



INFORMATION FOR TECHNICAL BODY OFFICERS

## COMMON SESSION

# CEN and CENELEC Journey towards the UN Sustainable Development Goals (SDGs)

Claire DALIER

Deborah WAUTIER

## CEN and CENELEC Journey towards the UN Sustainable Development Goals (SDGs)

1. The Agenda 2030 & the 17 SDGs
2. Standards in support of the SDGs  
Focus on SDG 5 Gender-responsive standards
3. UN SDGs in European policy
4. CEN and CENELEC tools for TBOs

What's next: Twin green and digital transition



# 1. The Agenda 2030 & the 17 SDGs



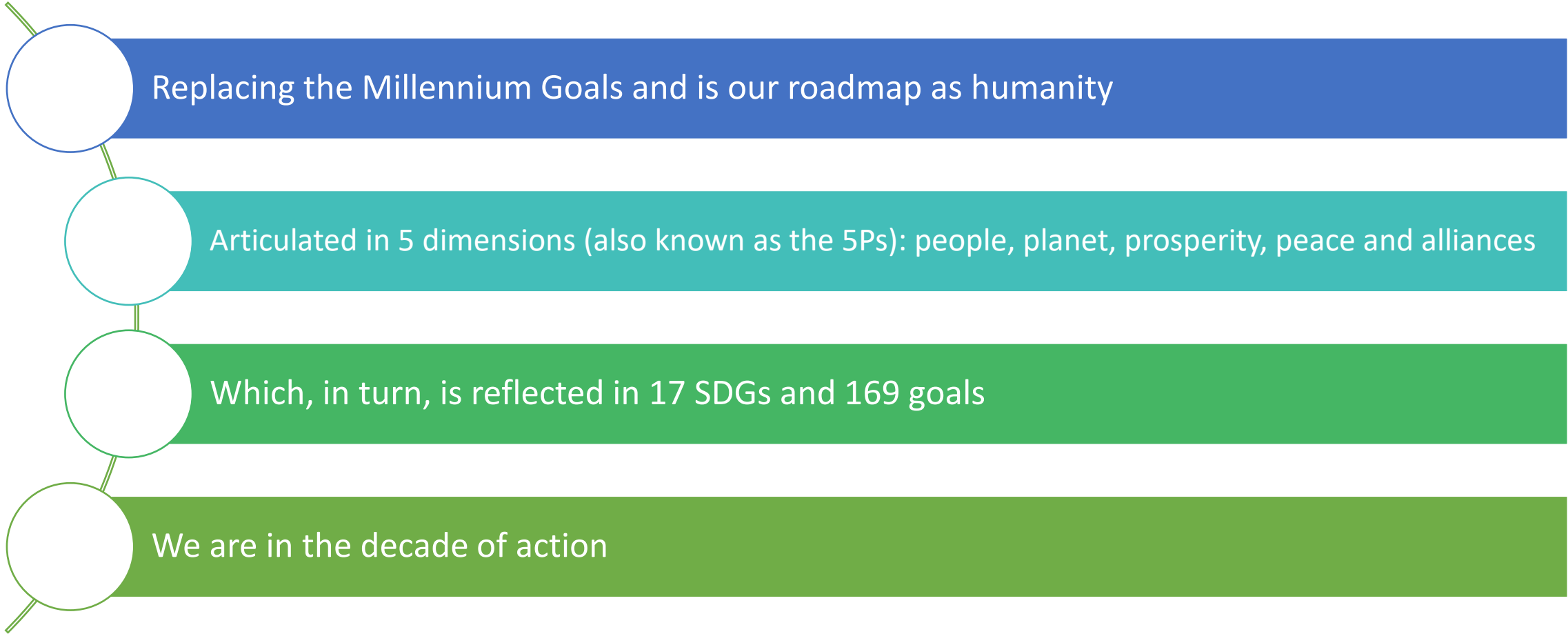
# Sustainable Development Goals: Improve Life All Around The Globe



Source: <https://www.youtube.com/watch?v=kGcrYkHwE80>

# The Agenda 2030

*Approved in 2015 by the 193 UN members*



## 2. Standards in support of the SDGs

# Reminder on SDGs and our role

*Universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. The implementation and success will rely on all stakeholders. To be achieved, it is crucial to harmonize three core elements: economic development, social inclusion and environmental protection.*

## Sustainable Development Goals



1

*Standards allows to translate the SDG into actionable business objectives and can be used as a framework to operate sustainably.*

2

*SDG 17 Partnerships, we are a catalyst for partnerships and alliances!*

# Why this project? Why now?

## ▶ Context

- ▶ Agenda 2030 & UN SDG
- ▶ European political agenda
- ▶ ISO and IEC main objectives
- ▶ CEN and CENELEC Strategy 2030
- ▶ CEN and CENELEC develop standards in several sectors that support SDG



but with little or no visibility

## ▶ Main Objective

- ▶ Raise awareness towards CEN and CENELEC contribution to SDG
- ▶ Incite stakeholders to use/consider or recommend CEN and CENELEC work for implementation of SDG





## 3. STRATEGIC CONTEXT

The strategy outlined below will not be deployed in a vacuum. Its main aim is to provide a sense of direction, to help CEN and CENELEC navigate future challenges and opportunities. This will help us to thrive in an ever-changing environment, and to better serve the evolving needs and interests of our stakeholders and customers. An incremental implementation approach, with provisions and mechanisms for regular evaluation and reprioritization, will further allow us to adapt to an often uncertain and volatile environment.

To inform our strategic direction for the decade to come, we identify below two cross-cutting, mutually reinforcing drivers of change, which we believe will reshape the socio-economic and political realities of the decades to come and change how we do business and offer value to our stakeholders and customers. We frame these drivers firmly within the overarching narrative for sustainable economic growth as stipulated in the UN 2030 Agenda for Sustainable Development, while focusing on where we believe our impact and added value is greatest, which is at the European level.

## 5.2 International standardization to be a lever for sustainable development

CEN and CENELEC Members are committed to coordinating and leveraging their respective positions within ISO and IEC to drive and enhance an ambitious and consistent contribution from standardization to the United Nations' 2030 Agenda for Sustainable Development and the 17 Sustainable Development Goals (SDGs) and 169 targets enshrined in there. Together, the ISO and IEC standards address a comprehensive array of issues across the three pillars of economic, environmental and societal sustainability. Standardization, therefore, should be recognized and used as a critical catalyst for sustainable development. CEN and CENELEC Members will coordinate and bolster the European voice at international level to further foster and materialize that strategic potential.

# CEN-CENELEC actions

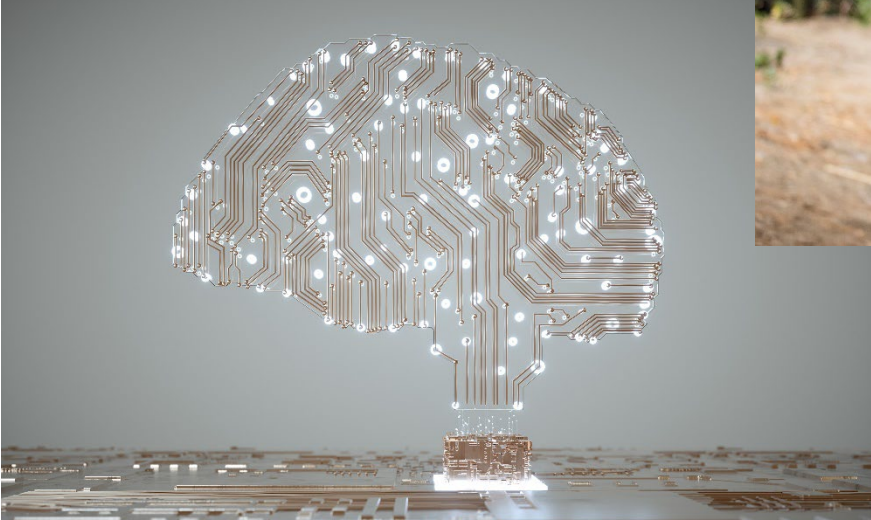


Standards for the Climate: CEN and CENELEC signed the London Declaration in 2021

UNECE declaration in 2019 on Gender Responsive Standards



# SDG 5 - Achieve gender equality and empower all women and girls



# SDG 5 - Achieve gender equality and empower all women and girls

- ▶ CEN and CENELEC are committed to an inclusive, transparent and open standardization system

→ **Inclusive as the standard**

- ▶ 2019: Launch of UNECE Declaration in support of **SDG 5** → '**Gender Responsive Standards and Standards Development**'



[UNECE Video](#)



Training for newly appointed TB Officers

# CEN & CENELEC Project Scope

Systematic approach that enables the standardization community to demonstrate whether a specific European standard is supporting one or several SDG



## Project Sponsor:

CEN and CENELEC Technical Boards

## Project Team:

- ▶ CCMC
  - ▶ Standardization & Digital Solutions
  - ▶ IT
  - ▶ Policy & Partnerships
  - ▶ Market Perspectives & Innovation
- ▶ BT Steering Group (Members + Partners)
- ▶ CEN and CENELEC TC Leadership

## Stakeholders:

- ▶ ISO
- ▶ IEC
- ▶ UNECE

# Project outcome

- Mapping exercise (1195 standards)
- Mapping tool + NWI form revised + SDG Toolbox for experts launched
- ISO/IEC parallel work embedded
- Mapping tool for download in website portal
- World Standards Day on SDG – social media campaign
- New website concept
- Webinar for CEN-CENELEC experts + Communication campaign

**FEBRUARY 2021 → APRIL 2022**



# Mapping results

**5787** deliverables of the Portfolio, including ISO/IEC parallel work, mapped and supporting at least one SDG (end of Nov 2022)





# New look

<https://www.cencenelec.eu/european-standardization/sustainable-development-goals-sdgs/>

Webpages fully integrated as a new section of CEN-CENELEC website



- Landing page
- Impact at a glance (mapping)
- Individual pages on each SDG
- Search feature
- Individual standards linked to SDGs
- New activities and stories section
- Resources section

# Landing page

[CEN and CENELEC](#) | [European Standards](#) | [Strategy 2030](#) | [Sustainable Development Goals \(SDGs\)](#) | [International Cooperation](#) | [IPR and Patents](#)

New activities and stories

Supporting resources

Frequently asked questions on SDGs

## CEN and CENELEC Journey towards the UN Sustainable Development Goals (SDGs)



EXPLORE THE NUMBER OF CEN AND CENELEC STANDARDS THAT CONTRIBUTE TO EACH SUSTAINABLE DEVELOPMENT GOAL



## Welcome to the new dedicated webpage on European standards for the SDGs!

The **2030 Agenda for Sustainable Development**, adopted by the United Nations in 2015, provides a shared blueprint for peace and prosperity for people and the planet.

At its heart are the **17 Sustainable Development Goals (SDGs)**, which are an urgent call for action for a global partnership to **address social imbalances, develop a sustainable economy, and fight against climate change.**



"CEN and CENELEC are committed to leveraging the power of European standards to address global challenges. We are looking forward to collaborating with all economic and social stakeholders and pooling their

## □ Impact at a glance

- New visual, interactive
- Overview of how many standards contribute to each goals (mapping results)
- The number will continue to grow and evolve as new/revised projects and fields of work are added.
- ISO and IEC parallel work embedded

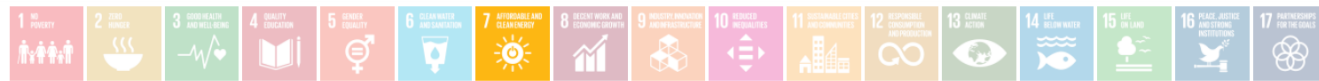
## □ Quote from Elena Santiago

## □ Brief intro

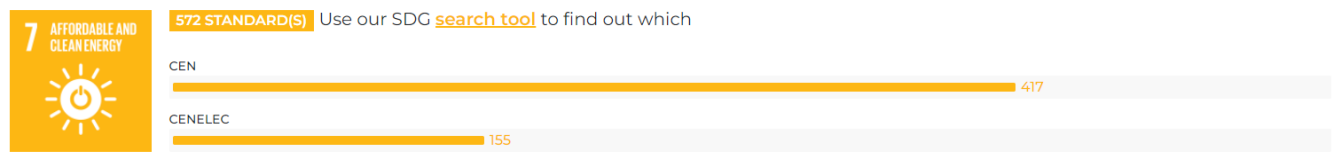
- What the UN SDGs are, what CEN and CENELEC are doing and how to get involved in advancing the global agenda 2030, link to UN SDGs page.

## □ Single contact point

# Individual pages on each SDG



## SUSTAINABLE DEVELOPMENT GOALS (SDGS)



## SDG Goal 7 - Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all

SDG 7 focuses on access to affordable, reliable, sustainable and modern energy for all. Modern society depends on reliable and affordable energy services to function smoothly and to develop equitably. Therefore, well-established, modern energy systems are needed with improved energy efficiency and increasing share of renewable energy. Intensive development patterns have historically relied on inexpensive and energy-dense fossil fuels, which also happen to be the primary source of greenhouse gas emissions contributing to climate change. However, new, clean technologies are available that can reorient development along a more sustainable trajectory. SDG 7 in an EU context involves looking at developments in energy consumption, energy supply and access to affordable energy.

### Links for more information:


- [SDG Compass](#)
- [Indicators](#)

572 STANDARDS ARE HELPING TO MEET SDG 7  
[Use our SDG search tool to find out which](#)

- ❑ Number of standards supporting this specific SDG
- ❑ Brief text introducing the SDG
- ❑ Search link to retrieve the standards

# Search Standards

About CEN | About CENELEC | Contact Us | Search Standards | MY EXPERT AREA



EUROPEAN STANDARDIZATION | GET INVOLVED | AREAS OF WORK | NEWS AND EVENTS

SEARCH IN  CEN  CENELEC

Keywords:  - select a language -

Committee: CEN/TC 38 Durability of wood and wood-based products

Deliverable: Type: - Deliverables - Standard Reference:

Legal Framework: - Directives -

Status:  Preliminary Stage  Under Draft  Under Approval  Under Enquiry  Approved  Published  Withdrawn

Standards Classification: ICS: - ICS - Activity sector: Activity Sectors -

SDG: GOAL 1 - No Poverty

RESET SEARCH

- ❑ Search per Goal (no possibility to search several goals at the same time)
- ❑ Already pre-filtered per goal
- ❑ Cumulative search criteria

Standards : 91



Committee	Reference, Title	Status	Sales Points
CEN/TC 38	(WI=00038196) Remedial treatment of wood against insects by injection	Preliminary	
	(WI=00038200)		

# Individual standards

CENELEC Communities | [Technical Work](#) | Structure and Governance

CENELEC Technical Bodies

CENELEC Standards Evolution and Forecast

## CEN/CLC/JTC 11 - Accessibility in the built environment

General | Work programme | [Published Standards](#)

This standard contributes to the following SDG:



EN | FR | DE

### Project

Reference	EN 17210:2021
Title	Accessibility and usability of the built environment - Functional requirements
Project Number	JT011001
Abstract/Scope	This document describes basic, minimum functional requirements and recommendations for an accessible and usable built environment, following "Design for All"/"Universal Design" principles which will facilitate equitable and safe use for a wide range of users, including persons with disabilities. The requirements and recommendations given in this document are

### Implementation Dates

date of Ratification (DOR) (1)	2020-11-30
date of Availability (DAV) (2)	2021-01-13
date of Announcement (DOA) (3)	2021-04-30 (7)
date of Publication (DOP) (4)	2021-07-31
date of Withdrawal (DOW) (5)	2024-01-31 (7)

- SDGs icons at the top between the 'title' of the standard and 'Project'

# UN SDGs in European policy



- ▶ Sustainable development goals = priority objective of European policies
  - SDGs are intrinsic part of the European political programme
  - Action: **mainstreaming sustainability** in all European policies
  - **Example:** The European **Green Deal** is putting Europe on a pathway to a Sustainable future
  - Relevance for standards
    - ✓ The Green Deal will make consistent use **standards**
    - ✓ **new standards** for sustainable growth to be developed

## 3. CEN and CENELEC tools for TBOs



# How to map a new/revised project?



Revised New Work Item (NWI) form

**CEN and CENELEC BT decisions 022/2021; D169/003**

- ▶ Improvement of the NWI proposal form to clarify some parts, e.g.: target dates for Flex process
- ▶ Addition of United Nations Sustainable Development Goals (SDGs)



- ▶ CEN/TC secretaries to use the NWIP form from the Projex Online Working Area for the adoption of NWIs and the activation of PWIs;
- ▶ **Implementation date: 10 January 2022**

<b>This document could be of interest to</b>	
The following CEN and/or CENELEC (joint) technical bodies: .....	
Other technical bodies are requested to indicate their interest, if any, in this work item to the TC/SC secretary.	
<b>Functions concerned</b>	
<input type="checkbox"/> EMC	<input type="checkbox"/> Environment
<input type="checkbox"/> Accessibility	<input type="checkbox"/> Research & Innovation
<input type="checkbox"/> Quality Assurance	<input type="checkbox"/> Safety
<b>Specific Stakeholder Groups</b>	
<input type="checkbox"/> SME	<input type="checkbox"/> Consumers
<input type="checkbox"/> Environmental	<input type="checkbox"/> Social/labour
<b>How will these Stakeholders benefit from or be impacted by the proposed deliverable?</b>	
<b>stakeholders_benefit</b>	
Please select any United Nations Sustainable Development Goals (SDGs) that this document will support. For more information, please visit the dedicated section on the CEN-CENELEC website (currently under development).	
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 10: Reduced Inequalities
<input type="checkbox"/> GOAL 2: Zero Hunger	<input type="checkbox"/> GOAL 11: Sustainable Cities and Communities
<input type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 13: Climate Action
<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 14: Life Below Water
<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	<input type="checkbox"/> GOAL 15: Life on Land
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 16: Peace, Justice and Strong Institutions
<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> N/A GOAL 17: Partnerships to achieve the Goal
<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> None of the above
<b>Proposed rationale for the selected SDG(s) - (optional):</b>	
<b>Intellectual Property Rights (IPR)</b>	
<input type="checkbox"/> there is no knowledge of items covered by IPR(s), for instance patents, copyright, trademark, etc	
<input type="checkbox"/> items covered by IPR(s), for instance patents, copyright, trademark, etc have been identified:	
IPR_identified	
<b>RELATION TO OTHER ORGANISATIONS OR PROJECTS</b>	
<b>IEC RELATIONS</b>	
<input type="checkbox"/> To be offered to IEC under the Frankfurt agreement	Justification for not offering
FA_justification_not_offering	
<b>Project based on</b>	
<input type="checkbox"/> No document from another organization	<input type="checkbox"/> An IEC or ISO/IEC document (not covered by a parallel procedure)
<input type="checkbox"/> A document from (other than IEC or ISO/IEC)	source_organisation
<b>Adoption type</b>	<input type="checkbox"/> Identical
<input type="checkbox"/> Non-Identical	Doolproject reference
<input type="checkbox"/> A draft or outline is attached	Publication date
source_reference	
source_reference_pub	
<b>Linked to European Research and Innovation Project</b>	
<input type="checkbox"/> YES	Project RI_project_code
	Project acronym
	RI_project_acronym
	Project Title
	RI_project_title
<b>PROJECT MANAGEMENT</b>	
Proposed target dates and corresponding duration in weeks – This section applies only to WIs for homegrown CLC standards (including homegrown amendments to IEC standards) and homegrown standards developed by a CEN-CLC/JTC with CLC lead.	



# IT systems and applications impacted

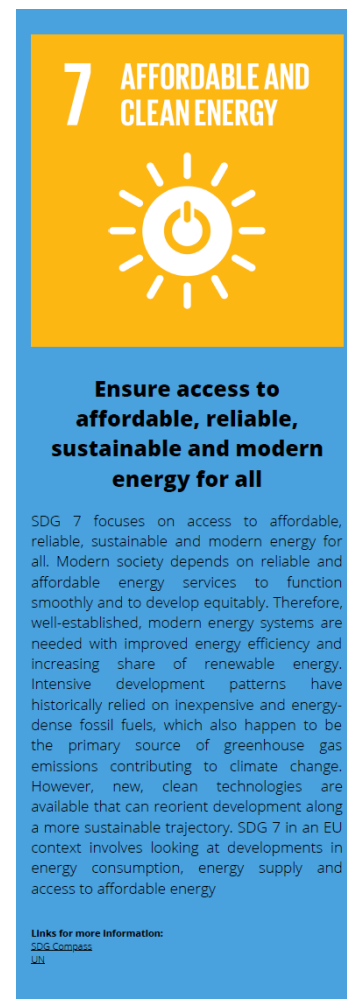
- ▶ Projex-Online Working Area (NWI form revised)
- ▶ Midas – Database (New classification)
- ▶ Projex-Online (New classification)
- ▶ Websites (SDGs displayed – dynamic pages)
- ▶ HAPI (IT Members)

# Toolbox for Technical Committees

- ▶ Leaflets designed to provide CEN and CENELEC Technical Committees with guidance for the mapping exercise of standards in their sectors
- ▶ One-stop source with all info on each SDG relevant for their standardization work:
  - ▶ Brief summary of the SDG
  - ▶ Target audience
  - ▶ Targets to be met
  - ▶ Links for more info

CEN: [UN Sustainable Development Goals \(SDG\) Toolbox - Experts CEN](#)

CENELEC: [UN Sustainable Development Goals \(SDG\) Toolbox - Experts CENELEC](#)



**Target Audience:** TCs with deliverables addressing modern energy services, energy efficiency, renewable energy and transition to an affordable, reliable, and sustainable energy system.

- **Your TC is asked to** decide whether TC deliverables can cover measures that serve in monitoring of SDG 7, including:
- ensure universal access to affordable, reliable and modern energy services
- increase substantially the share of renewable energy in the global energy mix
- increase the rate of improvement in energy efficiency
- enhance international cooperation to facilitate access to clean energy
- expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all

**Targets to be met:**

- 7.1** By 2030, ensure universal access to affordable, reliable and modern energy services
- 7.2** By 2030, increase substantially the share of renewable energy in the global energy mix
- 7.3** By 2030, double the global rate of improvement in energy efficiency
- 7.a** By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology
- 7.b** By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support

# CEN-CENELEC Gender Action Plan



## 1<sup>st</sup> GAP (2020-2022)

- ▶ Built upon Members' priorities & collective good practices
- ▶ Steered by Informal Coordination Group on Gender Diversity & inclusivity
  - ▶ Kicked-off in 2020, Open to all interested CEN and CENELEC Members
  - ▶ Goals & scope:
    - ▶ **Promote** the Declaration and Raise awareness for European Standardization Community
    - ▶ **Collect** and **exchange** views, ideas, experience and best practices
    - ▶ **Ensure the link** between activities at national and international levels to avoid duplication and boost collaboration and aligned & complementary outcomes (ISO, IEC, UNECE,...)
    - ▶ **Collaborations** & Joint actions with Members on the topic
      - Collective understanding of the implications of the topic
      - Positive impact on the issue
      - Continued commitment needed



## 2<sup>nd</sup> GAP (2023-2025)

- ▶ Approved by CEN and CENELEC CAs in November 2022
- ▶ Built upon Lessons Learnt & Members' feedback
- ▶ **3 key pillars**, with strong alignment with international activities
  - ▶ **Awareness-raising and capacity-building** activities within the European community, exchange of best practices, peer guidance, and mutual support
  - ▶ **Supporting tools for technical experts** by assessing the materials developed at global level (ISO, IEC, UNECE) for possible adoption at European level
  - ▶ **Review CEN and CENELEC policies and regulations** for a systemic and sustained consideration of gender equality in the European standardization system, standards and standards development processes
- ▶ **Next Steps:**
  - ▶ Call to Members for (re)appointment to the Informal Coordination Group on Gender Diversity & inclusivity + assessment of group's mandate
  - ▶ **S2030 Project 4** on Diversity & Inclusive Representation (! Survey to all TCs in Q2-2023)



## Parallel support to sectoral initiatives

In addition, CEN and CENELEC continue to actively **participate in European initiatives** gathering women professionals of **key sectors** of interests for CEN and CENELEC:

- ❖ **Cybersecurity:** [Women4Cyber Foundation](#)
  - ❖ **Energy:**
    - ❖ [WomenInEnergy Club](#)
    - ❖ [EC Equality Platform for the Energy Sector](#)
  - ❖ **UNECE WP.6** on [Regulatory Cooperation and Standardization Policies](#)
- Contribute to the CEN-CENELEC Gender Action Plan
- Increase participation of women in the CEN and CENELEC activities in those priority sectors





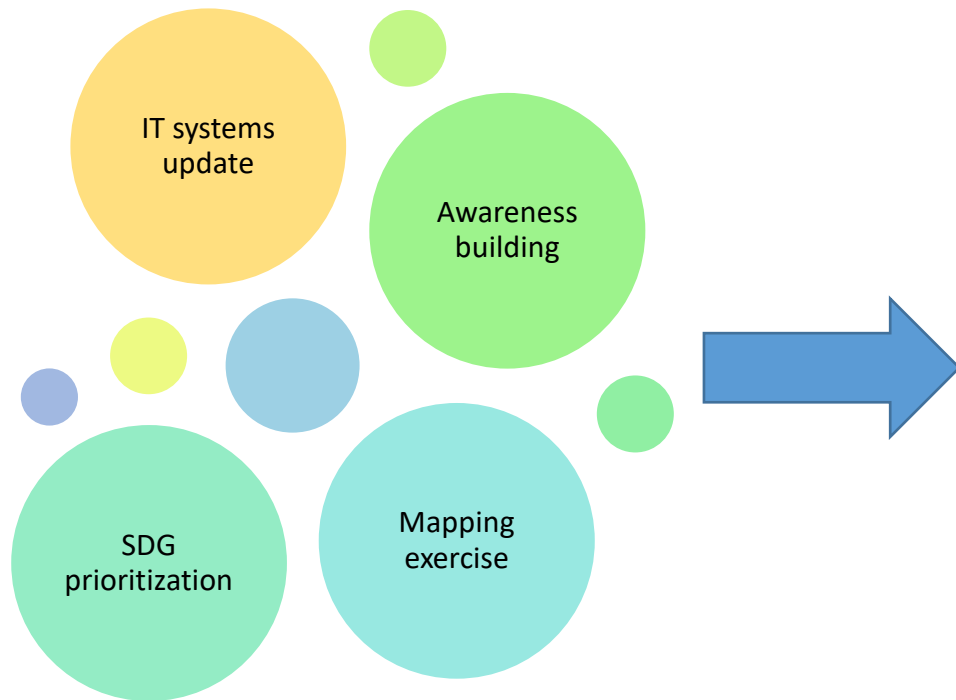
## → TBOs have a key role to play ←

- ▶ Be aware and make sure to include **sustainability & inclusiveness aspects** in the TC experts' considerations
  - ▶ Share the tools available at your disposal (e.g. Mapping of SDGs, NWIF, Guidelines, Trainings, etc.)
- ▶ Assume that all standards have gender implications → **Gender lens ON**
  - ▶ Highlight needs to consider gender-specificities and to use sex-disaggregated, etc.
- ▶ Nurture a standard-making environment that allows equal participation of all interested parties → **Inclusive meetings**
  - ▶ Use the tools available at your disposal: Rights and obligations of different stakeholders, Code of Conduct of experts, Guidelines on hybrid meetings, etc.
  - ▶ Foster enhanced participation of diverse expertise and profiles (**Representativeness**)
  - ▶ Ensure equal opportunities: ask for preferred timings? dietary preferences? Accessibility needs?...
- ▶ **Support** CEN and CENELEC activities on Inclusiveness & Sustainability (e.g. Project 4 Survey in Q2-2023).

# What's next: Twin Green and Digital Transition

# Next steps

## Phase 1 Foundation



## Phase 2 Twin Transition 'Green' and 'Digital'

Basis to define standards in support of 'green' and 'digital' Transition project, in line with EU standardization strategy



# Take-away



Everyone contribute to the achievement of the SDGs including standardizers



It is relevant for all business sectors



SDGs are at the heart of EU policies & CEN-CENELEC strategy 2030



Look at the CEN-CENELEC SDG Toolbox



Map standards to the SDG  
-> CEN-CENELEC NWI form



Contact your CCMC Sectoral Project Manager if you need support



**Thank you!**

# Background info

- ▶ <https://www.cencenelec.eu/european-standardization/sustainable-development-goals-sdgs/>
- ▶ <https://sdgs.un.org/goals>
- ▶ <https://standards4sdgs.unece.org/standards>
- ▶ <https://www.iec.ch/sdg>
- ▶ <https://www.iso.org/sdgs.html>
- ▶ <https://www.une.org/ods>

If any questions, please contact us at: [sdg@cencenelec.eu](mailto:sdg@cencenelec.eu)

# Questions ?

Claire DALIER  
[cdalier@cencenelec.eu](mailto:cdalier@cencenelec.eu)

Deborah WAUTIER  
[dwautier@cencenelec.eu](mailto:dwautier@cencenelec.eu)