



**The System of Standards and Quality in
Czech Republic and its role in promoting
the Czech economy**

Milan Holeček

**For the 2nd International Conference
and Exhibition**

Cairo, 27 October 2007

Czech Standards Institute (CNI) - Introduction

- National standards body for all fields of standardization: general, electrotechnical, telecommunication
- Established in 1993
- State organization subsidised by the state budget
- Authorized by the Ministry of Industry and Trade to ensure the development and publication of Czech Technical Standards (CSNs)
- Member of IEC (1922), ISO (1947), CEN and CENELEC (1997), ETSI (NSO 1993)

Legal framework of standardization in the Czech Republic

- Governs standardization in articles 4, 4a, 5 and 6 – main principles and rules
- Act No. 22/1997 Coll. on Technical Requirements for Products and on Amendments to some Acts
- Governs also conformity assessment, certification, accreditation, authorization, information obligations

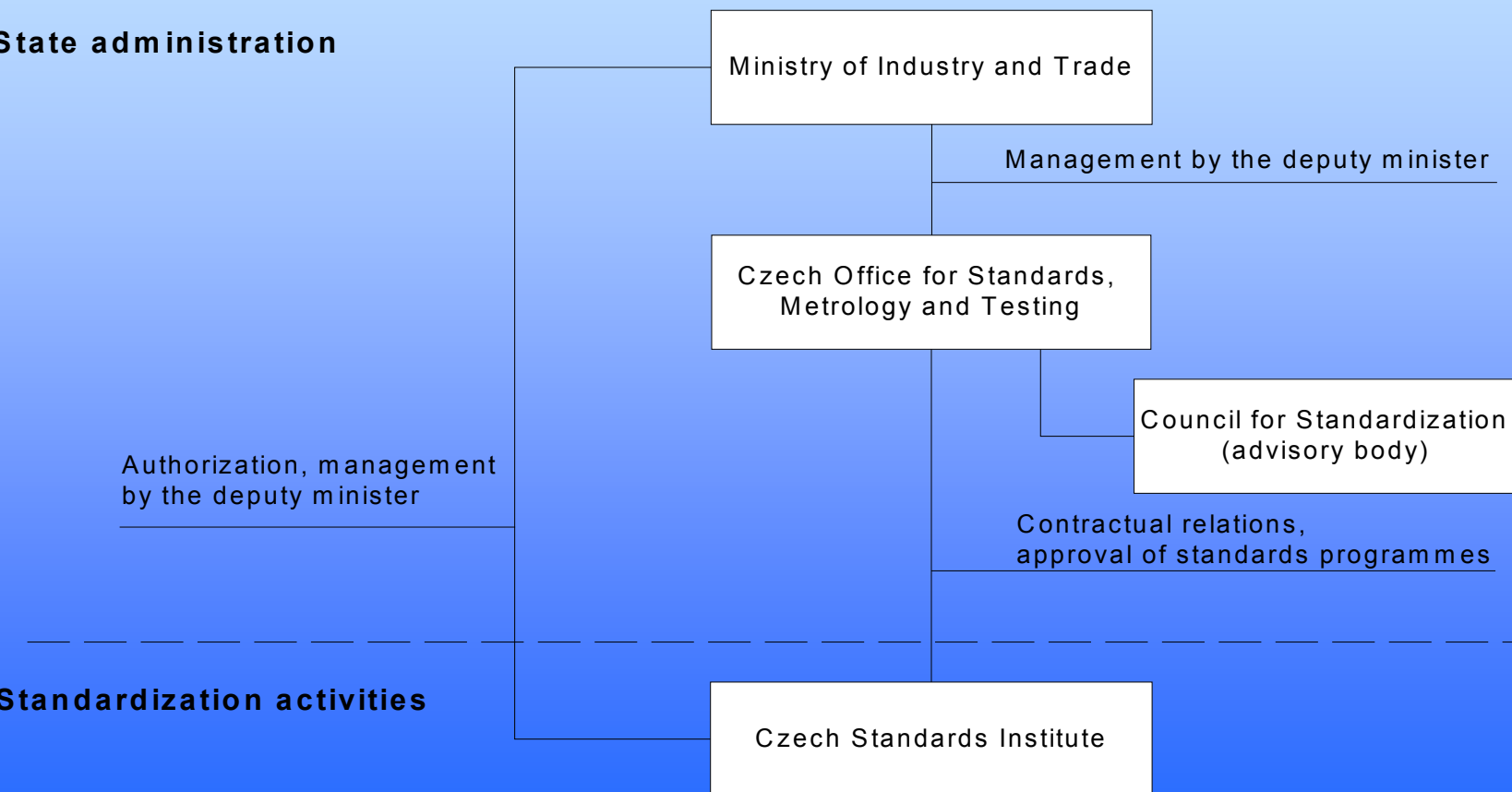
Main legal provisions concerning Czech standards

- Czech Standard is a document approved by the Czech Standards Institute for repeated or permanent use developed under the Act 22/1997 Coll.
- Czech Standards are marked with the initials „**CSN**“.
- Their issuance has to be published in the Official Journal of the Czech Office for Standards, Metrology and Testing (**COSMT Journal**).
- Czech Standards are **not mandatory**.
- Czech Standards have to be in compliance with laws and other Czech regulations.

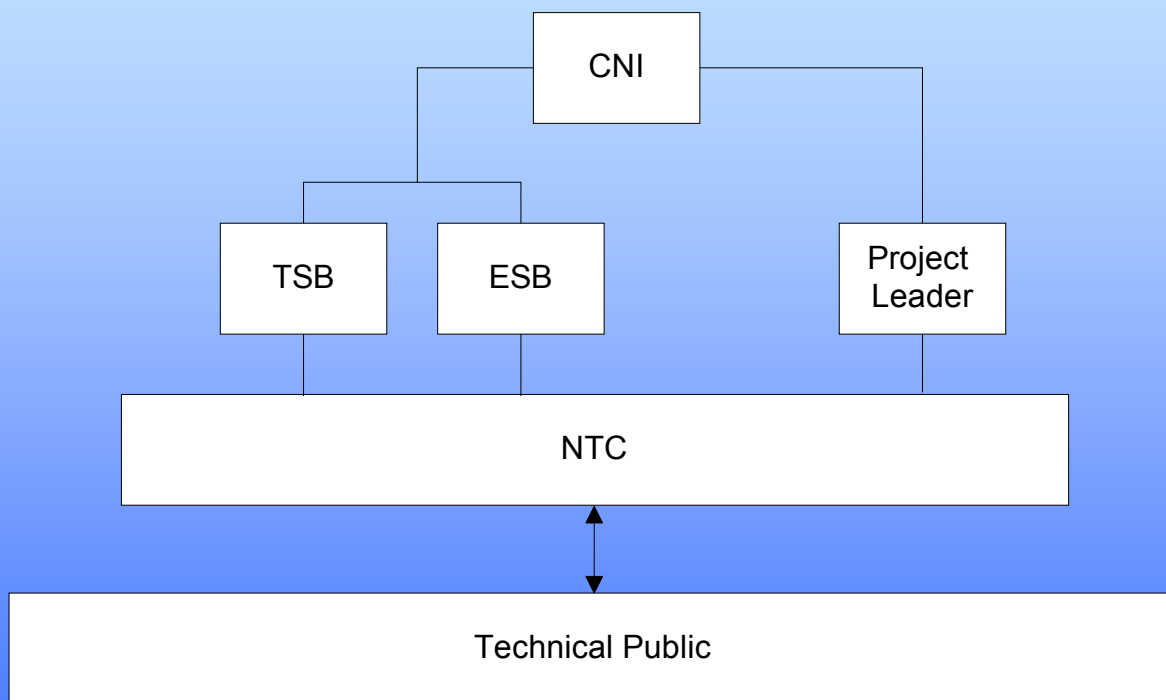
Conditions for development and publication of Czech standards

- Timely publication of information on Czech standards under development and their **publication in the COSMT Journal**
- Uniformity and **mutual compliance** of Czech standards
- Exploitation of the attained **state of the art in science and technology**
- Respect for **public interest**
- Fulfilment of **obligations** resulting from **international** agreements binding for the Czech Republic, from membership in international and European standards organizations
- **Discussion** of Czech standards drafts **with every** interested party
- **Distribution** of the published standards **within two weeks**

Governance structure of standardization



Organization of technical work



- ↓ TSB (ESB) – Technical (Electrotechnical) Standards Board - advisory bodies, composed of appointed representatives of the State administration and elected members of NTC
- ↓ NTC – national technical committee, 107 NTCs with more than 1 600 members, commissioned experts from industry, trade, state administration, R&D institutes

Czech Standards Institute main activities

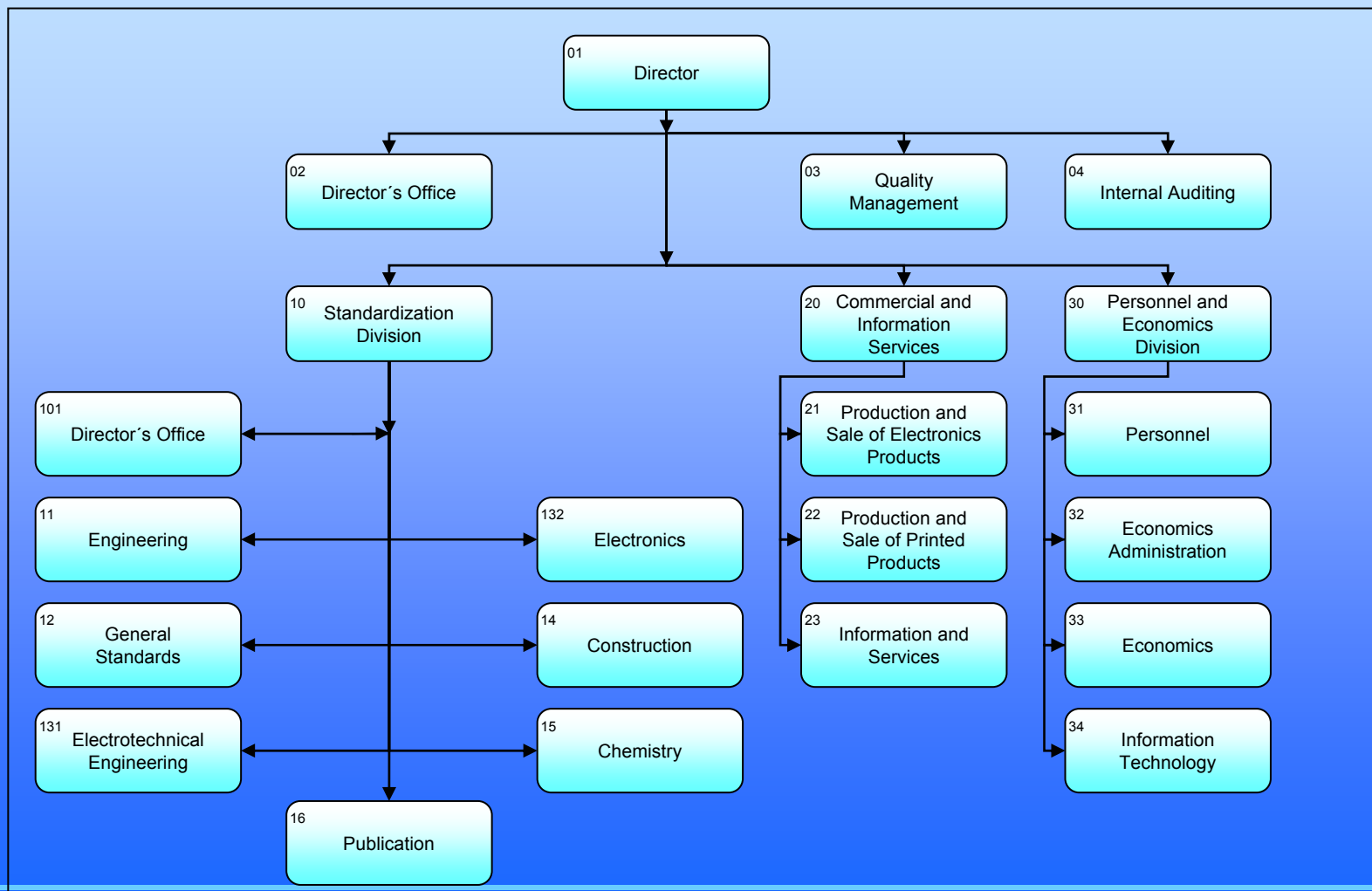
- Development, publication and distribution of Czech technical standards (CSN)
- Participation in the development of international and European standards
- Providing of information on standards
- Granting of voluntary mark of conformity “CSN TEST” with Czech technical standards

Development of Czech Standards

Main elements

- Standards programmes
- National technical committees
- Project leaders
- Electronic databases, electronic communication and templates
- Internal and external guidelines

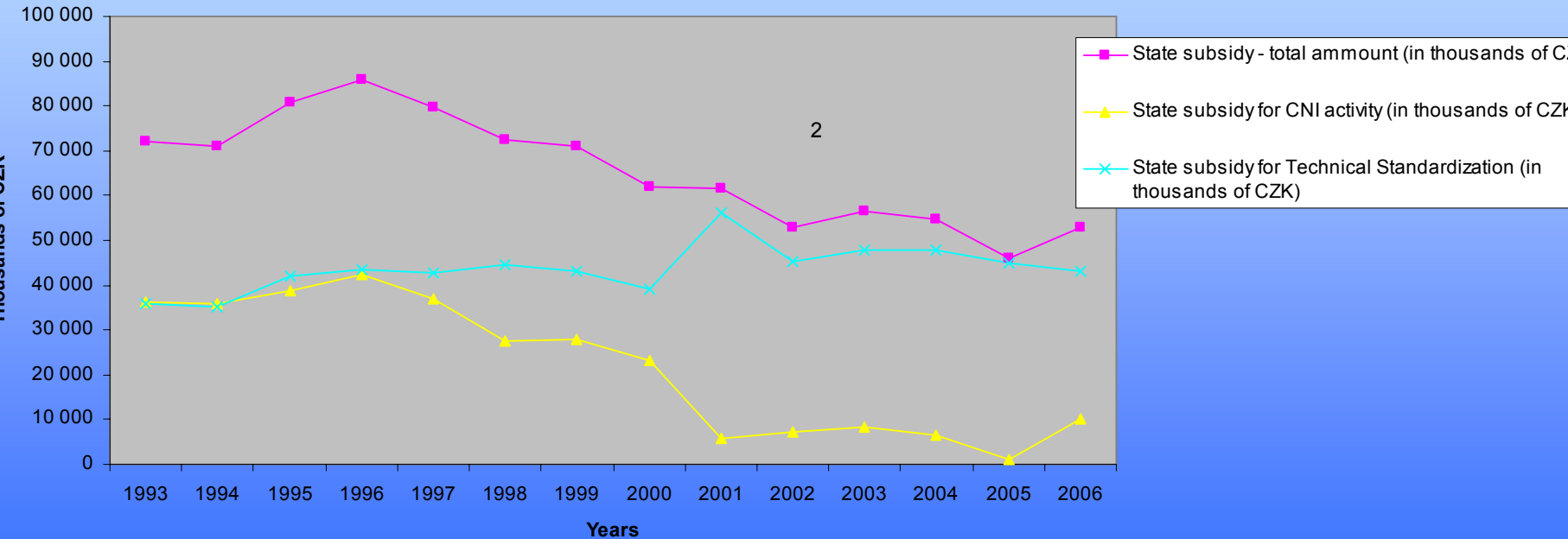
CNI Organizational Chart



Financing of standardization

- State budget
 - Adoption and development of standards
 - Participation in meetings (ISO, IEC, CEN, CENELEC)
- Sale of products – CNI costs
- Company resources
 - Experts participation in TSB, ESB, national TC
 - Adoption and development of standards
 - Participation in meetings (ISO, IEC, CEN, CENELEC)

State Subsidy for Standardization

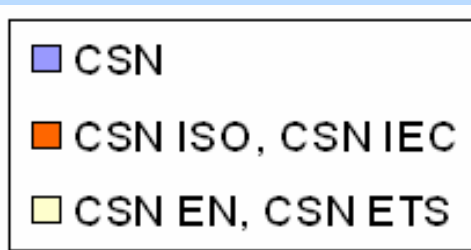




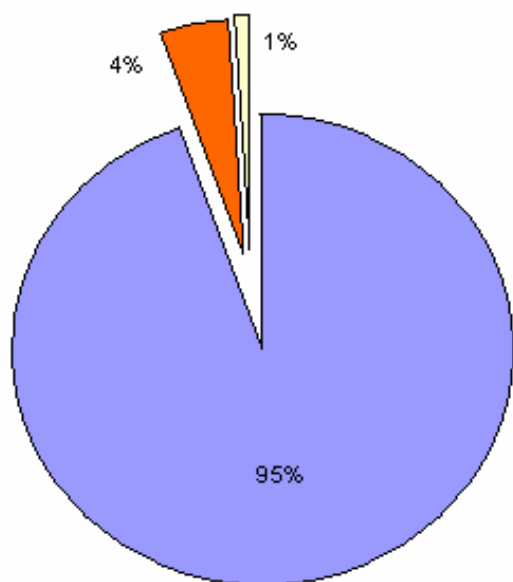
Annual production of CSN in the period 1995 – 2006

Year	CSN	CSN ISO, CSN IEC	CSN EN, CSN ETS	Published
1995	117	367	713	1197
1996	132	462	1425	2019
1997	104	362	1840	2306
1998	216	297	1898	2411
1999	79	374	2082	2535
2000	111	322	1807	2240
2001	111	216	2129	2456
2002	86	192	1913	2191
2003	152	197	2151	2500
2004	101	140	1642	1883
2005	235	154	1923	2312
2006	83	133	1676	1892

Composition of Czech Standards (CSN)

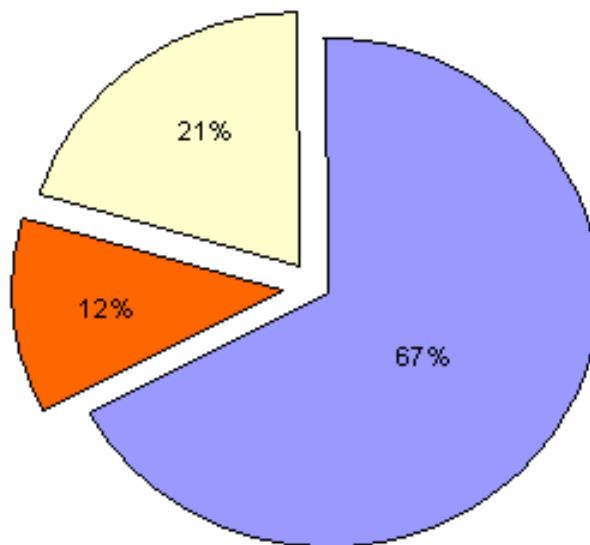


1993



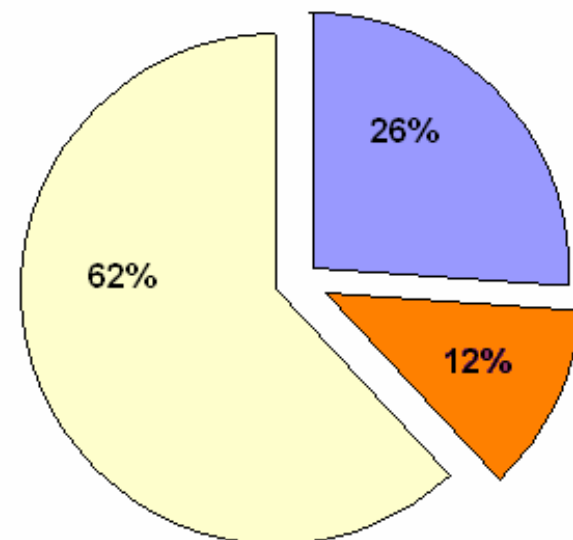
15 789 CSN

1997



20 506 CSN

2006



28 703 CSN

Active participation in the sector of services

- CEN/BT/TF 186 Print media analyses
- CEN/TC 320 Transportation services
- CEN/TC 329 Tourism services
- CEN/TC 331 Postal services
- CEN/TC 348 Facility Management
- ISO/TC 224 Standardization of service activities relating to drinking water and sewerage
- ISO/TC 225 Market research
- ISO/TC 228 Tourism and related services

Participation in the sector of services - less active

- CEN/BT/TF 139 Funeral Services
- CEN/BT/TF 142 Building Management: Integrated System and Services
- CEN/BT/TF 167 Security services
- CEN/BT/TF 180 Services of Real Estate Agents
- CEN/BT/WG 104 Measurements in the field of Services
- CEN/BT/WG 163 Services
- CEN/TC 247/WG 5 Building Management: Integrated System and Services
- CEN/TC 320/WG 4 Removal services
- CEN/TC 328 Standard measuring system for cleaning performance
- ISO/TC 222 Personal financial planning
- ISO/TC 232 Educational services
- ISO/TC 68 Banking, securities and other financial services

Quality management system

- CNI received a certificate confirming conformity of the CNI quality management system with ISO 9001:2000 in 2003.
- This certificate applies to the provision of services in the area of standardization.
- CNI established the vision, mission, strategy, quality policy and quality objectives.

CNI vision and mission

Vision

To create conditions for the development of technical standards and related documents and to promote their application.

Mission

To coordinate the development of International, European and national technical standards and related documents.

To create products supporting application of technical standards and related documents.

To disseminate technical standards and products supporting their application.

CNI Strategy

- To work out the conception of technical including international cooperation.
- To amplify the utilize of the state subsidy in order to strengthen active collaboration in the course of the development of technical standards.
- To monitor the efficiency of the work.
- To introduce and to support the technical standardization teaching in secondary schools and universities.
- To extend the possibility for online access to technical standards.
- To update the standards printing procedure.
- To work out the conception of the IT development for the next 5 years.
- To improve the planning of the revenue in connection with the creation of products and to improve ways how to check fulfilment of plans.



Český normalizační institut
Czech Standards Institute

**Thank you
for your attention**