

11. 6. 2009, Prague

NEW ENVIRONMENTAL POLICY IN THE CZECH REPUBLIC

Rut Bízková

Deputy Minister

Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicka 65, 100 10 Prague 10
Czech Republic

www.mzp.cz



New Environmental Policy of the CR

- For 2011 - 2020
- Follow up to present environmental policy 2004-2010
- Present national policy is compliant with the 6. Action Plan – all its priorities are relevant for the CR



Main objective:

Sustainable development of the Czech Republic in the sustainably developing Europe

- Sustainable production
- Sustainable consumption



New Environmental Policy is related to

- adopted “European” commitments
- country-specific issues given by social and economic situation

Simultaneously, environment policy is the main framework for development of economy and business



**What kind of country is it for
which environmental policy
is to be prepared?**



Population in the CR

Věková skladba obyvatelstva: 2050

Česká republika

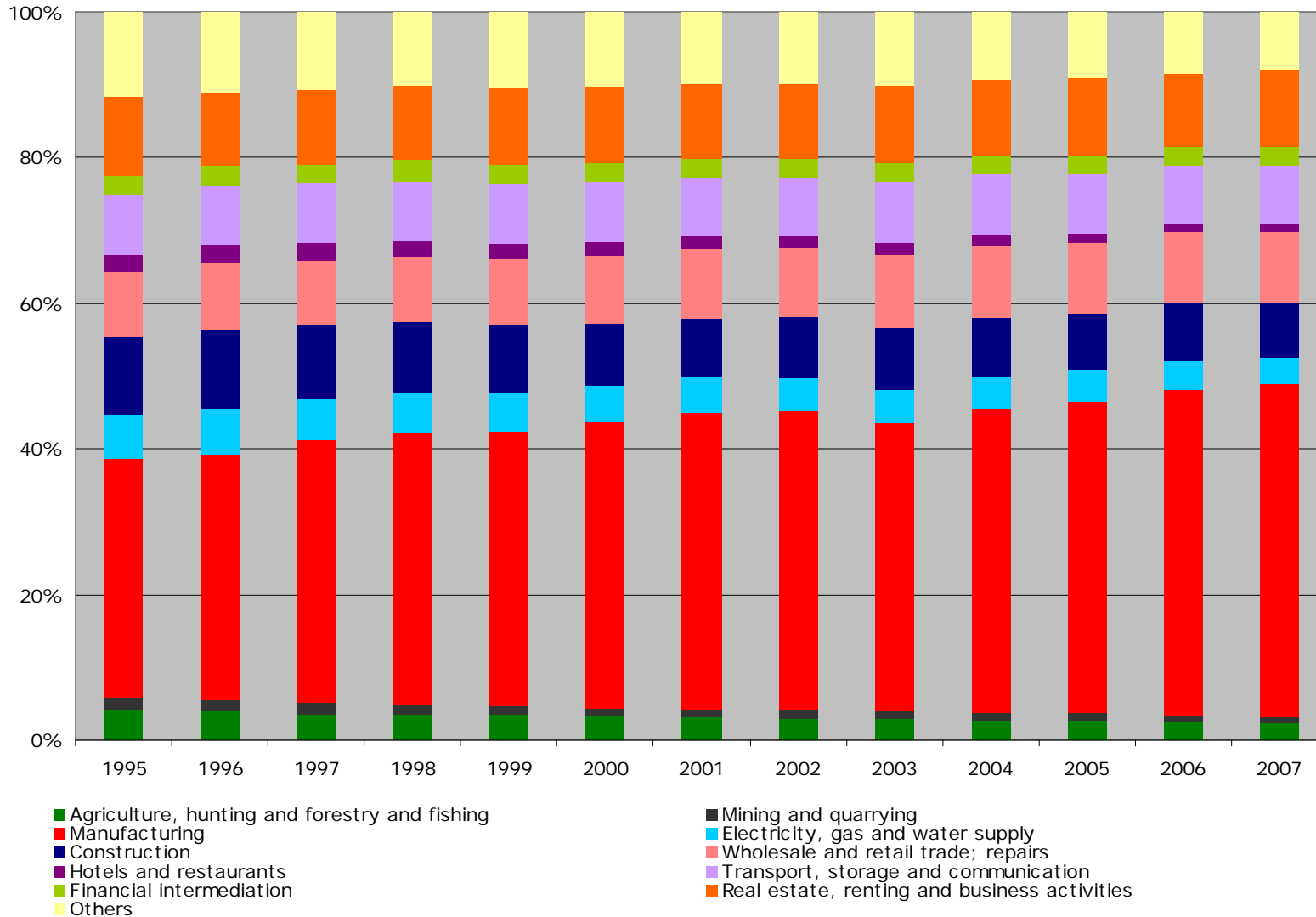


Source: CSO



GDP by the production approach

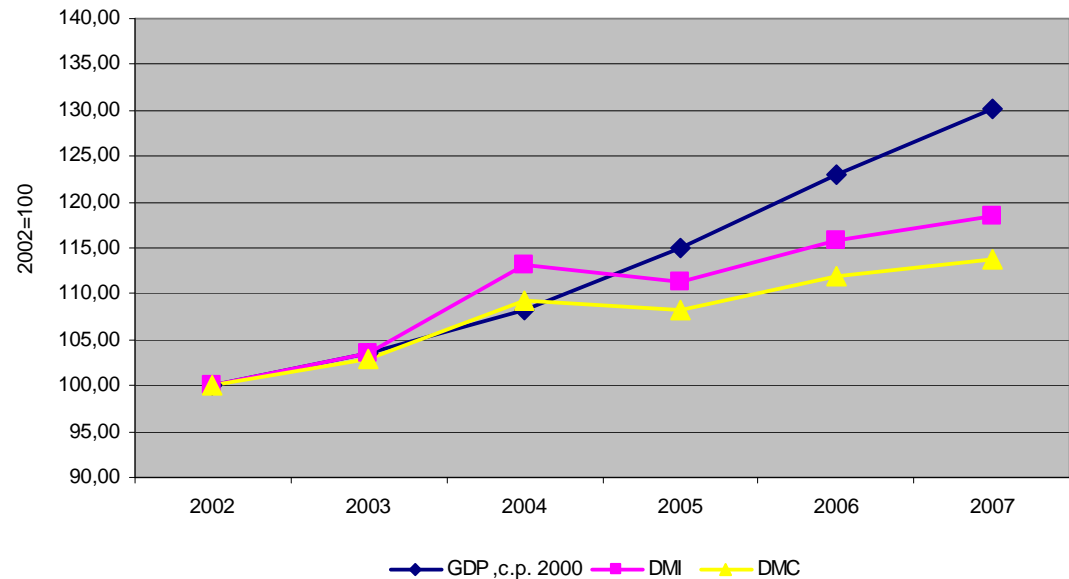
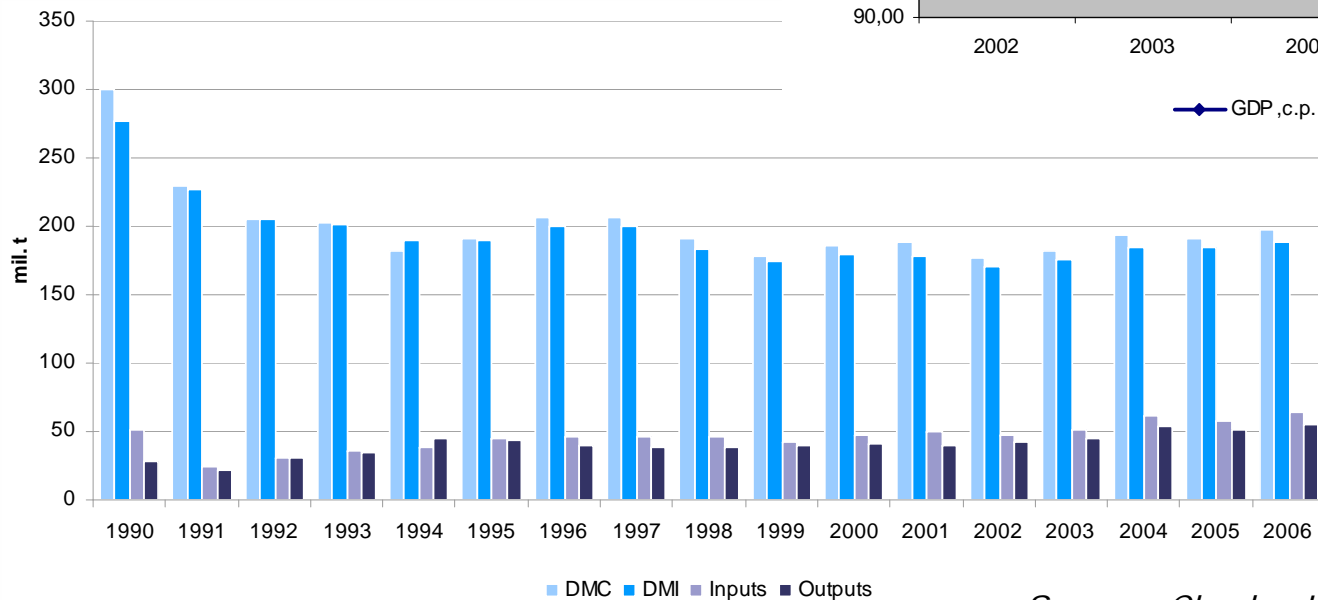
Output - by industry (constant prices of 2000)



Source: CSO



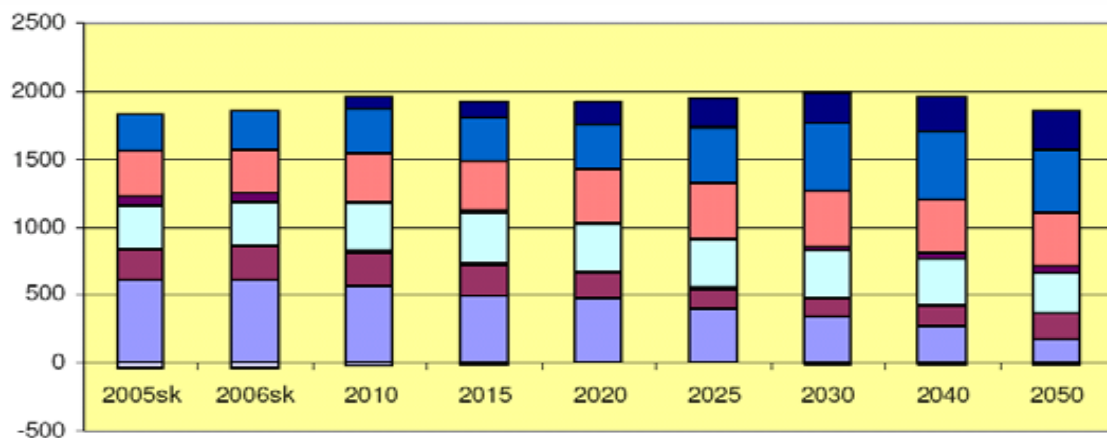
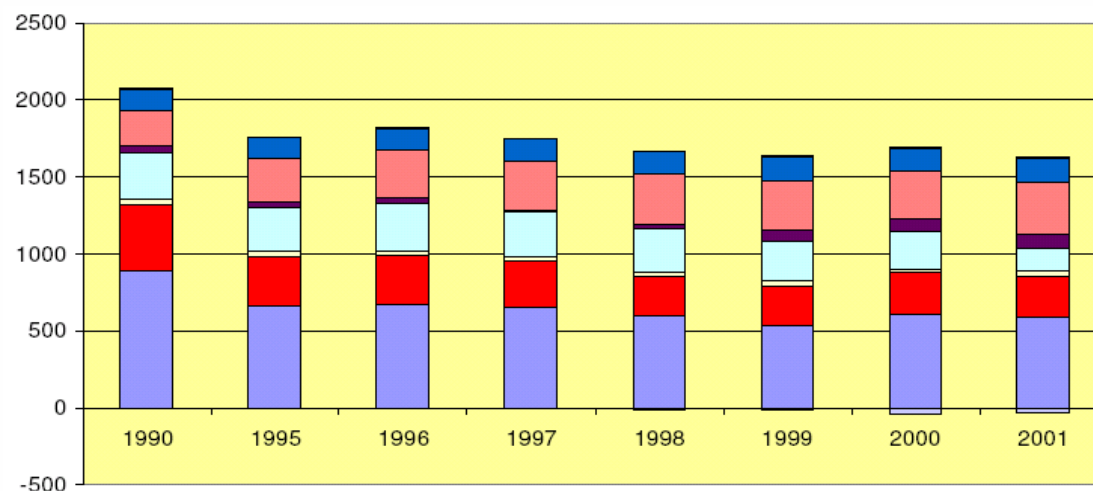
GDP & Domestic Material Consumption



Source: Charles University Environmental Centre, CSO



Domestic PES Consumption (PJ)



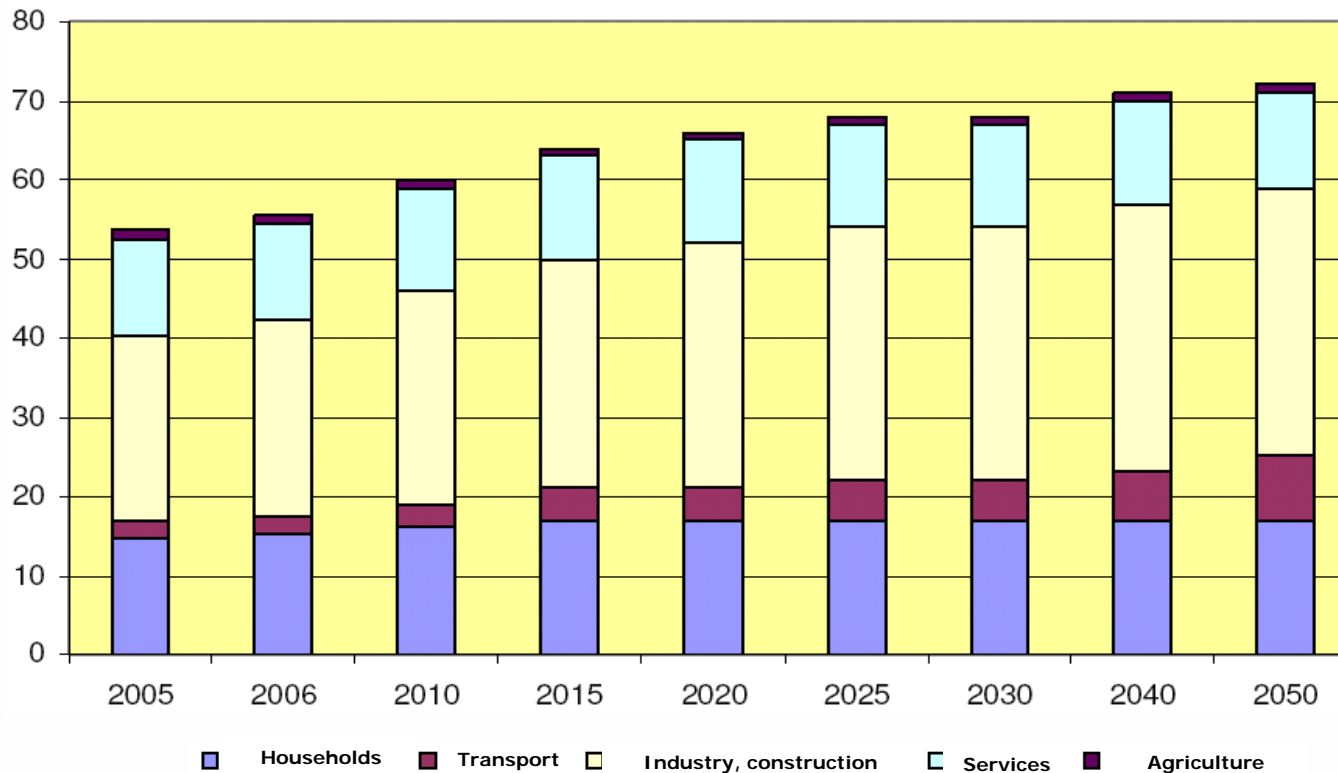
- Brown coal
- Black coal
- Other solid fuels
- Crude oil
- Fuels
- Gaseous fuels
- Nuclear fuel
- Electricity
- Renewable sources

Source: MTI



Consumption of Electricity (TWh)

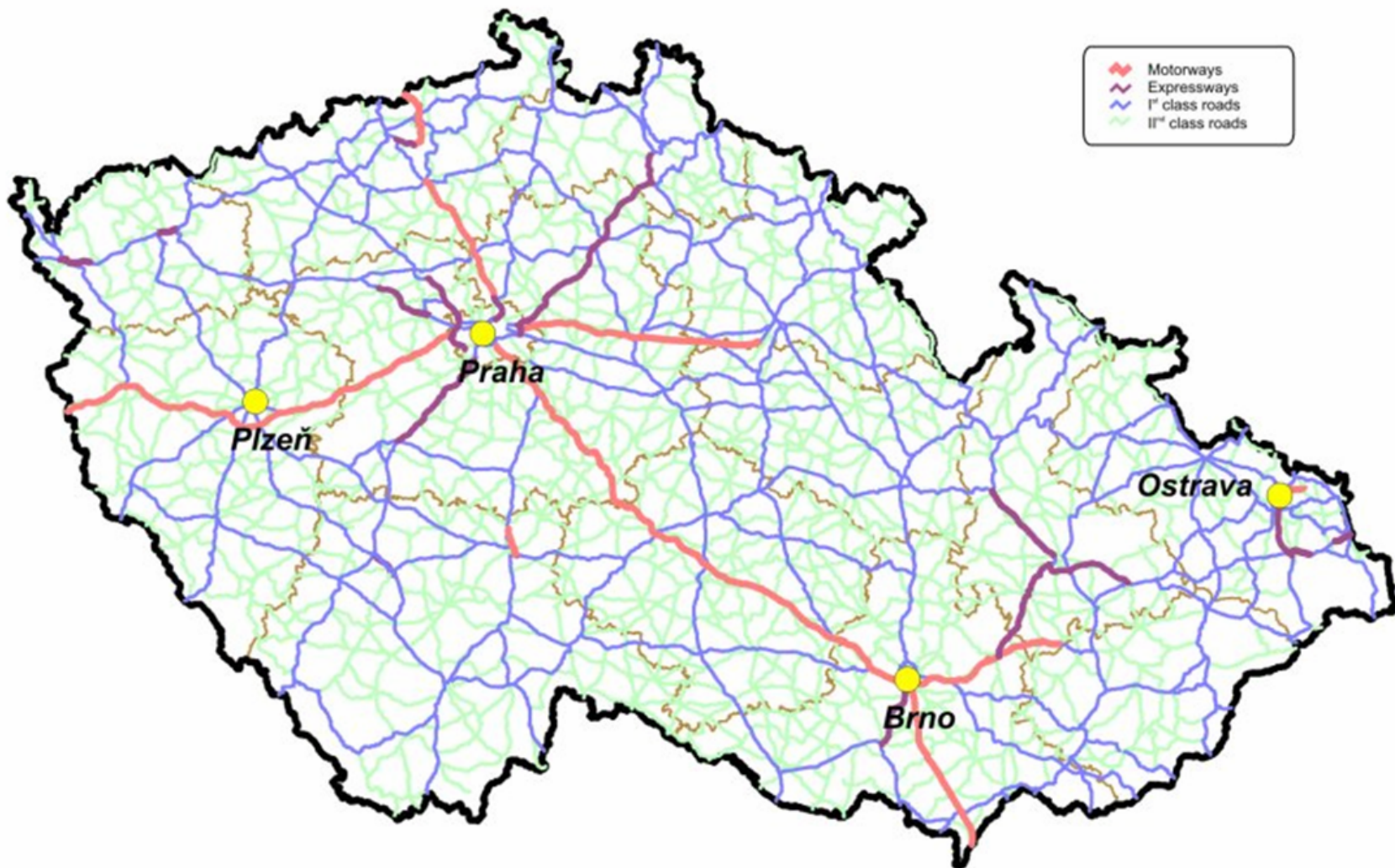
	1990	1995	1996	1997	1998	1999	2000	2001
PES (PJ)	2 076	1 749	1 823	1 745	1 659	1 621	1 656	1 726
Consumption of electricity - netto (GWh)	53 023	52 155	54 146	53 163	52 196	50 855	52 292	53 775



Source: MTI



Road Network



Source: MT

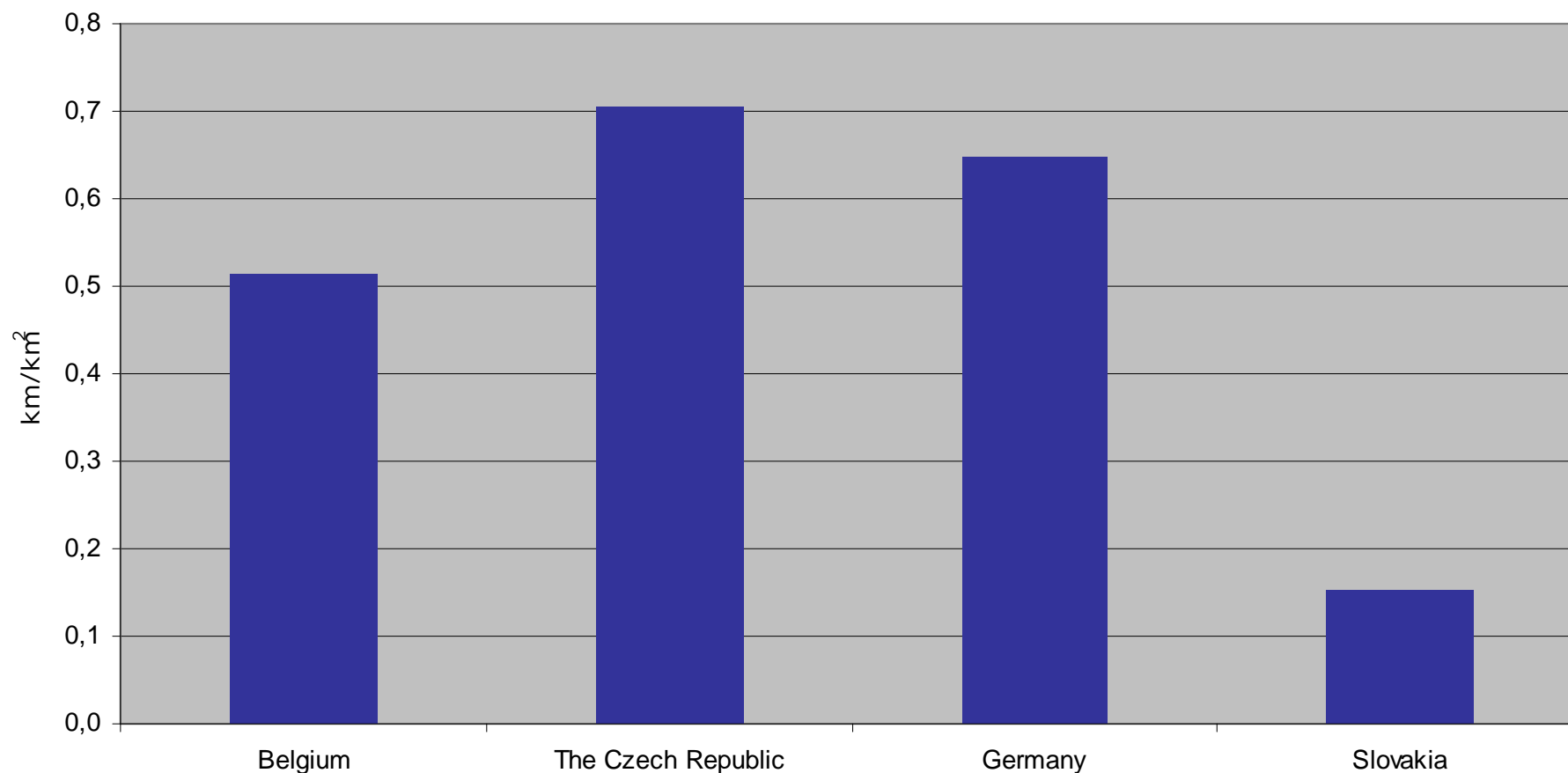
Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicka 65, 100 10 Prague 10
Czech Republic

www.mzp.cz



Road Transport Infrastructure (km) per Total Area of States (km²)



Source: Eurostat

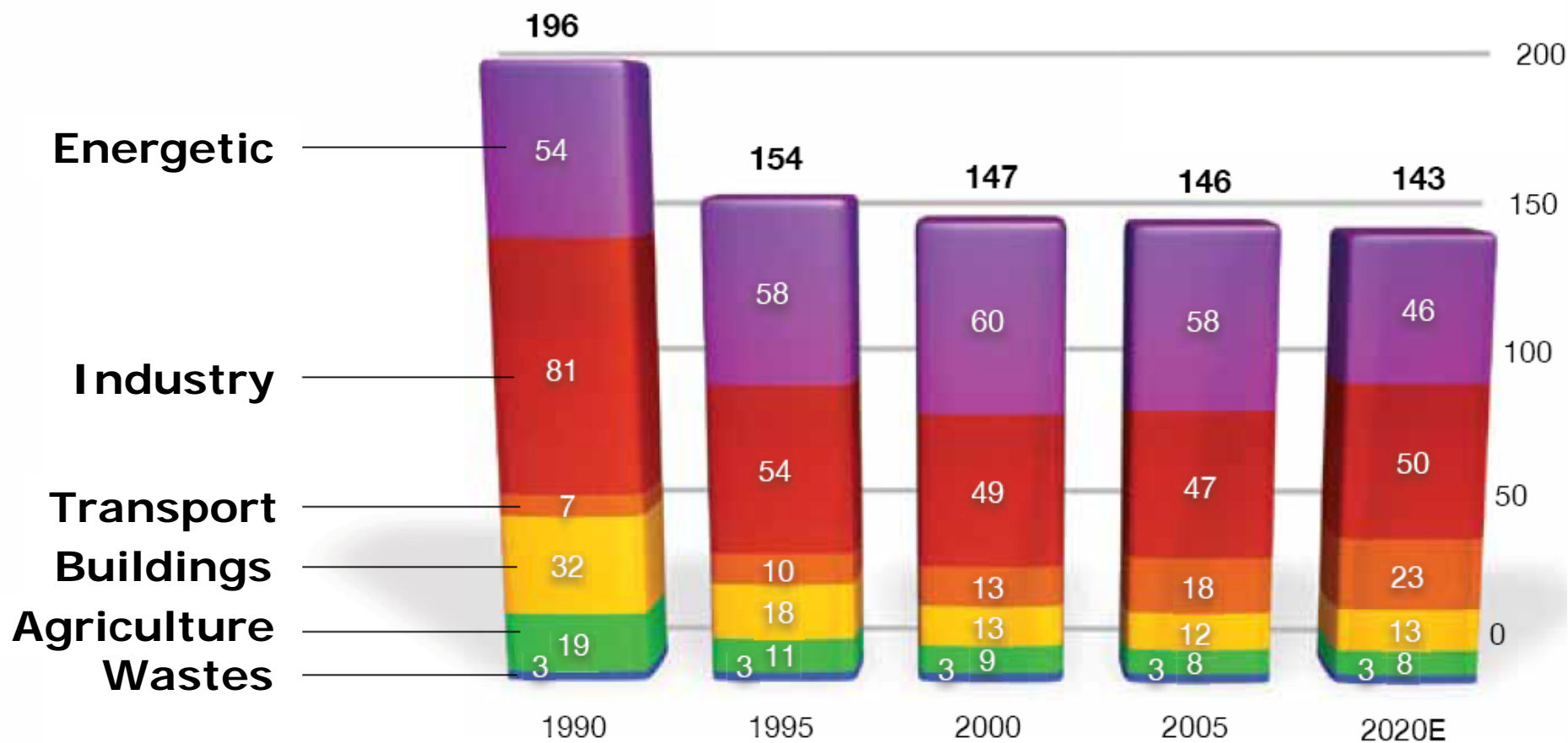
Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicke 65, 100 10 Prague 10
Czech Republic

www.mzp.cz



GHG Emissions (Mt CO₂ eq. per year)



Source: UNFCCC, NEK, MoE, MTI

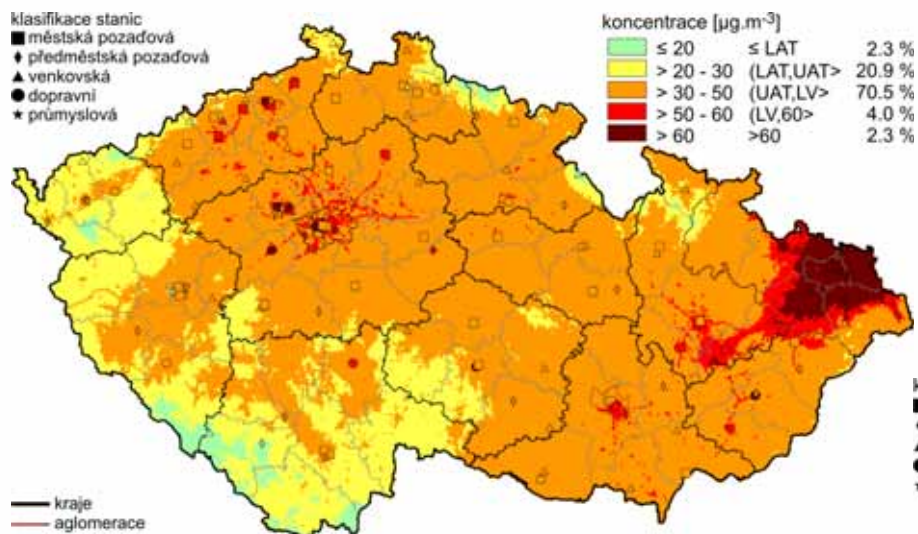
Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicke 65, 100 10 Prague 10
Czech Republic

www.mzp.cz

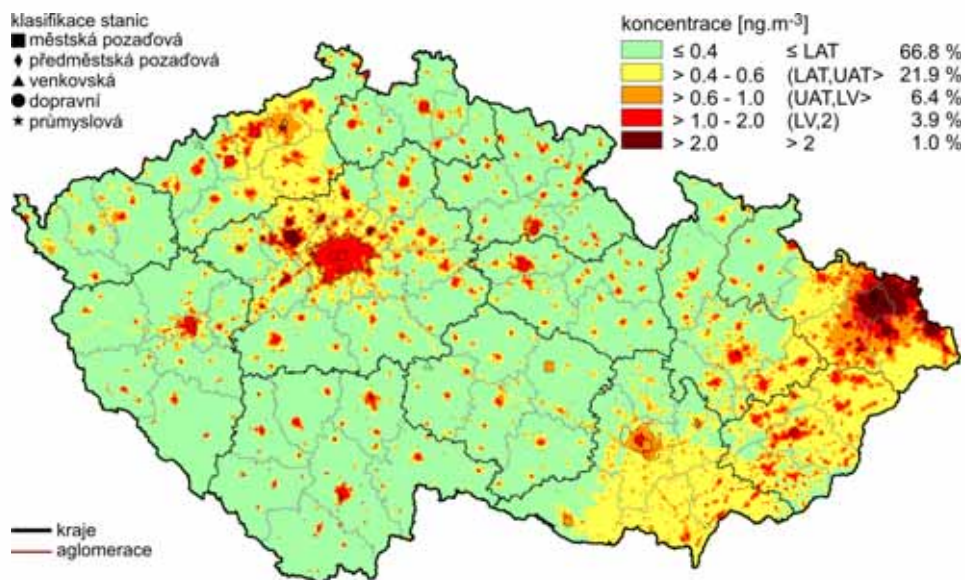


Air Pollution in the CR



← **PM10 Levels**
($\mu\text{g}/\text{m}^3$); 2007

B(a)P Levels
(ng/m^3); 2007 →



Source: CHMI



What is to be taken into account:

- Energy and material safety
- Safety of food production
- Modification of agriculture to sustainable management in country – new industrial branch and the source of energetic biomass



Criteria for selection of the new policy topics:

- Existing (current) trends
- “European” and international commitments by 2020
- Chosen measure solve more than one problem
- Solved problem is local and/or transboundary, resp. global one

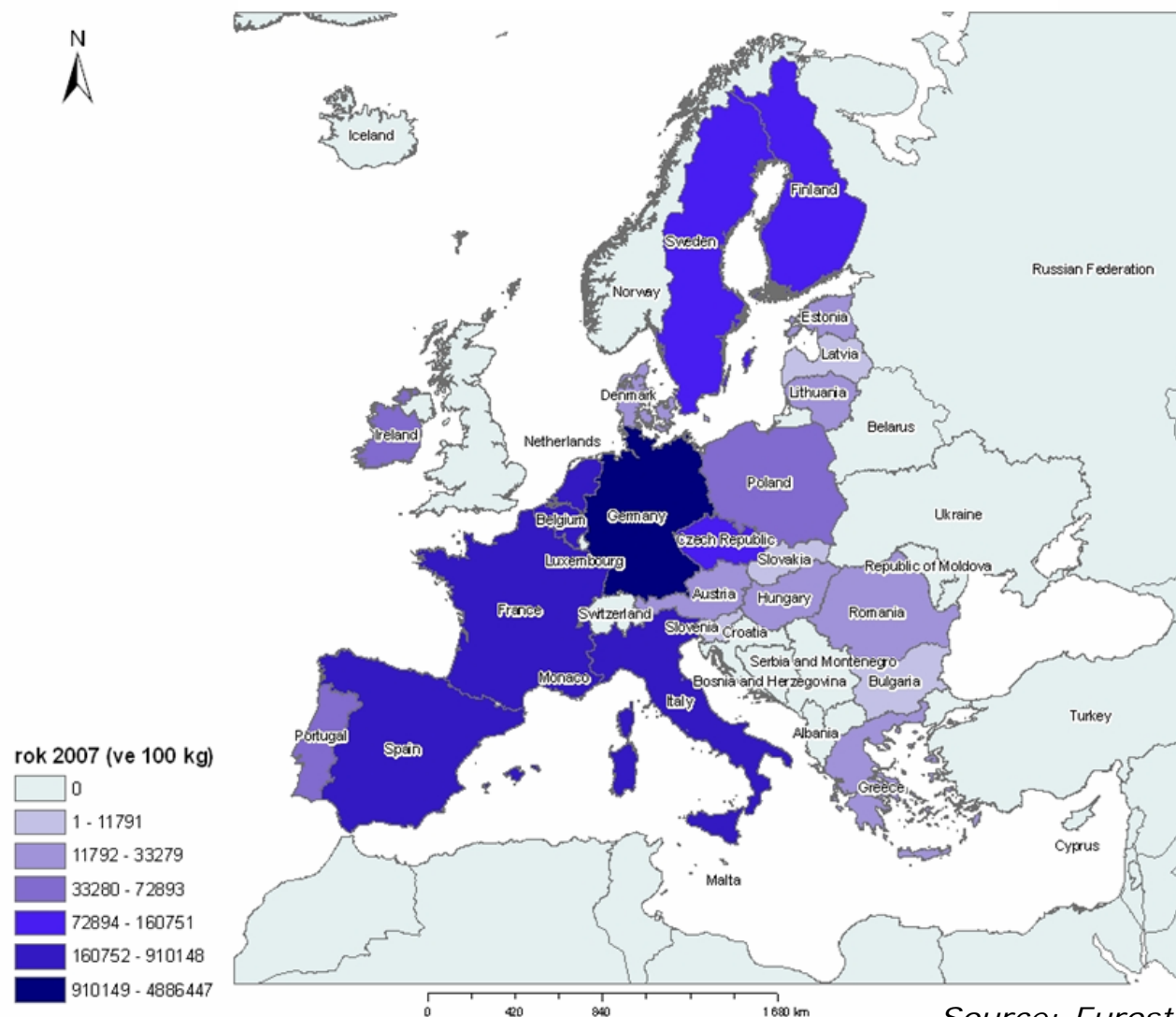


„European“ Commitments 2020

- EU ETS: - 21% against 2005
- GHG emission goal in non EU ETS sectors: + 9 %
- Energy efficiency: + 9 % by 2016
- Emission ceilings – given for 2010 – SO₂, NO_x, VOC, NH₃ - 2020?
- Concentration limit PM_{2.5}: 20 /ug/m³
- Landfill of biodegradable municipal waste: - 65 % against 1995



Export of Recycled Plastics to China





... both for people and nature

Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicka 65, 100 10 Prague 10
Czech Republic

www.mzp.cz



Thank you

Rut Bízková

rut.bizkova@mzp.cz

[**www.mzp.cz**](http://www.mzp.cz)

Ministry of the Environment
of the Czech Republic

Ministry of the Environment
Vrsovicke 65, 100 10 Prague 10
Czech Republic

www.mzp.cz

