



# Basic conditions for CO<sub>2</sub> emissions in 2008 - 2012 in the Czech Republic

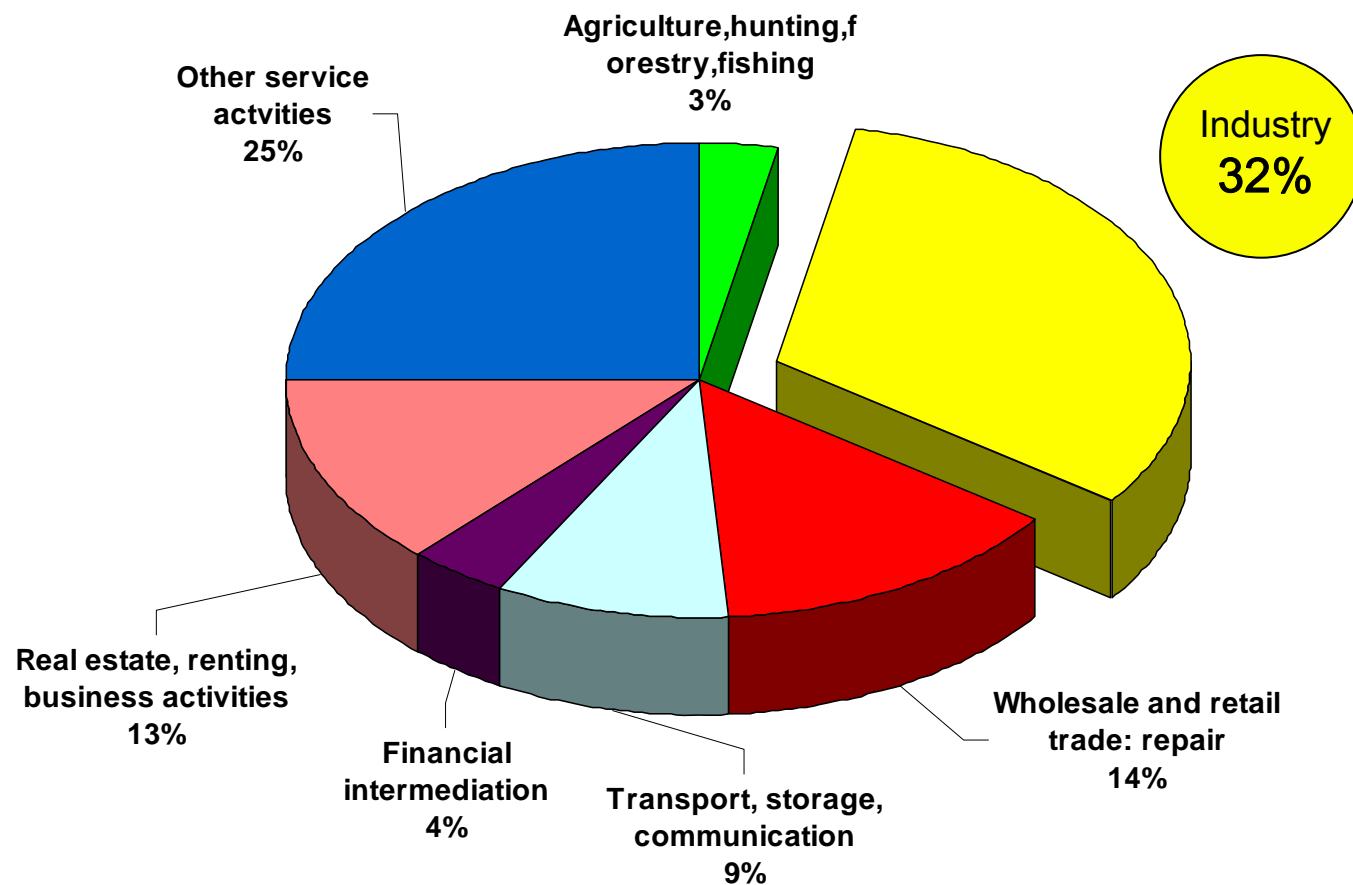
**Ladislav Pazdera**  
Ministry of Industry and Trade



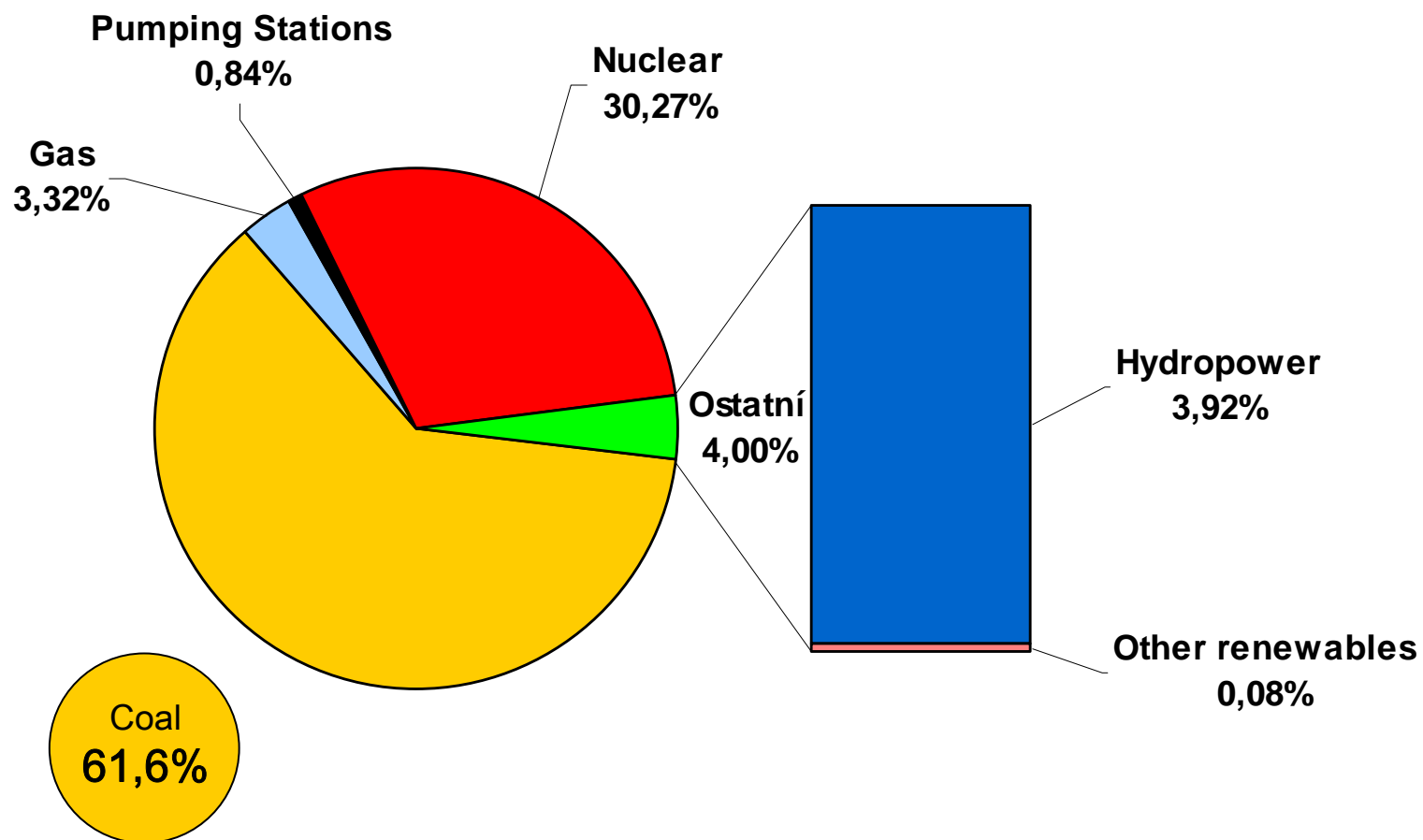
January 2007



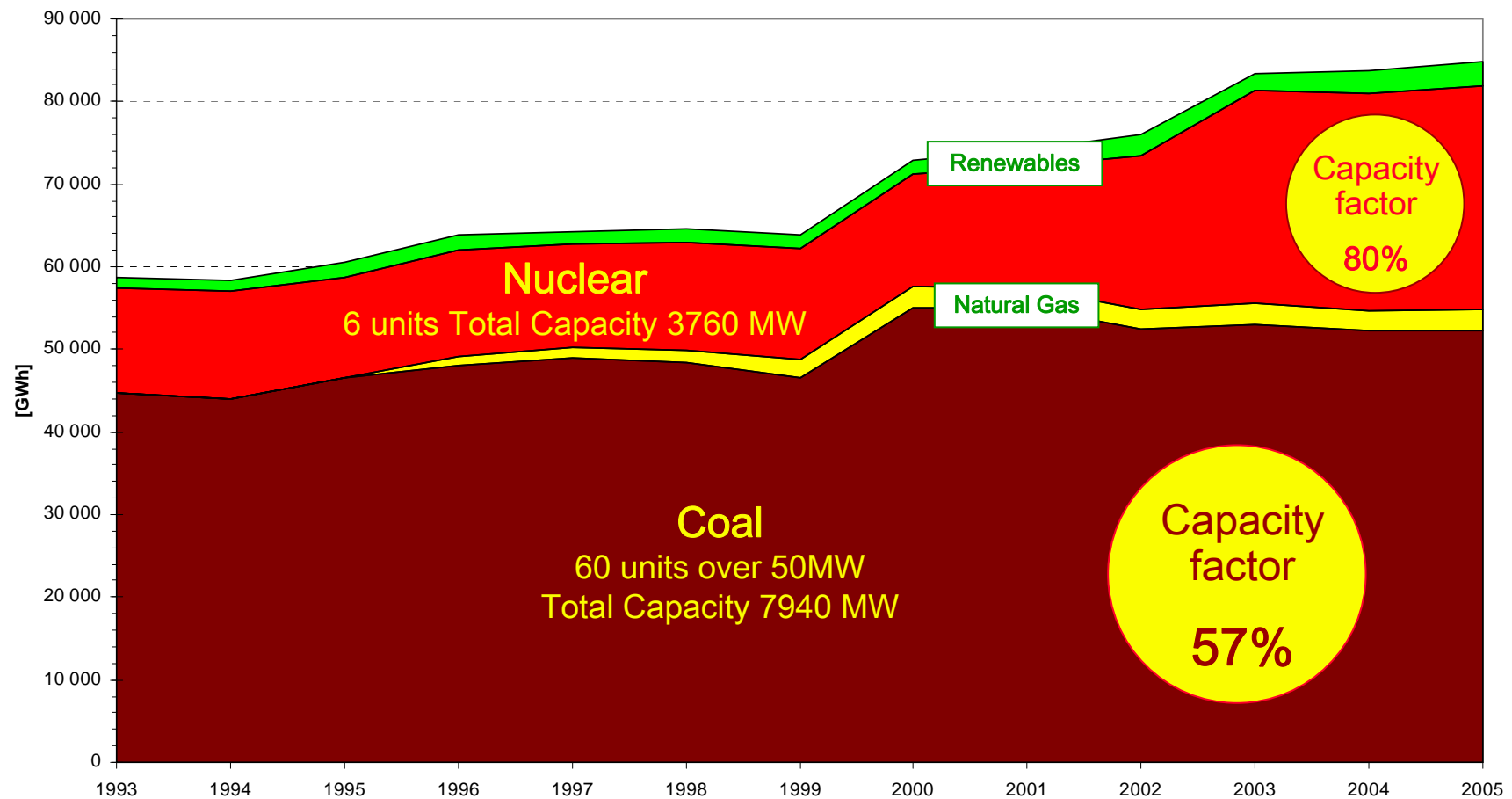
# Structure of Czech Economy



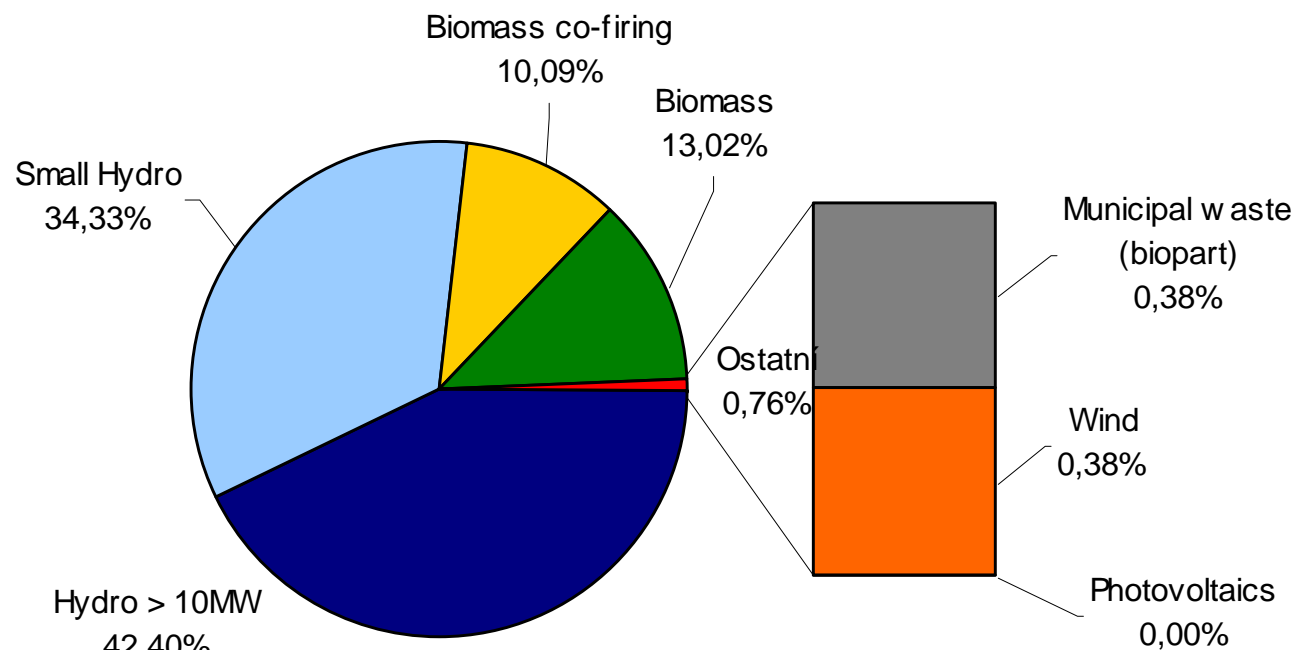
# Electricity production mix



It doesn't change too much



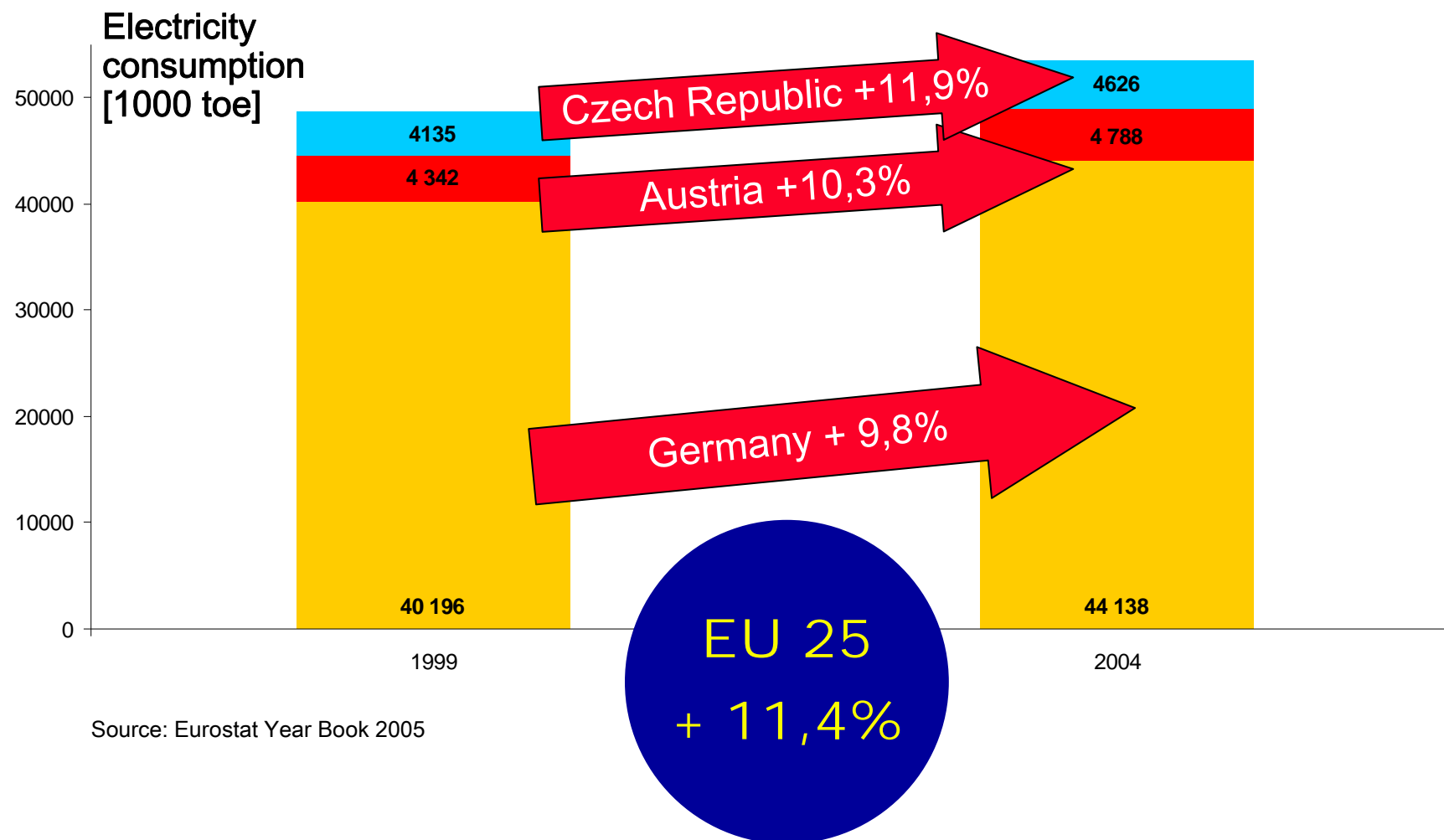
# Renewable electricity



	2003	2004	2005
RES-E share	2,8%	4,04%	4,48%

90% of changes in RES-E production due to availability and usage of large hydropower stations.

# EU needs more electricity



## Basic conditions for 2008 - 2012

- ✓ 30% of gross domestic product generated in manufacturing industry
  - ✓ GDP growth increased to 6% after entering EU
  - ✓ Energy demand is rising rapidly as anywhere in Europe 2 – 3% p.a.
  - ✓ Demand for electricity around EU is growing (new power plants are not available in the short period)
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- ✓ 60% of total electricity and heat produced from domestic coal
  - ✓ Capacity factor of nuclear power plants amount to 80% (new are not planned)
  - ✓ Overcapacity of thermal power plants will be used to cover growing electricity demand (current capacity factor is 57%)
  - ✓ New large plants to be commissioned after 2015  
(only one new 600MW unit planned to be commissioned in 2011)
  - ✓ Renewables are growing very slowly in spite of strong promotion  
(only 0,1% generated in new installations in 2005)



# Thank You for Your Attention

