

Adaptation to Climate Change in Standardization - Approaches, challenges and outlook [Zoom, October 5th – 6th, 2020]

Join the CEN-CENELEC online workshop '**Adaptation to Climate Change in Standardization - Approaches, challenges and outlook**'! This workshop will bring together stakeholders involved in standards for the infrastructure sector (Construction, Energy, Transport, ICT) with experts on climate adaptation, climate change scientists and experts for management of climate risks.

The multitude of challenges posed by climate change are increasingly being recognized. As part of an EC mandate started in 2014, the Commission and CEN/CENELEC have sought to address the adaptation of European standards and standardization to climate change, with special emphasis on the resilience of key sectors. Under this mandate, the workshop seeks to better align climate change guidance for standard writers with user needs, and foster cross-sectoral exchange of experiences in order to contribute to more climate resilient infrastructure throughout Europe.

WHAT?

During the two-day online workshop participants will discuss practical issues encountered in incorporating climate change consideration in standards and lessons learnt. The focus is on previously identified standards for buildings, energy, transport and ICT infrastructures currently in revision. The aim of this workshop is to discuss and collect experiences and recommendations from the participating stakeholders on what is needed in standardization to face the challenges of a changing climate and how revision of standards can take place in concrete and practical terms.

Day one will highlight relevant concrete approaches and examples in standards. To determine what additional support is needed, the strengths and weaknesses of existing climate change guidance in standardisation will be evaluated. Day two will look towards the near-future; what future climate data is available or being developed, and how this can best be used in standards. The interaction between climate projection data and climate data needed for standardization will be examined, as illustrated by practical projects. Barriers and enablers in standards development will also be discussed more broadly, setting out the direction in which the standardisation community needs to go in the long-term in order to address the new European policy objectives and to effectively tackle the challenges of a changing climate.

WHO SHOULD ATTEND?

All standard writers interested in adaptation to climate change, especially stakeholders of standards in the infrastructure sector (Construction, Energy, Transport, ICT), experts from the Meteorological sector, as well as experts with first-hand experience on adaptation to climate change and other interested parties.

REGISTRATION

Please register for this online workshop using the links below.

Day 1, Monday October 5th (13.30 – 16.00 CET):

https://nen.zoom.us/meeting/register/tJUqf-ytpzsiGdwJ8MCyX_jhHbZpRzHNRkds

Day 2, Tuesday October 6th (10.00 – 12.30 CET):

<https://nen.zoom.us/meeting/register/tJwlc-qgrzWuHNc0HqY5VB9BBRnknwQSRPzR>

After registering, you will receive a confirmation email containing the Zoom login details. You are encouraged to register for both days, but attending a single session is also possible.

DRAFT PROGRAMME

Monday 5 & Tuesday 6 October 2020 – Online Zoom meeting

Day 1: 13.30 – 16.00 CET		
13.30	Opening and Welcome	Mingyi Wang (Chair)
1: Overview of the European ACC policy and standardization priorities		
13.35	Climate change adaptation priorities in the EU	Elena Višnar Malinovská, Head of Unit 'Adaptation to climate change' (DG CLIMA)
13.50	ACC aspects in European standards	Andrea Nam (CEN-CENELEC)
14.00	Guidance on climate change adaptation for standard writers	Doogie Black, ACC-CG expert on climate adaptation (Trioss)
2: First experiences with the revision of standards		
14.15	Case study experiences from technical committees (<i>two parallel sessions</i>) in how they have addressed the challenges of embedding ACC within their respective standards. What went well, what was difficult, and what could we improve on?	
	Parallel session 1. Construction Presentation: Sustainability of construction works. New standard prEN 17472: Sustainability assessment civil engineering works - Calculation methods. Antonio Burgueño , Convenor of CEN/TC 350/WG 6 'Civil Engineering works'	Parallel session 2. Energy infrastructure Presentation: Safety and integrity of physical gas infrastructure. EN 16348 & EN 15399: Safety and pipeline integrity management for gas infrastructure. Gerard Stallenberg , Convenor CEN/TC 234/WG 12 'Safety and Integrity management'
	Looking back: what are experiences of the standard writers up to now? Results, challenges and inputs for updating of the guidance	Looking back: what are experiences of the standard writers up to now? Results, challenges and inputs for updating of the guidance
15.30 - 16.00	Plenary wrap-up	Chair, session representatives
Day 2: 10.00 – 12.30 CET		
3: Climate projection data as one condition for adaptation of standards		
10.00	Brief summary of the preceding day's discussion points	Chair

10.05	Dealing with uncertainties in climate projections	Andreas Walter, Head of Department "Statistical Climatology and Adaptation to climate change" at the German Meteorological Service
10.25	Future climatic data to be developed in the <i>'Copernicus Climate Change Service - Sectoral Information System to Support Infrastructure, Transport and Associated Standards'</i>	Jorge Paz, Climate Data Scientist at Tecnalia
10.45	A standard on climatic data, example: EN-ISO 15927-4 'Hygrothermal performance of buildings — Calculation and presentation of climatic data — Part 4: Hourly data for assessing the annual energy use for heating and cooling'	Jean-Marie Alessandrini – Convenor of ISO/TC 163/SC 2/WG 16 'Hourly data for assessing the annual energy use for heating and cooling'
11.05	Discussion: How to bridge the gaps between identified needs from standards with deliverables from climate projection data (e. g. Tecnalia-project)?	
11.20	Coffee break	
	4: Final discussion and outlook	
11.25	Dividing into (cross)sectoral groups to discuss future challenges and needs: what are barriers, what are enablers? How can the revision of standards be supported in a better way? Feedback from groups in plenary discussion.	
12.20	Closure of meeting with short summary of the workshop and outlook.	Chair