



2017



UNFCCC SBI 51 MULTILATERAL ASSESSMENT

BELGIUM

Madrid, 7th of December 2019

Belgium



Geography

- north-western Europe
- 30 528 km²

Population

- 11,3 million inhab. (2017)
- 371 inhab./km² (2017)

GDP

- 39 424 €/inhab. (2017)
- +3,7% /yr. (2016/2017)

GHG emissions

- 114,5 Mton CO₂-eq. excl. LULUCF (2017)
- 10,1 tons CO₂-eq/capita (2017)

Institutional arrangements

BELGIUM

=

Federal State

3 Regions

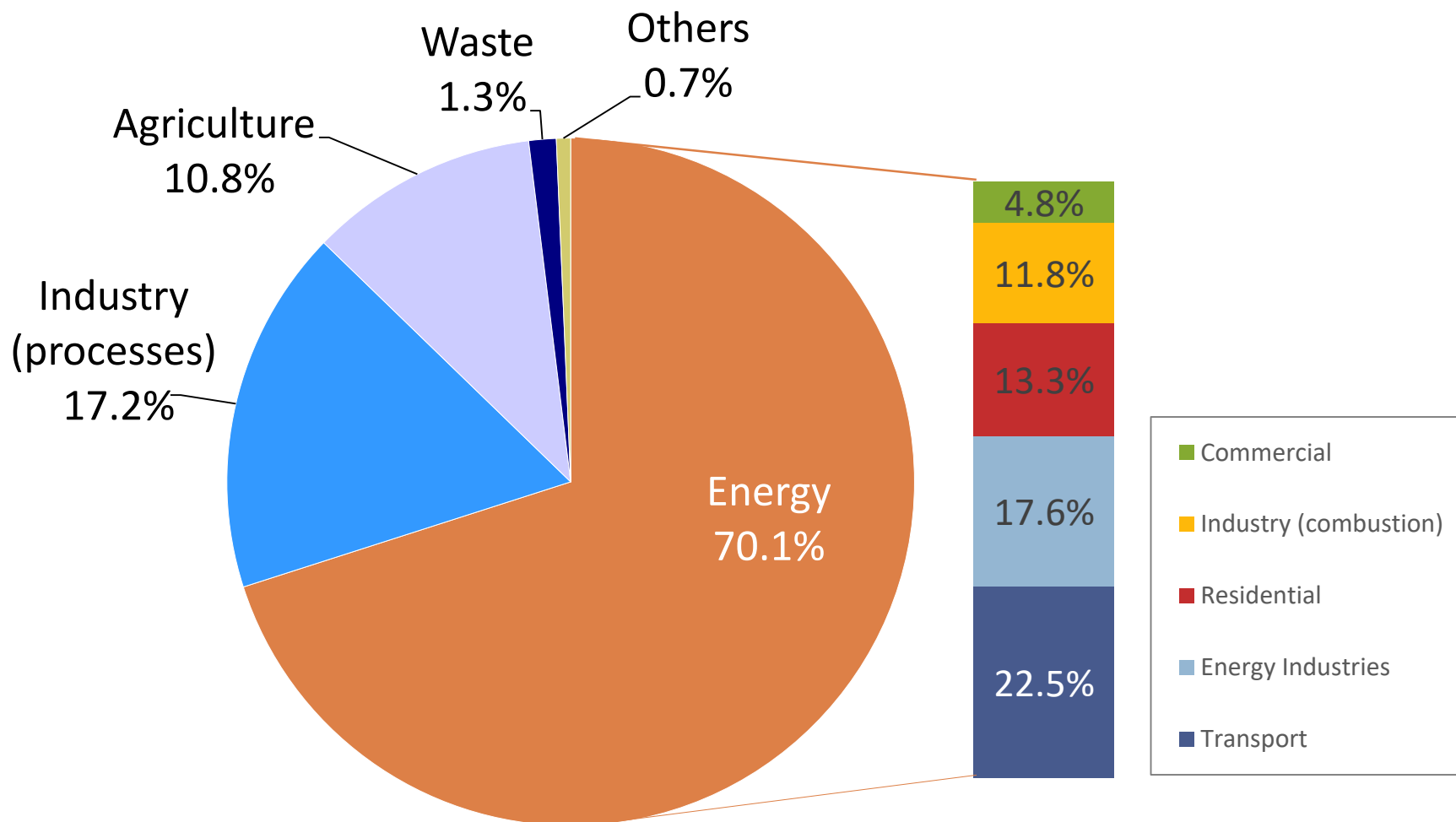
3 Communities

- Each has its own
 - Parliament
 - Government
 - Administration
 - Strategies & Policies
 - Legislation
- No hierarchy of norms
- Shared competences in Climate Policy

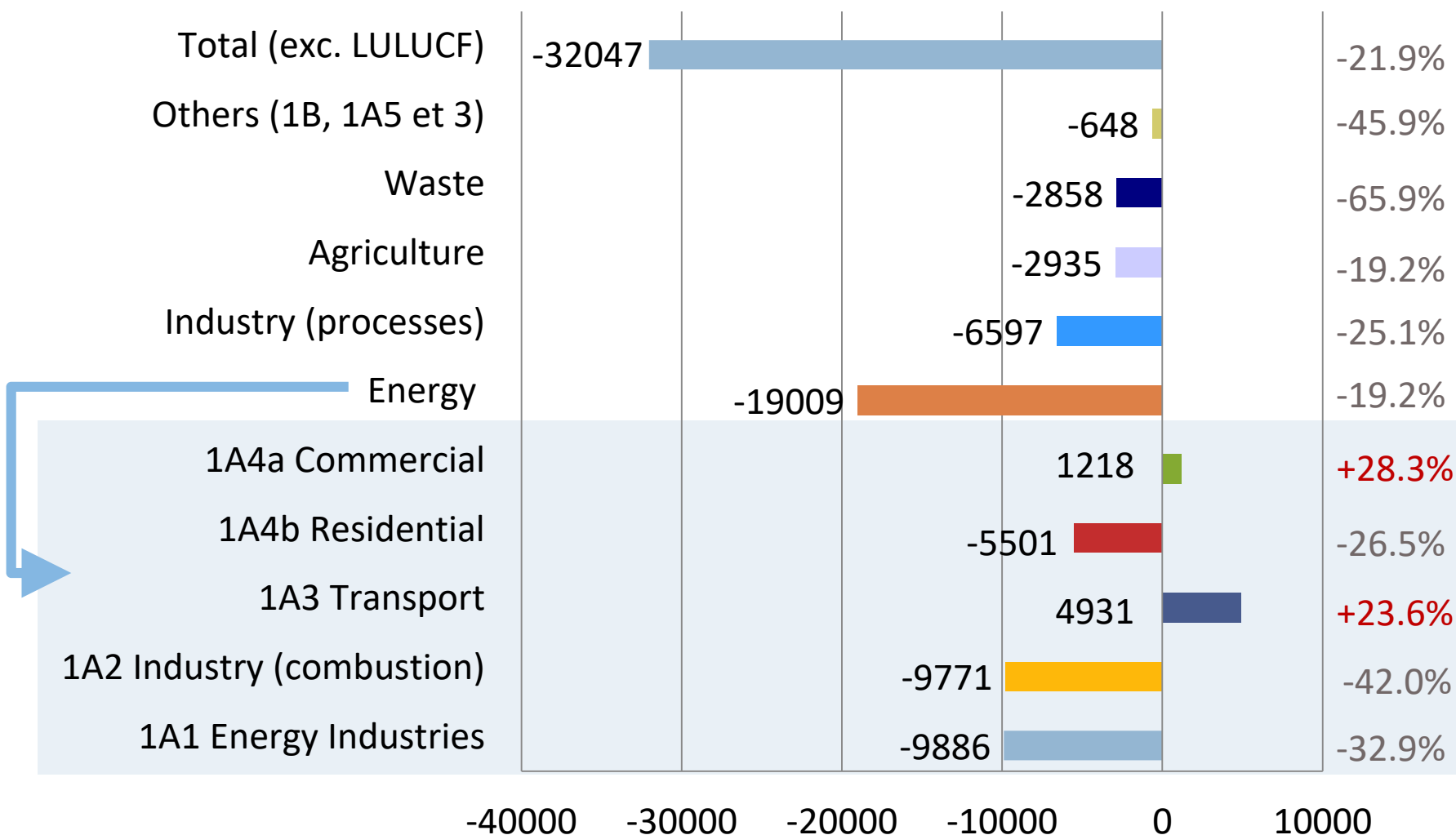


NATIONAL CLIMATE
COMMISSION

GHG emissions profile (2017)



Trends (1990-2017)

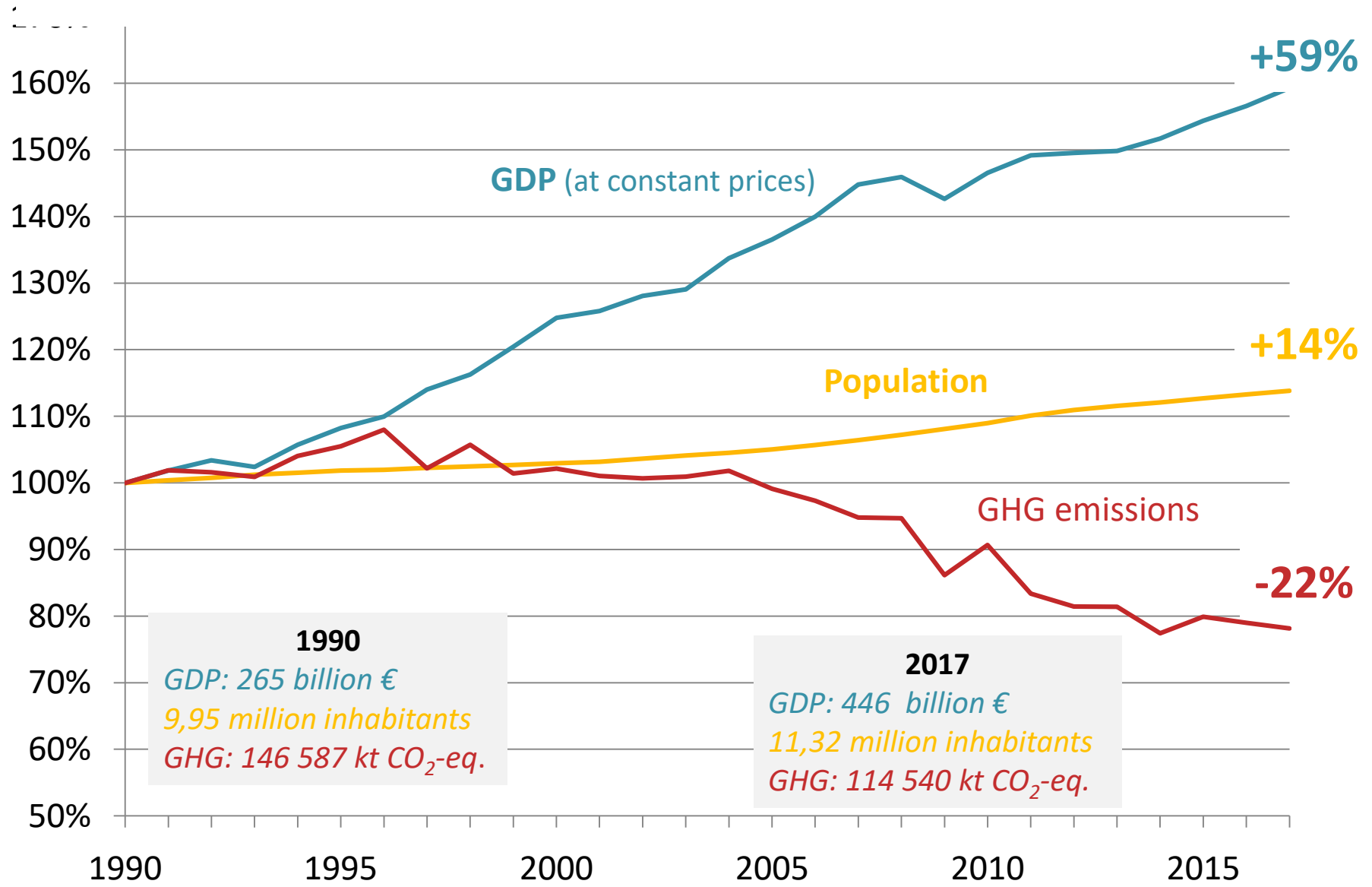


GHG emissions: absolute and relative change 1990 - 2017
 (Gg CO2 eq and in %)

Source: National GHG Inventory, April 2019



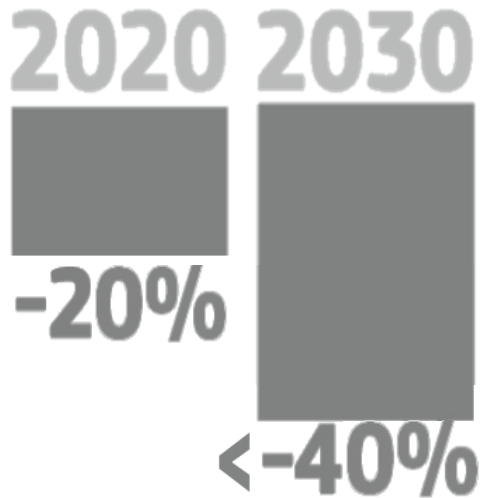
Decoupling emissions from growth



Sources: Eurostat, Belgian Statistics, National GHG Inventory (April 2019)

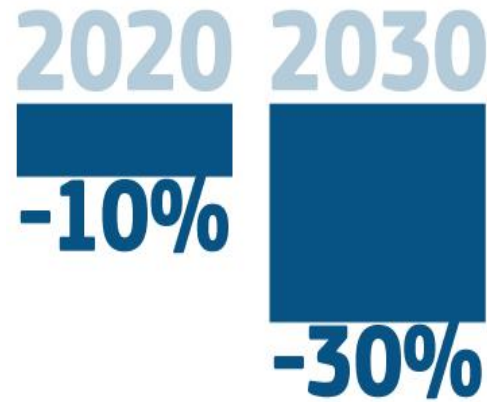


EU targets



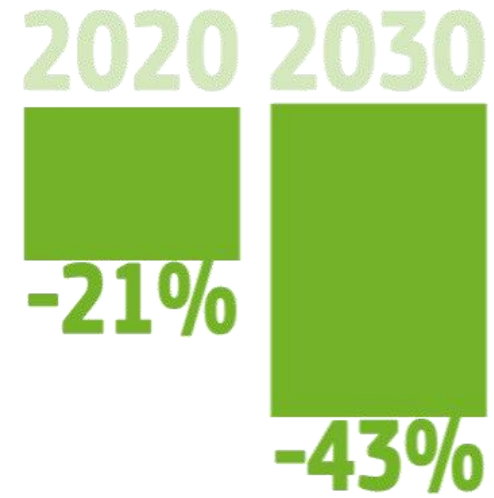
EMISSION
REDUCTIONS
IN ETS AND
NON-ETS

(~ 1990)



**NON
ETS** INCLUDING
ROAD TRANSPORT,
HOUSING,
AGRICULTURE
etc.

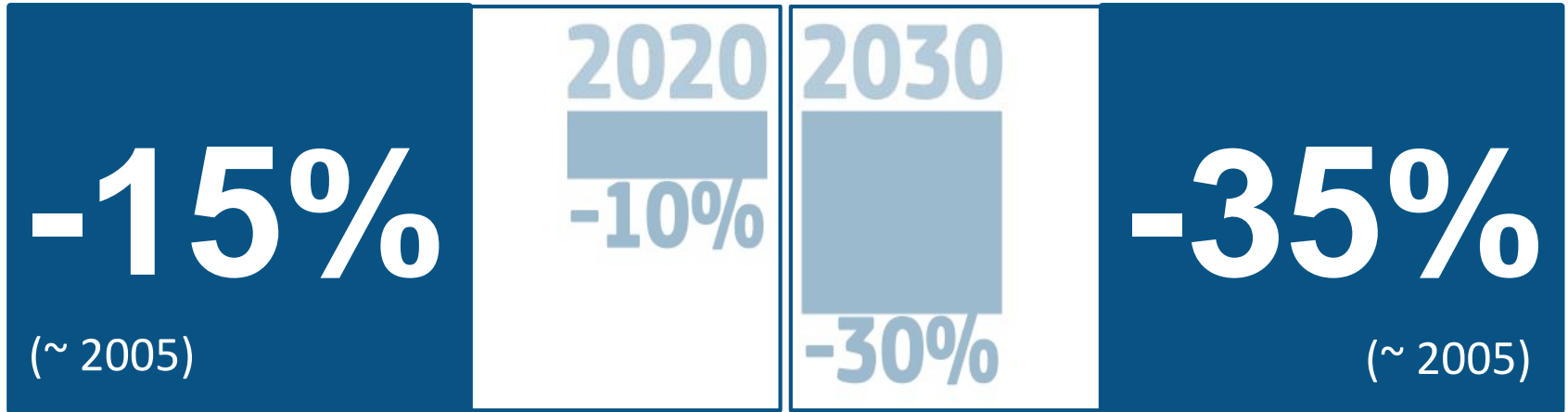
(~ 2005)



ETS INCLUDING
POWER/ENERGY
SECTOR & INDUSTRY

(~ 2005)

Belgium's target



-45%

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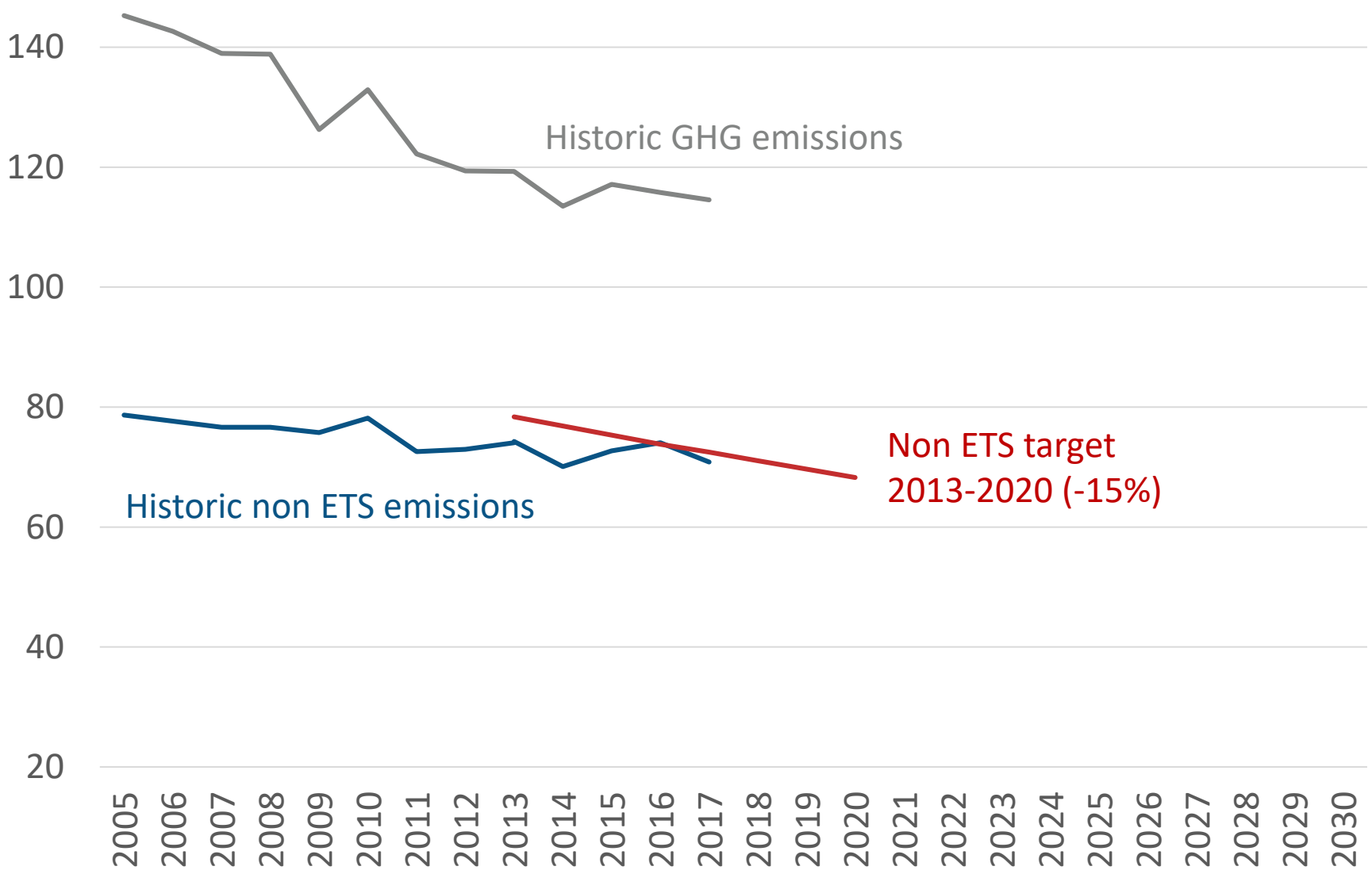
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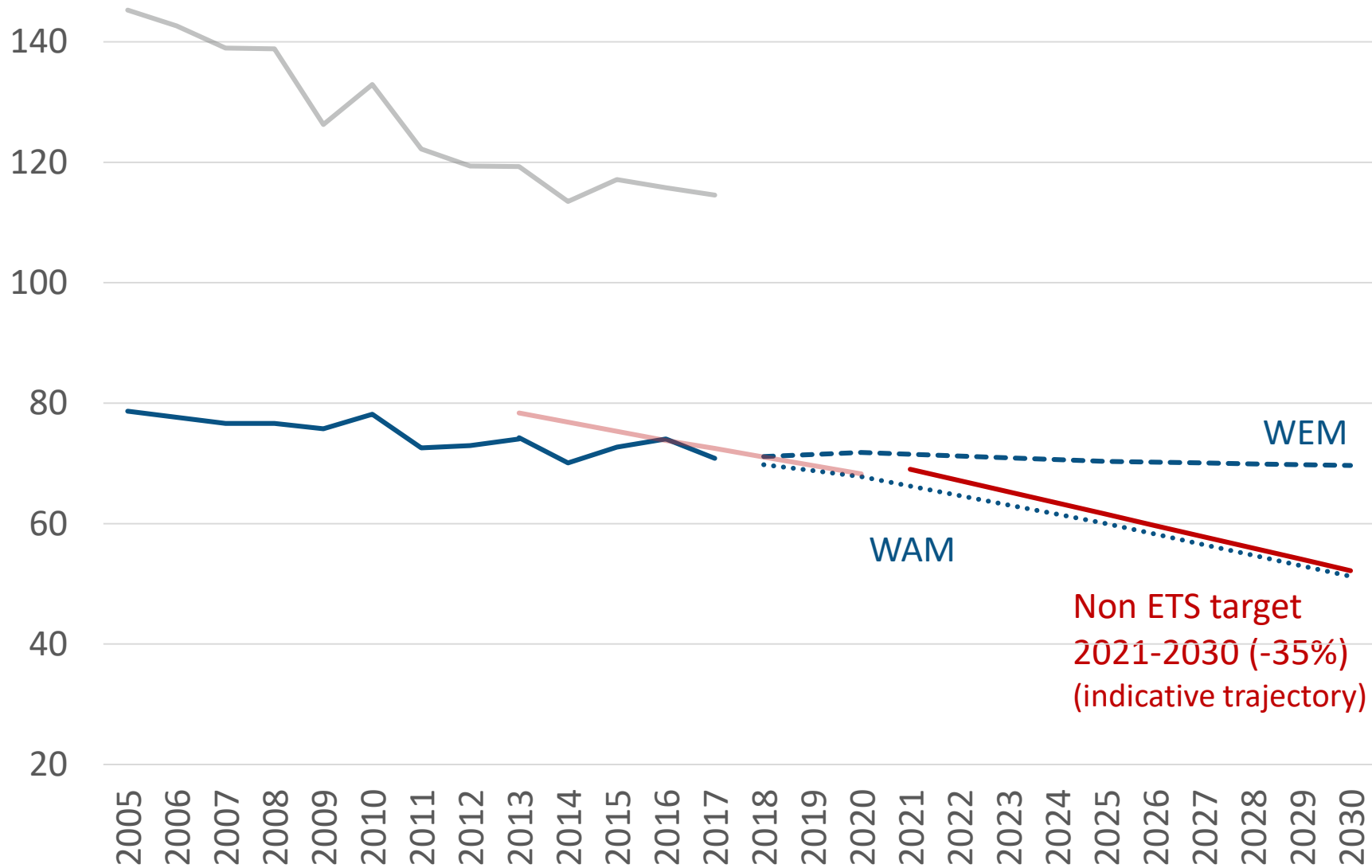
(~ 2005)

(~ 2005)

Trends and targets (2020)



Trends and targets (2030)



Mid and Long-term targets

Federal

- Long term vision for sustainable development: reduce GHG by **at least 80% to 95% by 2050** (compared to 1990)

Flanders

- Flemish coalition agreement 2019-2024: **at least 80% reduction target (2050)**

Walloon Region

- **Carbon neutrality by 2050**
- Reduce GHG by **55% by 2030** (compared to 1990)

Brussels

- LT goal in line with an EU goal of **carbon neutrality by 2050**
- Reduce non ETS GHG by **at least 40% by 2030** (compared to 2005)

Examples of key policies and measures (NECP)

Energy

- Off-shore wind energy
- Different supports schemes for wind, solar, biomass energy production
- Biofuel incorporation in transport fuels

Buildings

- Energy subsidies, green loans
- Ban the installation of heating systems from coal (2021), fuel oil (2025)
- Renovation and RES in public buildings, exemplarity
- Residential : obligation to retrofit with 5 mandatory steps
- EU Directive on Energy Performance of Buildings (new-built) - Nearly zero energy buildings, Long term renovation strategy
- Lowering VAT-tariff for the demolition and reconstruction of old buildings

Transport

- Optimization rail transport, interfederal vision, zero emission vehicles (2030-federal fleet), electromobility, adaptation framework company cars, Free public transport for commuters
- Distance-based road charging system for heavy goods vehicles
- Investments in public transport & cycling infrastructure
- Clean power for transport strategy (alternative fuels and their infrastructure)
- Phasing-out of Diesel in 2030, and gasoline and LPG by 2035

Others

- Green bonds / action plan for phasing out fossil fuel subsidies / Carbon pricing
- regional strategy of digital sobriety / Deploy a sustainable regional land use strategy (polycentric city at neighborhood scale)
- Governance
- Industry: sectoral (energy) agreements
- Agriculture: manure management policy, green deal (enteric emissions), Farm-scale anaerobic digestion , setting up an urban agricultural strategy

Current developments

National Energy and Climate Plan (2021-2030)



NEKP
2021 - 2030

Vo

undergoing finalisation

Long-Term Strategy (2050)



THANK YOU

