



Standardization in support of the EU Strategy on Adaptation to Climate Change

Caroline van Hoek
NEN - Secretary ACC-CG

Standardization



Standardization, totally standard

<https://www.youtube.com/watch?v=7OAGER9A828&feature=youtu.be>



EU strategy on Adaptation to Climate Change



- **Rationale:** the EU is already facing unavoidable impacts of climate change; will affect the full EU territory, with regional differences
- **Overall aim:** to contribute to a more climate-resilient Europe by enhancing the preparedness and capacity to respond to the impacts of climate change at local, regional, national and EU levels, developing a coherent approach and improving coordination

Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 3

Impacts

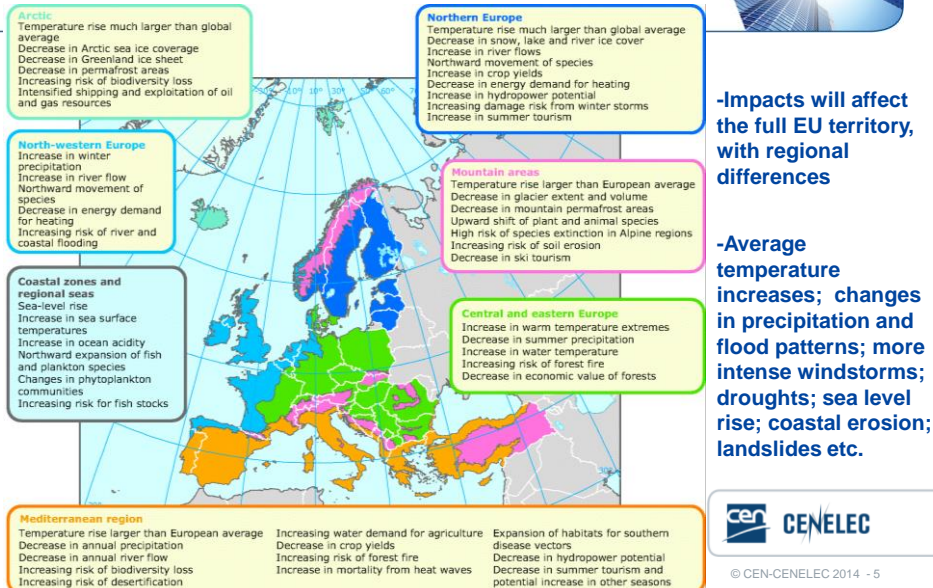


Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 4

Vulnerable Europe



EU strategy on Adaptation to Climate Change

- Priority 1: Promoting action by Member States
- Priority 2: Better informed decision making
- Priority 3: Adaptation in key vulnerable sectors
 →action: ensuring a more resilient infrastructure

Standardization request - Mandate



Main objective: to contribute to building and maintaining a more climate resilient infrastructure throughout the EU in three priority sectors:

- Transport infrastructure
- Energy infrastructure
- Buildings/construction



Also consider ICT infrastructures

Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 7

Standardization request - Mandate



Phase 1 mandate: Programming phase

- Identify standards that are most relevant for climate change adaptation
- Develop prioritization criteria
- Establish a list of priority standards (max 20 per sector)

→ ACC-Coordination Group

Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 8

Questionnaire - Workshops

- **Objective:** to get an overview of the relevant standardization needs and standardization initiatives
- Questionnaire
- Workshops



Adapting buildings to climate change

The role of standardization

15 December 2015 at NEM, Delft, The Netherlands

Adaptation Futures 12 May 2016

Raising awareness

Website:

<http://www.cencenelec.eu/standards/Sectors/ClimateChange/Pages/default.aspx>

- increase awareness on adaptation to climate change
- avoid confusion adaptation and mitigation



© CEN-CENELEC 2014 - 10

Adaptation Futures 12 May 2016

Screening standards & Interviews

- Step 1: screening of standards by experts
- Step 2: interviews with 5 key stakeholders per sector

Result: longlist of standards per sector



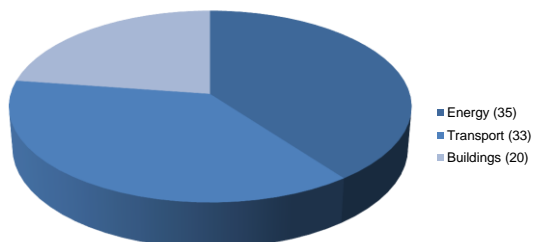
Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 11

Longlists of standards

- Longlist for Energy, Transport and Buildings
- Existing standards
- Proposals for new work



Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 12

Next steps

- Prioritization of long lists

Deliverable: short list of priority standards for all 3 sectors



- Phase 2 mandate: Standardization

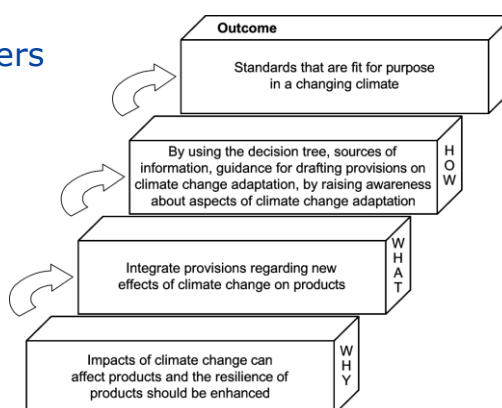
Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 13

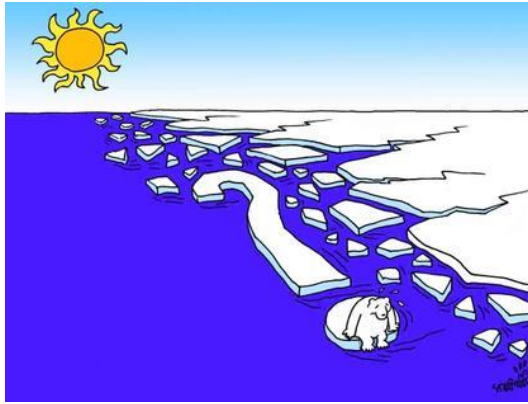
CEN-CENELEC Guide 32

- Guide for addressing climate change adaptation in standards (April 2016)
- Tool for standard writers



Adaptation Futures 12 May 2016

Thanks for your attention



Adaptation Futures 12 May 2016



© CEN-CENELEC 2014 - 15