



...making excellence a habit.™

The importance of standards in the steels sector.

How standards can support innovation.



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BRANDS BY EXPERTS & PROFESSIONALS

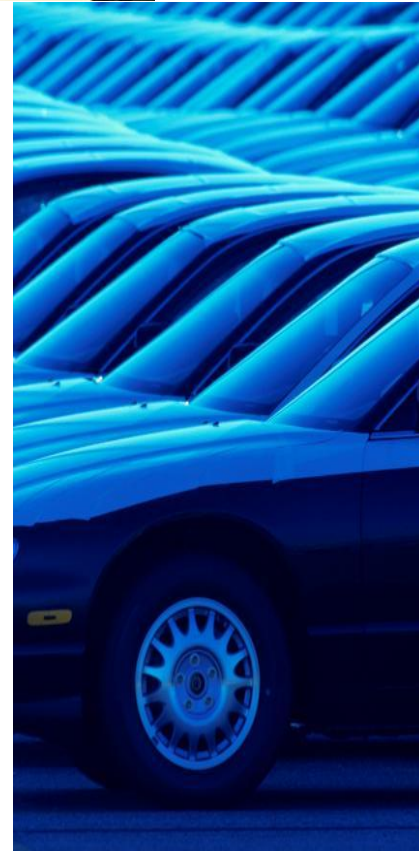
BSI Group

- BSI Group was founded in 1901 and has 2,730 staff. Group revenue in 2011 was £244.9m.
- The Company has 58 offices worldwide, serving clients at over 70,000 sites in 147 countries.
- In the UK the Standards business is centred in Chiswick, London, from where BSI publishes c.2,000 standards each year.
- First registered in 1903, BSI's Kitemark® is the UK's oldest and best known product quality mark.

The steel industry – built on standards

- BS 15 Standard specification for structural steel for bridges and general building construction. First published in 1906. Revised in 1912, 1930, 1936, 1941, 1948, 1961.
- First European standards published in 1951.
- ISO 657 Hot-rolled steel sections first published in 1968.

Steel industry – supporting a number of fast moving sectors



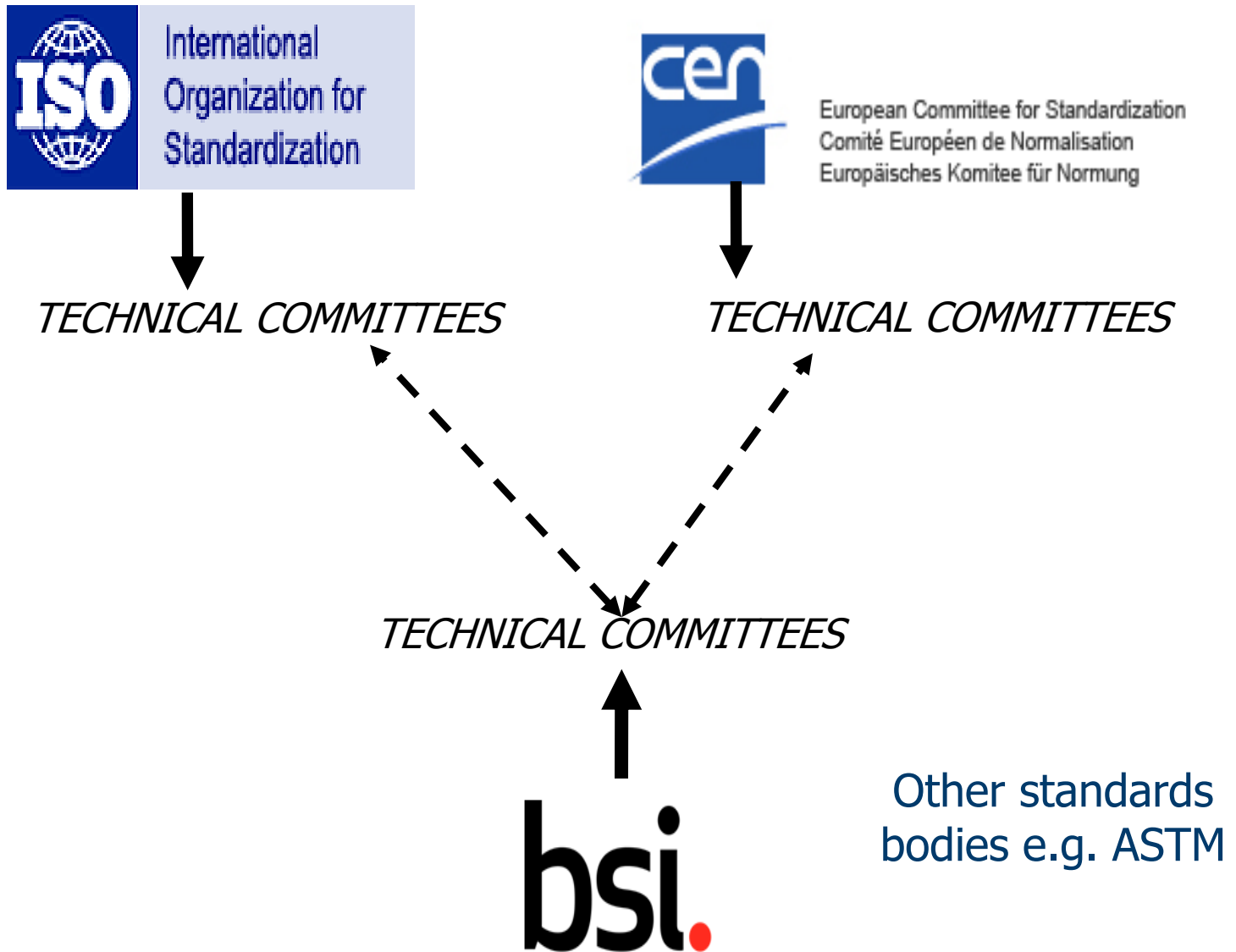
Douglas C. North



Winner of the 1993 Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel

Standards are the rules of the game!

Relationships between standards bodies



Environmental Management Systems – ISO 14001

The first mining company in the world to be certified to ISO 14001:

CBMM in 1997

Demonstrating that it is possible for a mining company to behave in an environmentally responsible way.

BSI Publicly Available Specification (PAS)

- PAS 2050 - Assessing the life cycle greenhouse gas emissions of goods and services.
- PAS 402 - Waste Resource Management.
- PAS 93 - Characterization of human cells for clinical applications.

Standards & Innovation

Good standardization practice is not a ***barrier*** to innovation.

It should be a ***facilitator*** of innovation.

BSI Strategy Service

- BSI will facilitate and project manage a strategy development process to help communities of technology developers to determine the rules of the game, building on over 100 years of experience as an independent and authoritative standards development body. This will draw on internal and external resources, with each project being tailored to meet the needs of the specific sectors, technologies, and stakeholders.
- The service consists of the following steps:
 - Situation analysis and information gathering.
 - Development of draft strategy.
 - Qualification of draft strategy.
 - Delivery of agreed strategy.

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