



How European Standards consider material efficiency?

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CEN President



EUROPEAN COMMITTEE
FOR STANDARDIZATION



EUROPEAN COMMITTEE
FOR ELECTROTECHNICAL STANDARDIZATION

**of the 3 European Standardization
Organisations recognised under EU Law**



CEN-CENELEC Members



<p>Austria</p>	<p>Estonia</p>	<p>Hungary</p>	<p>Malta</p>	<p>Slovakia</p>
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<p>Bulgaria</p>	<p>France</p>	<p>Ireland</p>	<p>Norway</p>	<p>Spain</p>
<p>Croatia</p>	<p>FYROM</p>	<p>Italy</p>	<p>Poland</p>	<p>Sweden</p>
<p>Cyprus</p>	<p>Germany</p>	<p>Latvia</p>	<p>Portugal</p>	<p>Switzerland</p>
<p>Czech Republic</p>	<p>Greece</p>	<p>Lithuania</p>	<p>Romania</p>	<p>United Kingdom</p>
<p>Denmark</p>	<p>Luxembourg</p>	<p>Slovenia</p>	<p>Serbia</p>	<p>Turkey</p>



No standard conflicting with an EN in 34 countries

European Standard
(EN)

1x



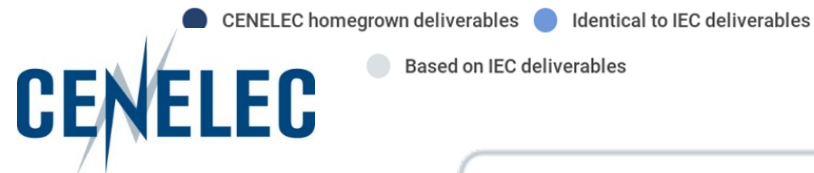
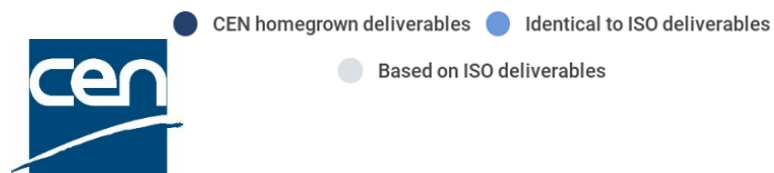
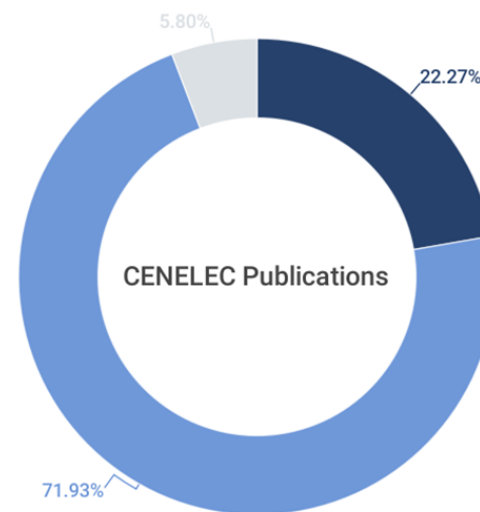
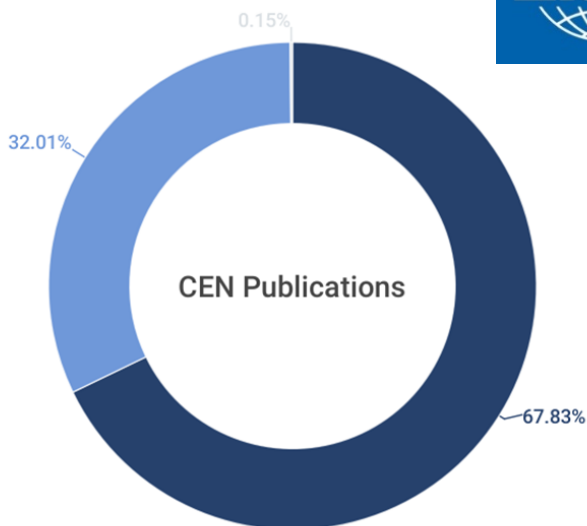
= 34x

National standards
(XX EN)



Standards supporting free circulation of goods
in the EU and beyond (600 million consumers)

European Standards & Trade



Source: CEN-CENELEC Statistics at end Q4 2016



CEN and CENELEC Standards Development



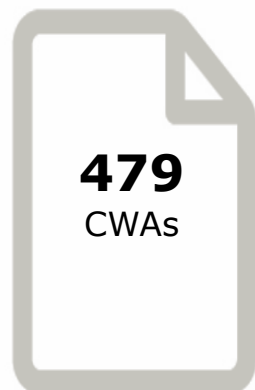
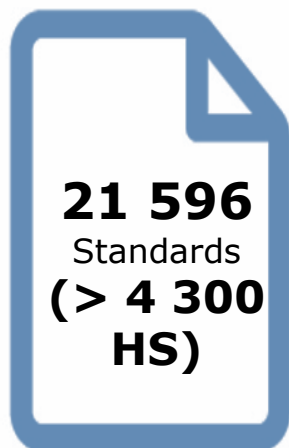
200 000
Experts



486
Technical
Committees

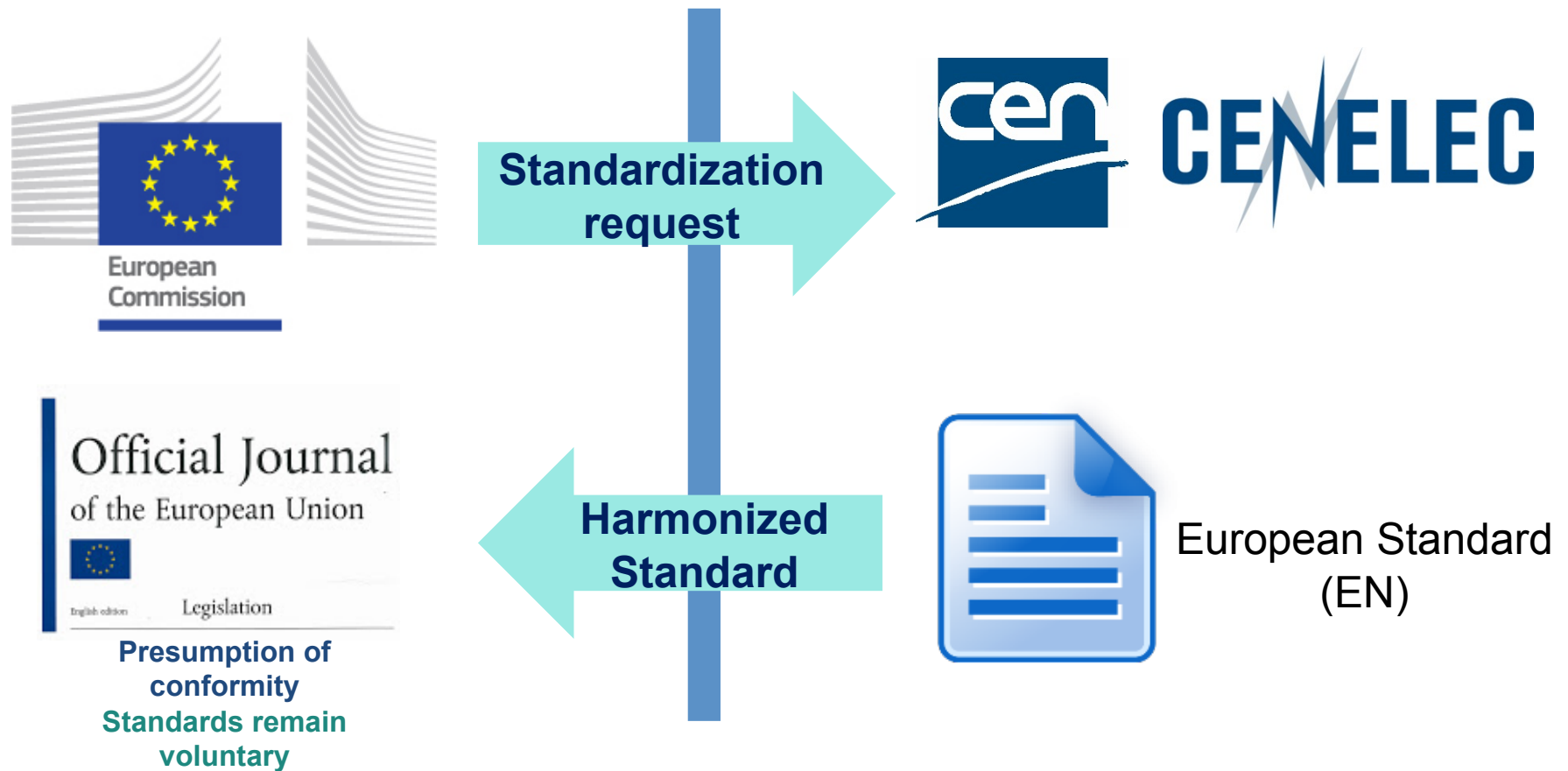


1 809
Working
Groups



The EU Smart Regulation success story

The “New Approach” & NLF



~4.200 harmonized standards supporting EU legislation

Material efficiency aspects in standardization



- Reusability / recyclability / recoverability indexes or criteria, preferably taking into account the likely evolution of recycling methods and technics over time
- Method to assess the proportion of re-used components and/or recycled materials in products
- Use and recyclability of critical raw materials to the UE, listed by the European commission



- CEN/TC 249 '**Plastics**' has developed several standardisation deliverables on the characterisation of plastics recyclates
 - (e.g. CEN/TS 16010:2013 Plastics - Recycled plastics - Sampling procedures for testing plastics waste and recyclates)



Packaging - The EN 13427:2004: - Requirements for the use of European Standards in the field of packaging and packaging waste

- *CEN Report 13695-1 for measuring and verifying the four heavy metals and other dangerous substances*
- Cadmium DIN 38406-24 (replaced by DIN EN ISO 5961 'Water quality - Determination of cadmium by atomic absorption spectrometry')



How standards help tackling challenges?



National level

- **With national standardization organisations**

European level open to international companies

- **CWA : Workshop Agreements**

European level

- **Industry forum (NEW)**





Thank you
for your attention

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