

Information on the quantified emission limitation and reduction objective of Ukraine for the second commitment period of the Kyoto Protocol

Bangkok, Thailand, 30 August - 5 September.



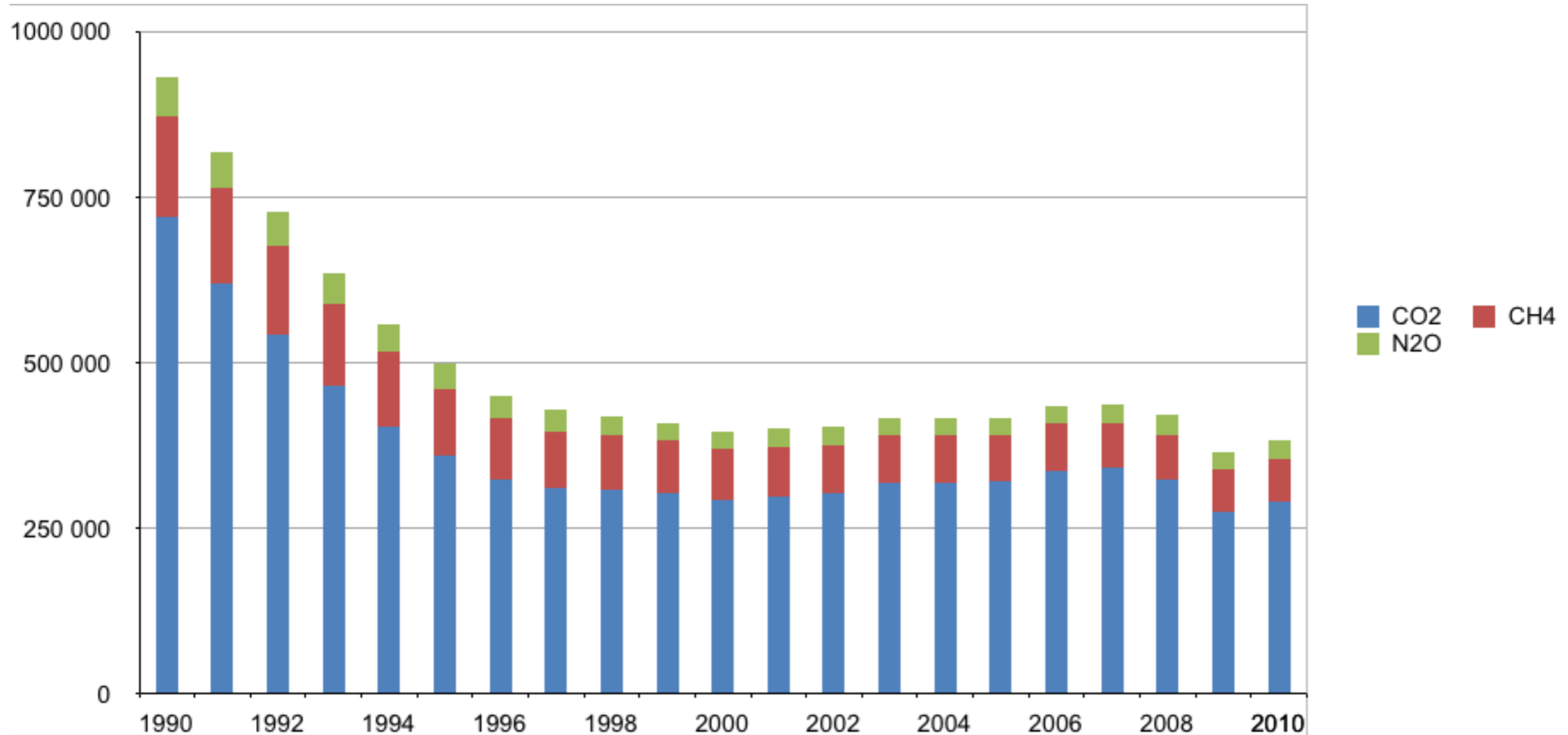
Emission Limitation and Reduction Objective - QELRO

Ukraine has officially confirmed the target of greenhouse gas emission reduction by 2020 for the second commitment period of the Kyoto Protocol, which is 20% compared to 1990 emissions base year.



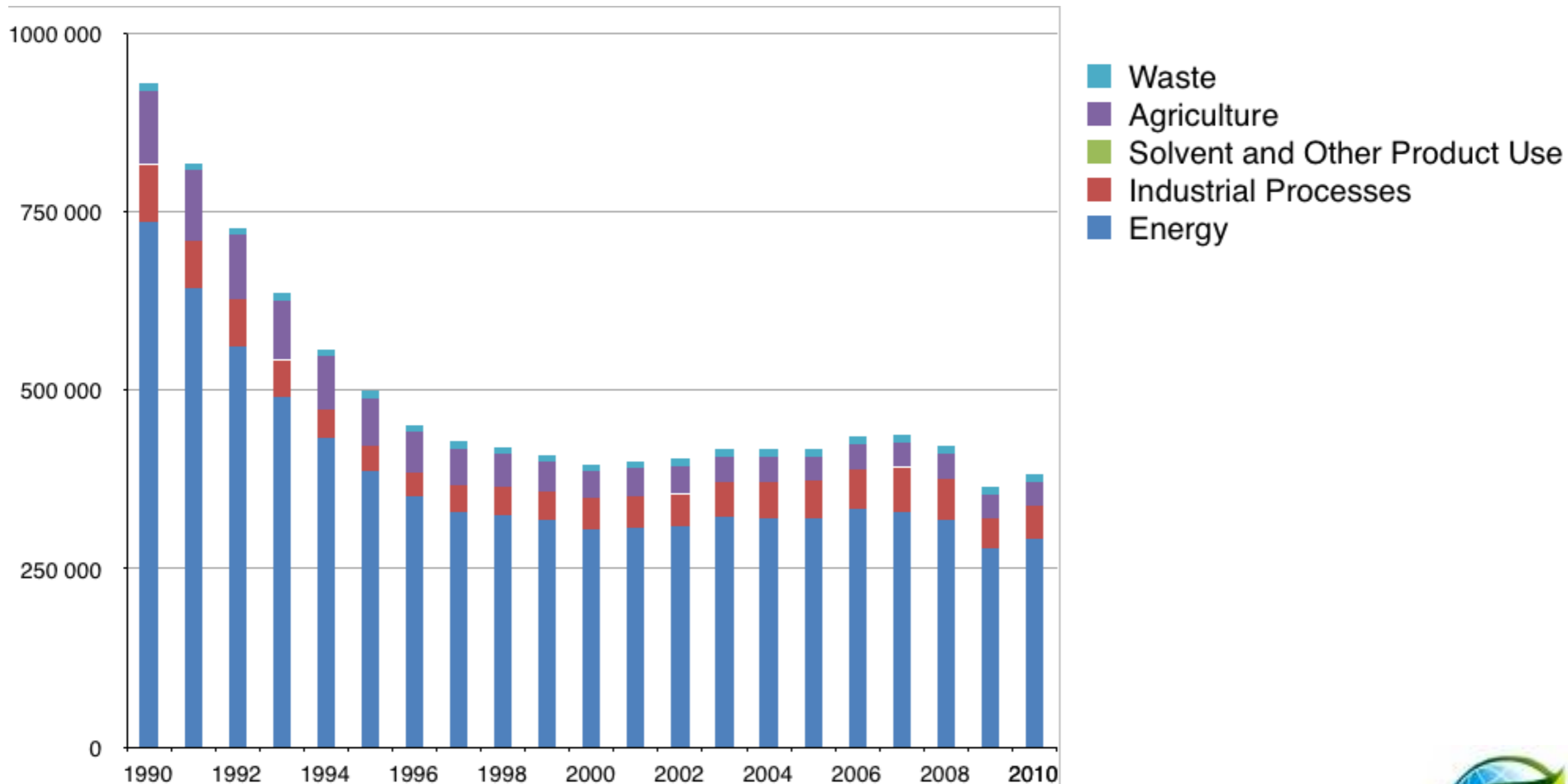
GHG Emissions by Gases

CO₂ equivalent (Gg)

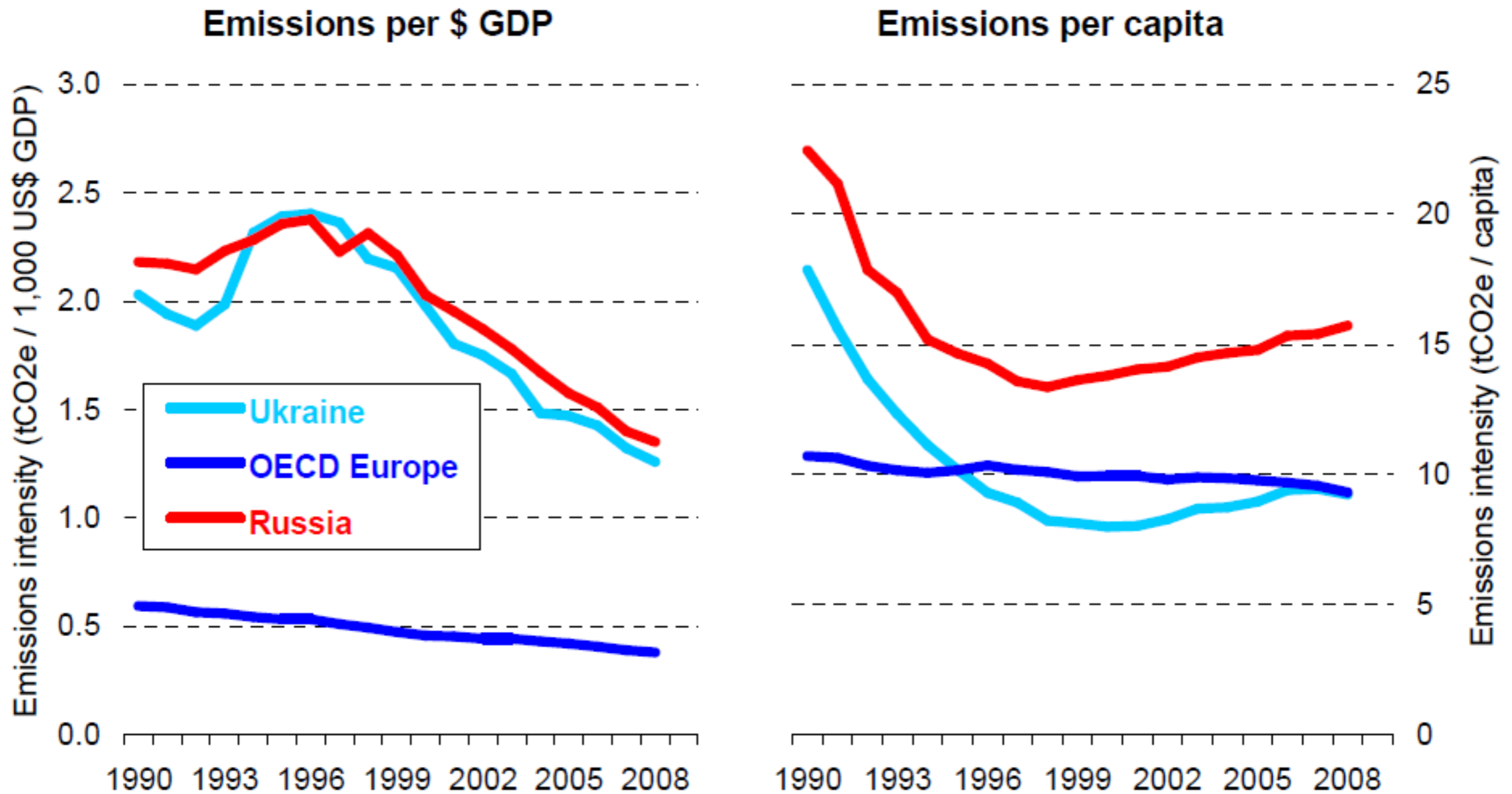


GHG Emissions by Sectors

CO₂ equivalent (Gg)



Emissions Intensity in Ukraine, Russia and OECD Europe



Source: IEA and UNFCCC; GDP is in 2000 prices, and PPP-adjusted



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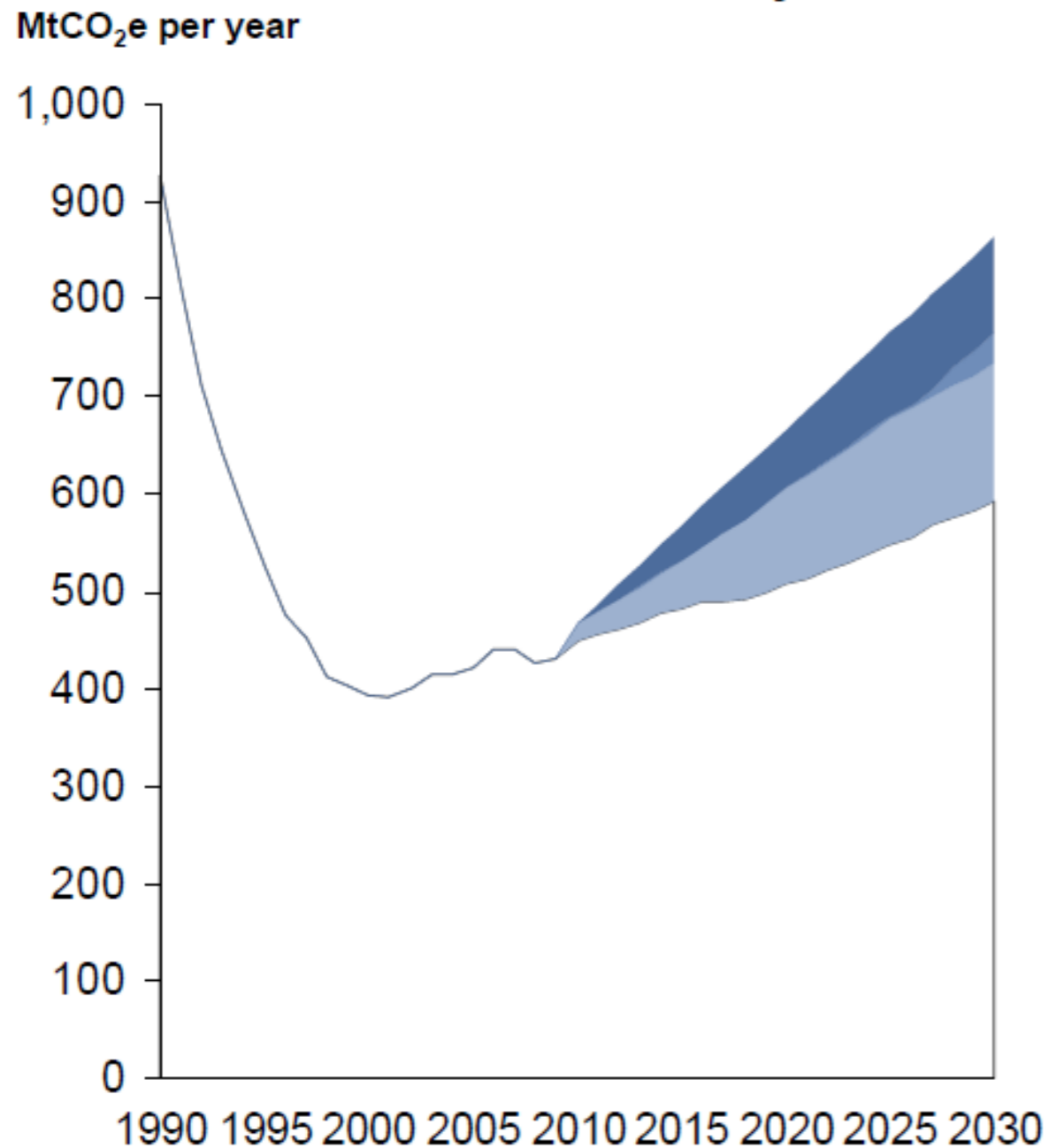
The following approaches were considered:

- methodology described in FCCC/TP/2010/3/Rev.1 «Issues relating to the transformation of pledges for emission reductions into quantified emission limitation and reduction objectives: methodology and examples»;
- in accordance with the national circumstances, using the analysis of data on greenhouse gas emissions according to the latest reviewed national inventory for the period 1990-2009.

The national approach fully reflects the dynamics of greenhouse gas emissions in Ukraine, including a decline in emissions in the 90s of the last century due to economic factors, the transition from soviet-type to market economy. The choice of trajectory to the endpoint 20% reduction in 2020 and the definition of QELRO for Ukraine need further consideration.



Emissions Projections Under Different Scenarios



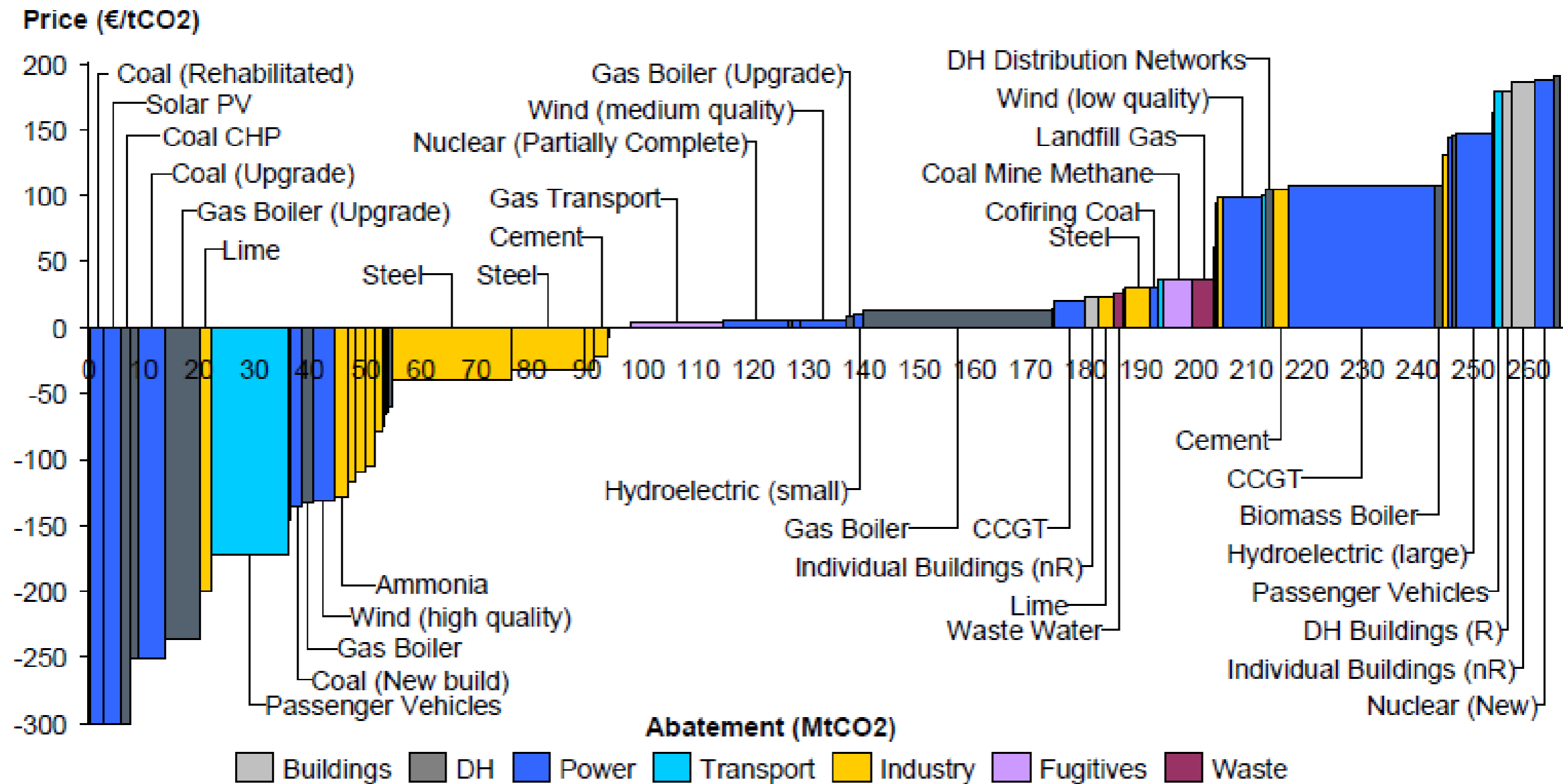
Emissions in 2030 w/r to 1990	Emissions (cumulative)	Scenario
-7%	864 Mt	Frozen Technology
-17%	766 Mt	Status Quo
-21%	735 Mt	Planned Policies
-36%	591 Mt	Enhanced Policies

<i>5th National communication (2009)</i>	<i>2030, mln t CO₂e</i>
<i>GHG Emission without measure</i>	<i>755.2</i>
<i>GHG Emission with measure</i>	<i>638.1</i>
<i>GHG Emission with additional measure</i>	<i>590.9</i>

Source: EBRD, UNFCCC



MACC for Status Quo Policy Scenario (2030)



Notes: Buildings are R (Residential) or nR (non-Residential)





Thank you!

State Environmental Investment Agency of Ukraine

- Address: 35, Urytskogo str., Kyiv-03035
- Reception:
- Tel.: 380 44 594-91-11
- Fax: 380 44 594-91-15
- E-mail: secretary@seia.gov.ua
-
- Press Office:
- Tel.: 380 44 594-91-09
- Fax: 380 44 594-91-15
- E-mail: media@seia.gov.ua

