

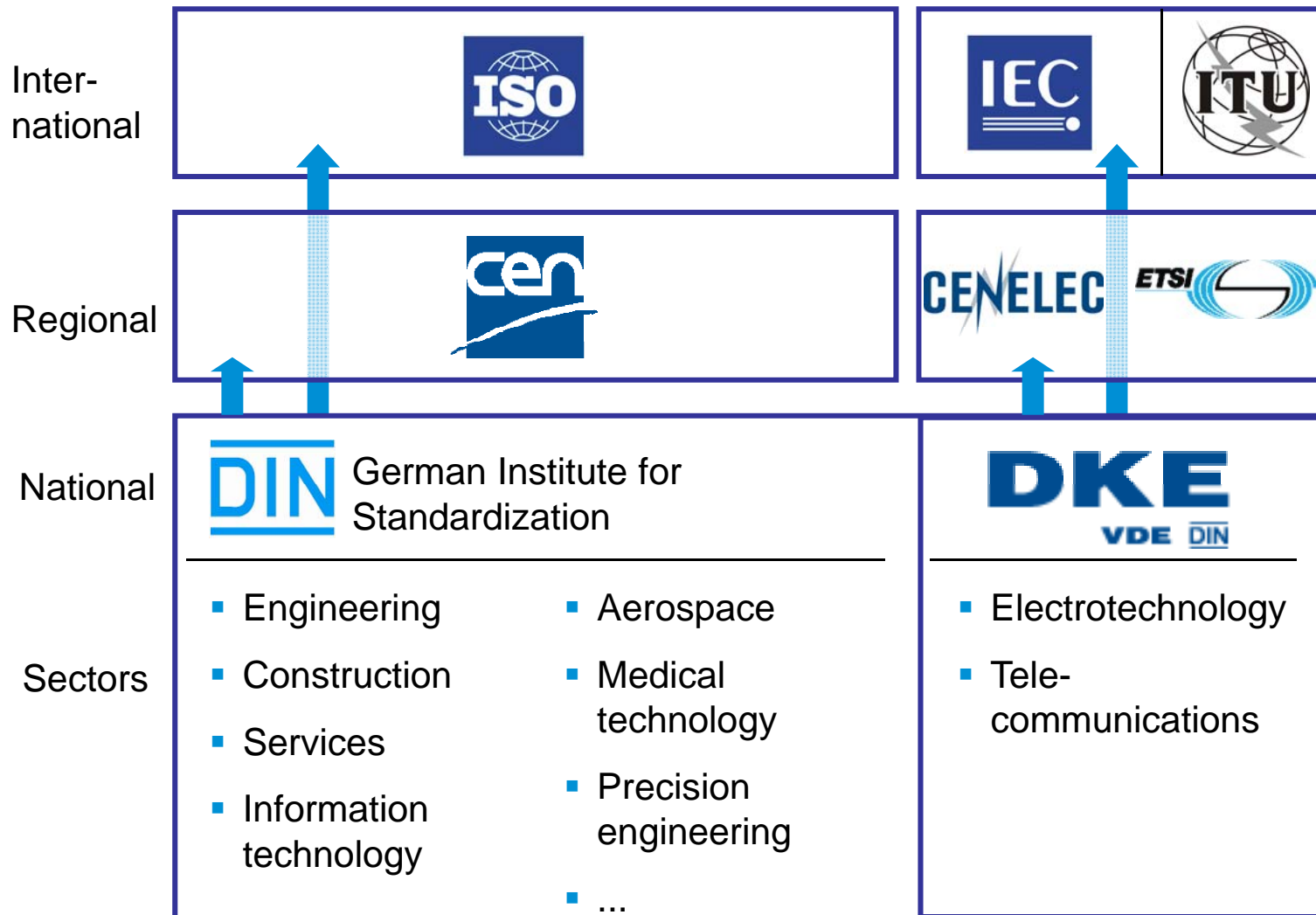


- Registered not-for-profit association
- 1800 members representing industry, the state, trade unions, academia, consumer organizations, environmental agencies, banking and insurance
- Acting as facilitator and moderator of standards work for the benefit of industry and the economy as a whole

DIN represents German interests in international standards work

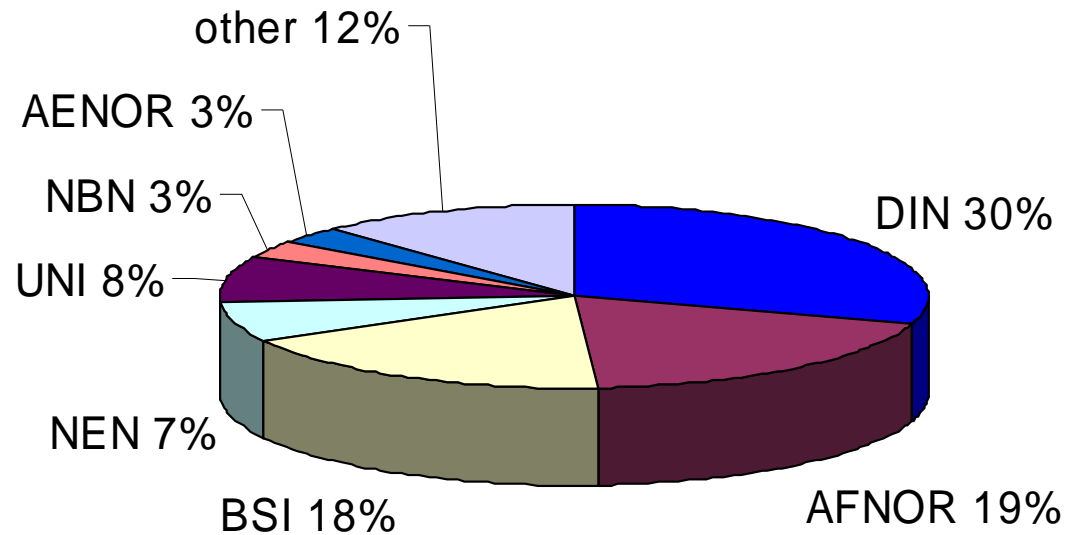


DIN Deutsches Institut für Normung e. V.



European standardization: CEN secretariats

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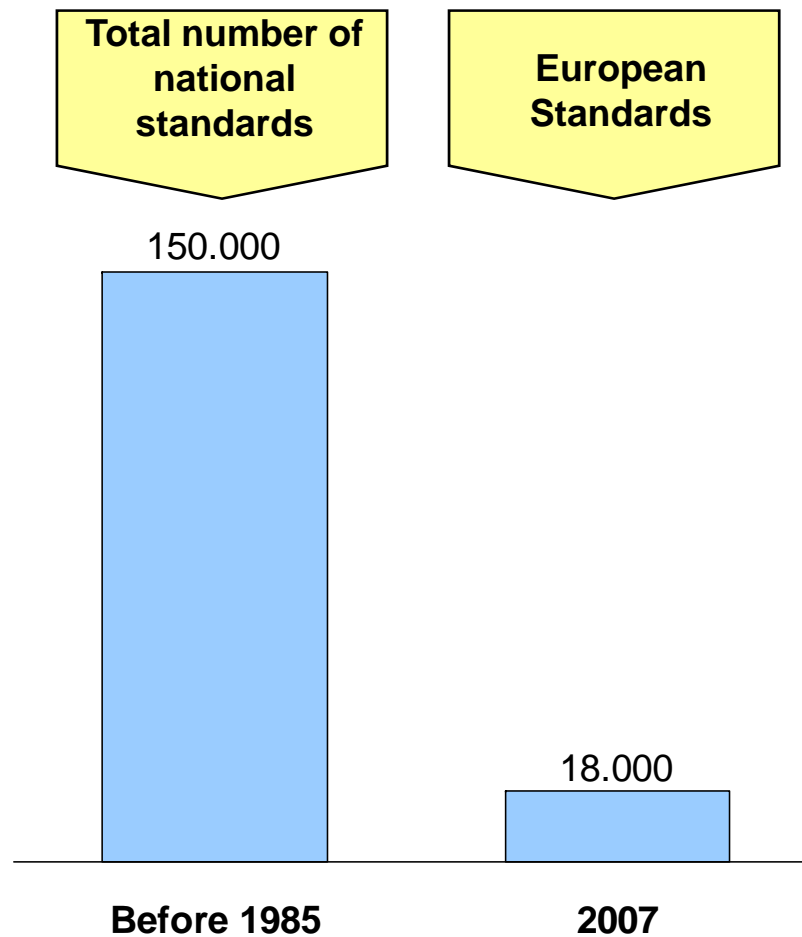


DIN = Germany	AFNOR = France
BSI = United Kingdom	UNI = Italy
AENOR = Spain	NEN = Netherlands
NBN = Belgium	

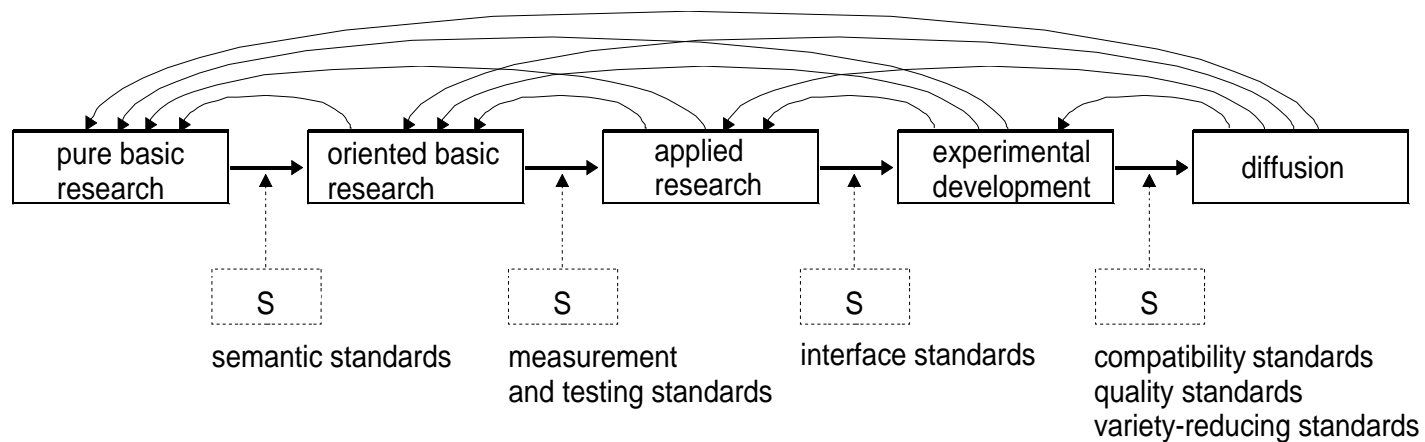
Source: DIN-Büro, 2009-03-11

Today: Standardization creates the European Single Market by lowering trade barriers

Standards in Europe



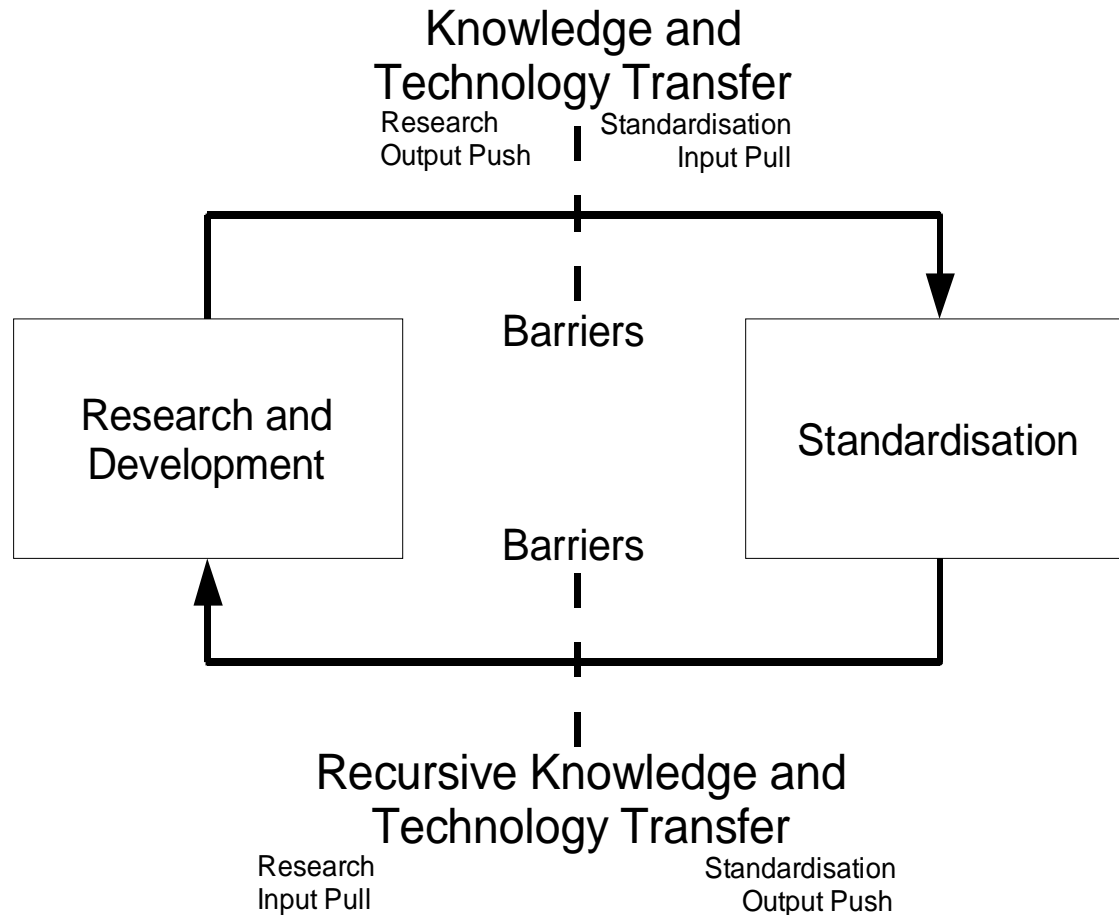
Standards in the Innovation Process



Function of Standards	Reduction of information cost	Interoperability between components	Increased quality
	Reduction of transaction cost	Savings in adaption cost	Reduced health, safety, privacy risks
			Building critical mass
			Economies of scale
			Creation of network externalities
			Interoperability between products

Source: Blind, Gauch 2009 published in Journal of Technology Transfer

General Recursive Interdependence between Research and Standardisation



Ranking of Barriers to Transfer Research Results into Formal Standards by (Non-)Engagement in standardisation

- Participation is too costly in terms of time resources
- standardisation processes take too long
- Participation is too costly in terms of financial resources
- Additional work (formatting and design of research results)
- standardisation processes not geared to integrate input from researchers
- Missing personnel and organisational links
- Less relevant: missing specialized institutions, missing awareness of standards' benefits, too little protection or too many IPRs

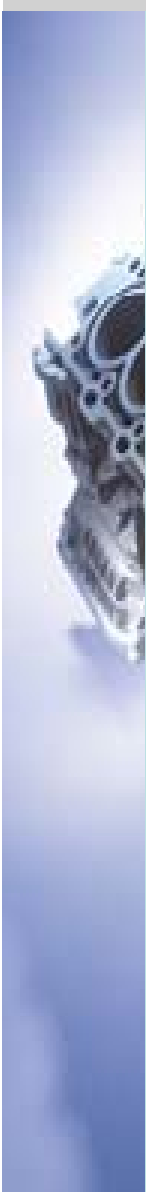
R&D Phase Standardization is early integration of standardization into research projects

Our basic principles are:

- to exploit innovative potential and
- to enhance:

- ✓ **Visibility**
- ✓ **Accessibility**
- ✓ **Availability**

of innovative know-how on a large scale and therefore the effect of R&D findings



- R&D Phase Standardization is an early integration of standardization into research projects
 - providing specific services to research;
 - accompanying innovative projects;
 - identifying standardization potentials of innovation projects;
 - integrating practitioners and experts from R&D into standardization
 - increasing the impact and exploitation of research results in view of standardization by applying best-practice methods
 - initiating and accelerating new standardization

Benefit for research partners:

- Consideration of economic requirements;
- Consideration of stakeholder perspectives, e. g. consumer, R&D environment;
- Contacts to the industry;
- Gate to CEN and ISO;
- Findings achieve international dimensions.

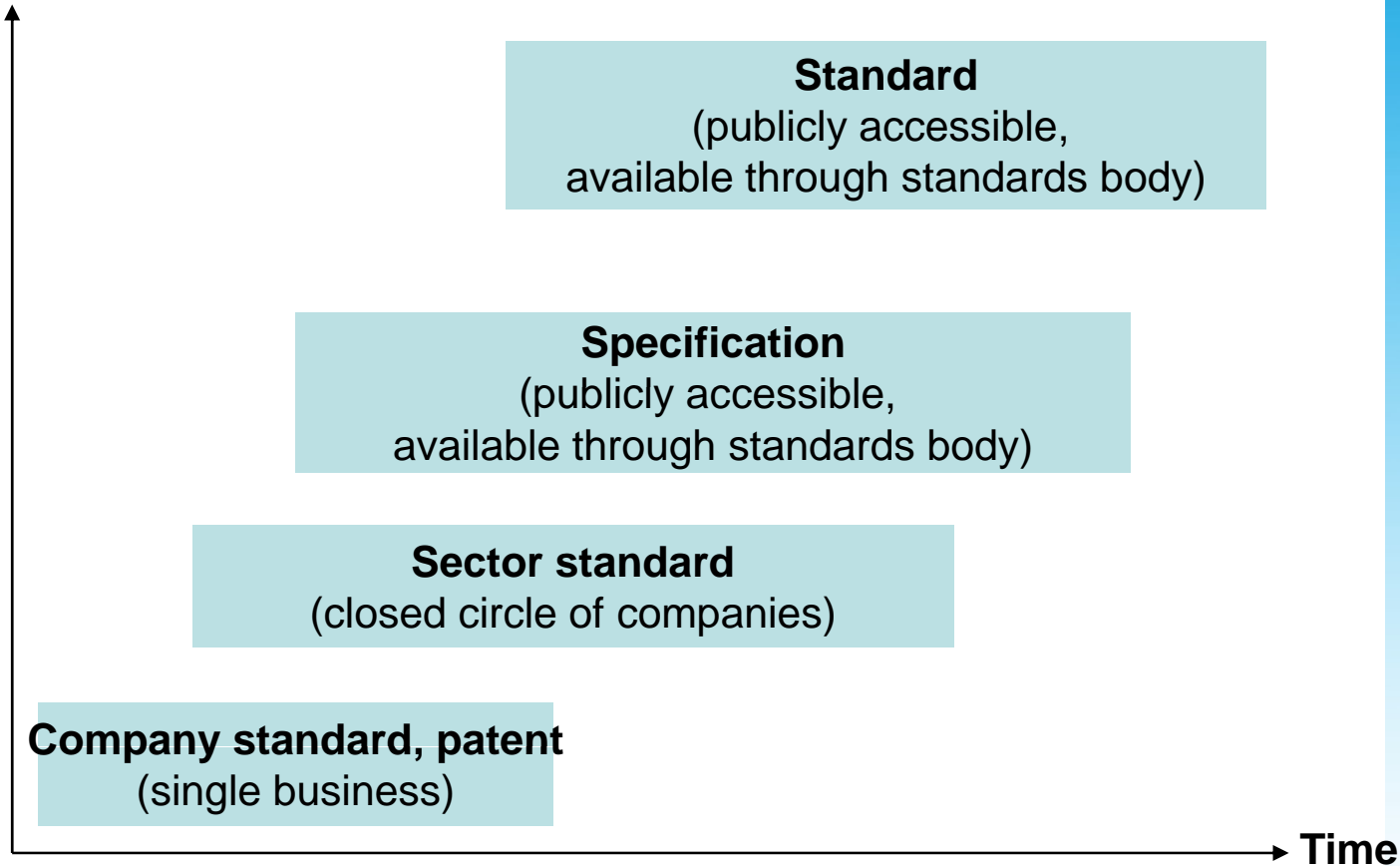
Standards and technical rules



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Consensus level

100%



Innovation
(new product,
new procedure)

Development process

Market maturity
investment
security

- The CEN Workshop Agreement (CWA) is an agreement developed by a CEN Workshop.
- The CEN Workshop is an open process that aims at bridging the gap between industrial consortia that produce de facto standards with limited participation of interested parties, and the formal European standardization process, which produces standards through consensus under the authority of the CEN member bodies.

- There is one standard about risk management in general (ISO/DIS 31000) and also some standards of risk management in special topics, but no standard of risk management for new technologies
- ISO/DIS 31000
Risk management - Principles and guidelines on implementation
- DIN IEC 62198
Project risk management - Application guidelines (IEC 62198:2001)
- DIN EN 62305-2 * VDE 0185-305-2
Protection against lightning - Part 2: Risk management (IEC 62305-2:2006); German version EN 62305-2:2006
- DIN EN ISO 17666
Space systems - Risk management (ISO 17666:2003); German version EN ISO 17666:2003

⇒ www.beuth.de

The screenshot shows the Beuth website interface in a Microsoft Internet Explorer browser. The address bar shows <http://www.beuth.de/>. The website header includes the Beuth logo (Berlin · Wien · Zürich) and the slogan "DIN – der Verlag heißt Beuth". Navigation links include Home, Newsletter, Kontakt, and Hilfe. There are also links for "English Version" and "DIN".

The main content area displays search results for "e-Learning" and "Lebensmittelhygiene".

WILLKOMMEN BEIM BEUTH VERLAG
e-Learning neu
Qualitätssicherung und Qualitätsmanagement im e-Learning
 Bildung ist (auch) eine Frage von Qualität: E-Learning aus der Reihe «Beuth Innovation» zeigt die Entwicklung von Qualitätsstandards im e-Learning auf und spiegelt dabei den aktuellen Diskussionsstand der an diesem Prozess Beteiligten. >>
 Download Versand
 Originalsprache: de EUR 78,00

Lebensmittelhygiene neu
DIN-Taschenbuch 280
 Dieses DIN-Taschenbuch bietet eine zusammenfassende Darstellung der Normen und Norm-Entwürfe zum Titelthema und dient Anwendern als Orientierung für den hygienegerechten Umgang mit Lebensmitteln. Die Dokumente spezifizieren allgemeine Hygieneanforderungen an Nahrungsmittelmaschinen, Managementsysteme für die Lebensmittelsicherheit, Bedingungen für die Rückverfolgbarkeit in der Futter- und Lebensmittelkette, Aspekte zur Hygieneschulung des Personals sowie zur Reinigung und Desinfektion. Außerdem geht es in den Normen um Schädlingsbekämpfung im Lebensmittelbereich, Arbeitsbekleidung in Lebensmittelbetrieben, geeignete Temperaturen für Lebensmittel, automatische Melkverfahren, Außer-Haus-Verpflegung - und um viele weitere, für die Lebensmittelhygiene relevante Inhalte.
 Download Versand
 Originalsprache: de EUR 134,00

At the bottom of the page, there is a link for "Allgemeine Anforderungen an die Kompetenz von Prüf- und..." and a "Lokales Intranet" icon.

www.ebn.din.de

Dipl.-Ing. Hermann Behrens

Gruppenleiter
Entwicklungsbegleitende Normung
(EBN)

Telefon: +49 30 2601-2691
Telefax: +49 30 2601-1738
Mobil: +49 170 7976224
email: hermann.behrens@din.de



**DIN Deutsches Institut
für Normung e. V.**

Burggrafenstraße 6
10787 Berlin
www.din.de