European Standardization Organizations

Welcome to this 10-10 webinar!

CEN approach on addressing environmental issues in standardization.

in cooperation with **DIN**

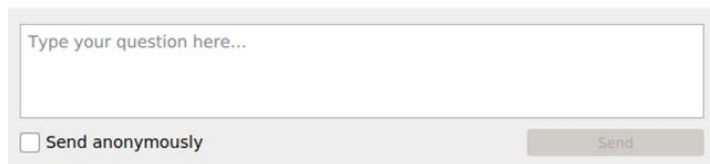We start at 10:00 CEST

Your webinar moderator

Els Somers

Project Manager

Engagement

esomers@cencenelec.eu

Get the most out of the webinar today

▶ Use the Q&A panel to submit your questions

▶ Talk about us on Twitter @Standards4EU #1010webinar

Your speakers today

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Standardization & Environment

▶ **Why?**
▶ **How?**

Standardization & Environment

WHY?

Standardization & Environment

Standards - may have an impact on the environment

Options

✓ positive impact (help detect/prevent pollution, e.g. methods for air quality characterization)

✓ no impact

✓ may have a negative impact (e.g. no measures to prevent pollution)

Objective

✓ prevent or minimise negative impacts

✓ to set criteria, methods to be used with the purpose of protecting the environment

Standardization & Environment – Why?

✓ Some extra work to do? YES

✓ Are there any benefits? YES

Are you interested in having:
    ✓ clean air and not having respiratory system diseases?
    ✓ clean lakes and rivers where to swim?
    ✓ clean drinking water?
    ✓ (clean) forests where to go in the weekends?
    ✓ not having harmful chemicals in products? etc.

1. Benefits

Environmental and health benefits
- ✓ Reduced impact from wastes and emissions
- ✓ Reduced demand for resources/resource efficiency etc.
- ✓ Healthier environment – reduced medical treatment costs

> **Cleaner and safer environment**

Economic benefits
- ✓ Savings on resources, reducing the cost of cleaning the polluted environment or treatment of waste
- ✓ No unnecessary legal costs, fines for non-compliance etc.
- ✓ Businesses are more attractive if they ensure customers/ investors that they are taking action for protecting the environment.

> **Market access & New business opportunities**

2. Policy – International context

The UN Sustainable Development Goals (SDGs):

- ✓ universal **call to action** to end poverty, protect the planet and ensure that all people enjoy peace and prosperity **by 2030**.
- ✓ the success **depends on all stakeholders** including the standardization communities.

The 17 SDGs

- ➢ are the blueprint to achieve a **better and more sustainable future** for all.
- ➢ **address the global challenges** we face, including those related to poverty, inequality, **climate change, environmental degradation**, peace and justice.

3. Policy - EU policy context

The Green Deal

- Europe's new growth strategy, where **environmental, economic and social sustainability go hand-in-hand**
- mainstreams sustainability in all EU policies to implement the UN 2030 Agenda and the SDGs

➢ Result:
  - ✓ Cleaner, healthier, sustainable, resilient **environment**
  - ✓ Sustainable, resilient, growing, **economy**

➢ Relevance for Standards
  - ✓ EU plans to set **new standards** for sustainable growth
  - ✓ The Green Deal will make consistent use **standards**
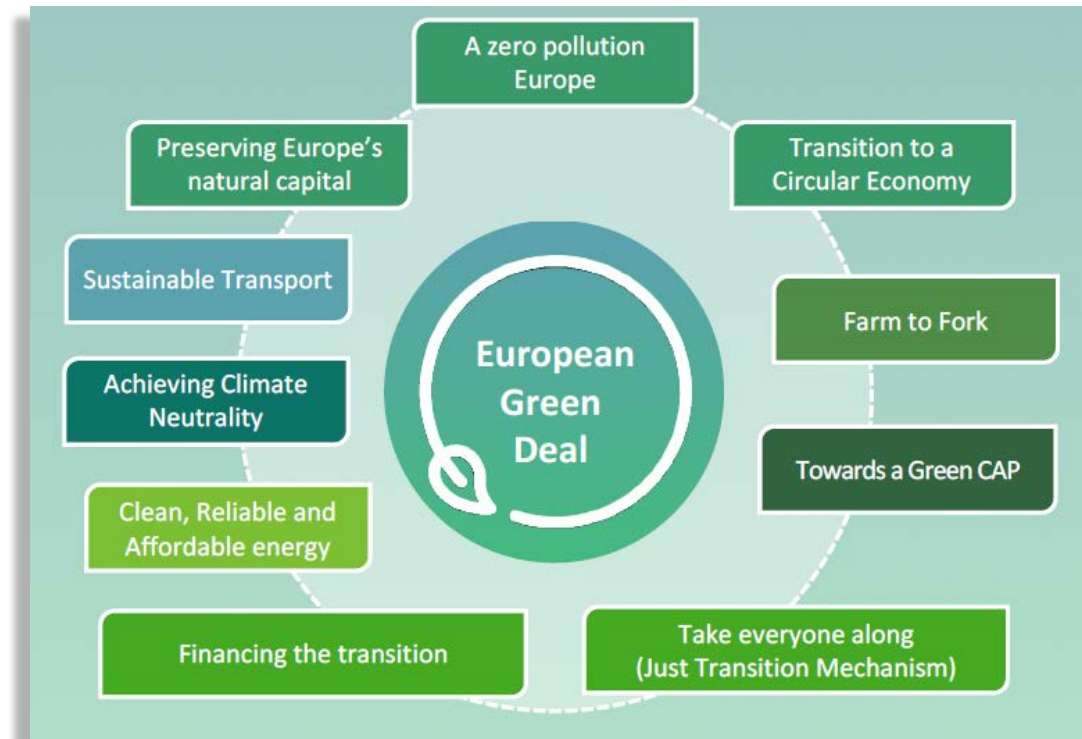
4. CEN and CENELEC priority

Declaration 2019 'Standards build trust'- *CEN and CENELEC can help you achieve your policy objectives*

A harmonised Single Market
Creating value for Europe while offering a cost-efficient and easier way to show product compliance with Union law.

A competitive European industry ready to lead in international trade
Supporting European technological change while promoting European interests in international standards.

Trust in new technology Providing European best practices to lead the digital transformation of society with citizens' interests in mind.

Enhanced innovation for Europe
Enabling research and scientific results to reach the market.

The Sustainable Development Goals of the UN 2030 Agenda
Implementing the sustainable use of resources and energy while protecting consumers, workers and the environment.

5. CEN & CENELEC Strategy 2030

▶ Vision

Building a **safer, more sustainable and competitive Europe** through **European and International Standardization**.
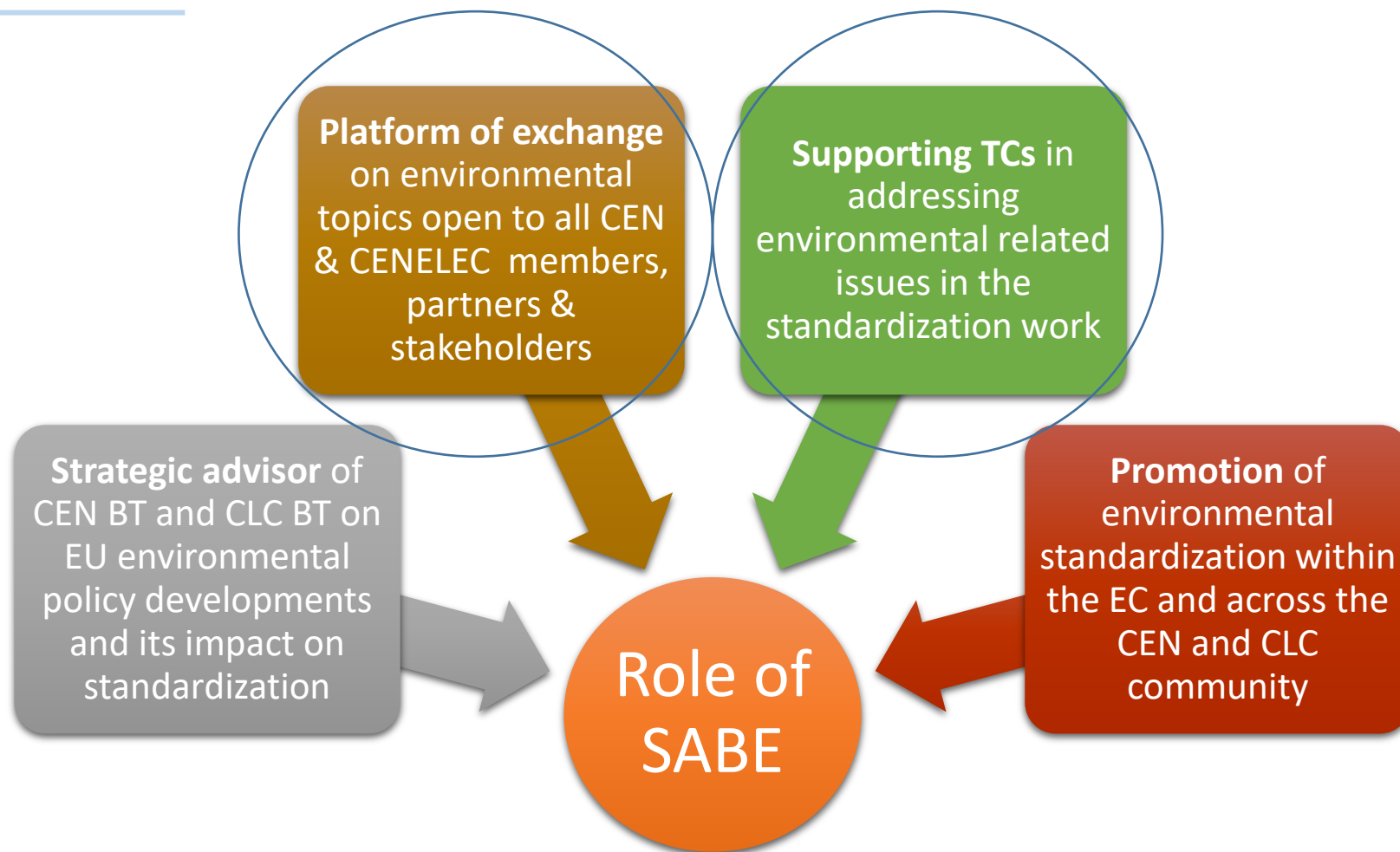
▶ Mission

We create **consensus-based standards** in order to generate **trust**, fulfil **market requirements**, enable **market access** and **innovations** for a **better, safer and more sustainable Europe**.

▶ Strategic Goals

1. EU and EFTA recognize and use the strategic value of the European standardization system: **Combatting climate change (1.3)**→ ESOs to help EC implement the Green Transition - Jointly guide economy and society towards a climate-neutral Europe

2. Our customers and stakeholders benefit from state-of-the-art digital solutions

3. Increase the use and awareness of CEN and CENELEC deliverables

4. The CEN and CENELEC system to be the preferred choice for standardization in Europe

5. Strengthen our leadership and ambition at the international level: Standardization recognized as **critical catalyst for sustainable development (5.2)** → ESOs will coordinate and bolster the European voice at international level

Approved in November 2020 by AGs: https://www.cencenelec.eu/news/publications/Publications/CEN-CLC_Strategy2030.pdf

Platform of exchange on environmental topics open to all CEN & CENELEC members, partners & stakeholders

Supporting TCs in addressing environmental related issues in the standardization work

Strategic advisor of CEN BT and CLC BT on EU environmental policy developments and its impact on standardization

Promotion of environmental standardization within the EC and across the CEN and CLC community
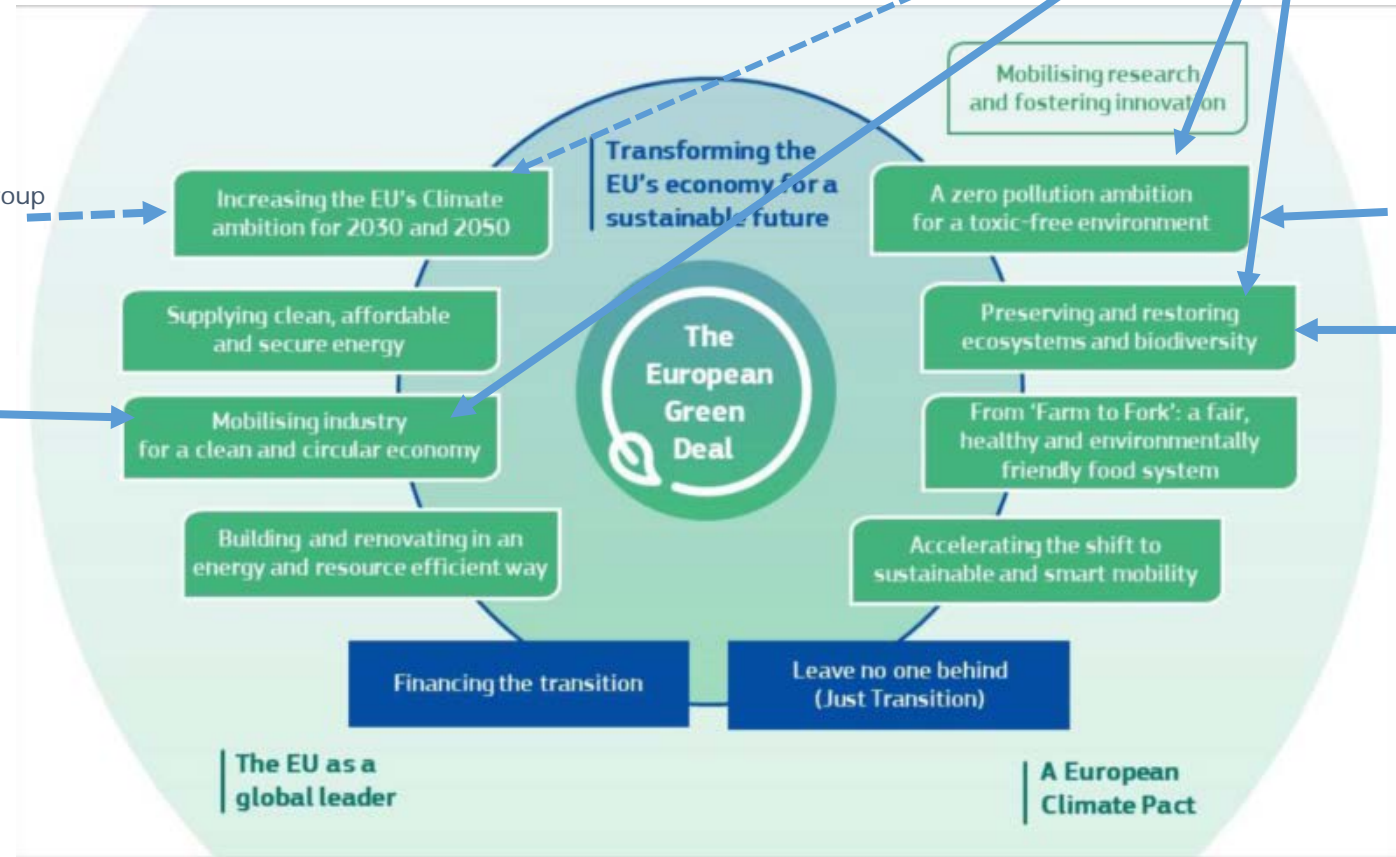
Role of SABE

Action plan 2021-2023

In focus:
- ➢ circular economy
- ➢ climate change
- ➢ toxic free environment
- ➢ biodiversity

- Climate Change Adaptation Coordination Group
- CEN TC Climate Change

SABE - Circular Economy Topic Group

SABE - Toxic Free Environment

SABE - Biodiversity

Increasing the EU's Climate ambition for 2030 and 2050

Transforming the EU's economy for a sustainable future

Mobilising research and fostering innovation

A zero pollution ambition for a toxic-free environment

Supplying clean, affordable and secure energy

The European Green Deal

Preserving and restoring ecosystems and biodiversity

Mobilising industry for a clean and circular economy

From 'Farm to Fork': a fair, healthy and environmentally friendly food system

Building and renovating in an energy and resource efficient way

Accelerating the shift to sustainable and smart mobility

Financing the transition

Leave no one behind (Just Transition)

The EU as a global leader

A European Climate Pact

- ➢ **identify new needs and gaps** in standardization, in particular related to priority topics
- ➢ European coordination of actions needed related to **international standardization** on environment not covered by a CEN TC

The Environmental Helpdesk

CEN Environmental Helpdesk (EHD)
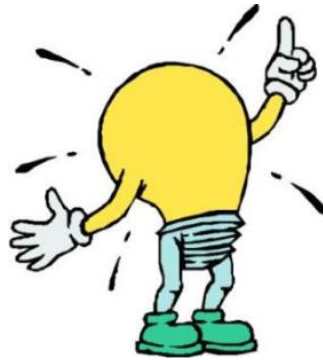
A service to promote and support the integration of environmental aspects in European standards
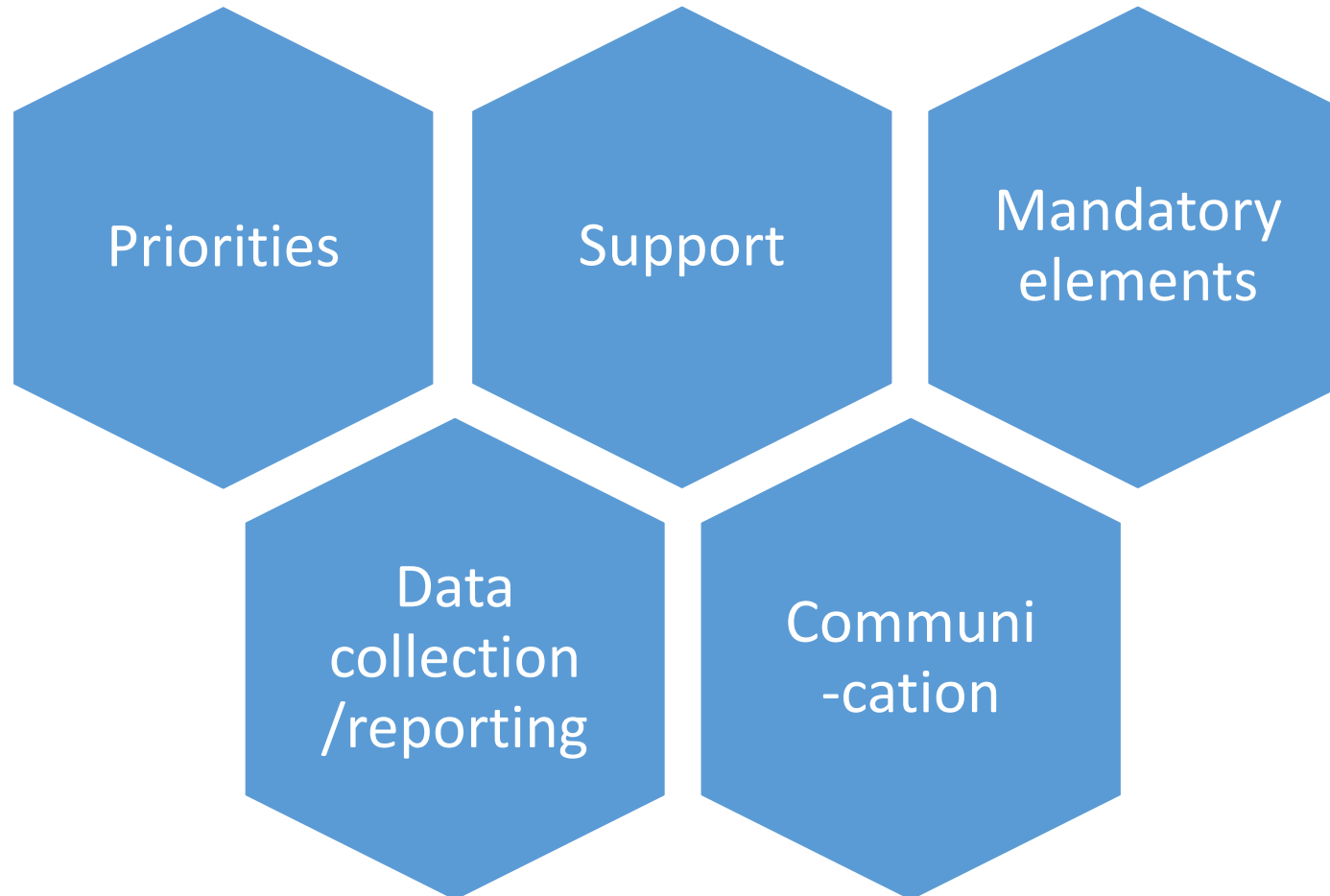
✓ available for all CEN Technical Committees

How?

CEN environmental approach

Background

▶ The **_CEN approach on addressing environmental issues in product and service standards_** was elaborated by SABE and approved by CEN/BT in 2010 (BT 4/2010). In March 2021 CEN/BT approved a revised version.

▶ The revision of the CEN environmental approach was rather an **update of the original version with adjustments**, e.g.:

  ▶ adjustment of document title ("**_CEN approach on addressing environmental issues in standardization_** ~~_product and service standards_~~");

  ▶ revision of procedures on data collection and reporting;

  ▶ stronger emphasis on communication.

▶ The intention is to carry out a more **comprehensive revision taking into account CEN and CENELEC processes and needs** with the aim of elaborating a **CEN/CLC environmental approach**.

CEN environmental approach

▶ **Objectives**

▶ The **key objective** of the "CEN environmental approach" is

   ▶ to put in place a **general framework to promote and ensure a better inclusion of environmental aspects** in European Standards.

▶ By **systematically addressing environmental issues** in standardization,

   ▶ the **negative environmental impacts** of e.g. products and services can be **reduced**; and

   ▶ potentials for **supporting environmental protection** with standardization can be identified.

▶ The CEN environmental approach intends to

   ▶ **address** particularly those **Technical Bodies and Sectors with significant environmental impacts** while

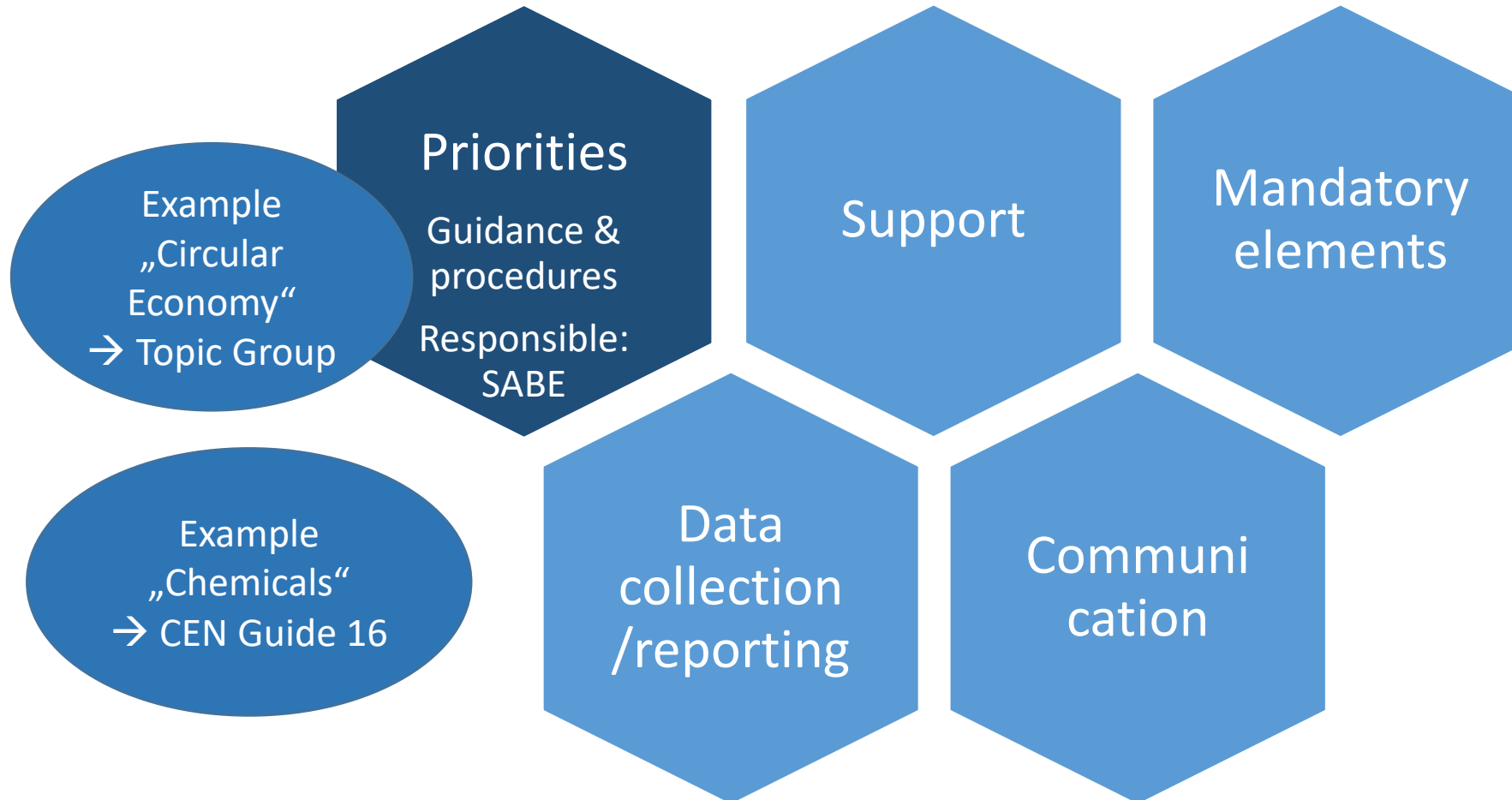   ▶ **raising awareness** on environmental issues in **all CEN Technical Bodies**.

CEN environmental approach

Elements for addressing environmental issues in standards

Priorities

Support

Mandatory elements

Data collection /reporting

Communi -cation

CEN environmental approach

Elements for addressing environmental issues in standards

Example „Circular Economy" → Topic Group

Priorities

Guidance & procedures

Responsible: SABE

Support

Mandatory elements

Example „Chemicals" → CEN Guide 16

Data collection /reporting

Communi cation

CEN environmental approach

Elements for addressing environmental issues in standards

Priorities

Support

Mandatory elements

Data collection /reporting

Input/Reports

Responsible: TCs *(upon request by EHD)*

Communi cation

CEN environmental approach

Elements for addressing environmental issues in standards

Priorities

Support

generic or tailored

Responsible:
SABE + EHD

Mandatory elements

Example
„tailored support"
→ CEN Guide 16

Data collection /reporting

Communi cation

CEN environmental approach

Elements for addressing environmental issues in standards

Priorities

Support

Mandatory elements

Data collection /reporting

Communi-cation

Newsletters, webinars etc.

Responsible: SABE+ CCMC

Webinars, newsletters, brochures, websites etc.

CEN environmental approach

Elements for addressing environmental issues in standards

CEN environmental approach

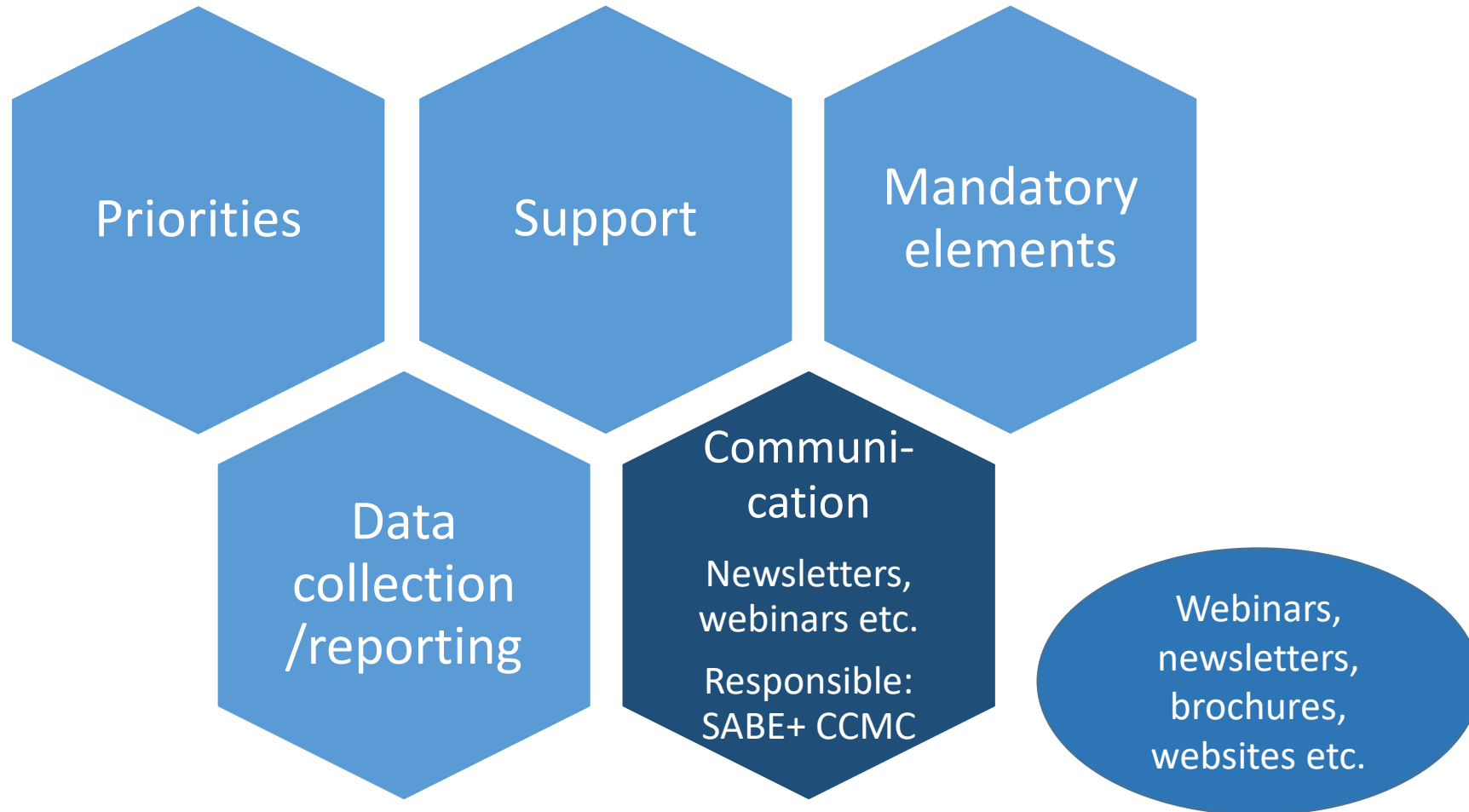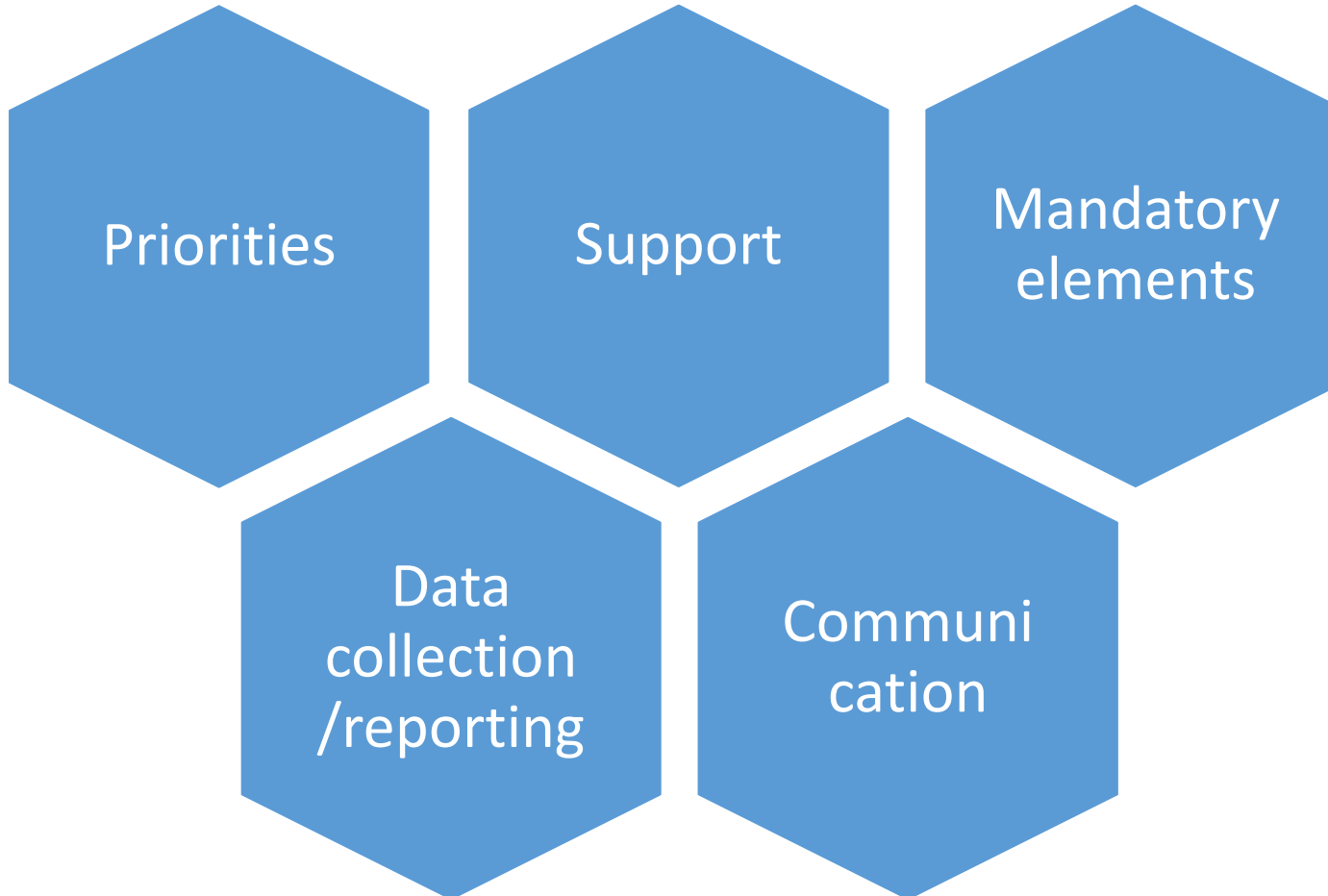## "Mandatory elements"

▶ Addressing environmental issues in **CEN/TC Business Plans**

   ▶ **Key environmental issues of TCs topics and how they will be addressed in its work**

▶ Questions on environmental issues in **new work item proposal forms**/formatted decisions

   ▶ **Key environmental issues of specific WI and how they will be addressed**

▶ Environmental actions as standing item on **CEN/TC meeting agendas**

▶ Review of **title and scope of CEN/TCs** to not exclude environmental issues
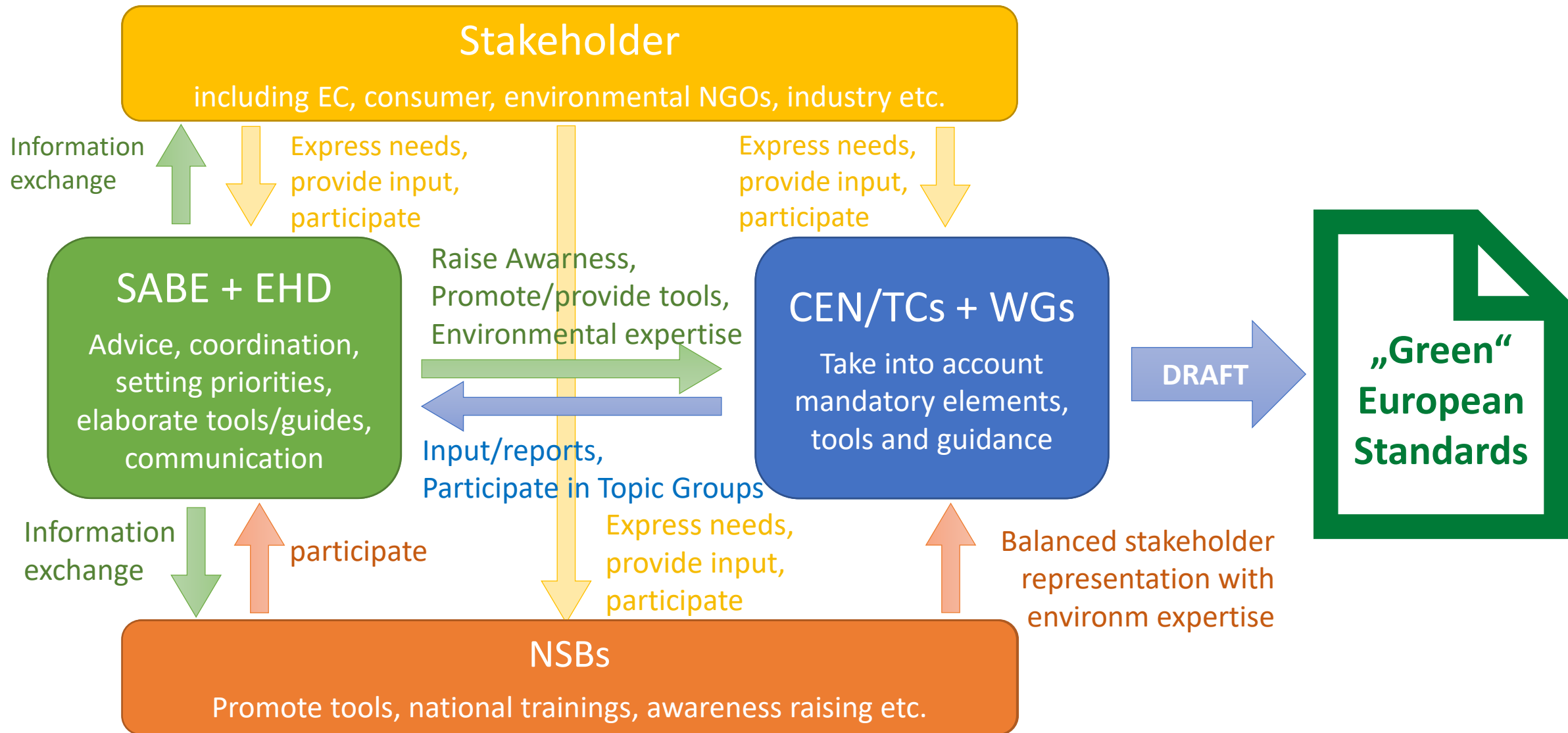
The intention of these "obligations" is to **motivate** CEN committees to **mainstream and systematically address environmental issues** and to **maintain awareness** for the subject.

CEN environmental approach

Elements for addressing environmental issues in standards

CEN environmental approach

Stakeholder

including EC, consumer, environmental NGOs, industry etc.

Information exchange

Express needs, provide input, participate

Express needs, provide input, participate

SABE + EHD

Advice, coordination, setting priorities, elaborate tools/guides, communication

Raise Awarness, Promote/provide tools, Environmental expertise

CEN/TCs + WGs

Take into account mandatory elements, tools and guidance

DRAFT

"Green" European Standards

Input/reports, Participate in Topic Groups

Information exchange

participate

Express needs, provide input, participate

Balanced stakeholder representation with environm expertise

NSBs

Promote tools, national trainings, awareness raising etc.

Guides & Tools

Useful websites

▶ CEN BOSS website on CEN environmental approach

▶ Environmental Framework from the CEN Environmental Helpdesk

Guides

▶ CEN Guide 4 for addressing environmental issues in **product standards** + checklist

▶ CEN Guide 16 for for addressing **chemicals** in standards for **consumer-relevant products**; see also webinar

▶ CEN-CLC Guide 32 for addressing **climate change adaptation** in standards

▶ CEN-CLC Guide 33 for addressing environmental issues in **testing standards** + checklist

▶ Checklist for addressing environmental issues in **service standards** *(part of CEN Guide 15)*

▶ IEC GUIDE 109 on inclusion of environmental aspects in **electrotechnical product standards**

Key take-aways

▶ Standards can support environmental protection and related policies and legislation – this also applies to standards not directly related to environmental topics

▶ Addressing sustainability, environment and climate change is a strategic priority for CEN and CENELEC

▶ The CEN environmental approach provides a framework and tools to systematically address environmental issues in standardization – **Please use it systematically!**

▶ Making the CEN environmental approach work is a joint task of all actors:

  ▶ environmental strategic committees (advice, guidance/tools, awareness raising);

  ▶ stakeholders (participate, provide input, express needs);

  ▶ NSBs (awareness raising, promote guidance/tools, stakeholder involvement);

  ▶ CEN/TCs (address environmental issues in their work);

▶ The CEN environmental approach is going to be revised with the aim of elaborating a joint CEN/CENELEC environmental approach – **contributions are welcome!**

Question time

▶ Use the Q&A panel to submit your questions

European Standardization Organizations

Thank you for your participation!

Next webinars:
2021-06-14 - [*Info session: Online Collaborative Authoring*](#)
2021-06-29 - [*Info session: Online Collaborative Authoring*](#)