



SLOVAKIA

MULTILATERAL ASSESSMENT

COP24, Katowice, December 7, 2018

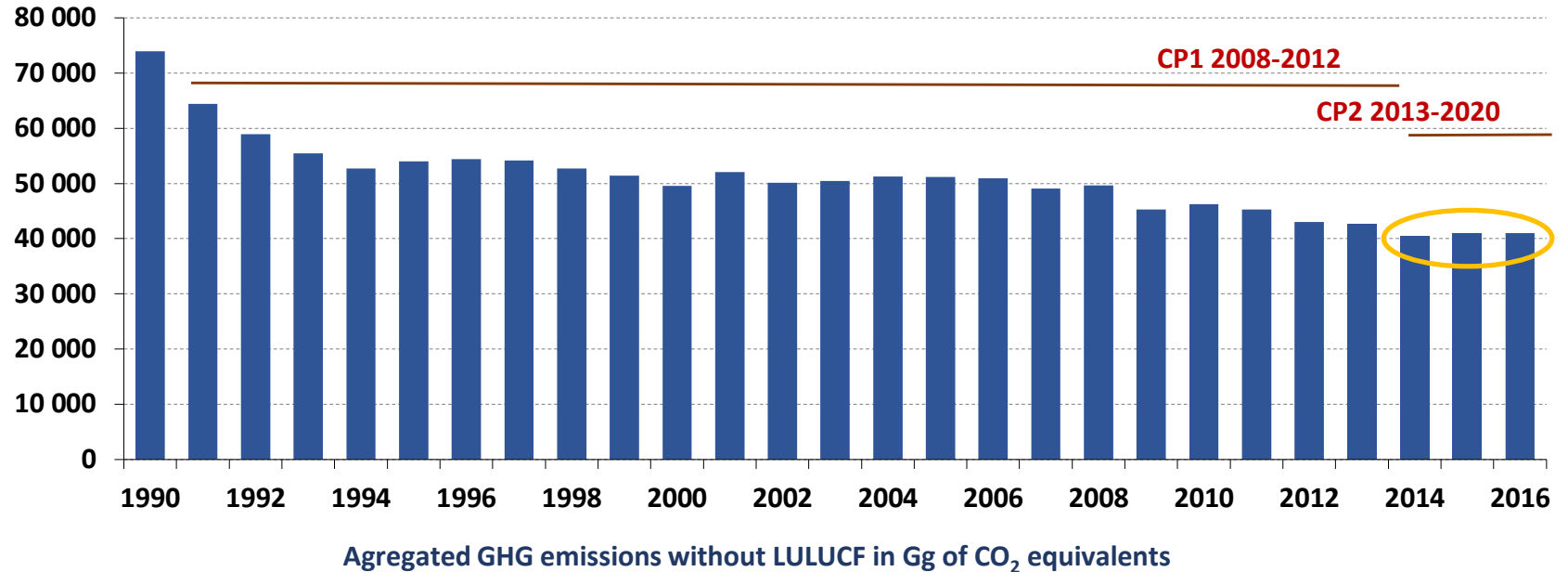
NATIONAL CIRCUMSTANCES

- Name: **The Slovak Republic**
- Established: **1 January 1993**
- Political system: **Parliamentary democracy**
- Area: **49 036 km²**
- Population: **5 445 087**
(as of 30 June 2018)
- Population density: **111 p/km²**
- Capital: **Bratislava**
- Neighbouring countries: **Czech Republic, Poland, Ukraine, Hungary, Austria**



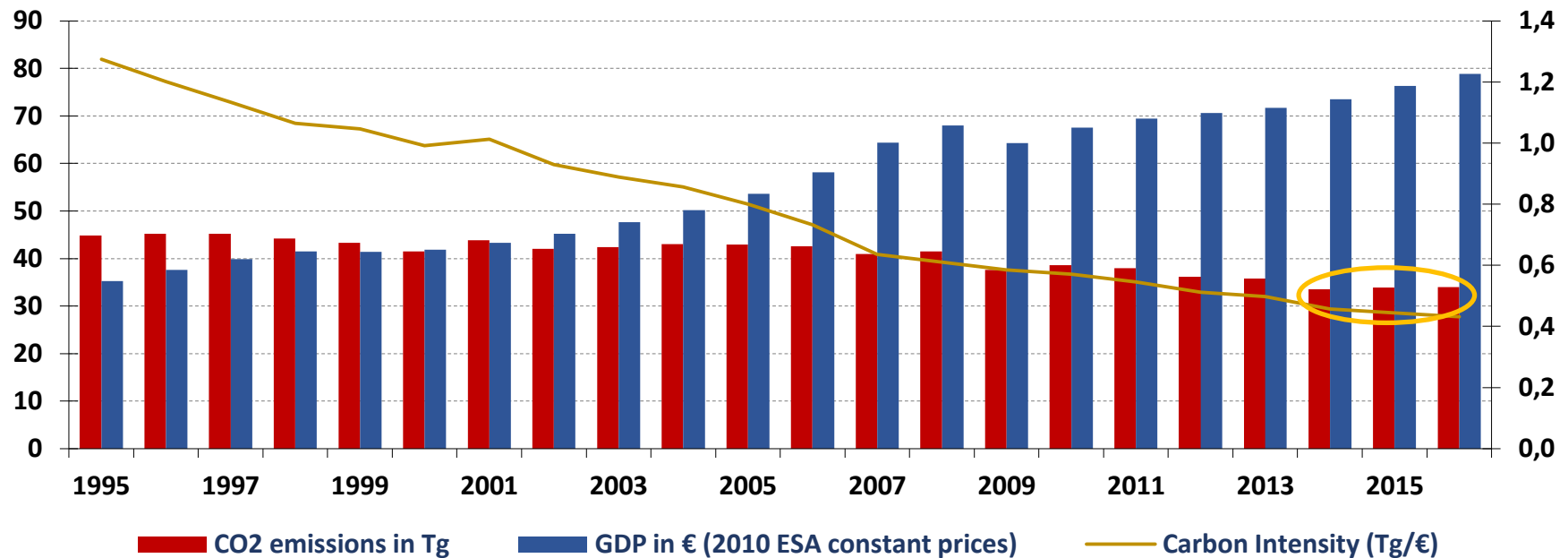
GHG EMISSIONS TREND

TOTAL GHG EMISSIONS IN 2016: -44.5% BELOW 1990 LEVEL (WITHOUT LULUCF)



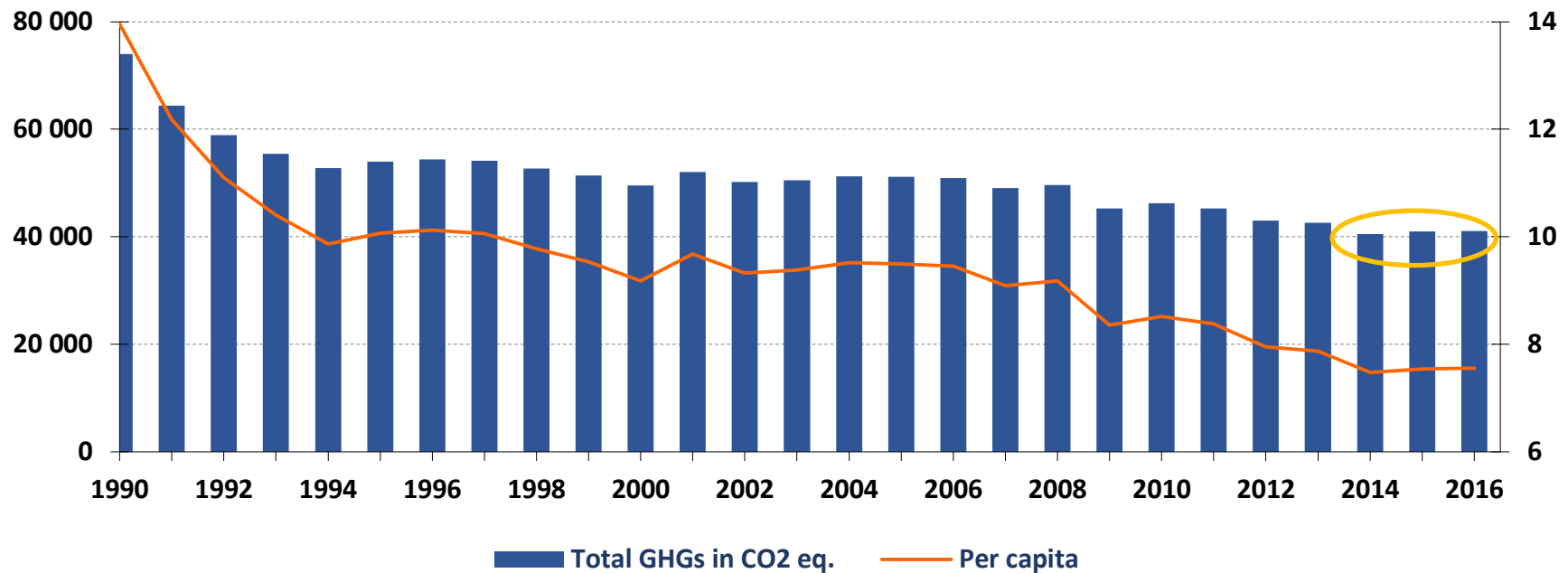
CO₂ EMISSION INTENSITY

DECREASE OF EMISSION INTENSITY: -66% (1995 – 2016) AND -46% (2005 – 2016)



GHG EMISSIONS per CAPITA

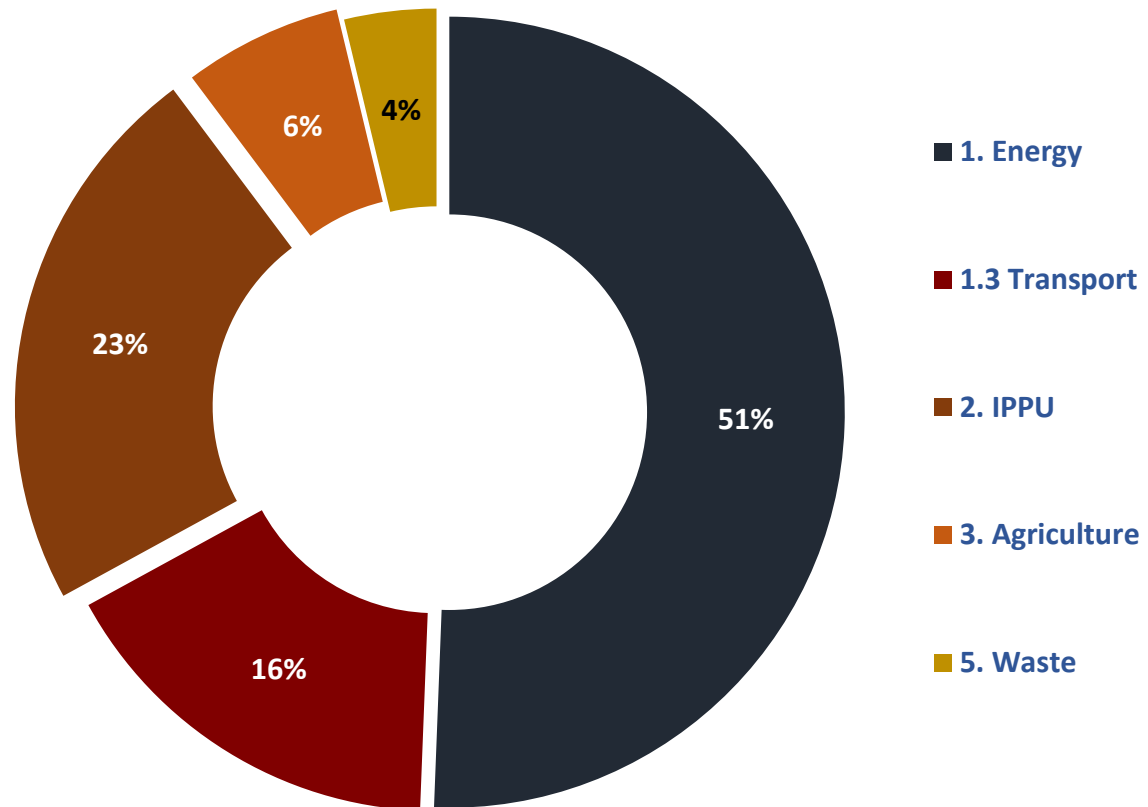
DECREASE OF GHG EMISSIONS PER CAPITA: -46% (1990 – 2016)



GHG EMISSIONS by SECTORS in 2016

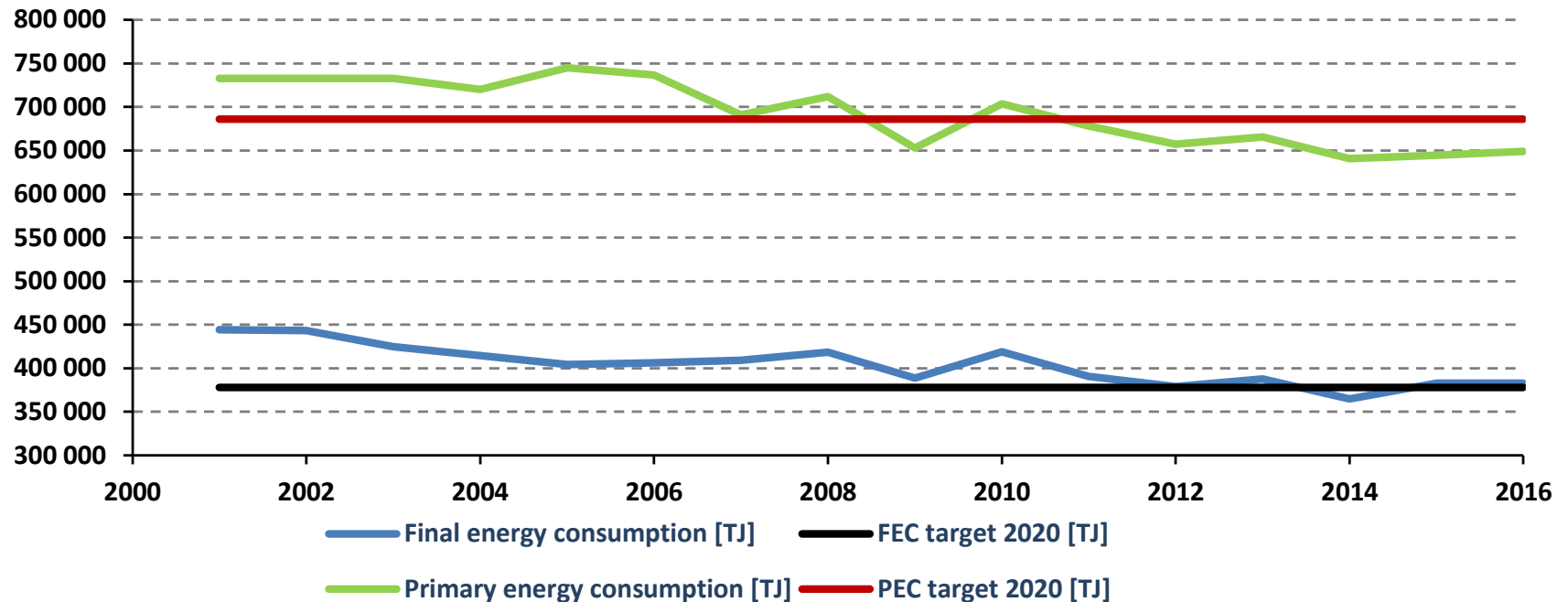
Energy has the highest share on total emissions.

Increasing share of transport on total emissions, decreasing share of energy industry compared to the base year 1990



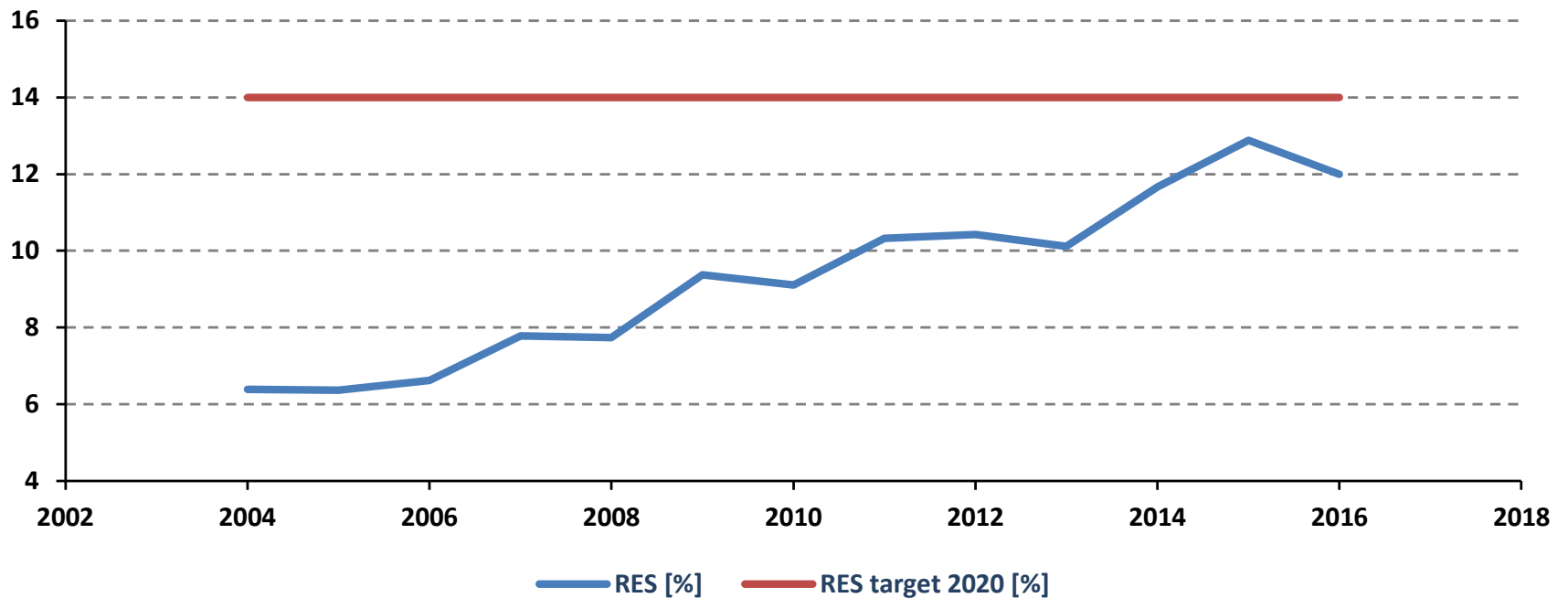
ENERGY EFFICIENCY

ENERGY EFFICIENCY TARGETS FOR SLOVAKIA RELATIVE TO DEVELOPMENTS INFECT AND PEC IN 2001 - 2016 (TJ PER YEAR)



RENEWABLE ENERGY SOURCES

SHARE OF ENERGY FROM RENEWABLE SOURCES
(IN % OF GROSS FINAL ENERGY CONSUMPTION)

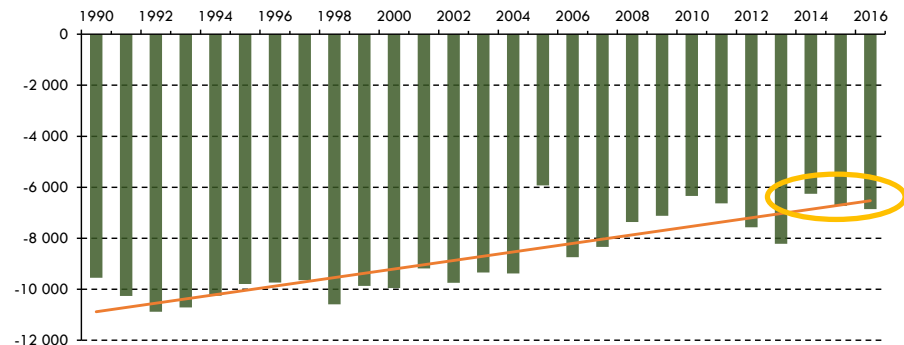


2020 TARGET = 20% REDUCTION

- **ESD** = non-ETS sectors such as buildings, transport and agriculture
- Not exceed **+13%** compared to 2005
- **In 2016** -24% comp. to 2005 = **-36%** below target 2020

- **ETS** = energy intensive installations in power generation and manufacturing industry sectors and civil aviation
- The third phase of the EU ETS (2013 – 2020)
- In 2016 **-16%** comp. to 2005
- A limited number of CERs and ERUs may be used to achieve the target, although it is likely that such credits will represent efforts beyond the target

- **LULUCF** is not included in the UNFCCC target, but our sinks increased in last 3 years
- The EU 2020 pledge under the UNFCCC does not include the LULUCF, whereas this is a part of **accounting** under the Kyoto Protocol and the EU internal legislation



- **BUNKERS** – share of aviation and navigation was **0,47%** on total GHG emissions in 2016

POLICIES and MEASURES

EU LEVEL

- ❑ Europe 2020: A Strategy for Smart, Sustainable and Inclusive Growth
- ❑ Climate and Energy Package 2020
Total EU GHG emissions: *-20 % (comp. 1990)*
- ❑ Climate and Energy Framework 2030
Total EU GHG emissions: *-40 % (comp. 1990)*
- ❑ National targets 2020:
ETS emissions: *-21 % (comp. 2005)*
Non-ETS emissions: *+13 % (comp. 2005)*
- ❑ National targets 2030:
ETS emissions: *-43 % (comp. 2005)*
Non-ETS emissions: *-12 % (comp. 2005)*

NATIONAL LEVEL

- ❑ The National Reform Programme
- ❑ National Sustainable Development Strategy of the Slovak Republic
- ❑ National Environmental Strategy 2030 (new)
- ❑ Strategy for the Adaptation of Slovak Republic to Impacts of Climate Change (update)
- ❑ Long-term Low-carbon Strategy 2030/2050 (under preparation)

POLICIES and MEASURES

NATIONAL SYSTEM ON POLICIES AND MEASURES

CROSS-SECTORAL PAMs

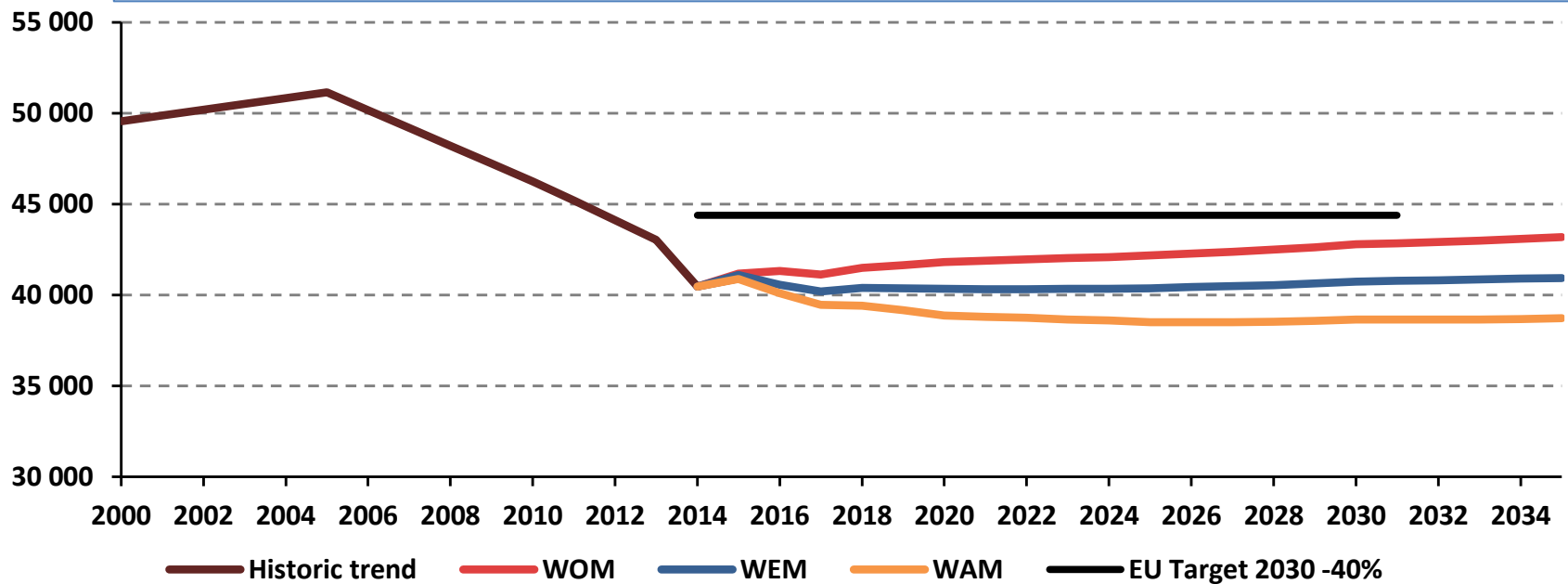
- ❑ Energy Security Strategy
- ❑ EU Emissions Trading System
- ❑ Effort Sharing Decision
- ❑ Biofuels policy
- ❑ Taxation of Energy Products and Electricity
- ❑ Carbon Capture and Storage
- ❑ National Emission Ceilings

SECTORAL PAMs

- ❑ **Energy and Transport:** Energy Efficiency Action Plan 2017-2019 with an Outlook up to 2020
- ❑ National Renewable Energy Action Plan
- ❑ **Industry:** F-gases Regulation
- ❑ **Agriculture:** The Rural Development Program, Common Agricultural Policy (manure management and soil management), Nitrate Directive
- ❑ **Waste:** Waste Act, Waste Management Program, Water Plan

GHG EMISSION PROJECTIONS

- Reference year: **2014**; Scenarios: **WOM, WEM, WAM**
- Gases covered: **CO₂, CH₄, N₂O, and F-gases**
- 20% reduction compared to 1990 levels, on the basis of inventory submitted in 2022, which includes time series of 1990-2020



THANK YOU FOR YOUR ATTENTION

