



Multilateral Assessment Czech Republic



**SBI 2021 session
June 2**

Ministry of the Environment
of the Czech Republic

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

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National Circumstances



Czech Republic since January 1 1993
former Czech and Slovak
Federative Republic
(split of Czechoslovakia),

EU Member State since May 1, 2004

Area: 78 870 km²

Population (2020): 10 701 777

GDP per capita (2020): 40 293 USD

Currency: Czech Crown (CZK)

cca 21 CZK per USD

cca 25 CZK per EUR

Unemployment rate: 3%



UNFCCC, Kyoto, and Paris Commitments

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Joint fulfilment of UNFCCC and KP CP2 commitments

❑ Pledge under the Convention for EU and its Member States:

- Unconditional quantified economy-wide GHG emissions reduction target of 20% by 2020, compared to 1990 levels

❑ Binding commitment under the Kyoto Protocol

- CP2: Joint commitment of the EU, its MS and Iceland to reduce average annual emissions during 2013-2020 by 20% compared to 1990.

❑ NDC communicated under the Paris Agreement

- The EU and its Member States are committed to a binding target of an at least 40% domestic reduction in greenhouse gas emissions by 2030 compared to 1990.
- EU NDC Update (12/2020) – at least 55% domestic GHG reduction by 2030, implementation structure to be discussed from mid-2021

❑ 2020 commitments to be fulfilled jointly by the EU in line with the Climate and Energy Package



EU Climate and Energy Package

		EU-wide target by 2020 (1990)		National target by 2020	EU-wide target by 2030 (1990)		National target by 2030	EU-wide target by 2050 (1990)
Binding emission reduction target	EU ETS (based on harmonized rules)	-20%	-21% (2005)	-	-40% (-55%)	-43% (2005)	-	Climate neutrality
	EU non-ETS sectors		Country-specific	+9%		-30% (2005)	-14%	
Binding share of renewable sources of energy in total final energy consumption target		20%		13%	32%		20.86%	-
Non-binding energy efficiency target		↑20%		51,1 PJ (additional energy savings)	↑32.5%		84,1 PJ (new energy savings)	-



CZ on Track to meet its Kyoto Protocol and EU Commitments

- ❑ **CZ target for CP1 (2008-2012): - 8%**
- ❑ **CZ target for CP2 (2013-2020): - 20%**

- ❑ **2019 GHG emissions**
 - excluding LULUCF: 38.03% (75 Mt) decrease against 1990
 - including LULUCF: 28.71% (55 Mt) decrease against 1990

- ❑ **2020 projected emissions (excluding LULUCF)**
 - with existing measures: 35.47% decrease against 1990
 - with additional measures: 35.64% decrease against 1990

- ❑ **2030 projected emissions (excluding LULUCF)**
 - with existing measures: 45.52% decrease against 1990
 - with additional measures: 57.11% decrease against 1990



Trends

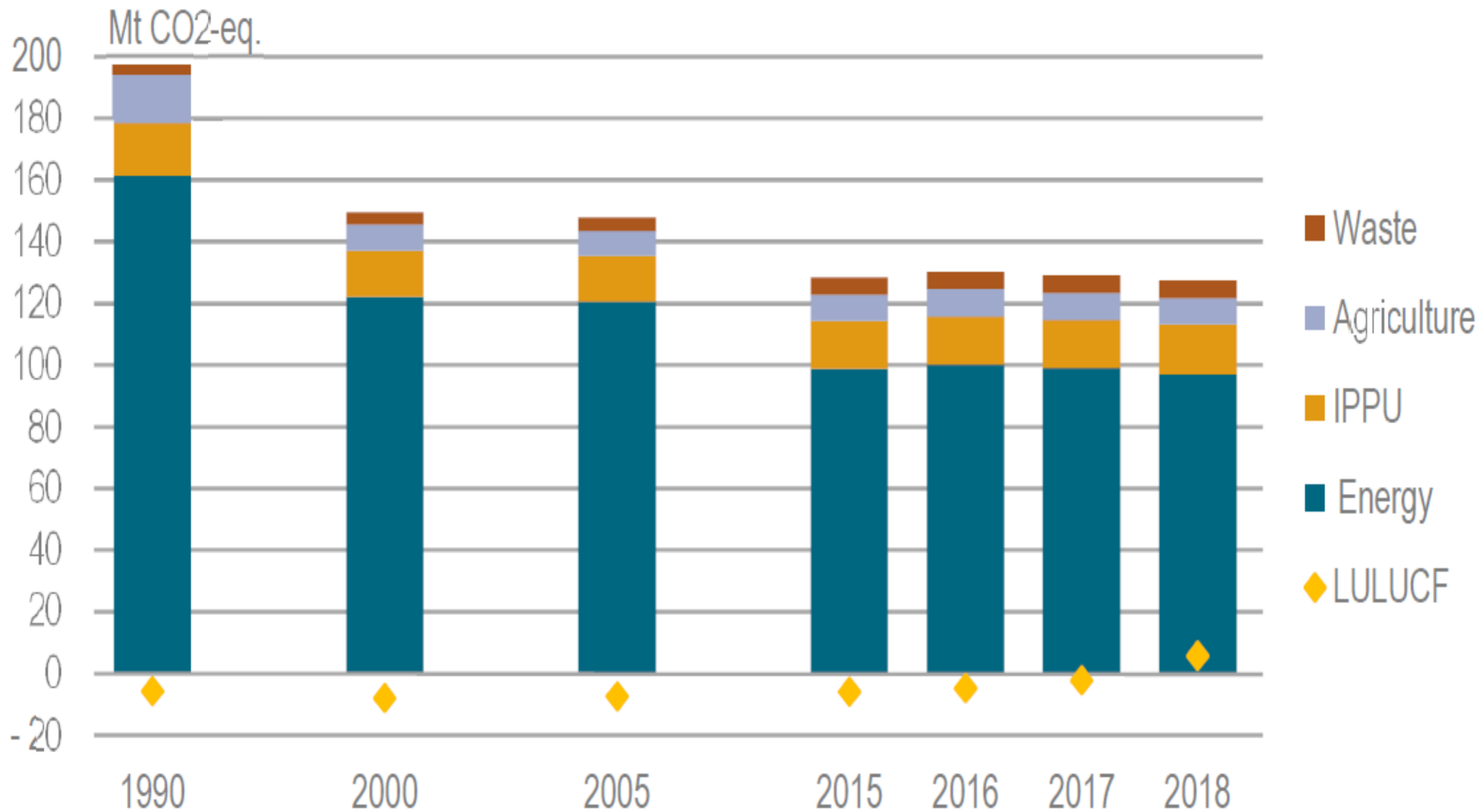
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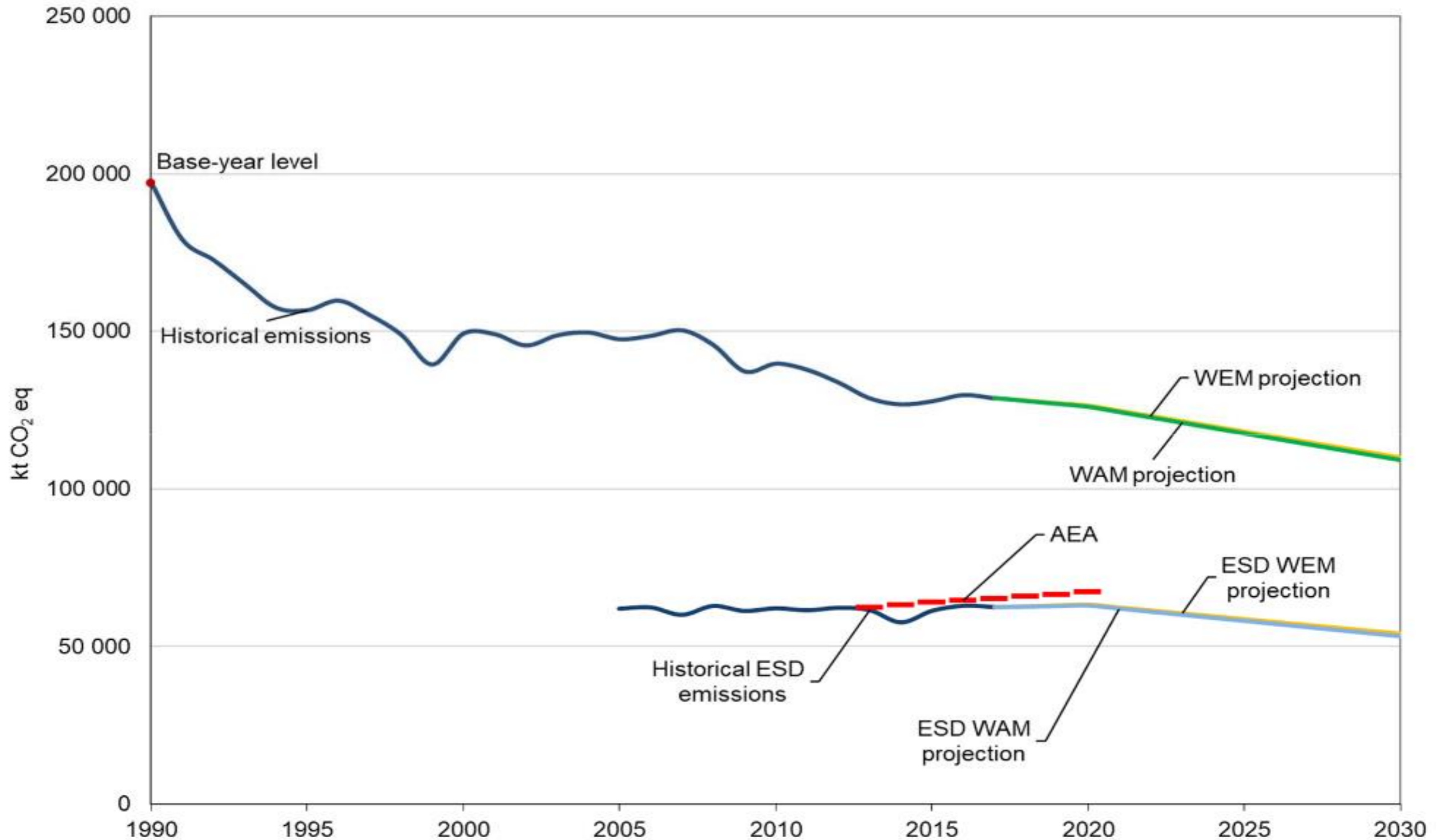
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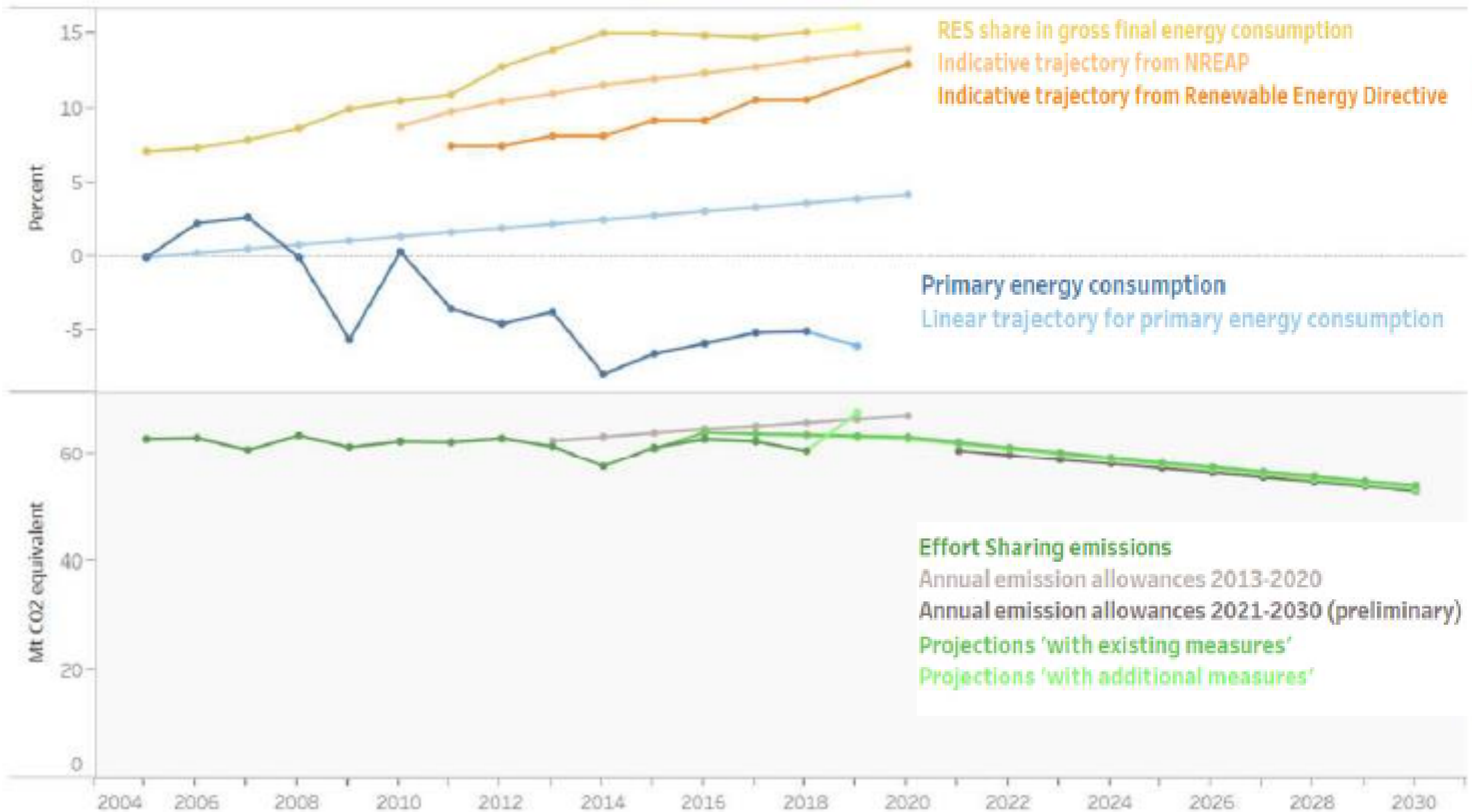
Historical GHG emissions



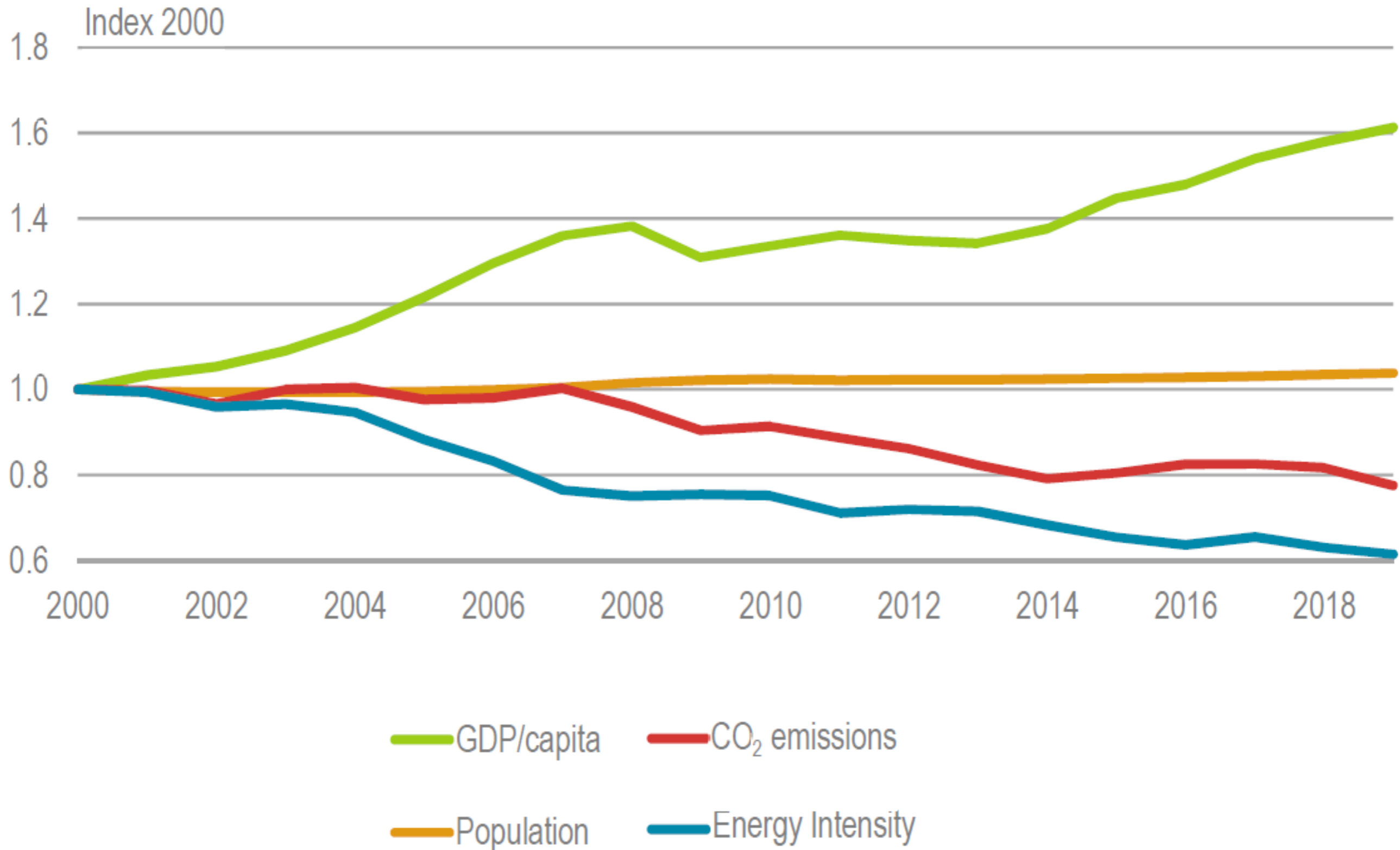
On Track to Meet Its Kyoto Protocol and EU Commitments



Progress towards 2020 EU targets



Decoupling from Economic Growth



Czech Climate Protection Policy

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Climate and Energy Policy

- **Climate Protection Policy of the Czech Republic (2017)**
 - **National Low Emission Strategy with goals for 2030 and outlook for 2050**
 - **GHG reduction of 32 Mt CO_{2eq} compared to 2005 until 2020**
 - **GHG reduction of 44 Mt CO_{2eq} compared to 2005 until 2030**
 - **indicative level towards 70 Mt CO_{2eq} of emitted GHG in 2040**
 - **indicative level towards 39 Mt CO_{2eq} of emitted GHG in 2050**
 - **Targets are in line with the EU and international commitments**
 - **Policies and measures in key sectors: Energy, Industry, Energy consumption, Agriculture and Forestry, Transport, Waste, Education, R&D, International**

- **2030 Climate and Energy Framework**
 - Non EU ETS Sector**
 - **Effort Sharing legislation**
 - **Effort Sharing Decision 2013-2020 (2009)**
 - **Effort Sharing Regulation 2021-2030 (2018)**
 - **Land Use and Forestry Regulation for 2021-2030 (2018)**
 - EU ETS Sector**
 - **Modernisation Fund**

- **National Energy and Climate Plans (2020)**
 - **New framework within which EU MS have to plan, monitor and report, in an integrated manner, their climate and energy objectives, targets and PaMs**



Key mitigation PAMs (I)

- ❑ **Interministerial working group on climate issues propose and discuss PAMs**
- ❑ **EU ETS and IPPC continue to be key measures for energy and industry mitigation action**
- ❑ **Support for RES, energy efficiency, public transport and cycling, alternative vehicles, greening of agriculture and utilisation of biogas**
- ❑ **Utilisation of EU Funds – at least 25% climate related investments (energy efficiency of buildings, industry, greening of agriculture, RES development, etc.)**
- ❑ **Modernisation Fund and The Recovery and Resilience Facility subsidy programmes to boost investment in renewables, energy efficiency and savings, clean transport and decarbonisation of industry and heating sectors**
- ❑ **Just Transition Fund provides opportunities for the structurally challenged regions dependent on coal.**
- ❑ **New Green Savings Programme – supporting EE and RES heating in households, financing from EU ETS**

Key mitigation PAMs (II)

- ❑ **Waste Management Plan - reducing bio-waste, ban on landfilling from 2024, increased recycling and energy utilisation of waste**
- ❑ **National Emission Reduction Program of the Czech Republic - 27 priority measures for air and climate protection**
- ❑ **NAP Clean Mobility - support for alternative drives and fuels development and infrastructure, R&D**
- ❑ **Circular Czechia 2040**
- ❑ **Czech Technological Agency - THETA - funding programme for applied research, experimental development and innovation**



What's Next for the Czech Republic?

2021 **Climate Protection Policy of the Czech Republic** Evaluation

2023 **Global Stocktake**

National Energy and Climate Plan
Update

Climate Protection Policy of the Czech Republic Update

- climate neutrality and increased EU 55%
GHG target for 2030

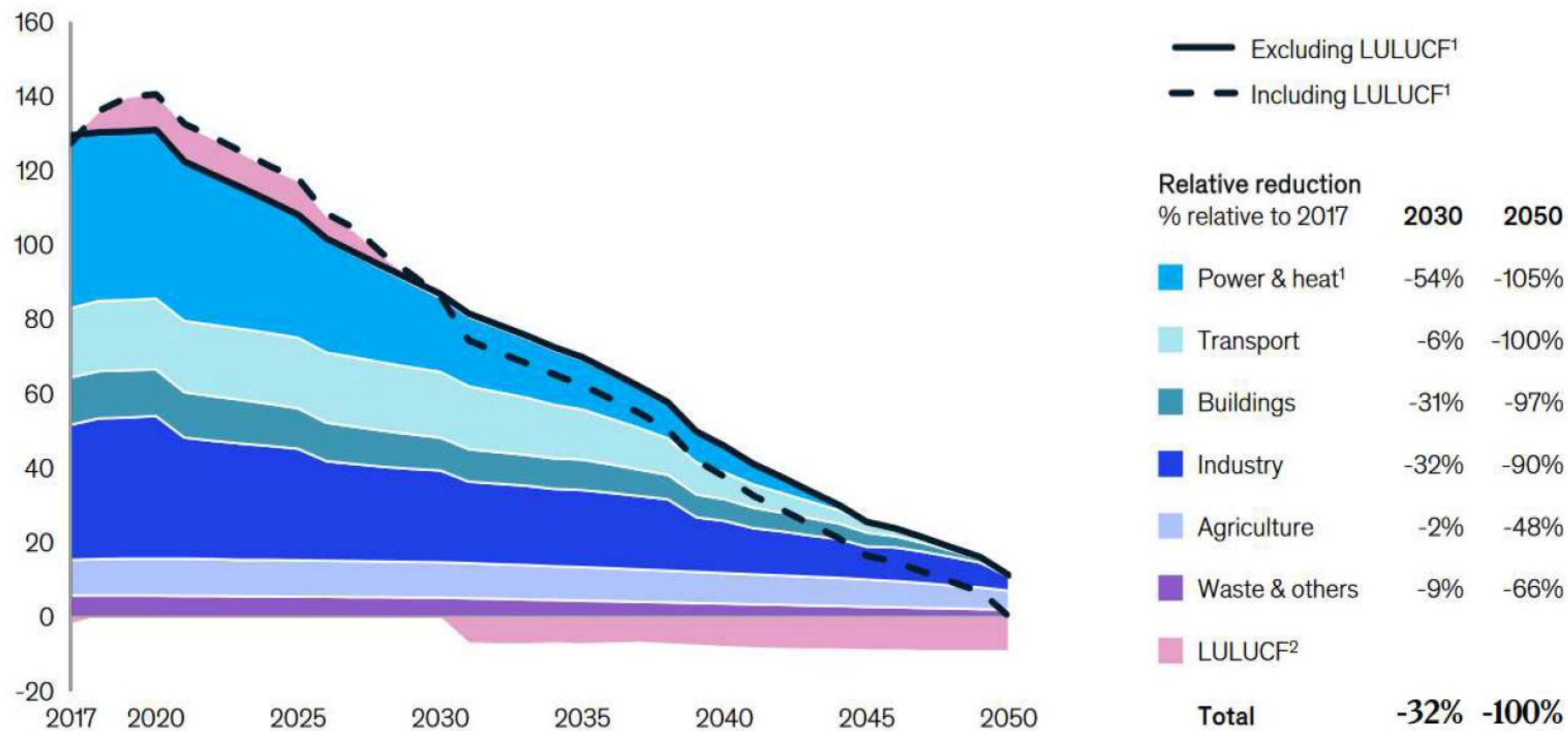


Opportunities for change

Pathways to decarbonize the Czech Republic, McKinsey (2020)

Cost-optimal decarbonization path for the Czech Republic

MtCO₂e



Thank you for your attention



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