



European Standardization Organizations

Welcome to this 10-10 webinar!

Standardization in Horizon Europe

*We start at
10:00 CEST*

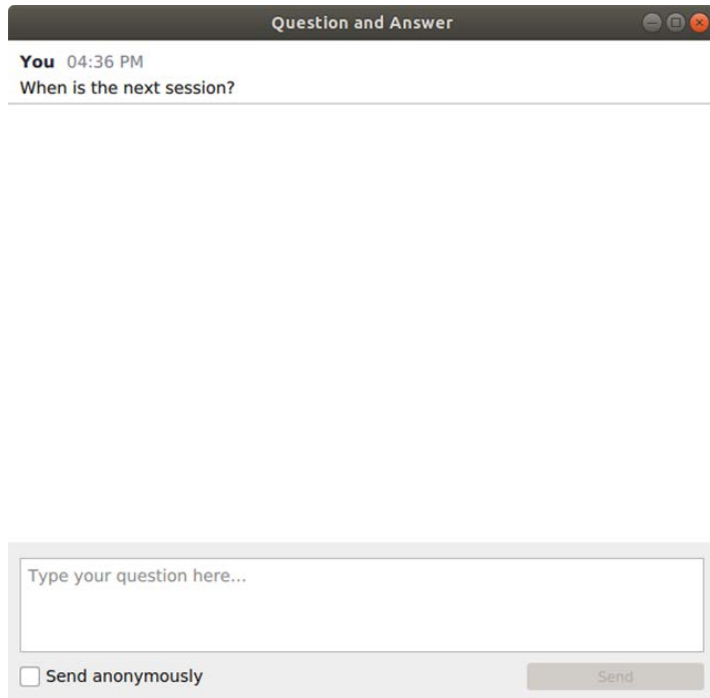
Your webinar moderator



Els Somers
Project Manager
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Get the most out of the webinar today

- ▶ Use the Q&A panel to submit your questions



The screenshot shows a 'Question and Answer' window. At the top, it says 'Question and Answer' with window control icons. Below that, a message from 'You' at '04:36 PM' asks 'When is the next session?'. Underneath is a large text input field with the placeholder 'Type your question here...'. At the bottom left, there is a checkbox labeled 'Send anonymously'. At the bottom right, there is a 'Send' button.

- ▶ Talk about us on Twitter [@Standards4EU](https://twitter.com/Standards4EU) [#1010webinar](https://twitter.com/Standards4EU)

Your speakers today



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▶ **Horizon Europe**

- ▶ Horizon Europe structure
- ▶ Link with CEN-CENELEC Bodies

▶ **Integrating standardization in Horizon Europe projects**

- ▶ How to include standardization in your project
- ▶ CEN-CENELEC Guide [23](#) and [29](#)
- ▶ [CEN-CENELEC BT/WG STAIR](#)

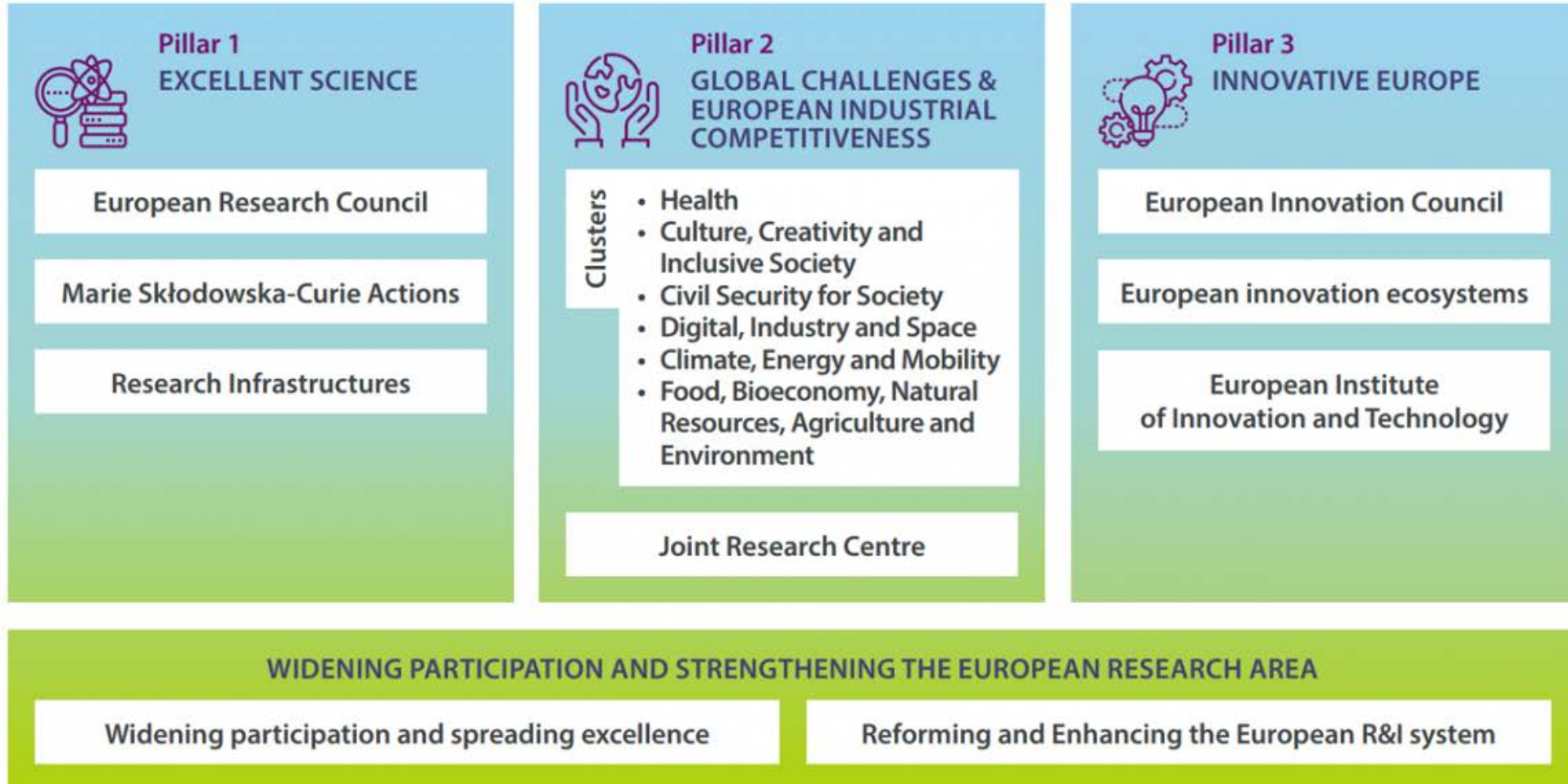
▶ **CEN-CENELEC services & activities**

- ▶ [CEN-CENELEC Research Helpdesk](#)
- ▶ [Standards+ Innovation Awards](#)

- ▶ Next EU's research and innovation framework programme running from 2021-2027 (succeeding to Horizon 2020)
- ▶ Budget \approx €95.5 billion
- ▶ It will help researchers and innovators to deploy their ideas with the aim to boost growth, trade and investment and to create a significant social and environmental impact.
- ▶ Strengthening the link with Horizon Europe is an opportunity for CEN-CENELEC and Members to be involved in innovative fields and to ensure timely uptake of research and innovation result into standardization

Horizon Europe - structure

THREE PILLARS FOR IMPLEMENTATION



Pillar 2: six clusters



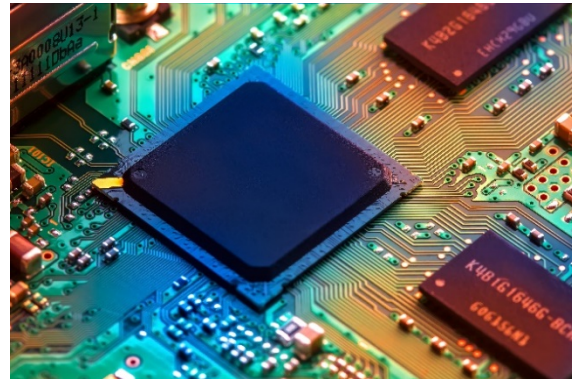
Cluster 1 - Health



Cluster 2 – Culture, creativity and inclusive society



Cluster 3 - Civil Security for Society



Cluster 4 – Digital Industry & Space



Cluster 5 – Climate, Energy and Mobility



Cluster 6 – Food, Bioeconomy, Natural Resources, Agriculture and Environment

Cluster 1 - Health

Destinations:

1. Staying healthy in a rapidly changing environment
2. Living & working in a health-promoting environment
3. Tackling diseases & reducing disease burden
4. Ensuring access to innovative, sustainable & high-quality Healthcare
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
6. Maintaining an innovative, sustainable & globally competitive health industry

CEN-CENELEC Bodies:

- ▶ [CEN-CENELEC Advisory Board for Healthcare Standards \(ABHS\)](#)
- ▶ [CEN/CLC/JTC 3](#) Quality management and corresponding general aspects for medical devices
- ▶ [CEN/TC 140](#) In vitro diagnostic medical devices
- ▶ [CEN/TC 251](#) Health informatics
- ▶ [CEN/TC 362](#) Healthcare services - Quality management systems
- ▶ [CEN/TC 450](#) Patient involvement in person-centred care
- ▶ [CLC/TC 62](#) Electrical equipment in medical practice
- ▶ ...

Destinations:

1. Innovative Research on Democracy and Governance
2. Innovative Research on the European Cultural Heritage and the Cultural and Creative Industries
3. Innovative Research on Social and Economic Transformations

CEN-CENELEC Bodies:

- ▶ [CEN/TC 346](#) - Conservation of Cultural Heritage
- ▶ [CEN/TC 457](#) - Digital preservation of cinematographic works
- ▶ [CEN/TC 468](#) - Management and preservation of digital content
- ▶ [CEN/CLC/JTC 21](#) - Artificial Intelligence
- ▶ [CEN/CLC/JTC 13](#) - Cybersecurity and Data Protection
- ▶ ...

Destinations:

1. Better protect the EU and its citizens against Crime and Terrorism
2. Effective management of EU external borders
3. Resilient Infrastructure
4. Increased Cybersecurity
5. Disaster-Resilient Society for Europe
6. Strengthened Security Research and Innovation

CEN-CENELEC Bodies:

- ▶ [CEN-CENELEC Sector Forum on Security \(SF-SEC\)](#)
- ▶ [CEN/TC 391](#) Societal and Citizen Security
- ▶ [CEN/TC 439](#) Private security services
- ▶ [CEN/TC 224](#) Personal identification and related personal devices with secure element, systems, operations and privacy in a multi sectorial environment
- ▶ [CEN/CLC/JTC 4](#) Services for fire safety and security systems
- ▶ [CEN/CLC JTC 13](#) Cybersecurity and Data Protection
- ▶ ...

Destinations:

1. Climate neutral, circular and digitised production
2. Increased autonomy in key strategic value chains for resilient industry
3. World leading data and computing technologies
4. Digital and emerging technologies for competitiveness and fit for the green deal
5. Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data
6. A human-centred and ethical development of digital and industrial technologies

CEN-CENELEC Bodies:

- ▶ [CEN/CLC/JTC 19](#) Blockchain and Distributed Ledger Technologies
- ▶ [CEN/CLC/JTC 5](#) Space
- ▶ [CEN/CLC/JTC 13](#) Cybersecurity and Data Protection
- ▶ [CEN/CLC/JTC 21](#) Artificial Intelligence
- ▶ [CEN/TC 352](#) Nanotechnologies
- ▶ [CEN-CENELEC Focus Group on Quantum Technologies](#)
- ▶ ...

Destinations:

1. Climate sciences and responses for the transformation towards climate neutrality
2. Cross-sectoral solutions for the climate transition
3. Sustainable, secure and competitive energy supply
4. Efficient, sustainable and inclusive energy use
5. Clean and competitive solutions for all transport modes
6. Safe, Resilient Transport and Smart Mobility services for passengers and goods

CEN-CENELEC Bodies:

- ▶ [CEN-CENELEC Sector Forum Energy Management \(SFEM\)](#)
- ▶ [CEN-CENELEC Coordination Group 'Adaptation to Climate Change' \(ACC-CG\)](#)
- ▶ [CEN-CENELEC eMobility Coordination Group \(eM-CG\)](#)
- ▶ [CEN-CENELEC-ETSI Sector Forum on Smart and Sustainable Cities and Communities](#)
- ▶ [CEN/CLC/JTC 10](#) Energy-related products - Material Efficiency Aspects for Ecodesign
- ▶ [CEN/CLC/JTC 6](#) Hydrogen in energy system
- ▶ ...

Destinations:

1. Biodiversity and Ecosystem Services
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption
3. Circular economy and bioeconomy sectors
4. Clean environment and zero pollution
5. Land, oceans and water for climate action
6. Resilient, inclusive, healthy and green rural, coastal and urban communities
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal

CEN-CENELEC Bodies:

- ▶ [CEN-CENELEC Strategic Advisory Body on Environment \(SABE\)](#)
- ▶ [CEN/CLC/ETSI/SF-SSCC](#) CEN-CENELEC-ETSI Sector Forum on Smart and Sustainable Cities and Communities
- ▶ [CEN/TC 164](#) Water supply
- ▶ [CEN/TC 165](#) Waste water engineering
- ▶ [CEN/TC 183](#) Waste management
- ▶ [CEN/TC 249](#) Plastics
- ▶ [CEN/TC 411](#) Bio-based products
- ▶ [CEN/TC 463](#) Microbiology of the food chain
- ▶ ...

How to include standardization in projects

Screen existing standards



Standards are state of the art for industrial and societal practices

Join an existing standardisation community



You can join the Technical Committee works by participating as an expert through your NSB. You can ask for a **Project Liaison**, your project will be then represented and can fully contribute but without voting rights.

Revise an existing European Standard or develop a new one



Review ongoing standardization works relevant for your activity and to integrate some of your results in them. Works can be for new standards or for the modification of existing ones.

Fast track to new standardisation



If you plan to develop new standards a CEN Workshop Agreement (**CWA**) is a fast-track to new standardization

Standardization partner in the consortium

- ▶ A National Standardization Body can participate as partner a consortium to develop standardization activities within the project
- ▶ Involving an NSB as partner can demonstrate the project capacity to contribute to standardization
- ▶ So far CEN and CENELEC Members have participated in 63 FP7 projects and in 130 H2020 projects

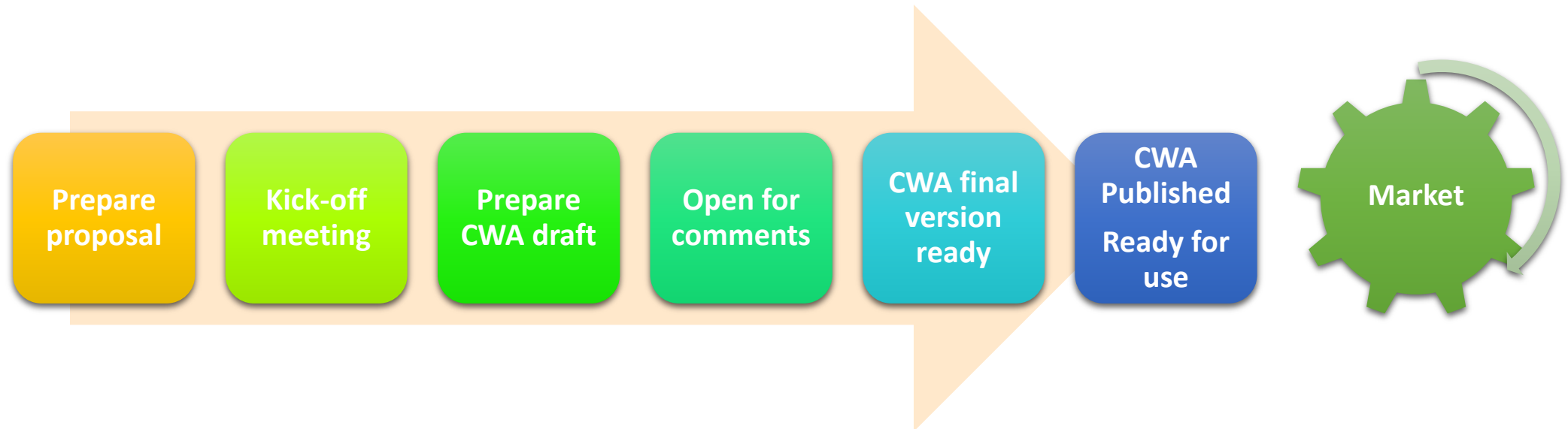


- ▶ Formal mechanism that allows a research project collaborate with an existing Technical Committee (TC) active in the same field
- ▶ Complementary to “national delegation principle”
- ▶ The project representative can participate in the TC directly, thus ensuring synergies between the research and standardization work



Fast track to standardization

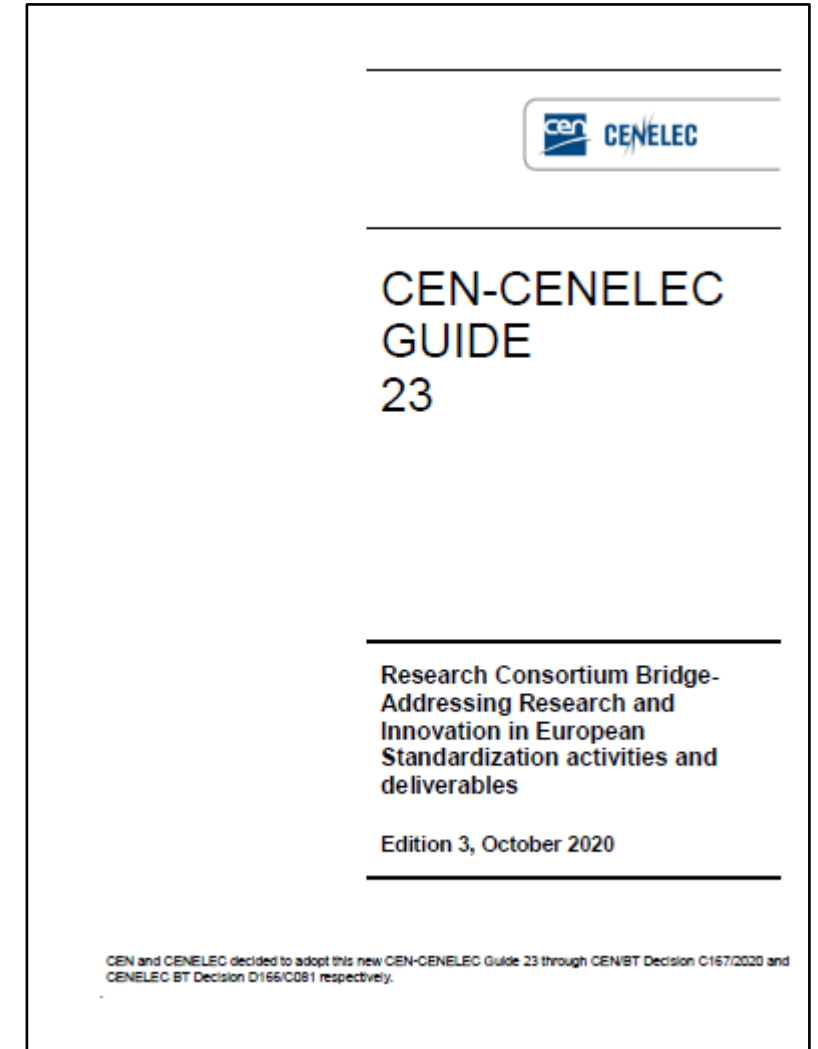
- ▶ CEN/CENELEC Workshop Agreement (CWA) is a standardization deliverable developed in a CEN/CENELEC Workshop open to the direct participation of anyone.
- ▶ CWA reflects consensus of identified stakeholders - the Workshop participants who drafted and approved CWA are indicated in the Foreword
- ▶ Participation in the Workshop is open to anyone willing to join and accepting the project plan



CEN-CENELEC Guide 23

Guide 23 “*Research Consortium Bridge - Addressing Research and Innovation in European Standardization activities and deliverables*” provides guidance on addressing research and innovation (R&I) in European standardization.

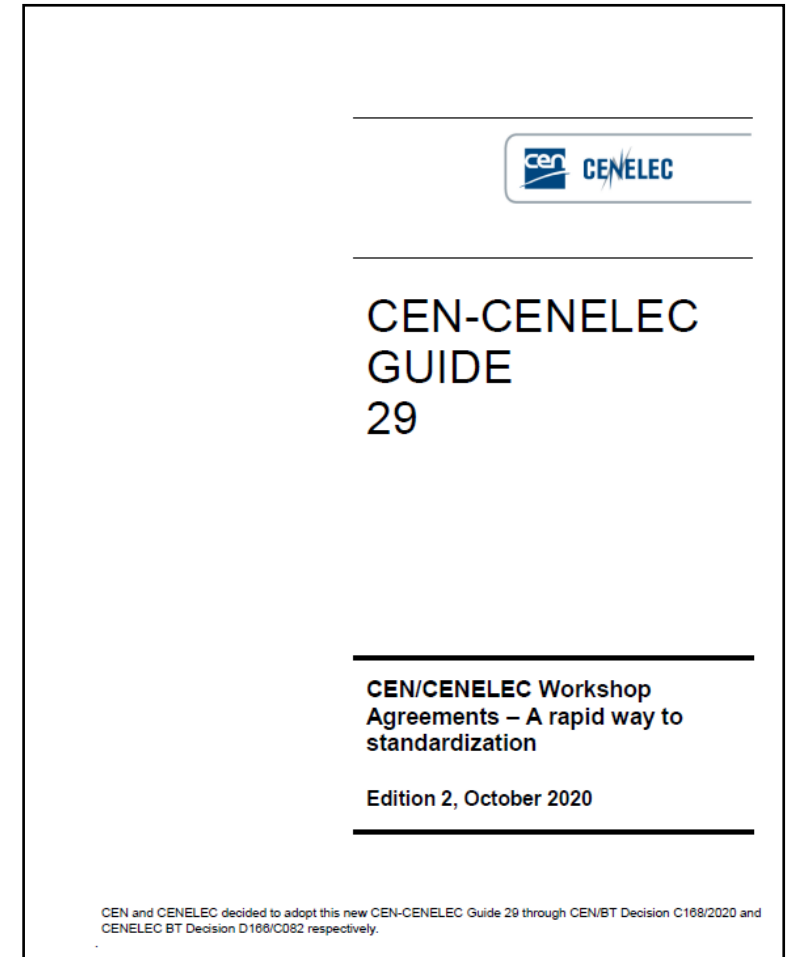
[Link.](#)



CEN-CENELEC Guide 29

Guide 29 “*CEN/CENELEC Workshop Agreements a rapid way to standardization*” addresses CWAs that are particularly attractive for European research and innovation projects that have to deliver results within their project lifetimes.

[Link.](#)



- ▶ A dedicated joint working group on **ST**andardization, **I**nnovation and **R**esearch (**STAIR**) created in 2008
- ▶ Provides strategic advice to the CEN and CENELEC Technical Boards on synchronizing standardization with innovation and research
- ▶ Offers an information exchange platform among the Members on initiatives related to participation in R&I projects

CEN-CENELEC Services & Activities





- ▶ Advise projects on how to address standardization
- ▶ Help consortia finding a standardization partner
- ▶ Screen calls for proposal and inform of relevant standardization opportunities

Research@cencenelec.eu

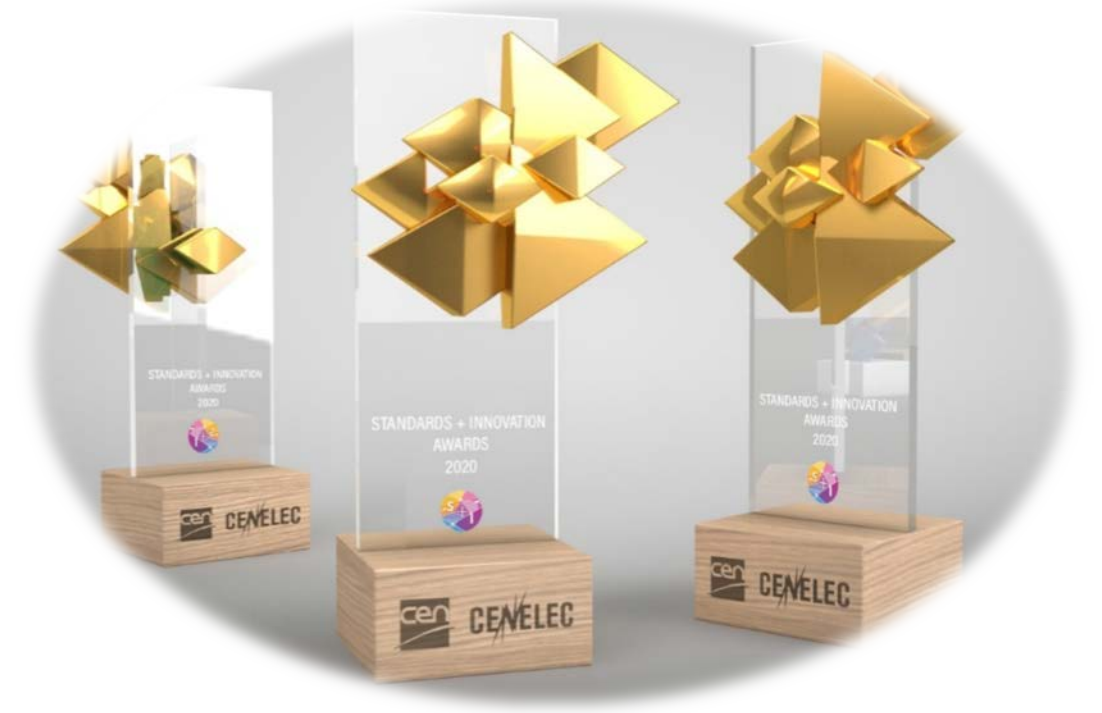


Standards + Innovation Awards

Categories:

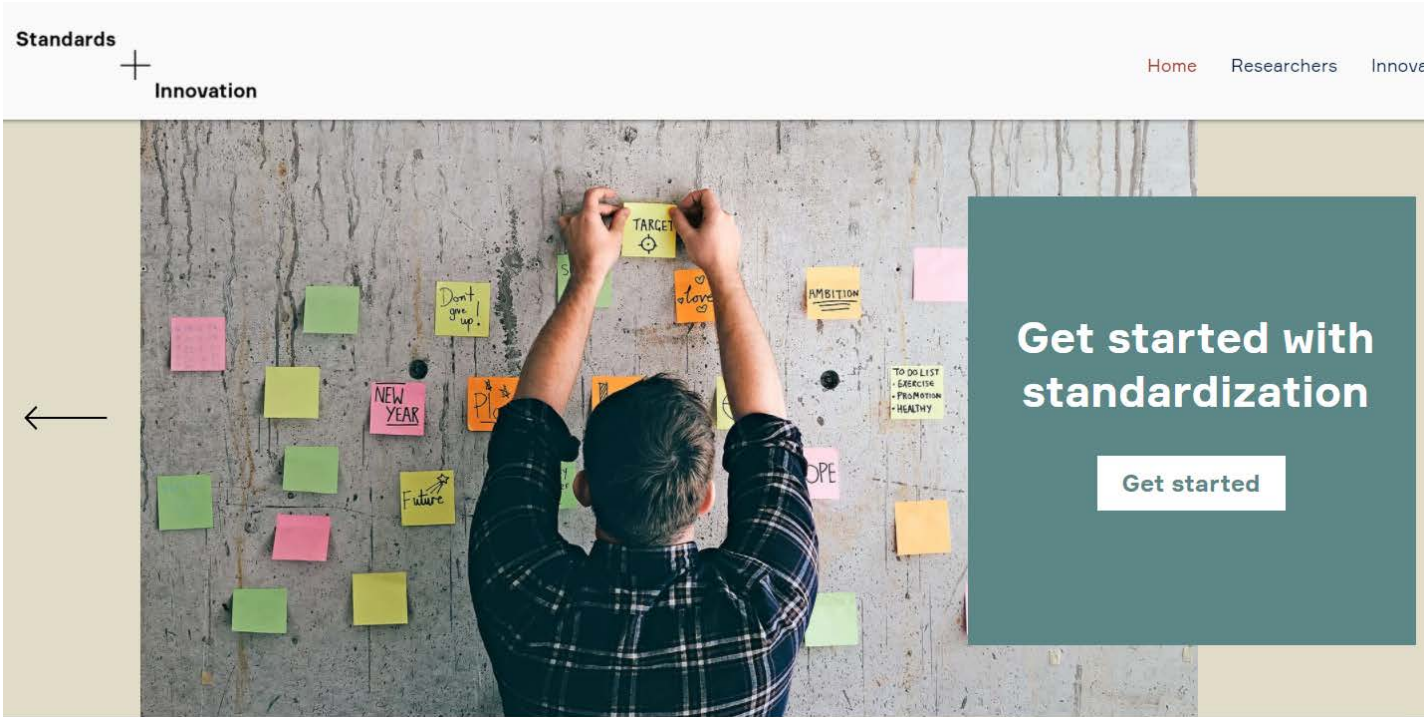
1. Individual researcher/innovator
2. Research project 
3. Young Researcher
4. Technical Body Officer 

[Read more.](#)



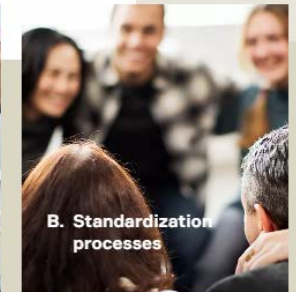
Learn More

www.standardsplusinnovation.eu



Standards and Research & Innovation

Click on any topic below or use the menu above to jump to any chapter

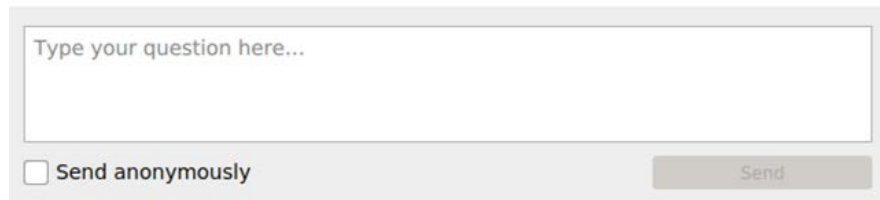


www.standardspluselearning.eu/

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Question time

▶ Use the Q&A panel to submit your questions



Type your question here...

Send anonymously

Send



European Standardization Organizations

Thank you for your participation!

Next webinars:

2021-04-20 - Webinar ['Connecting European Sustainable Finance to standardization'](#)

2021-05-10 – 10-10 webinar ['Lessons learned for CEN and CENELEC from the COVID-19 crisis'](#)