



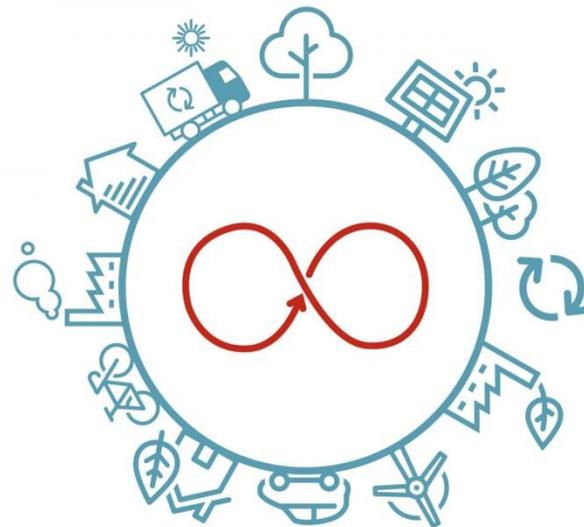
An Introduction to Standards

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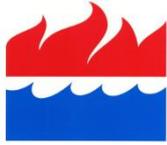
About me



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From books to BSI



LexisNexis®



Office of the
Public Guardian

Gartner®

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The Open
University

Business School



The Sunbury and Shepperton
Arts Association



2000

2010

2015

Today

bsi.

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About standards

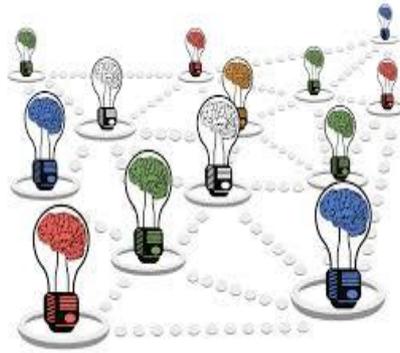


From tram tracks to the Internet of Things...



...and everything in between

Standards are made by people, for people, everywhere



They are consensus knowledge of what good looks like:

“Document, established by **consensus** and approved by a **recognised body** that provides for common and repeated use, rules, guidelines or characteristics for activities or their results, aimed at the achievement of the optimum degree of order in a given context”. ISO/IEC Guide 2:2004, 3.2



Standards bring benefits for organizations, the economy and society



Improve productivity



Increase efficiency



Reduce costs



Fine tune performance



Accelerate innovation



Agree good practice



Build trust with consumers



Enable international trade



Embed sustainability



Create a common technical understanding



Ensure interoperability



Manage risk and compliance



Standards benefits, CEBR research



of annual UK GDP growth can be attributed to standards, equivalent to **£8.2 billion**



37.4% of UK productivity growth can be attributed to standards



of additional UK exports per year can be attributed to standards



SMEs are **41%** more likely to export if they use standards and larger companies are **36%** more likely to export



73% of companies say that standards allow greater control of environmental problems



84% of companies say that using standards enhances their reputation



89% of companies say that standards contribute to the optimization of compliance with regulations such as health and safety legislation



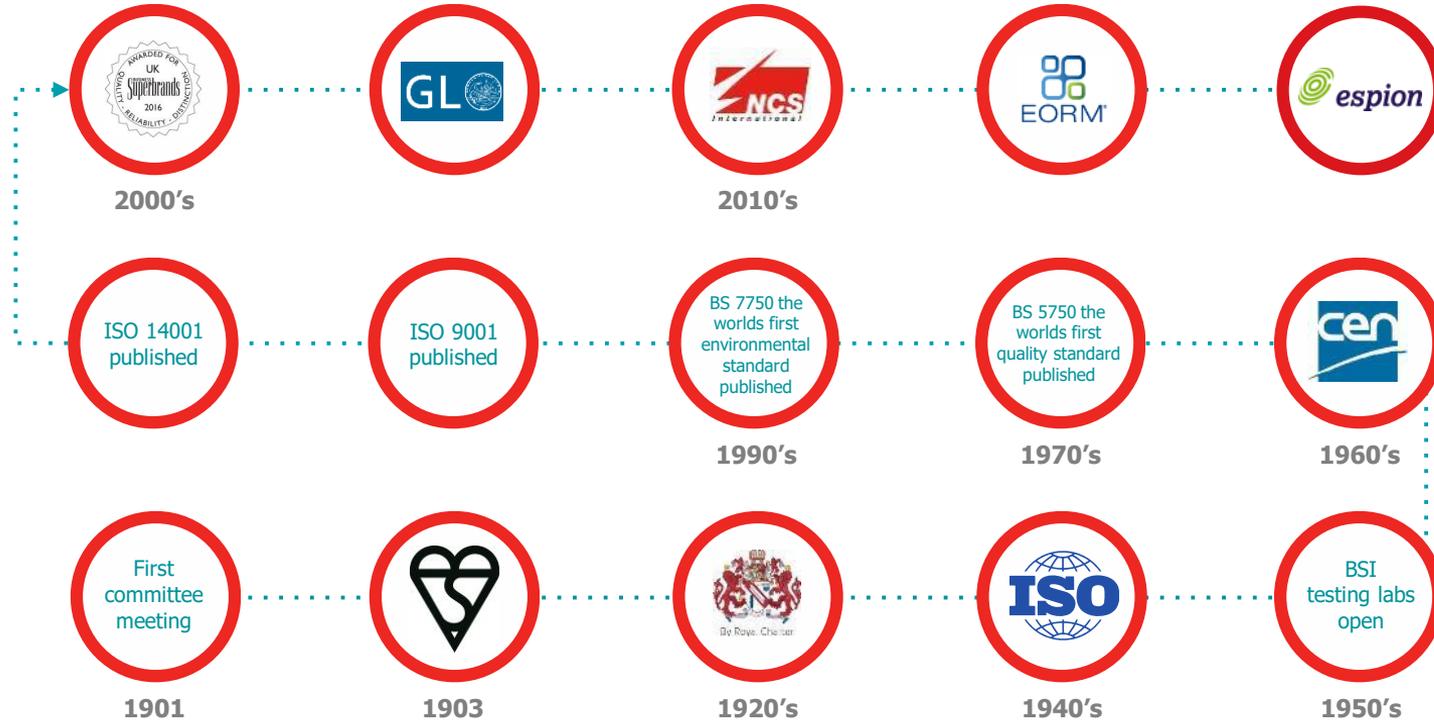
About BSI



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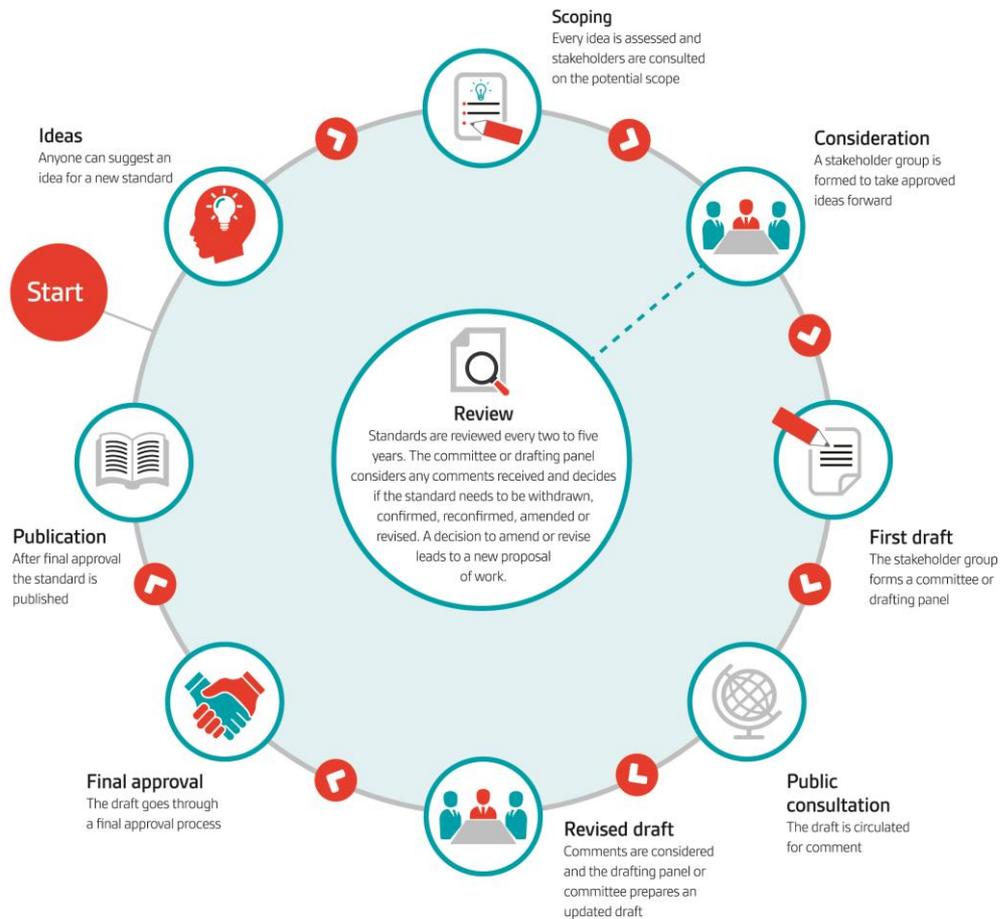
Our heritage



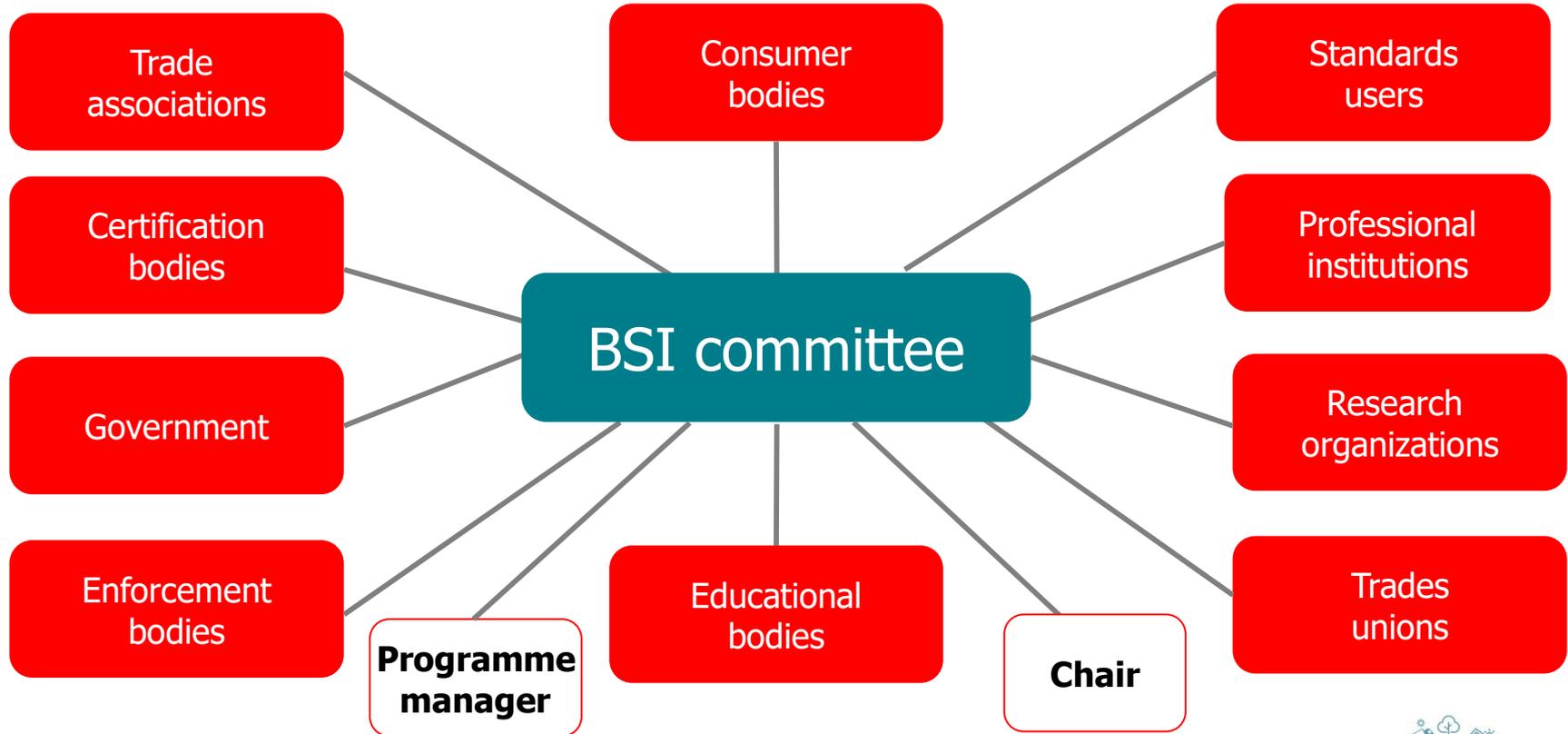
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Standards-making

How standards are made



Committee representation

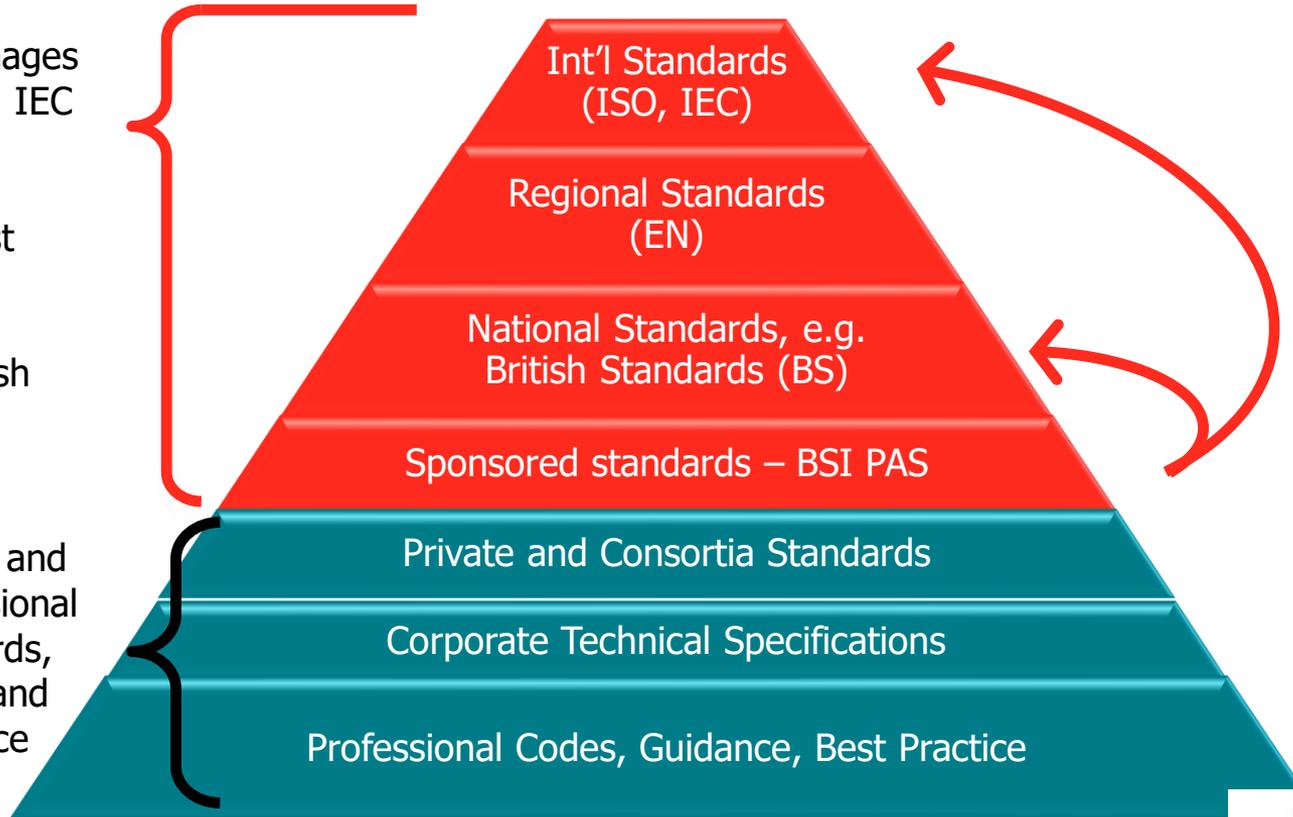


National, European and international standards

BSI as NSB manages BS, EN, ISO and IEC standards.

All ENs and most international standards are adopted as British Standards.

Private and professional standards, codes and guidance



PAS route to national and international standards

BS EN 12767: Passive safety of support structures for road equipment

- Requirements and test methods

- Specifies performance requirements and defines levels in passive safety terms intended to reduce severity of injury to the occupants of vehicles impacting with the permanent road equipment support structures
- Provides a common basis for testing of vehicle impacts with items of road equipment support.

**World-wide,
National and
European
standards for
structural
design and
development**

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Brexit and standards

Brexit and standards

- We have developed a clear position, with overwhelming stakeholder support:

Post-Brexit, BSI will continue to provide UK experts with the standards development framework to support trade in the UK, across Europe and globally

- There will be no change in UK involvement in international standards from ISO & IEC or UK involvement in ETSI



BSI's objective is to continue as a full member of CEN and CENELEC

- Continued full membership will ensure UK stakeholders will still influence the content of standards and bring benefit to counterparts across Europe
- European standards will reflect the needs of the integrated markets across Europe
- They will be complementary to international standards
- UK government policy supports the maintenance of the current regulatory model and continued participation in European standards system

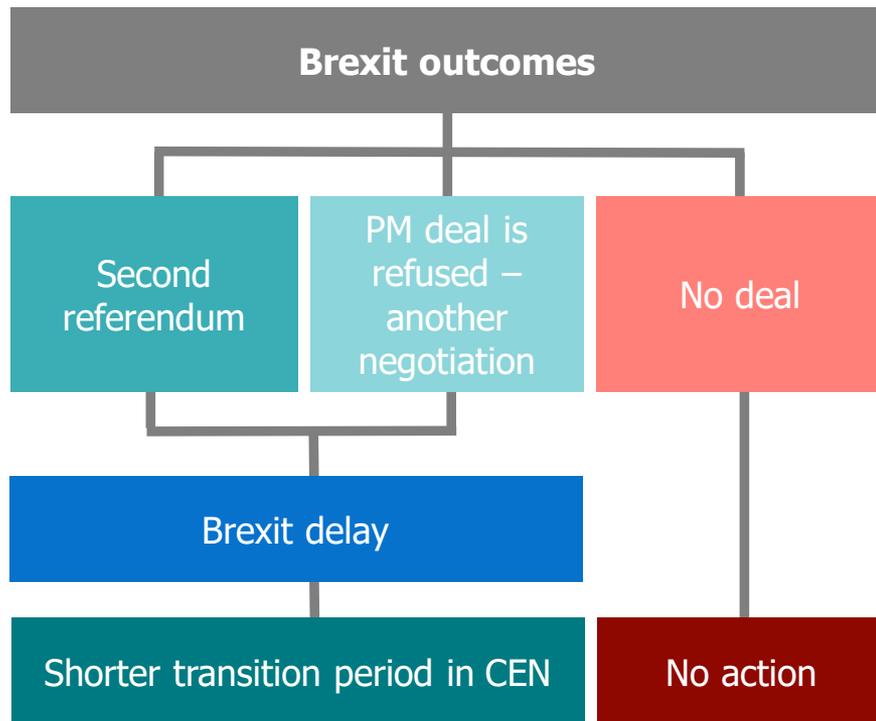


CEN and CENELEC members have agreed a plan to deal with Brexit

- Decisions of the CEN General Assembly, November 2018:
 - Acknowledge that Brexit is a challenge for CEN
 - Create a transition period for the statutes until December 2020 (during which BSI has a derogation)
 - A CEN member working group will identify the issues with the statutes and make proposals for their amendment for delivery end of 2020: a permanent solution "determining the changes required for BSI to continue as a member after the transition period"

NOTE: This is irrespective of the UK-EU relationship, deal or no deal

Brexit: politics and standards



- Standards outcomes:
 - 'Transition period' for statutes starts from date of Brexit
 - Delay in date of exit would mean shorter transition
 - CEN work will start 12 April 2019
 - No deal and no action: transition period from 29 March 2019



No deal exit on 29 March (1)



ONLY IN THE EVENT OF A NO DEAL EXIT – UK GOVT POLICY IS TO SECURE A DEAL

- New UK 'no deal' statutory instruments will apply: EU's 'New Legislative Framework' is brought fully into UK law
- Relationship between standards and regulations unchanged: standards provide 'presumption of conformity'
- These standards will be called 'designated standards' not 'harmonised standards', but still titled 'BS EN'
- UK Government will publish the listings of standards rather than using the listing in the OJEU

No deal exit on 29 March (2)



ONLY IN THE EVENT OF A NO DEAL EXIT – UK GOVT POLICY IS TO SECURE A DEAL

- UKCA marking will be required instead of CE marking
- This will apply to products to be placed on the UK market and will denote compliance for authorities (not a consumer mark)

BUT

- CE marking will also be recognized for an undefined temporary period

Summary

- BSI as National Standards Body for the UK has a duty to deliver the standards framework that our stakeholders need; our stakeholders are fully committed to the European standardization system, the single national standard model
- CEN has started on a course that gives certainty for now and leads to continued full membership post-2020
- In the event of no deal:
 - *The standards and regulations relationship is secure*
 - *There will be a new UKCA mark*
 - *CE marking will still be valid for some time*

Standards are made by people for people, everywhere



Agreements reached by consensus of what good looks like
Culmination of best practice and collective wisdom
Voluntary enablers of enterprise and innovation
Facilitating trade and improving business performance

Connect with us and get involved



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