



MINISTRY OF THE ENVIRONMENT
OF THE SLOVAK REPUBLIC

SLOVAKIA

MULTILATERAL ASSESSMENT

SBI 42, Bonn, June 5, 2015

NATIONAL CIRCUMSTANCES

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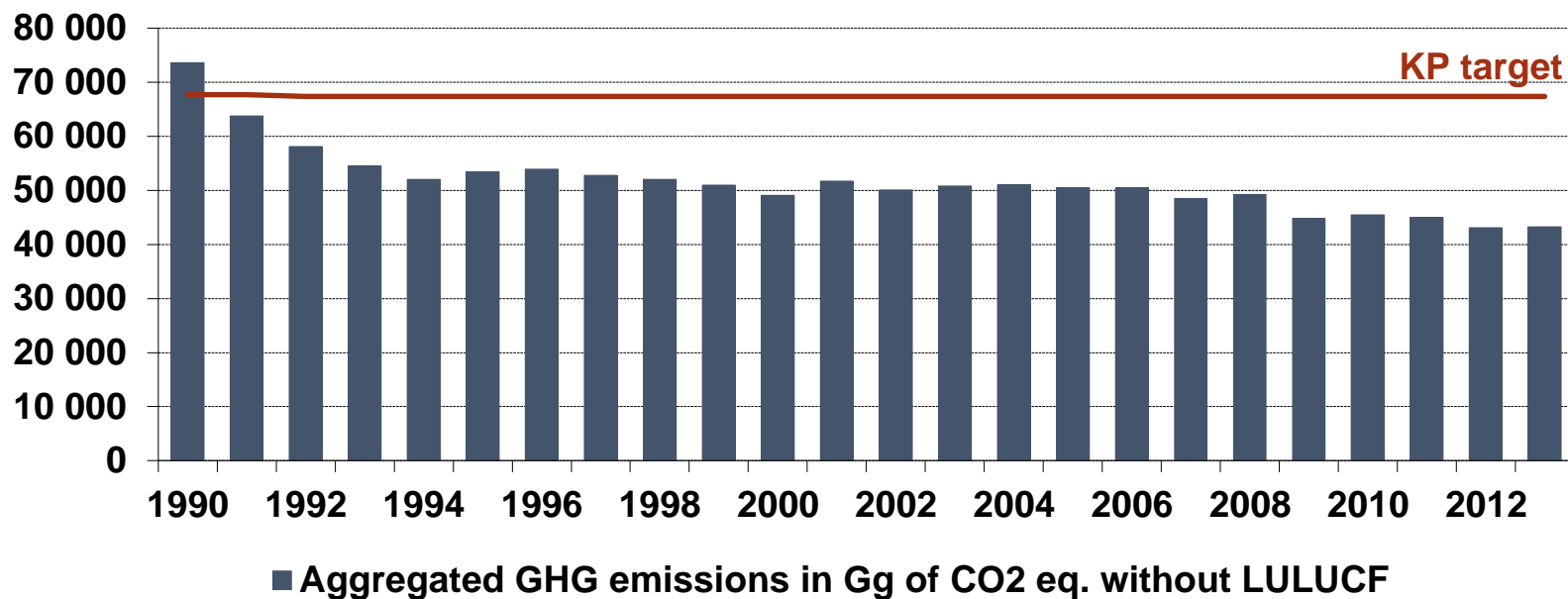
- Name: **The Slovak Republic**
- Established: **1 January 1993**
- Political system: **Parliamentary democracy**
- Area: **49 036 km²**
- Population: **5 410 836**
(as of 31 December 2012)
- Population density: **109/km²**
- Capital: **Bratislava**
- Neighbouring countries: **Czech Republic, Poland, Ukraine, Hungary, Austria**



GHG EMISSIONS TREND

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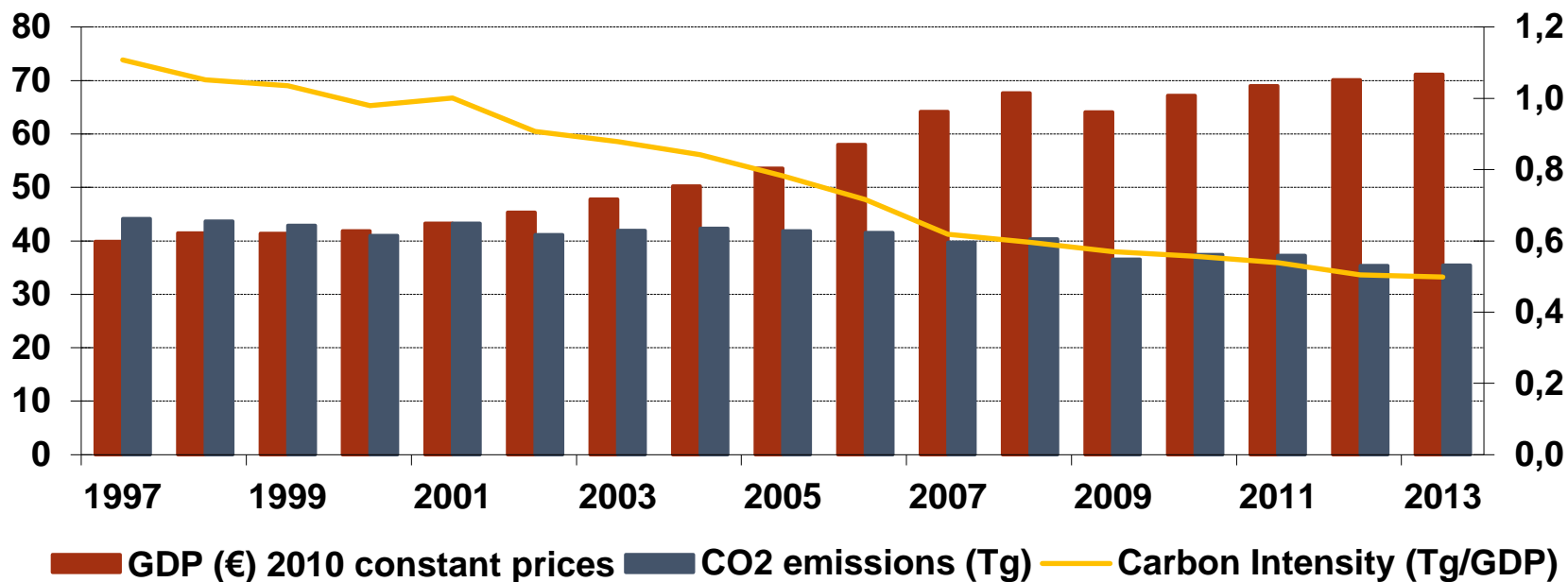
Total GHG emissions in 2012: -41.7 % below 1990 level (without LULUCF)



CO₂ EMISSION INTENSITY

4

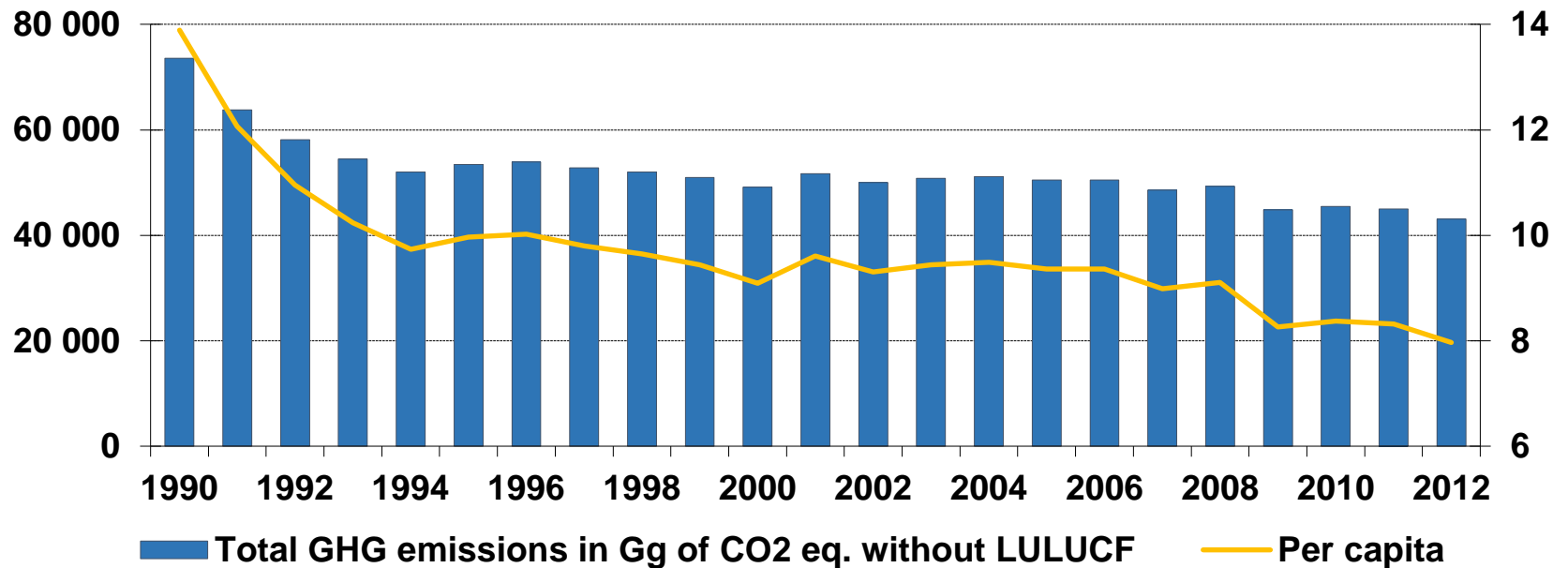
Decrease of emission intensity: -68 % (1990 – 2012) and -36 % (2005 – 2012)



GHG EMISSIONS per CAPITA

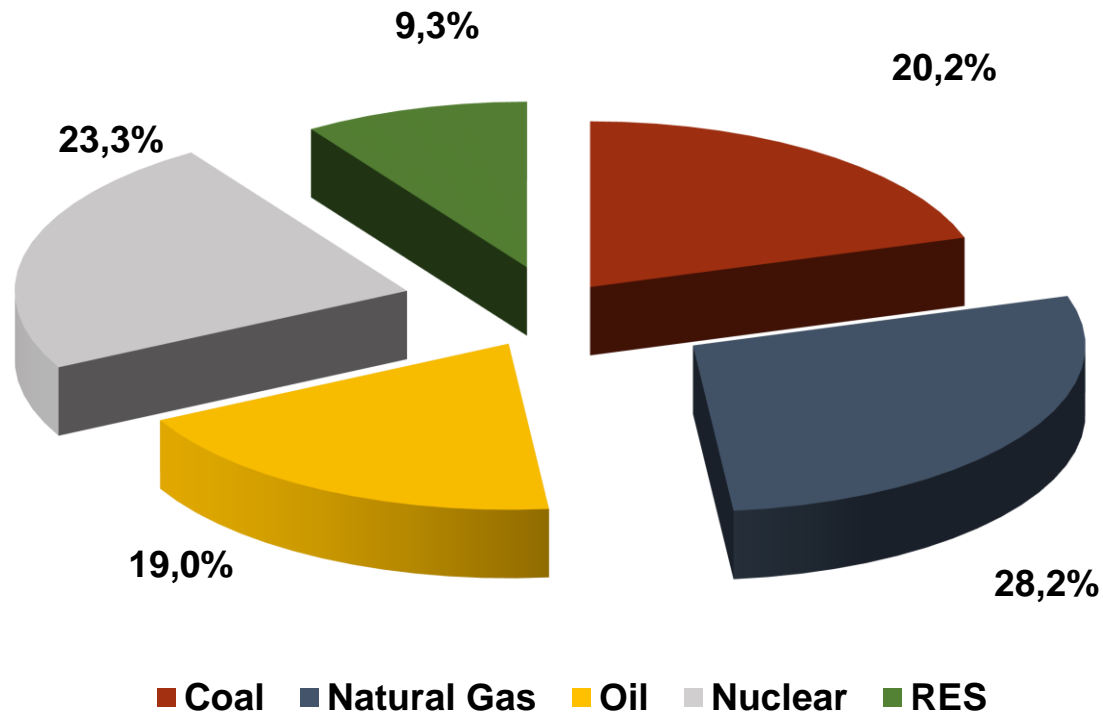
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Decrease of GHG emissions per capita: -43 % (1990 – 2012)



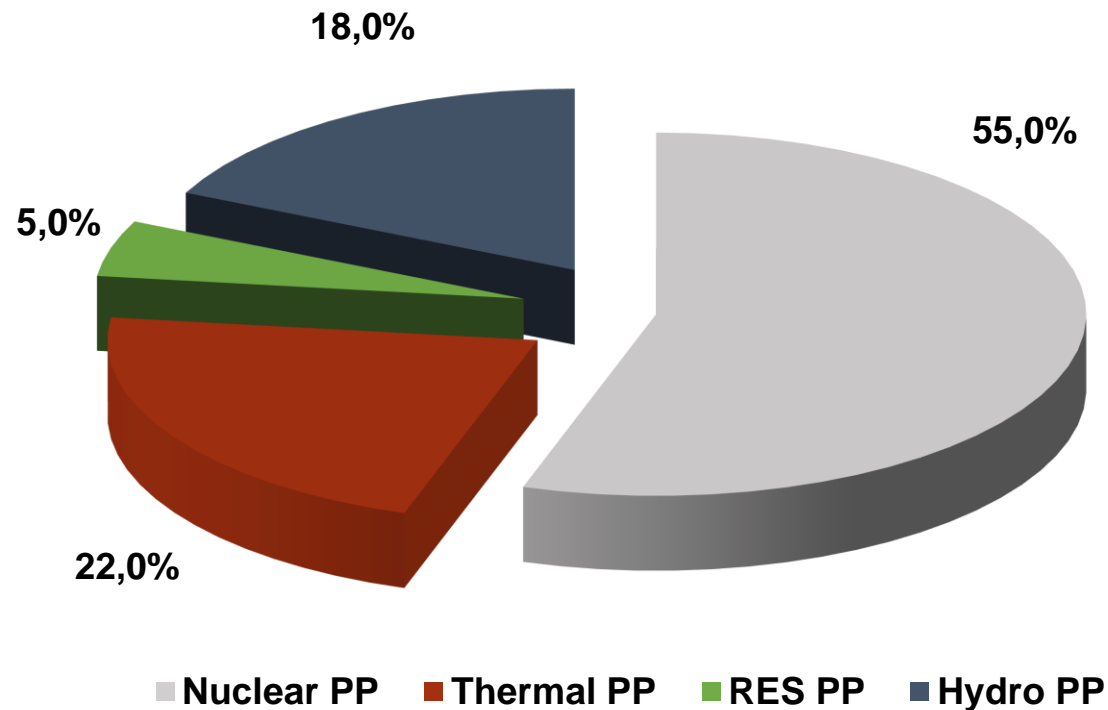
PRIMARY ENERGY SOURCES in 2013

6



ELECTRICITY PRODUCTION in 2013

7

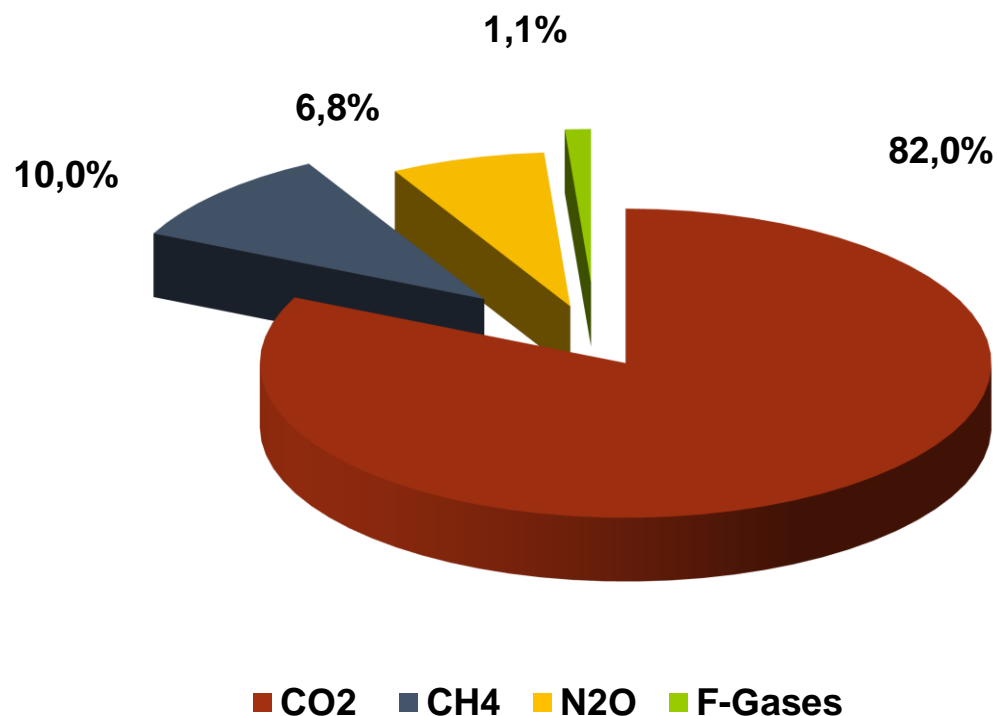


GHG EMISSIONS by GASES in 2012

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CO₂ has the highest share of the total GHG emissions

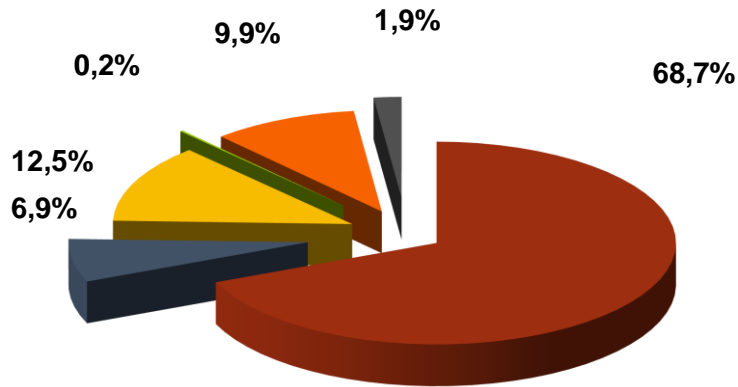
No significant changes in 2012 compared to the base year 1990



GHG EMISSIONS by SECTORS

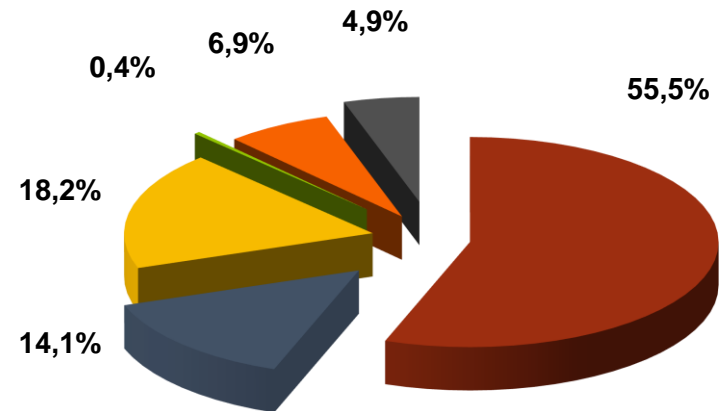
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1990



■ Energy
■ Industrial Processes
■ Agriculture
■ Transport
■ Solvents
■ Waste

2012



■ Energy
■ Industrial Processes
■ Agriculture
■ Transport
■ Solvents
■ Waste

POLICIES and MEASURES

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NATIONAL LEVEL

- **The National Reform Programme:**
 - To meet structural policy objectives of the EU 2020 Strategy
 - The Action Plan with targeted sectoral policies, including climate and energy policy
- **National Sustainable Development Strategy of the Slovak Republic**
 - The environmental part *National Environmental Strategy*

EU LEVEL

- **EU 2020 Strategy for Smart, Sustainable and Inclusive Growth**
- **Climate and Energy Package 2020**
Total EU GHG emissions:
-20 % (comp. 1990)
- **National targets:**
ETS emissions:
-21 % (comp. 2005)
Non-ETS emissions:
+13 % (comp. 2005)

POLICIES and MEASURES

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CROSS-SECTORAL PAMs

- **Energy Security Strategy**
- **EU Emissions Trading Scheme**
- **Effort Sharing Decision**
- **Carbon Capture and Storage**
- **Taxation of Energy Products and Electricity**
- **Act on Air Protection – National Emission Ceilings**

SECTORAL PAMs

- **Energy and Transport:**
Action Plan for Energy Efficiency 2011 – 2013
National Action Plan for Biomass Use
National Renewable Energy Action Plan
- **Buildings:** Concept of Energy Efficiency in Buildings in 2010 overlooking to 2020
- **Industry:** F-gases Decision, air conditioning in motor vehicles
- **Agriculture:** Common Agricultural Policy, Nitrate Directive
- **Waste:** Waste Act

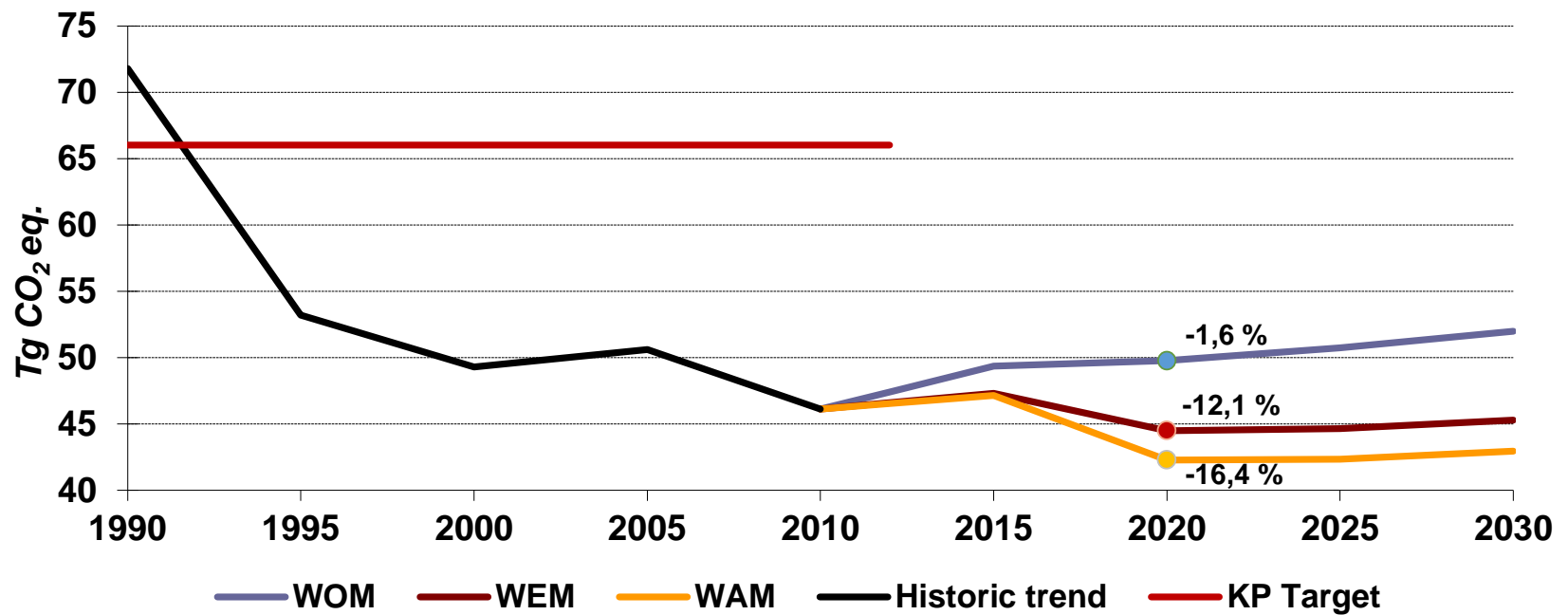
ASSUMPTIONS and CONDITIONS

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- **Reference year 2010** for GHG emissions projections
- **Scenarios:** WOM, WEM, WAM
- **Period up to 2030**
- **Gases covered:** CO₂, CH₄, N₂O, and F-gases
- **Sectors covered:**
 - Energy (including transport)
 - Industry (including F-gases)
 - Solvent and other products use
 - Agriculture
 - Waste
 - LULUCF
 - International transport

GHG EMISSIONS PROJECTIONS

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REDUCTION GOALS for 2030

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- The EU and its Member States are committed to **a binding target of an at least 40 % domestic reduction** in greenhouse gases emissions by 2030 compared to 1990:
 - **ETS 2030 target: -43 %** compared to 2005
 - **Non ETS 2030 target: -30 %** compared to 2005

FURTHER INFORMATION

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- **The Sixth National Communication of the Slovak Republic**
[http://unfccc.int/files/national_reports/annex_i_natcom/submitted_natcom/application/pdf/svk_6nc_2013\[1\].pdf](http://unfccc.int/files/national_reports/annex_i_natcom/submitted_natcom/application/pdf/svk_6nc_2013[1].pdf)
- **The First Biennial Report of the Slovak Republic**
http://unfccc.int/files/national_reports/biennial_reports_and_iar/submitted_biennial_reports/application/pdf/svk_br1_2013.pdf
- **The National Inventory System of the Slovak Republic for the Greenhouse Gases:** <http://ghg-inventory.shmu.sk/>
- **Action Plan for Energy Efficiency 2011-2013:** <https://www.siea.sk/>
- **National Action Plan for Biomass Use:** www.mpsr.sk/download.php?fID=1711
- **National Renewable Energy Action Plan:** www.economy.gov.sk
- **National Adaptation Strategy:** <http://www.minzp.sk/sekcie/temy-oblasti/ovzdušie/politika-zmeny-klimy/aktualne-temy/adaptacia.html>

Thank you for your attention