-recycling guidelines for plastic construction products: flooring products; EPS insulation products; polyvinyl chloride (PVC) cable management	2 August 2025

## Annex 1

Alternative scenario:  
Prescriptive list – Table 2 list of existing standards to be revised and deadlines for their availability

*Cableways example*

Table 2: → List of existing standards to be revised and deadlines for their availability

	Reference information	Deadline for the adoption <sup>1</sup> by CEN
1.	EN 12929-1 → Safety requirements for cableway installations designed to carry persons – General requirements – Part 1: Requirements for all installations	31-12-2029
2.	EN 12929-2 → Safety requirements for cableway installations designed to carry persons – General requirements – Part 2: Additional requirements for reversible <u>bicable</u> aerial ropeways without carrier truck brakes	31-12-2029
3.	EN 12930 → Safety requirements for cableway installations designed to carry persons – Calculations	31-12-2029

## Annex 1

Alternative scenario:  
Prescriptive list – Table 3 - list of draft harmonised standards under development and deadlines for their availability

*Cableways example*

Table 3: → List of draft standards to be completed and deadlines for their availability¶

	Reference information□	Deadline for the adoption¶ by CEN□
1.□	EN 12929-1:2015- PrA1 Safety requirements for cableway installations designed to carry persons - General requirements - Part 1: Requirements for all installations□	31-05-2022□
2.□	EN 13223-A1:2015- PrA1 Safety requirements for cableway installations designed to carry persons - Drive systems and other mechanical equipment□	31-05-2022□
3.□	EN 13796-2:2017-PrA1 and Safety requirements for cableway installations designed to carry persons - Carriers - Part 2: Slipping resistance tests for grips□	30-04-2022□
4.□	EN 13796-3:2017-PrA1 Safety requirements for cableway installations designed to carry persons - Carriers - Part 3: Fatigue testing□	30-04-2022□
5.□	EN 13796-1:2017-PrA1 Safety requirements for cableway installations designed to carry persons - Carriers - Part 1: Grips, carrier trucks, on-board brakes, cabins, chairs, carriages, maintenance carriers, tow-hangers□	30-04-2024□

## Annex 1 - Alternative scenario: Prescriptive list

What is expected from the TCs?

- 1. Verify their portfolio and check the potential impact of the new regulation on their standards \*→ already ongoing\*\*; to be prepared one week before 1<sup>st</sup> SRAHG meeting (expected in first half Sept. 2023)**

\* Use overview 'Main changes between Annex I MD and Annex III MR' which was provided to TCs Secretaries

\*\* requested by CCMC emails to TCs Secretaries on 2022-04-01 (survey) and 2023-02-17

## Annex 1 - Alternative scenario: Prescriptive list

What is expected from the TCs?

### 2. Analyse:

- ▶ Which standards will TCs need to revise to align to MR and by when
- ▶ Which brand new standards will TCs need to develop under MR and by when
- ▶ Priorities and order of work

**And provide this input to be included in draft SReq – to be prepared one week before 1<sup>st</sup> SRAHG meeting (expected in first half Sept. 2023)**

Annex 1 - Alternative scenario: Prescriptive list

What is expected from the TCs?

- 3. Be prepared to provide your input to Work Programme → 1,5 month after notification\*\*\* of SReq (\*\*\*expected in April - May 2024)**

# Particularities of SReq for MR

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## Annex II

Is expected to include:

- ▶ Cyber safety
- ▶ AI
- ▶ Additive Manufacturing
- ▶ Predictive maintenance
- ▶ Requirements on informative Annex Z etc

## SRAHG for Machinery Regulation:

- ▶ For efficiency: important to limit number of representatives per TC and to not change the representatives
- ▶ Key to prepare TC input before SRAHG meeting
  - Preparatory meetings in TCs might be useful

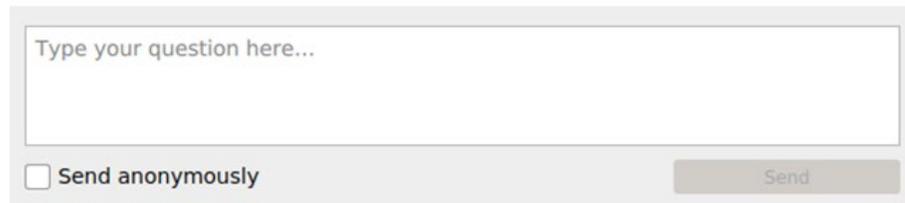
## SRAHG for Machinery Regulation:

- ▶ TC representatives shall represent the approach of TC and not its individual view or view of their WG
- ▶ TC representatives shall familiarise with process for Standardization Requests and SRAHGs before the meetings
- ▶ TC representatives need to be prepared that there will be several SRAHG web-meetings (start of these meetings is expected in September 2023)

- ▶ In SRAHG, CCMC will ask whether EU funding is needed to develop respective standards
- ▶ Funding requests must come from CEN National Standardization Bodies or CENELEC National Committees (members)
- ▶ Requests for EU funding implies using an administrative process
- ▶ According Art 10. 4 of EU Reg 1025/2012, EC financial contributions shall not be a precondition for the acceptance of the standardization request
- ▶ No retroactive funding! Costs incurred before the signature of the Grant Agreement will not be eligible

# Question time

▶ Use the Q&A panel to submit your questions



Type your question here...

Send anonymously

Send



# Closing remarks

Frank Wohnsland (CEN-CENELEC Sector Rapporteur on Machinery)



# Your feedback



- ▶ Clear intention to have a transfer (carry over) of all harmonized standards (hENs) in support of MD to OJEU list under MR
- ▶ **BUT** CEN and CENELEC TCs are expected to address the gaps brought by changes in MR
  - ⇒ Standardization Request (SReq) for Machinery Regulation
- ▶ TCs can continue working on planned and ongoing projects
  - ⇒ Refer to current mandate M/396 in informative Annex Z
- ▶ First draft of SReq for Machinery Regulation is expected to be received in June 2023

# Summary of key points

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- ▶ Content of SReq MR will be discussed and negotiated between EC, CEN and CENELEC (in SRAHG) in line with [CEN and CENELEC process](#)
- ▶ TCs will participate and contribute to SRAHG via their representatives
- ▶ The TCs' analysis plus a timely, well-considered input to the draft SReq for MR (via SRAHG) are key
- ▶ Two scenarios possible for Annex I to SReq: [thematic](#) or [prescriptive](#) list
- ▶ Essential to have the SReq as complete as possible; later amendments to SReqs are not a quick exercise



**CENELEC**

# Thank you for your participation!

Upcoming...

2023-06-08 – [Stakeholder Workshop 'Standards: Driving the future of CleanTech in Europe'](#)