

Gas Industry in the Czech Republic

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Czech Republic



History of the Czech Gas Industry



- 1847- first supply of town gas in Prague
- 1919 – Foundation of Czechoslovak Gas Union
- 1931 – International Gas Union established
- 1967 – first natural gas through Brotherhood pipeline from Soviet Union
- 1973 – natural gas supply by Transgas pipeline to West Europe
- 1997 – first Norwegian gas to the Czech Rep.
- 2002 – Czech Gas Industry privatised

Czech Gas Legislation I.



■ Primary

■ Energy Act No. 458/2000 Coll.

■ Secondary

□ MoIT Decrees

- No. 165/2001 “Dispatching order of the gas system of the Czech Republic“
- No. 167/2001 „Emergency situation in the gas sector“
- No. 251/2001 „Rules for the operation of transportation and distribution gas systems“
- No. 245/2001 „Granting the state authorisation for a construction of selected gas facilities“

■ Tertiary

The Energy Act 458/2000 Coll.



- ❑ **1st Amendment – in force since 1.1. 2001**
 - **Principles of 1st EU Gas Directive 98/30 EC**

- ❑ **last Amendment – in force since 30.12. 2004**
 - **Principles of 2nd EU Gas Directive 2003/55/EC**
 - **Gas Market opening**
 - **Legal unbundling of TSO & DSO's**
 - **New definition of Regulated and Non – regulated Activities**
 - **Definition of Public Service Obligations**
 - **Rights of Protected Customer**

Gas Market Opening



■ § 55, Article 3 of the Energy Act

■ January 1st, 2005 – all end consumers, having consumption > 15 mill. m³, all CHP and electricity producers

■ January 1st, 2007 – all consumers inclusive households

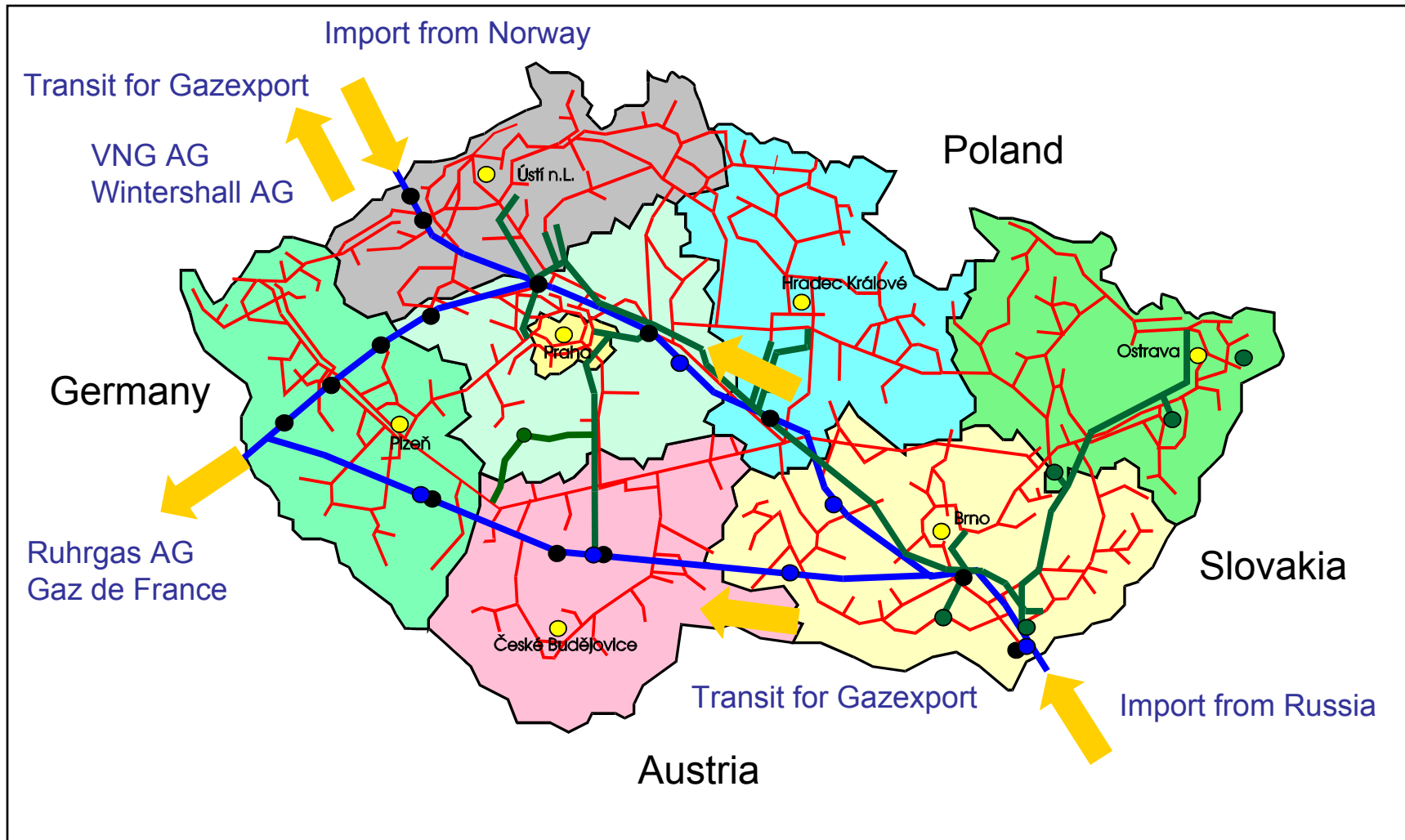
Legal unbundling of TSO & DSO



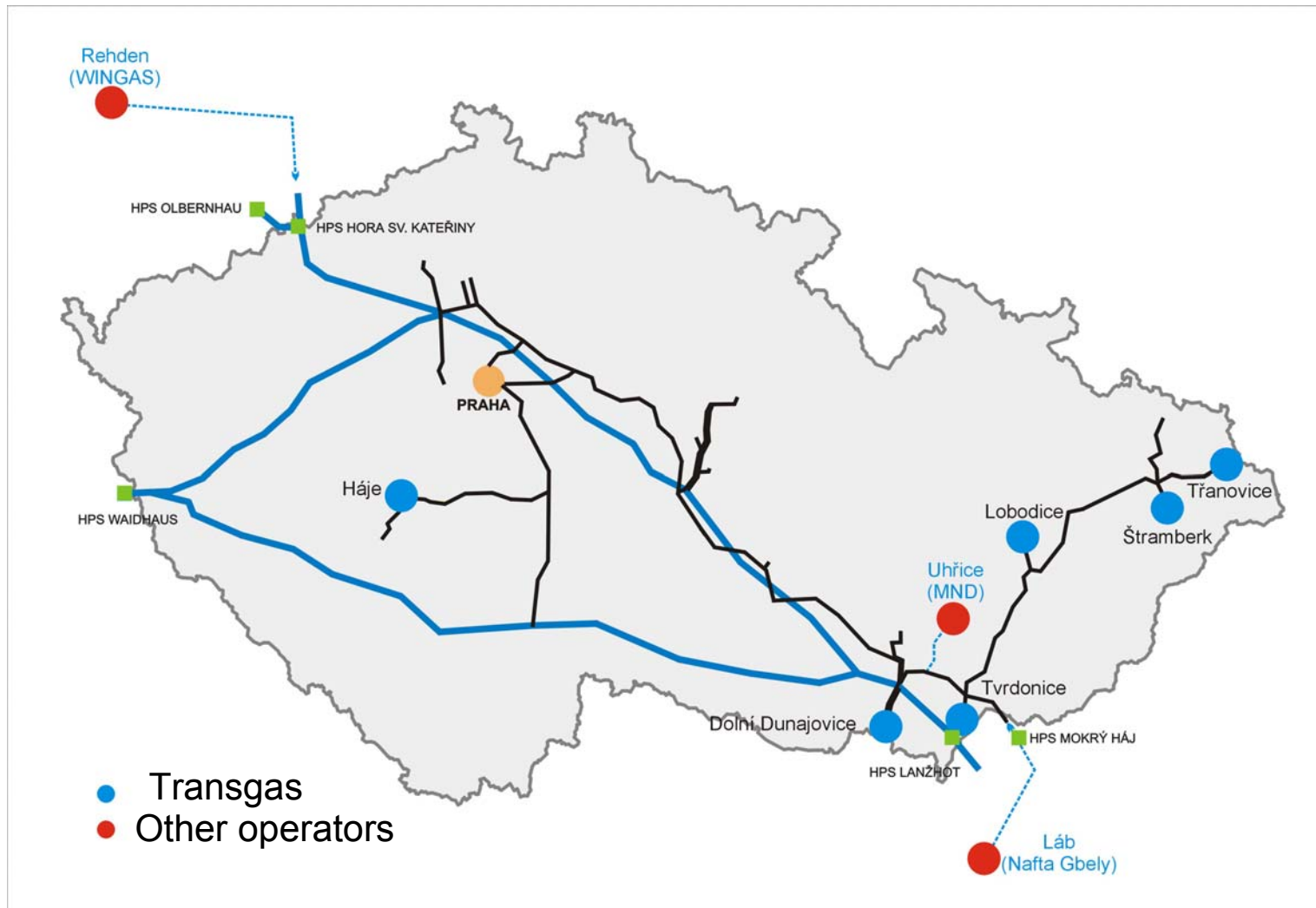
Unbundling of TSO & DSO's activities is anchored in the amended Energy Act under

- **§ 58a Article 1 – TSO as of 1st January 2006**
- **§ 59a Article 1 – DSO's as of 1st January 2007**

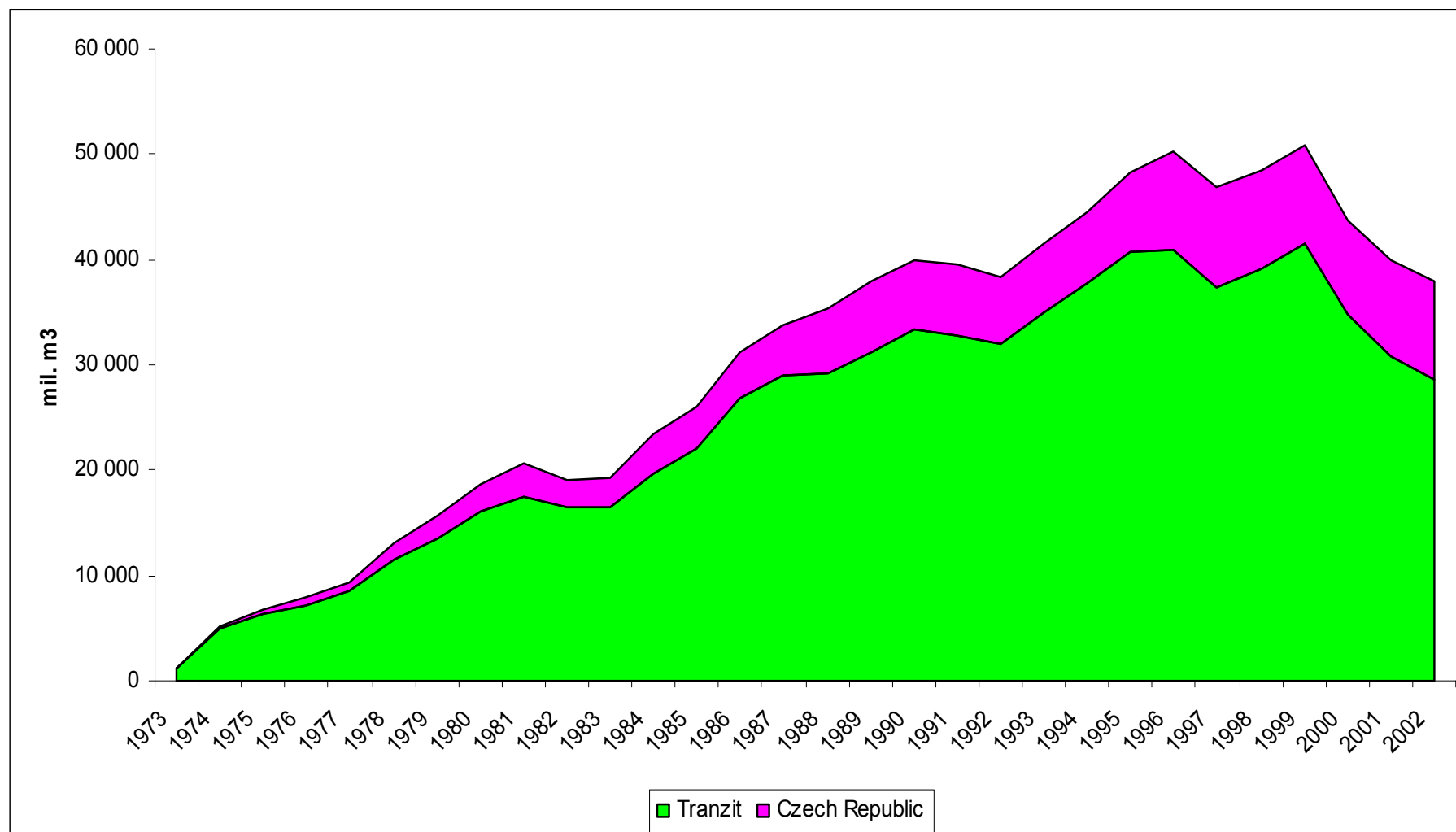
Czech Gas System



Underground Gas Storage Facilities



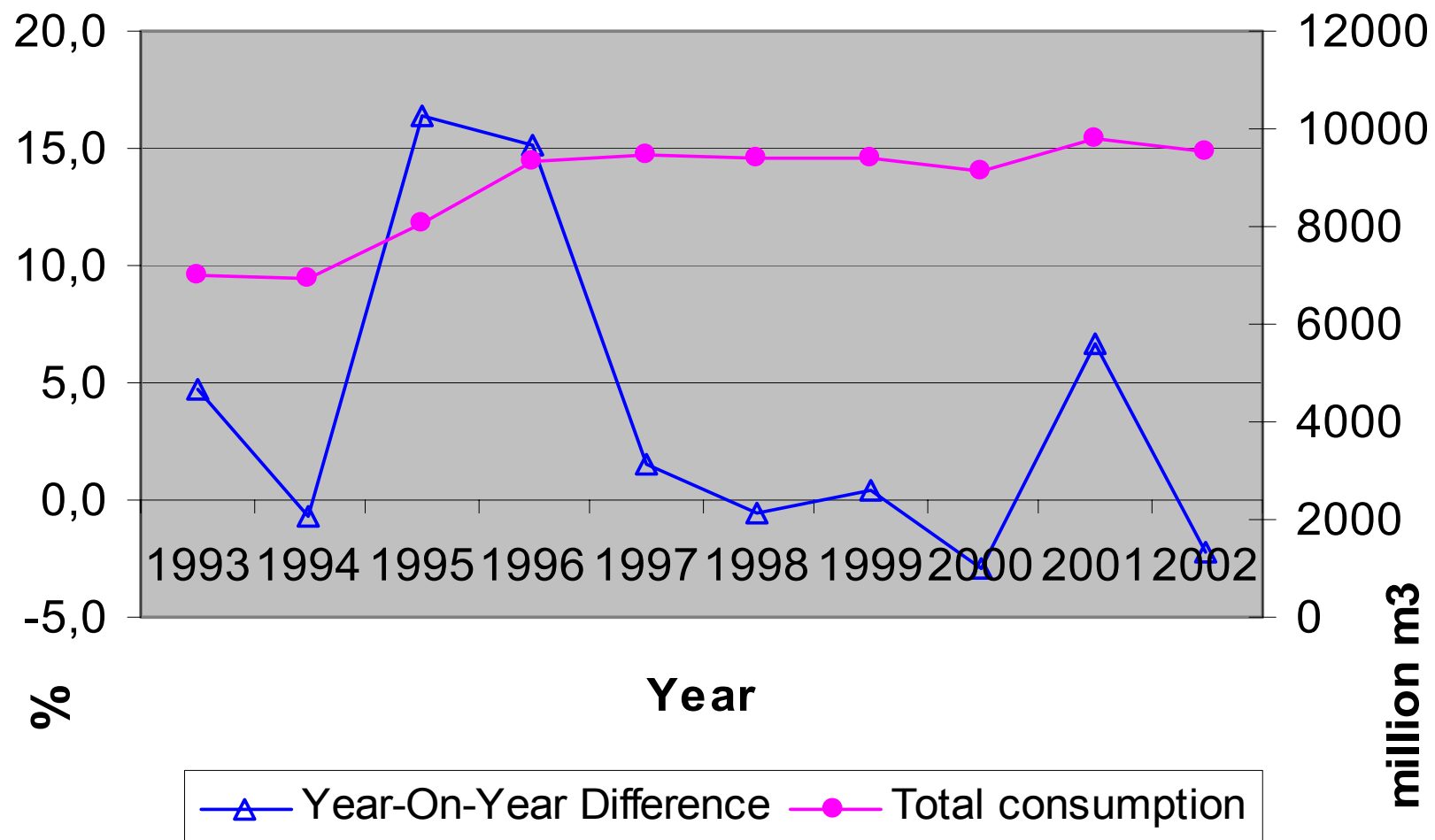
Gas Transit and Consumption in CR



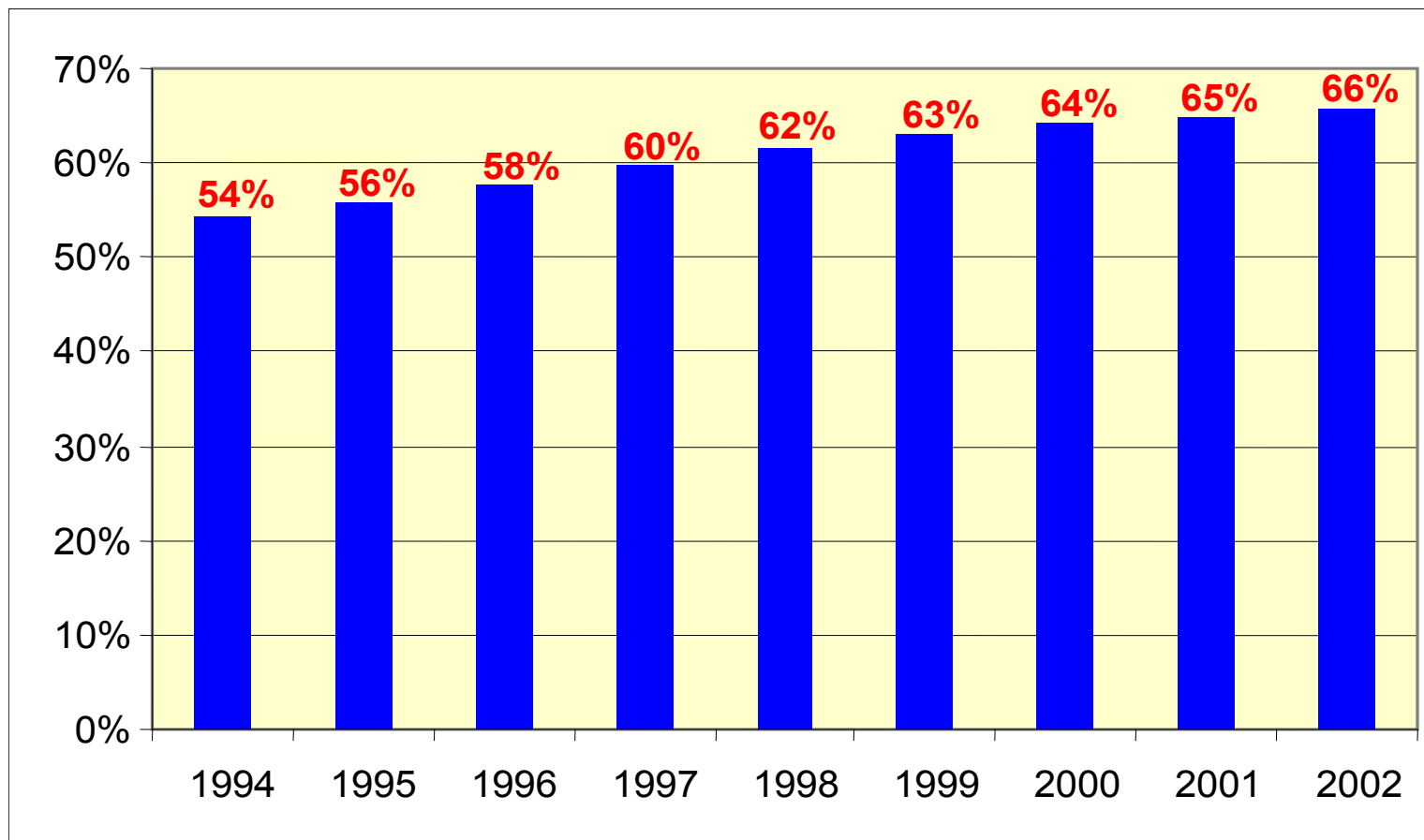
Domestic Consumption of Primary Energy Sources in %

	1990	1995	2000	2004
Solid fuels	64,9	57,5	51,1	47,1
Liquid fuels	17,1	18,4	19,0	18,2
Natural gas	10,9	15,7	19,1	20,1
Nuclear power	6,7	7,7	8,9	11,8
Renewable Energy Sources	0,4	0,7	1,9	2,8

Natural Gas Consumption in the Czech Republic

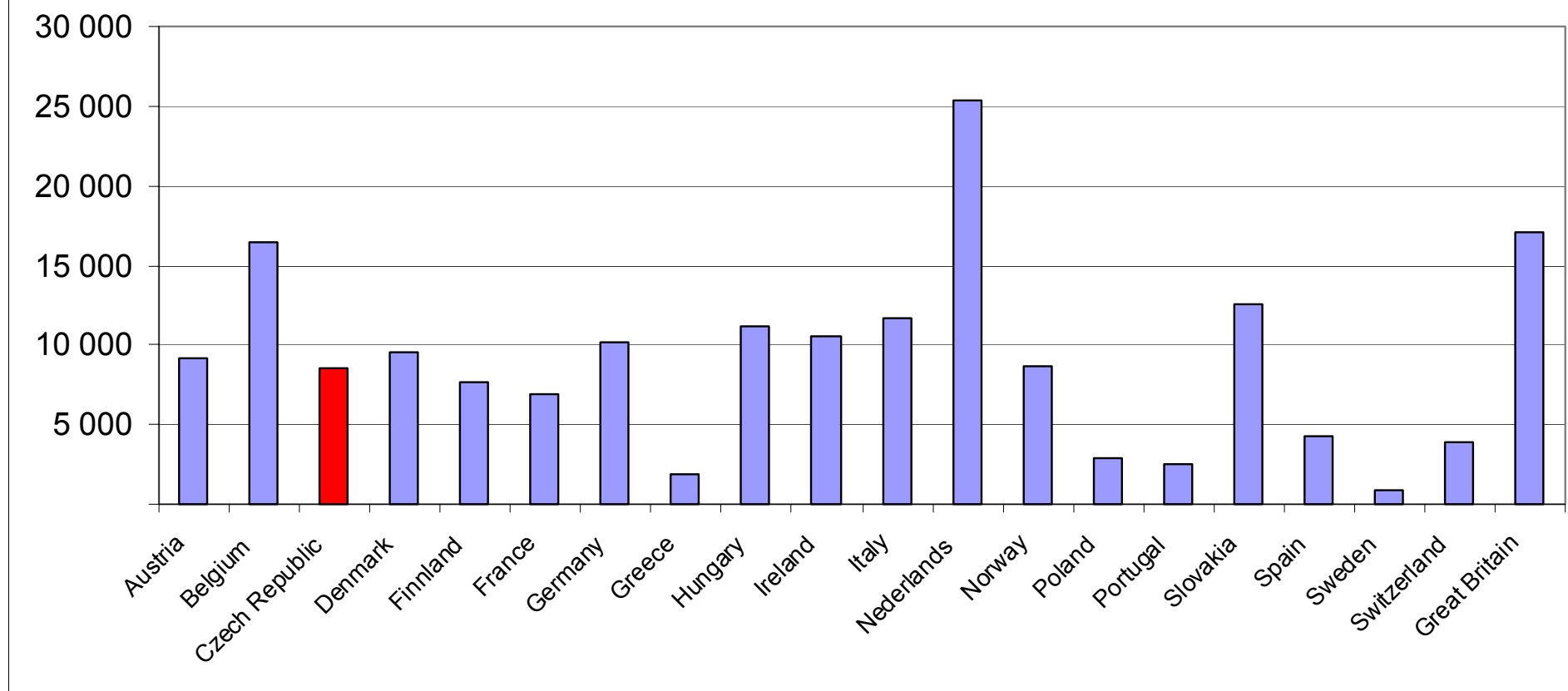


Gasification of households in CR



European Gas Industry

Consumption of natural gas per capita



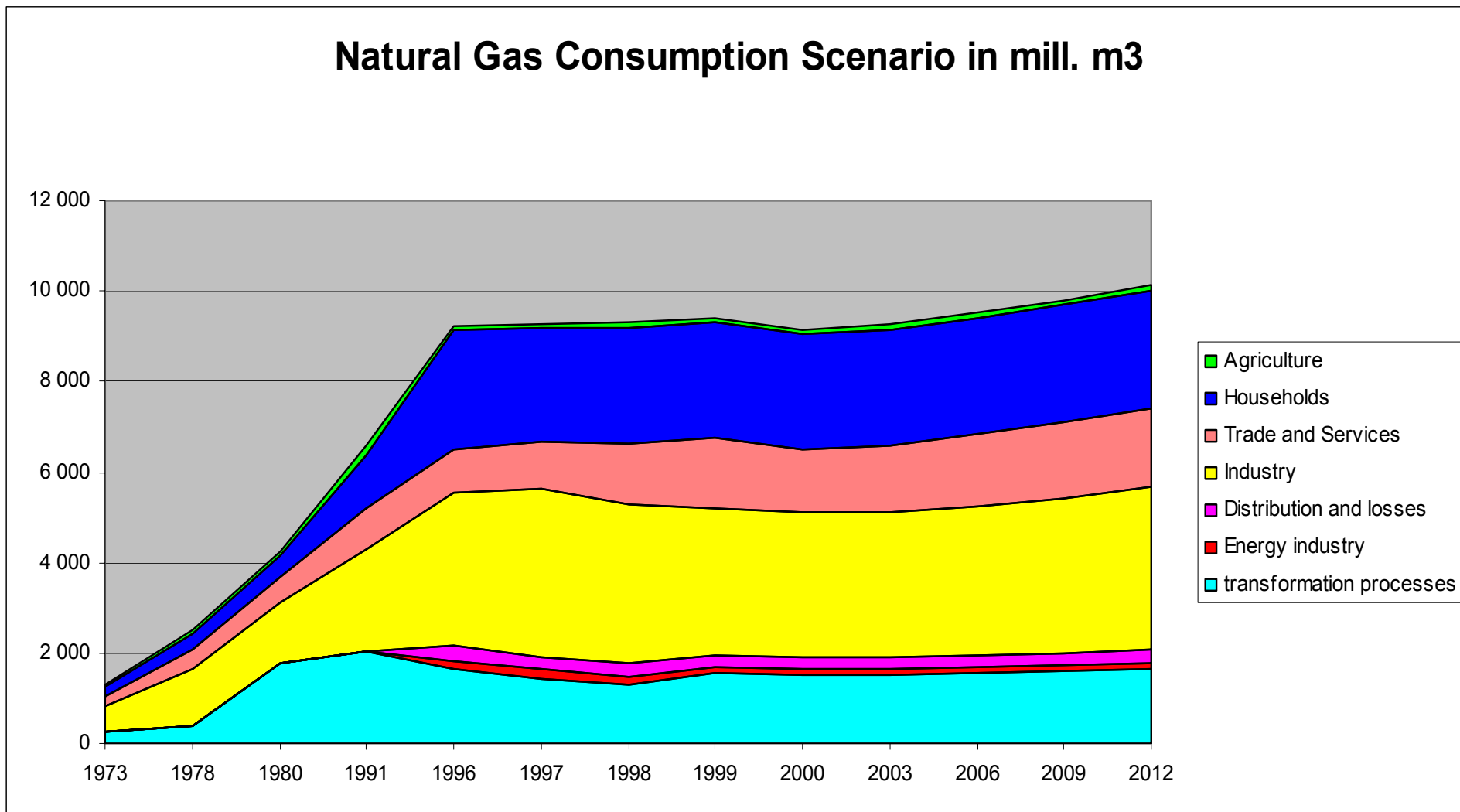
Czech Gas Industry Horizons



- **Gas Industry will remain an important pillar of Czech Energy Sector**
- **Gas Industry can satisfy sufficiently and reliably the needs of Czech economy**
- **Gas Industry will aim at increased share of Primary Energy Source**

Natural Gas Future Scenario in CR

Natural Gas Consumption Scenario in mill. m3



Ladies and Gentlemen
thank you
for your attention.