



MINISTRY  
OF ENVIRONMENT  
OF THE SLOVAK REPUBLIC

# SLOVAKIA

# MULTILATERAL ASSESSMENT

COP22, Marrakech, November 14, 2016

# NATIONAL CIRCUMSTANCES

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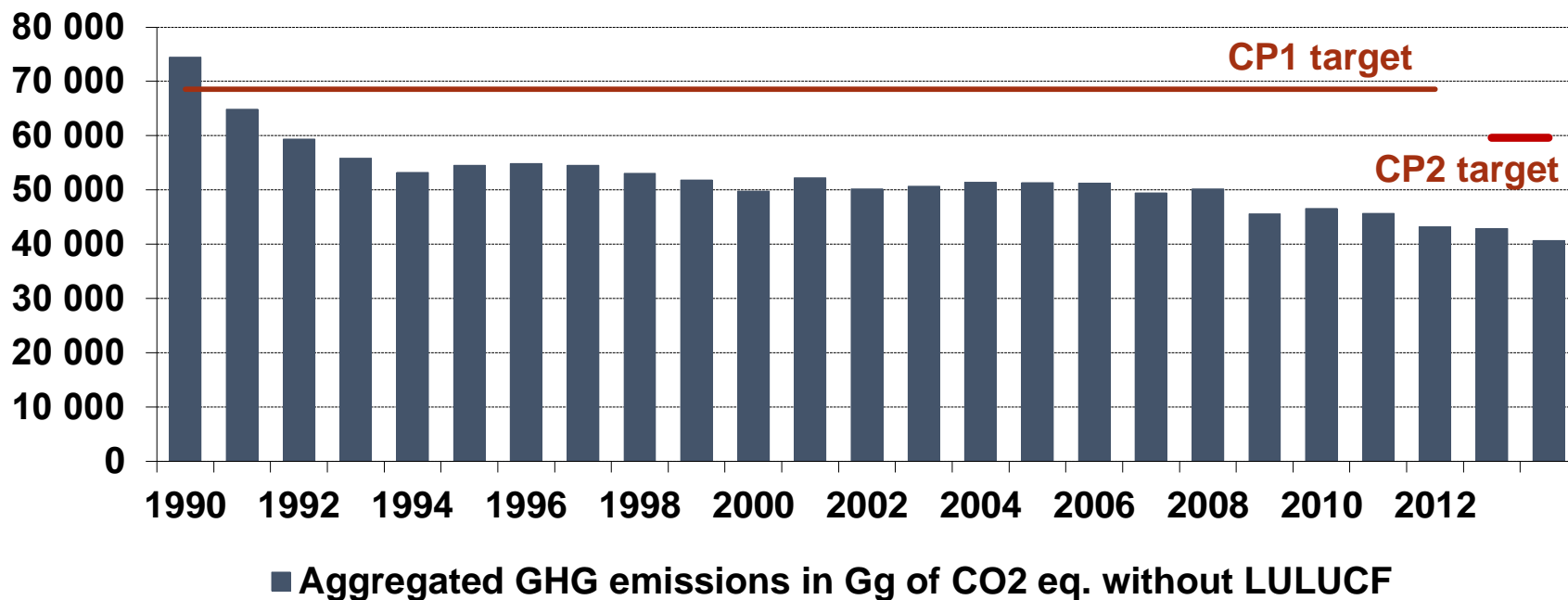
- Name: **The Slovak Republic**
- Established: **1 January 1993**
- Political system: **Parliamentary democracy**
- Area: **49 036 km<sup>2</sup>**
- Population: **5 426 252**  
(as of 31 December 2015)
- Population density: **111p/km<sup>2</sup>**
- Capital: **Bratislava**
- Neighbouring countries: **Czech Republic, Poland, Ukraine, Hungary, Austria**



# GHG EMISSIONS TREND

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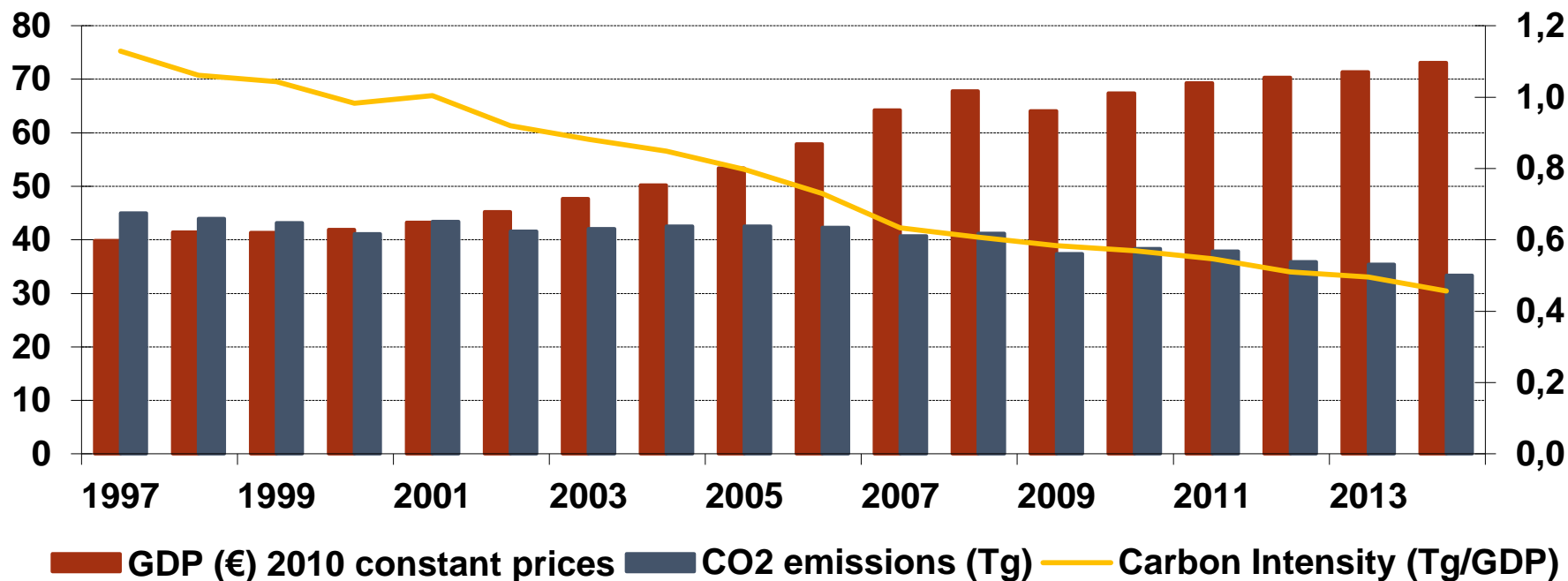
Total GHG emissions in 2014: -45.4 % below 1990 level (without LULUCF)



# CO<sub>2</sub> EMISSION INTENSITY

4

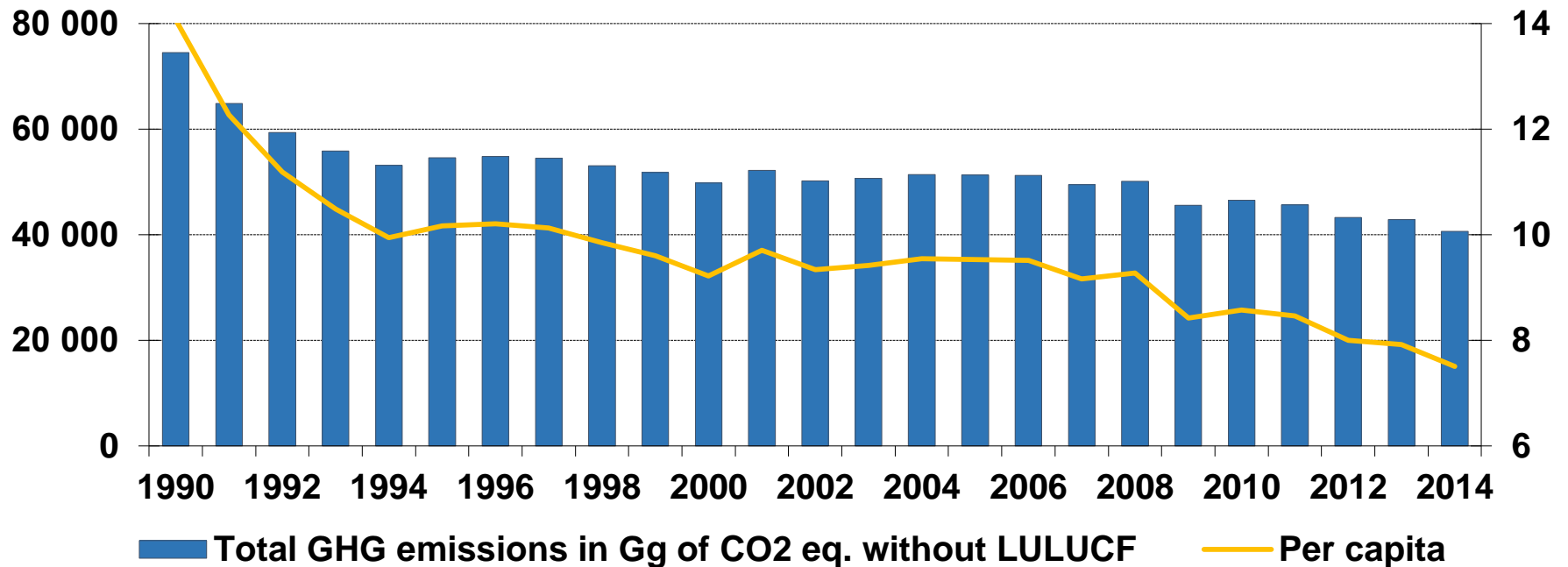
Decrease of emission intensity: -68 % (1990 – 2014) and -43 % (2005 – 2014)



# GHG EMISSIONS per CAPITA

5

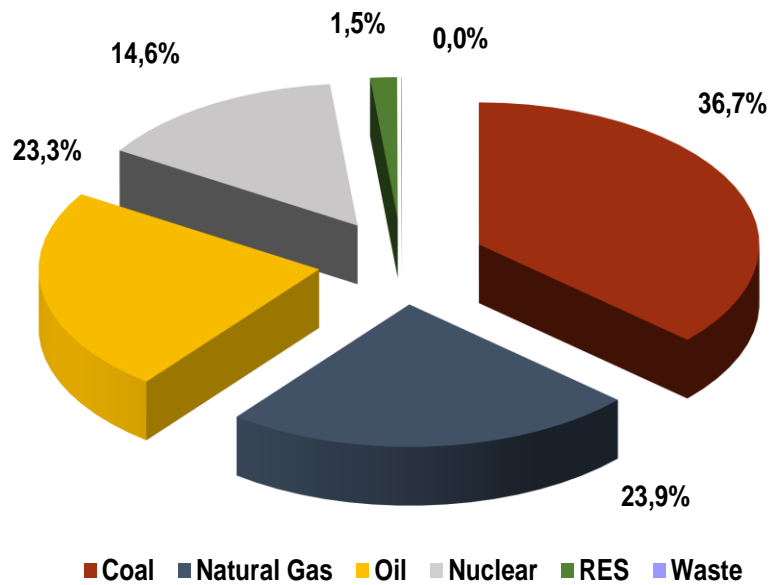
Decrease of GHG emissions per capita: -47 % (1990 – 2014)



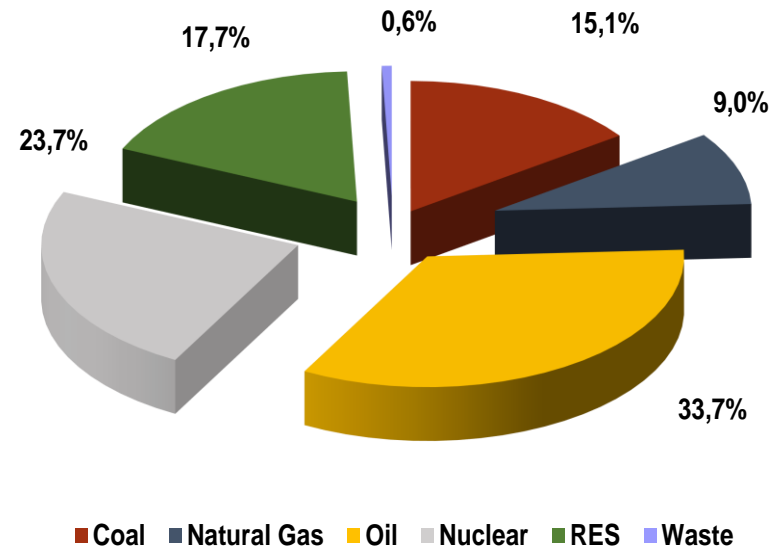
# GROSS INLAND CONSUMPTION

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1990

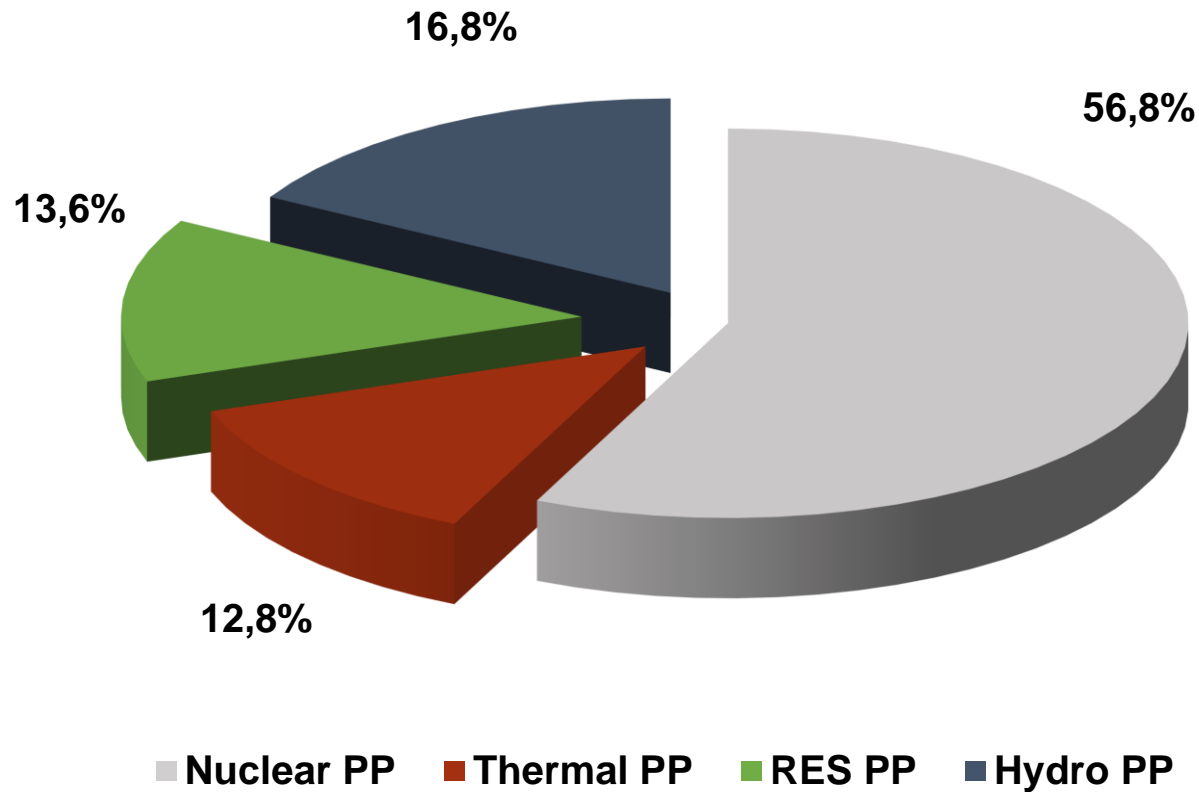


2014



# ELECTRICITY PRODUCTION in 2014

7

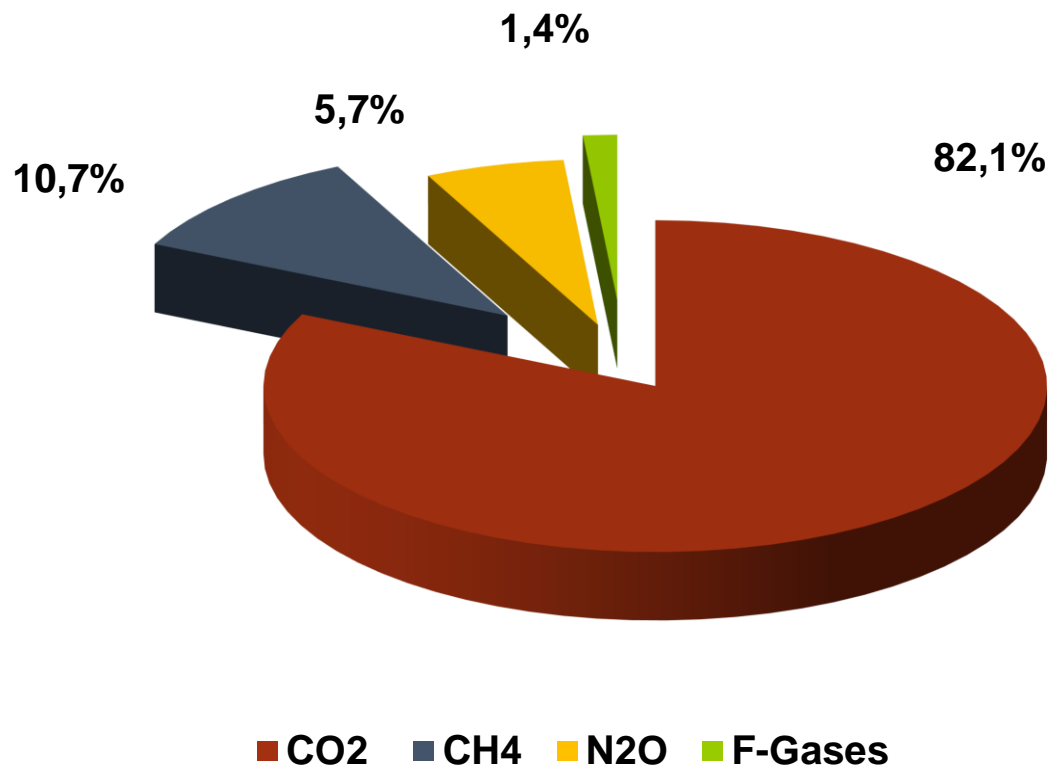


# GHG EMISSIONS by GASES in 2014

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**CO<sub>2</sub> has the highest share of the total GHG emissions**

**No significant changes in 2014 compared to the base year 1990**

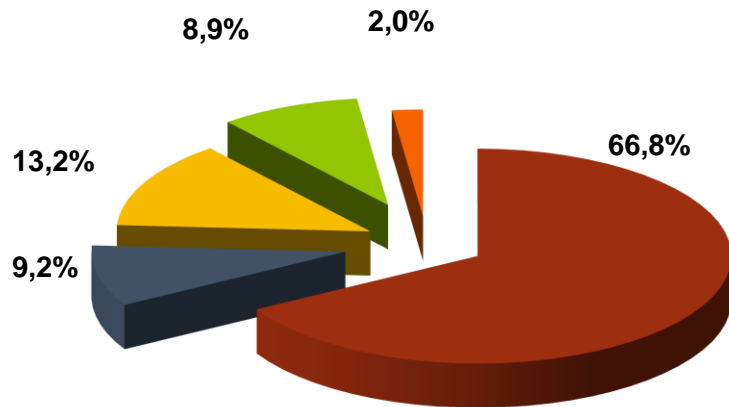




# GHG EMISSIONS by SECTORS

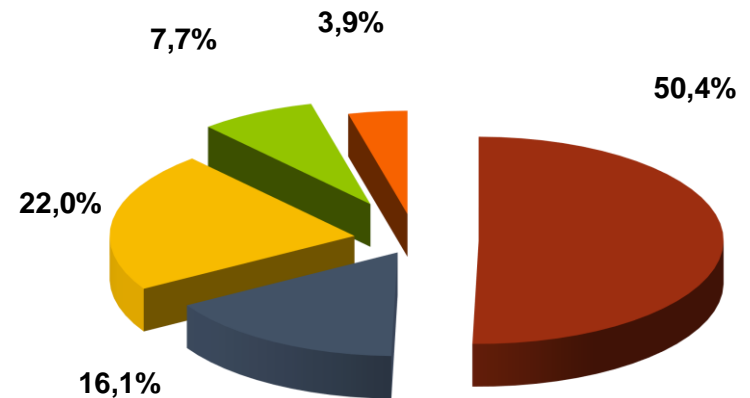
9

1990



■ Energy  
■ Industrial Processes  
■ Waste  
■ Transport  
■ Agriculture

2014



■ Energy  
■ Industrial Processes  
■ Waste  
■ Transport  
■ Agriculture

# POLICIES and MEASURES

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## 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)**

## 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***

# POLICIES and MEASURES

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## NATIONAL SYSTEM ON POLICIES & MEASURES

### CROSS-SECTORAL PAMs

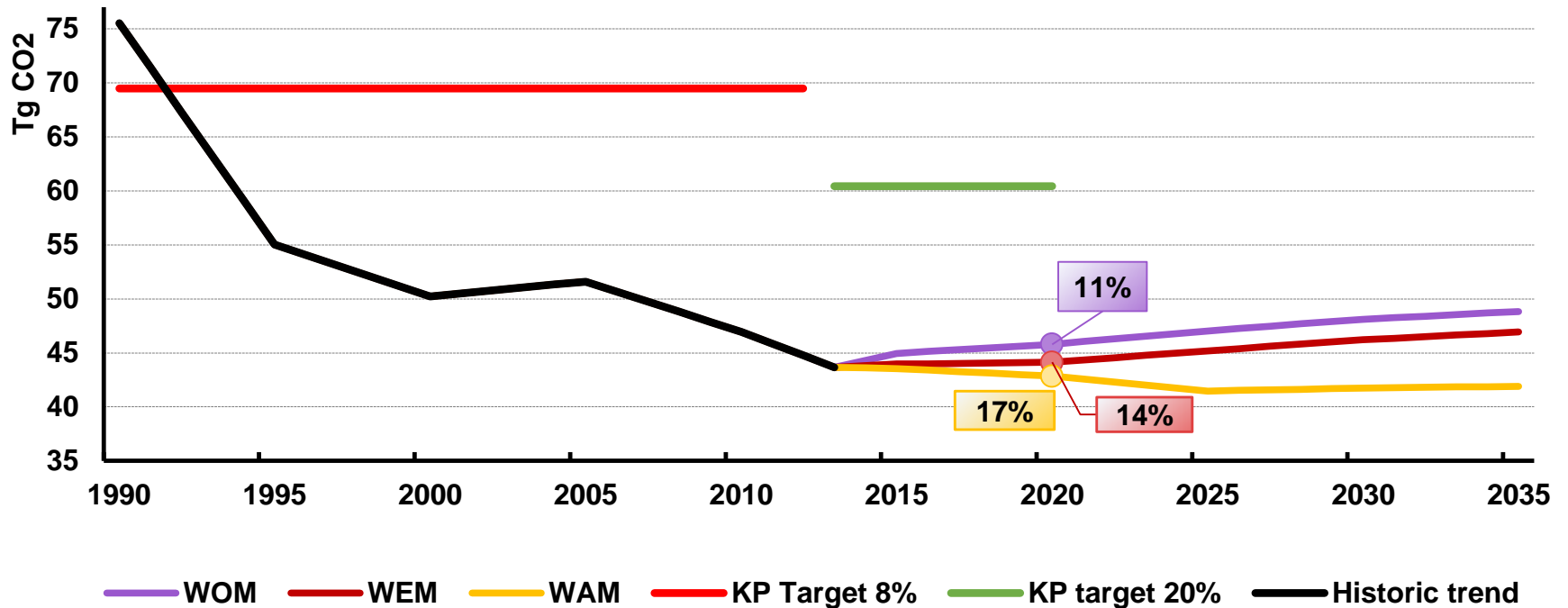
- **Energy Security Strategy**
- **EU Emissions Trading Scheme**
- **Effort Sharing Decision**
- **Taxation of Energy Products and Electricity**
- **Act on Air Protection – National Emission Ceilings**

### SECTORAL PAMs

- **Energy and Transport:**  
Action Plan for Energy Efficiency 2014 – 2016, overlooking to 2020
- National Action Plan for Biomass Use  
National Renewable Energy Action Plan
- **Industry:** F-gases Regulation, MAC  
Directive for air conditioning in PC
- **Agriculture:** The Rural Development Programme, Common Agricultural Policy (manure management and soil management), Nitrate Directive
- **Waste:** Waste Act, Waste Management Plan

# GHG EMISSIONS PROJECTIONS

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# ASSUMPTIONS and CONDITIONS

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- **Reference year 2013** for GHG emissions projections
- **Scenarios:** WOM, WEM, WAM
- **Period up to 2035**
- **Gases covered:** CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, and F-gases
- **Sectors covered:**
  - Energy (including transport)
  - Industry (including F-gases & Product Use)
  - Agriculture
  - Waste
  - LULUCF
  - International transport

# 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 Second Biennial Report of the Slovak Republic**  
[http://unfccc.int/files/national\\_reports/biennial\\_reports\\_and\\_iar/submitted\\_biennial\\_reports/application/pdf/svk\\_2br\\_18-12-2015.pdf](http://unfccc.int/files/national_reports/biennial_reports_and_iar/submitted_biennial_reports/application/pdf/svk_2br_18-12-2015.pdf)
- **The National Inventory System of the Slovak Republic for the Greenhouse Gases:** <http://ghg-inventory.shmu.sk/>
- **Action Plan for Energy Efficiency 2014-2016:** <https://www.siea.sk/>
- **National Action Plan for Biomass Use:** [www.mpsr.sk/download.php?fID=1711](http://www.mpsr.sk/download.php?fID=1711)
- **National Renewable Energy Action Plan:** [www.economy.gov.sk](http://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

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