



Switzerland's Sixth National Communication and First Biennial Report under the UNFCCC

Third National Communication under the Kyoto Protocol to the UNFCCC

Multilateral Assessment of Switzerland

SBI 41

Lima
December 2014



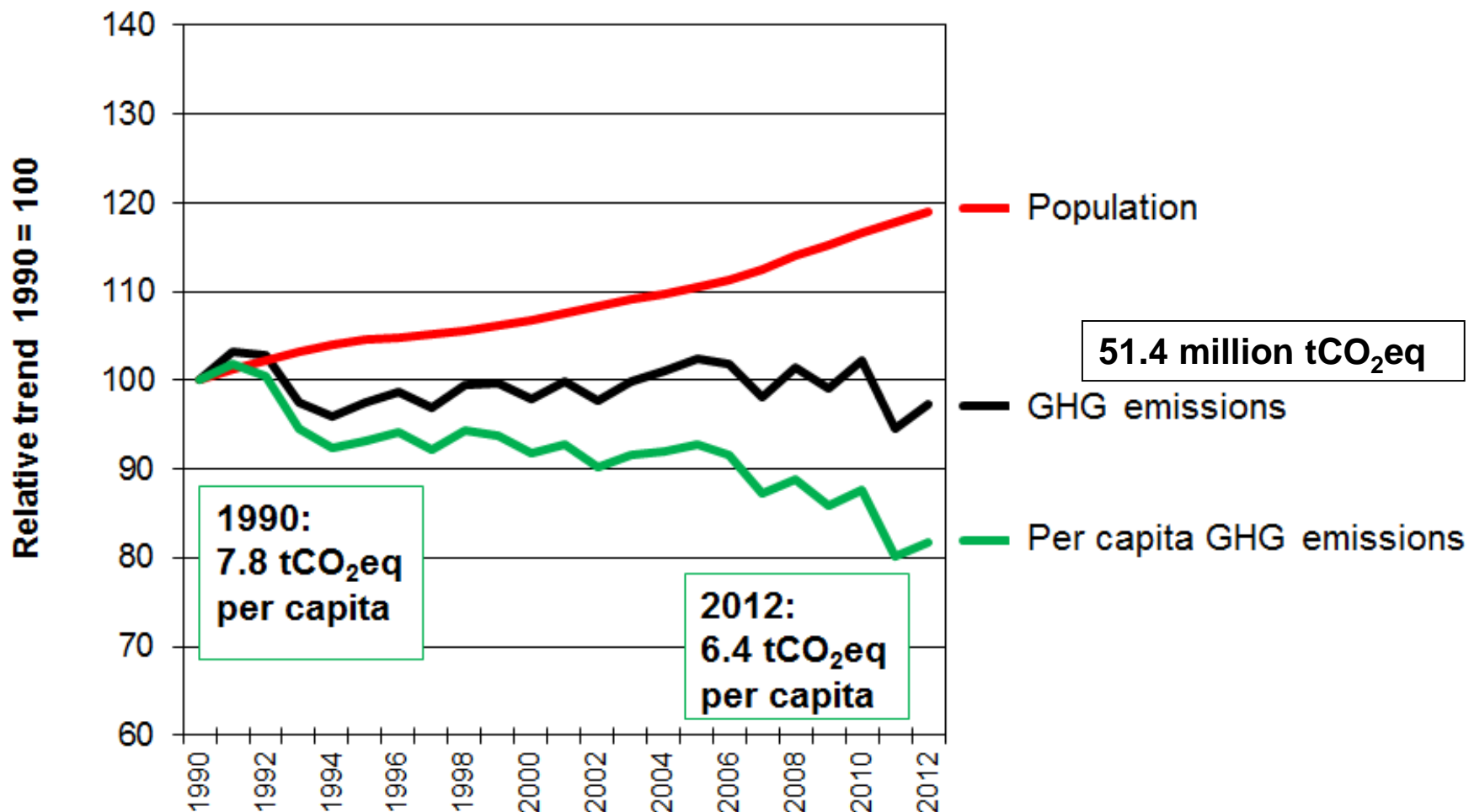
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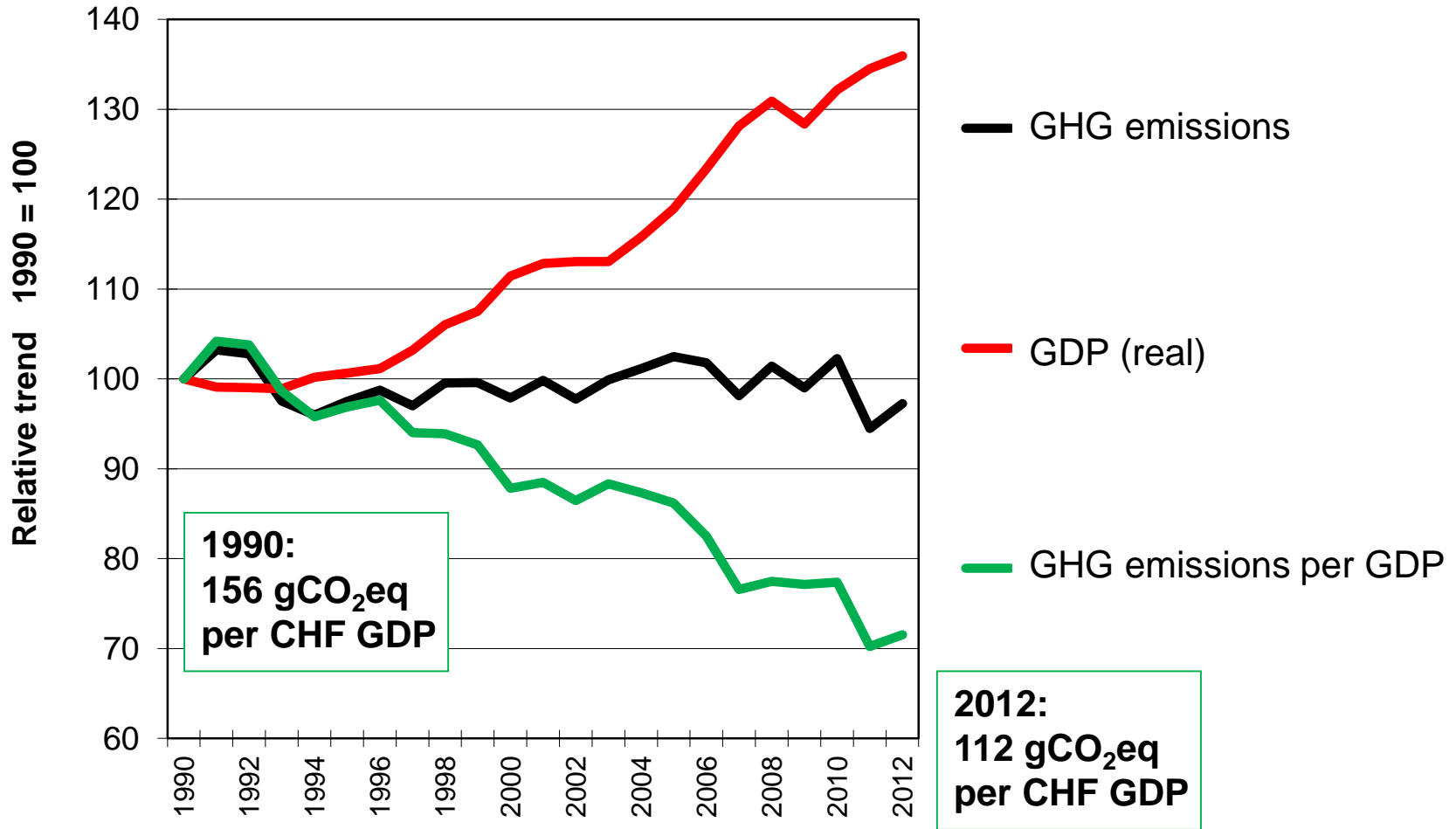
Switzerland 1990 – 2012

	1990	2012	Change
Population	6.8 million	8.0 million	+18%
GDP (real)	339 billion CHF	461 billion CHF	+36%
Index of industrial production	100	154	+54%
Energy reference area of households	346 million m ²	471 million m ²	+36%
Passenger cars	3.8 million	5.1 million	+34%
Greenhouse gas emissions	52.9 million tCO ₂ eq	51.4 million tCO ₂ eq	-3%

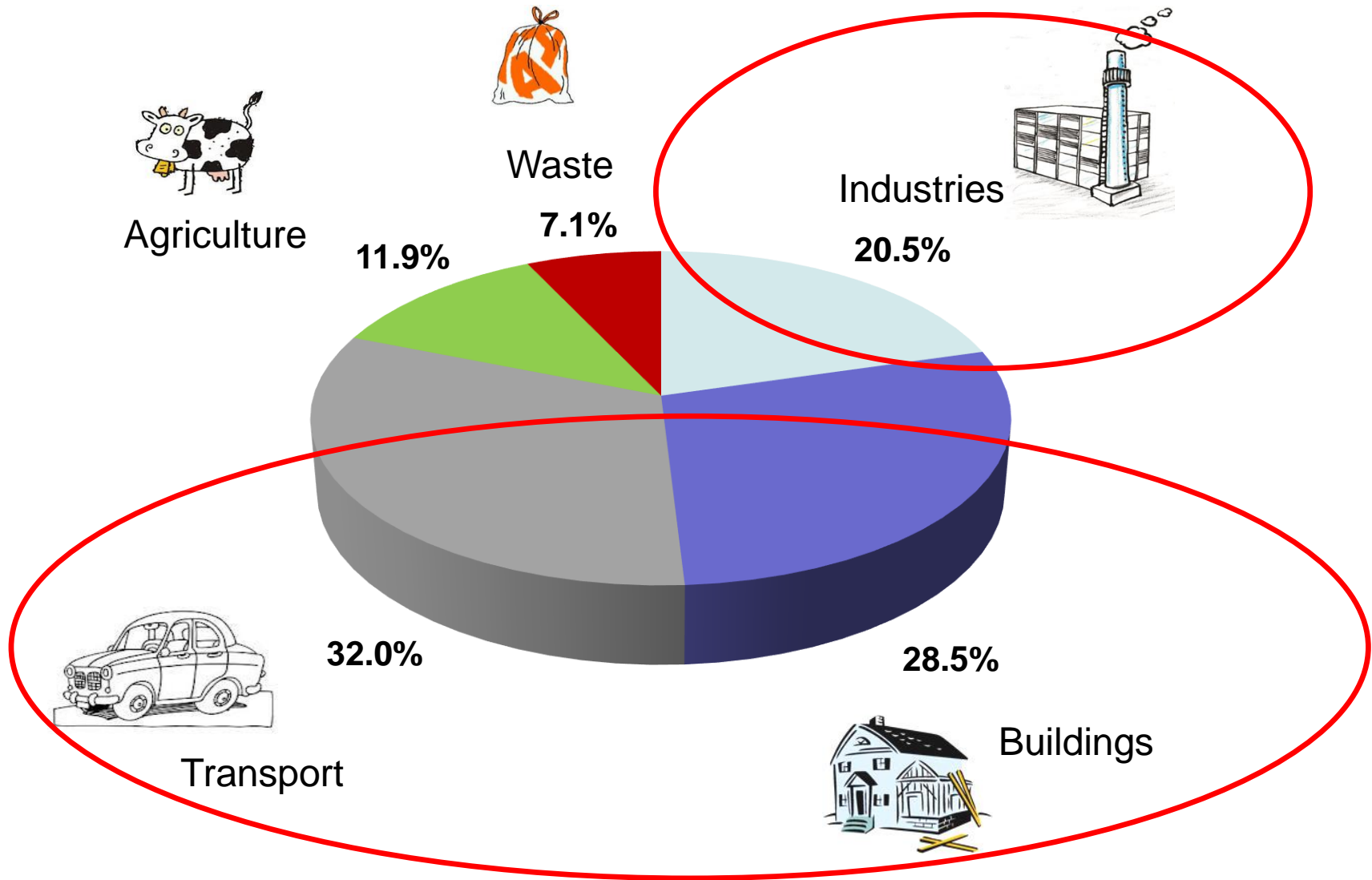
Per capita GHG emissions 1990 – 2012



GHG emissions per GDP 1990 – 2012

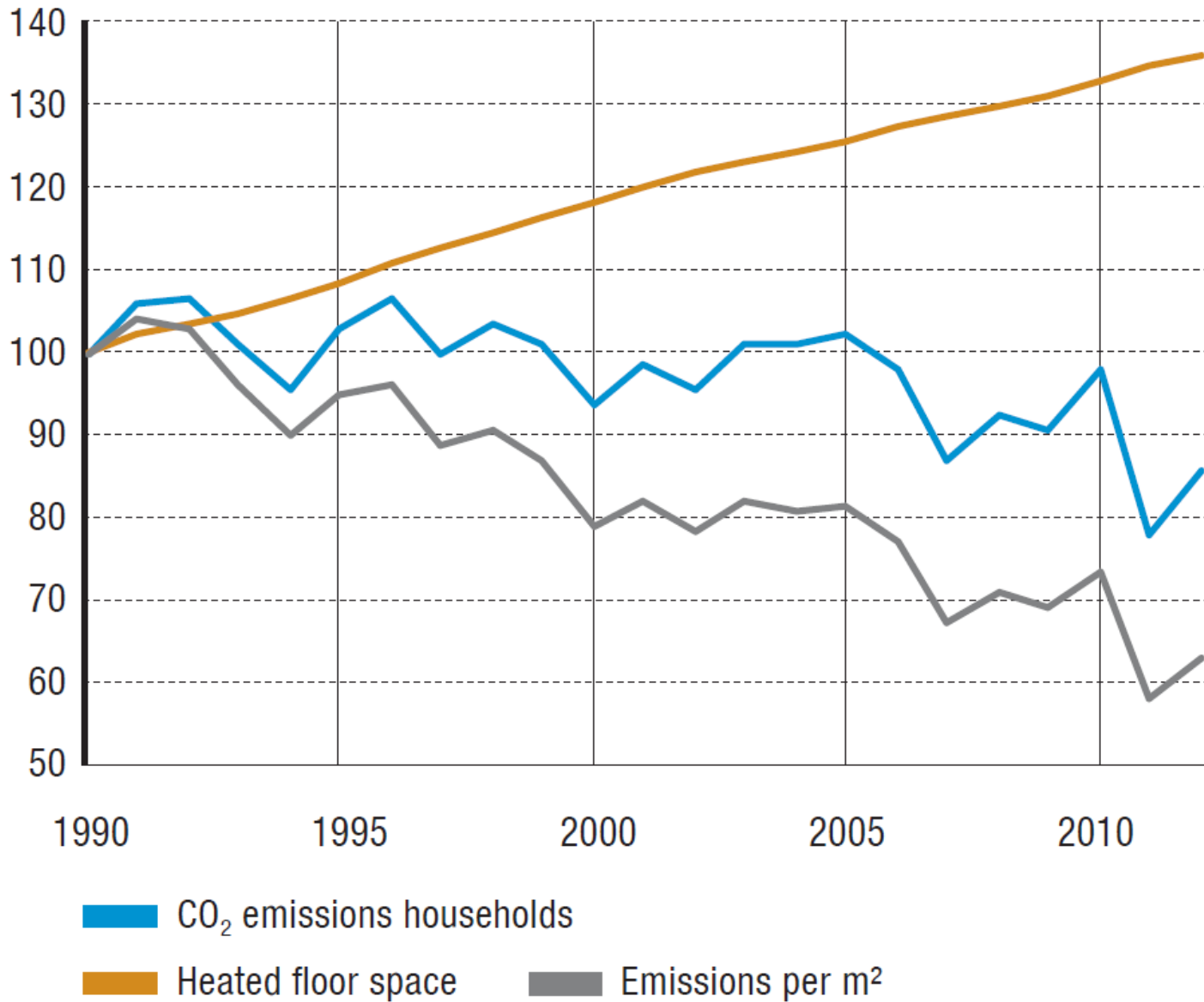


Switzerland's GHG emissions in 2012



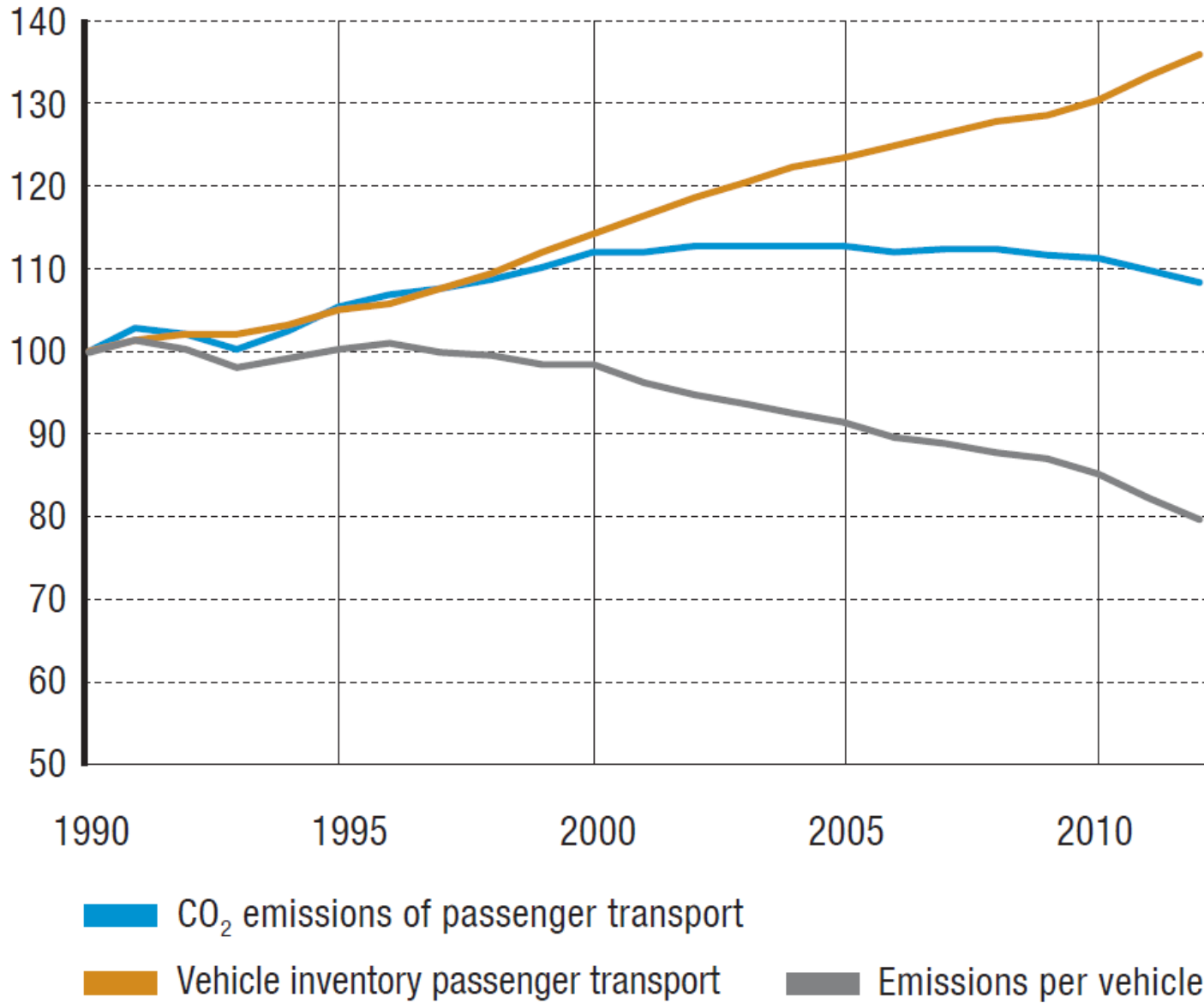


Index 1990 = 100

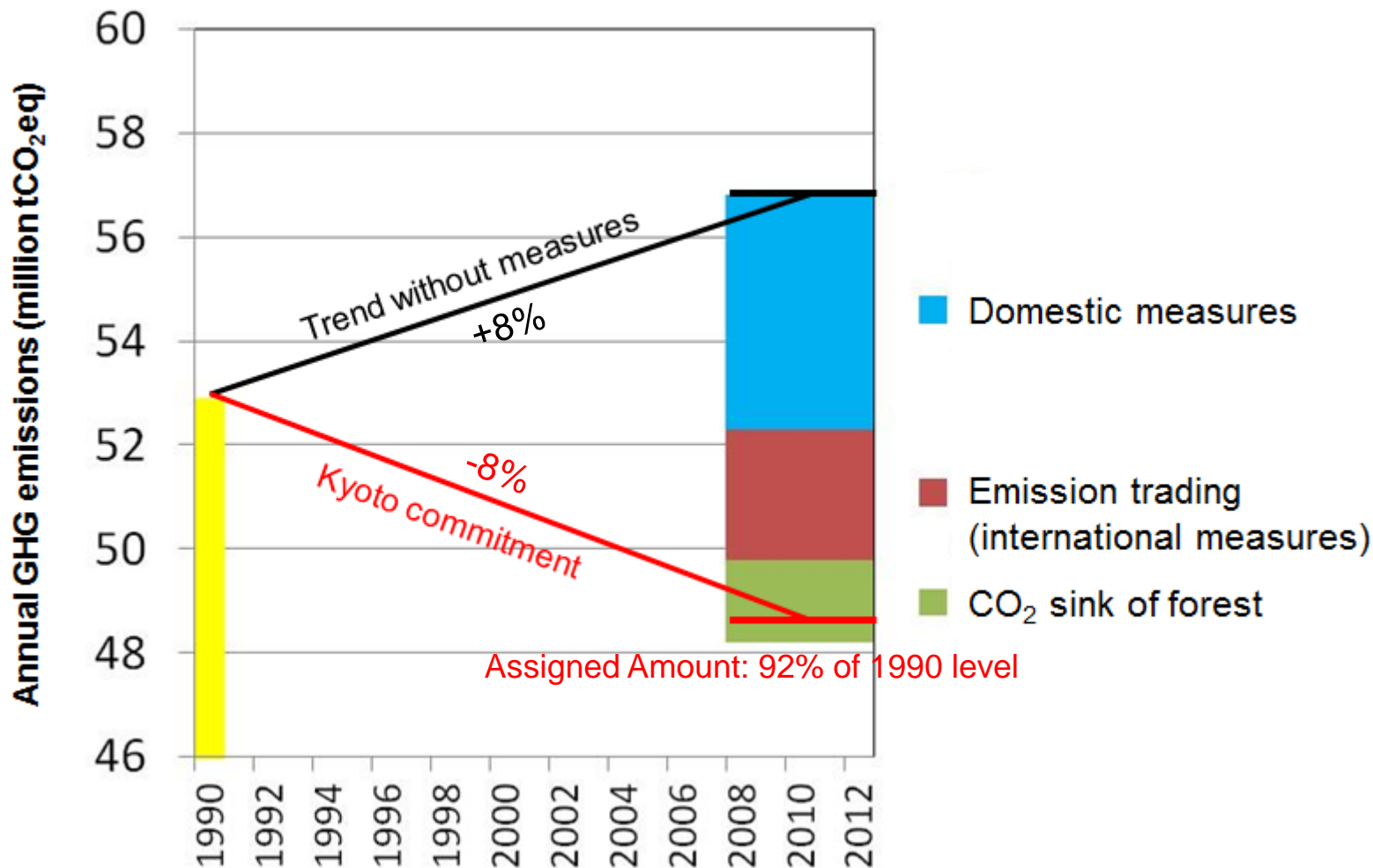




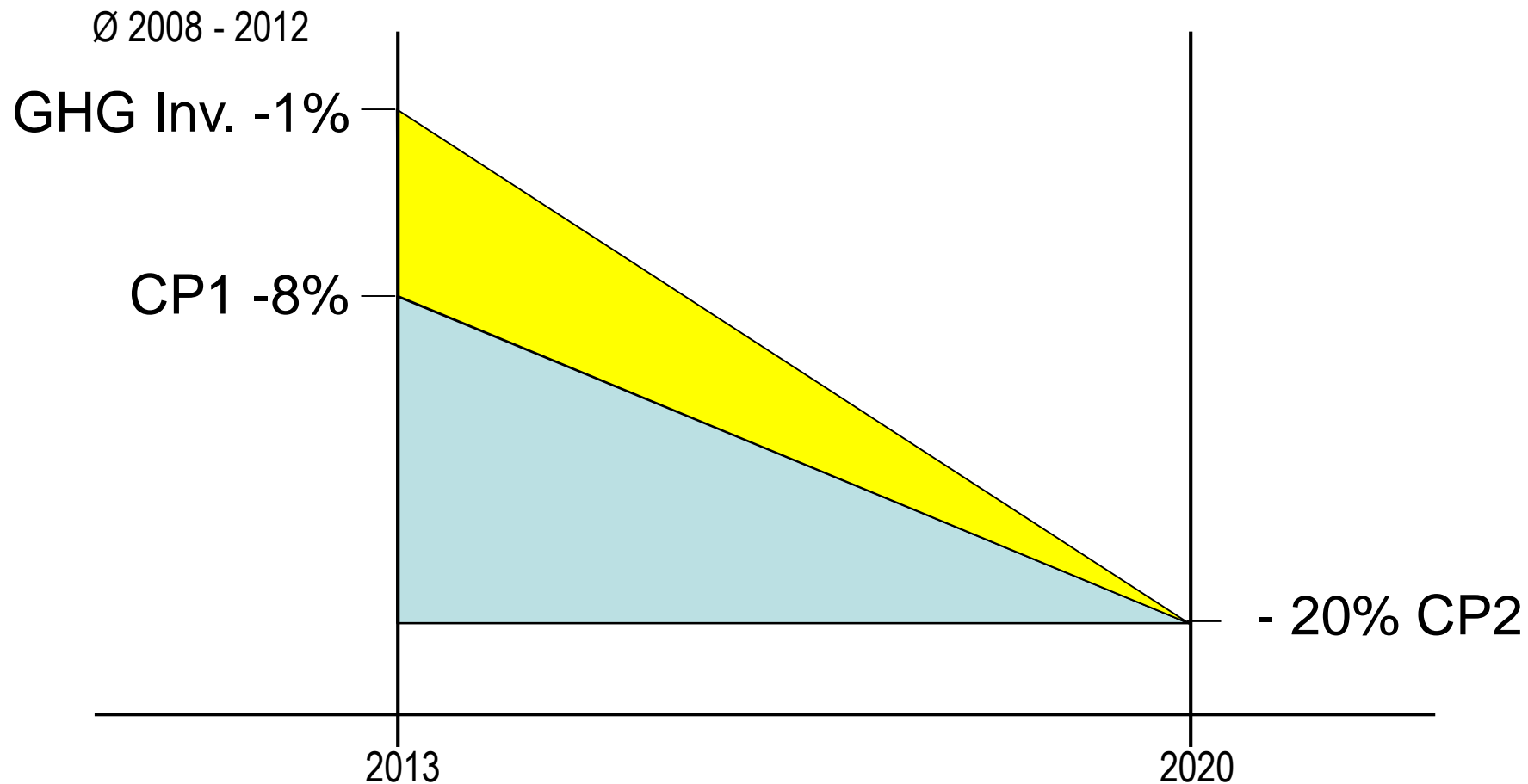
Index 1990 = 100



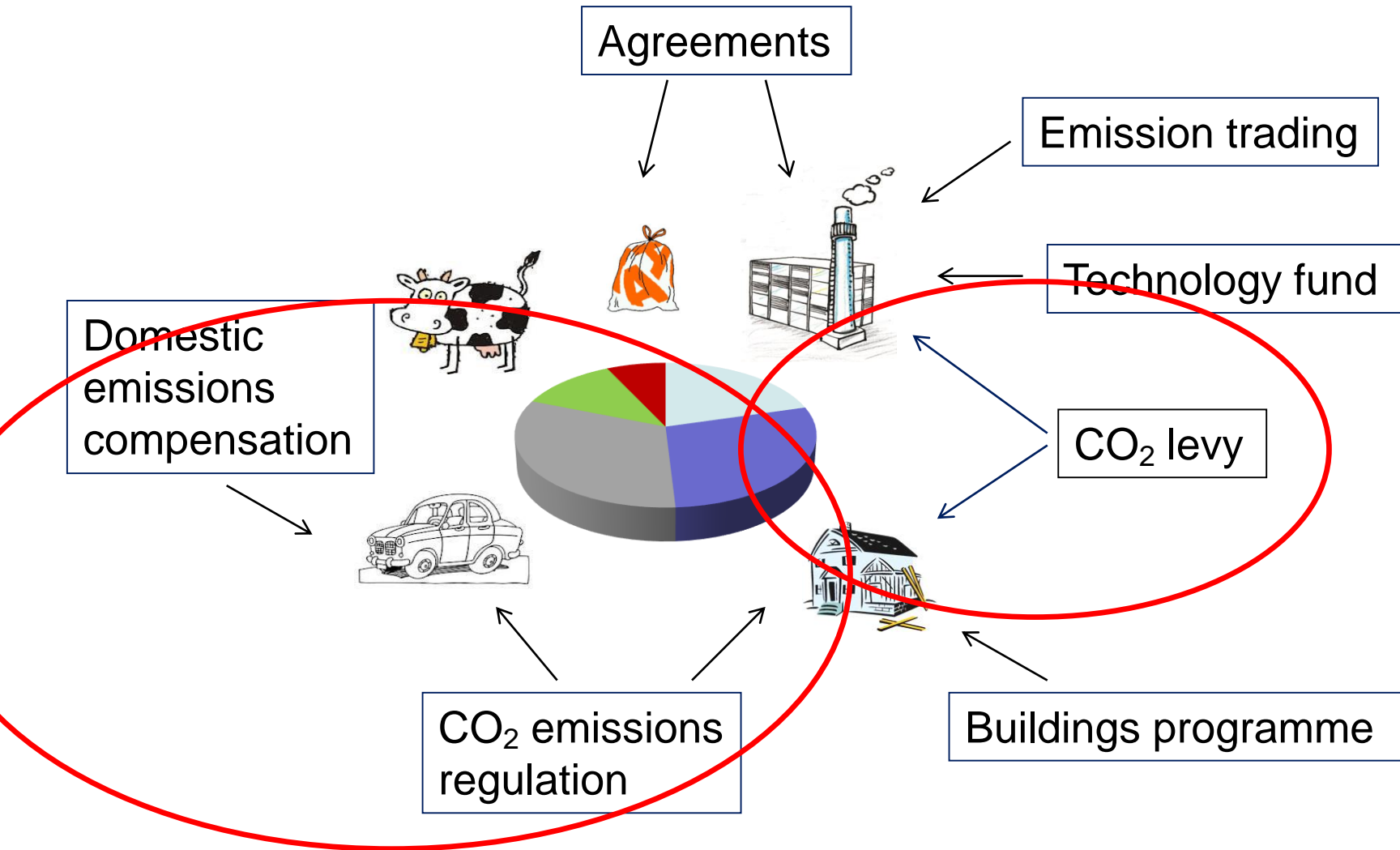
Domestic and international measures Kyoto budget 2008 – 2012



Target for Kyoto CP2 (change relative to 1990 level)

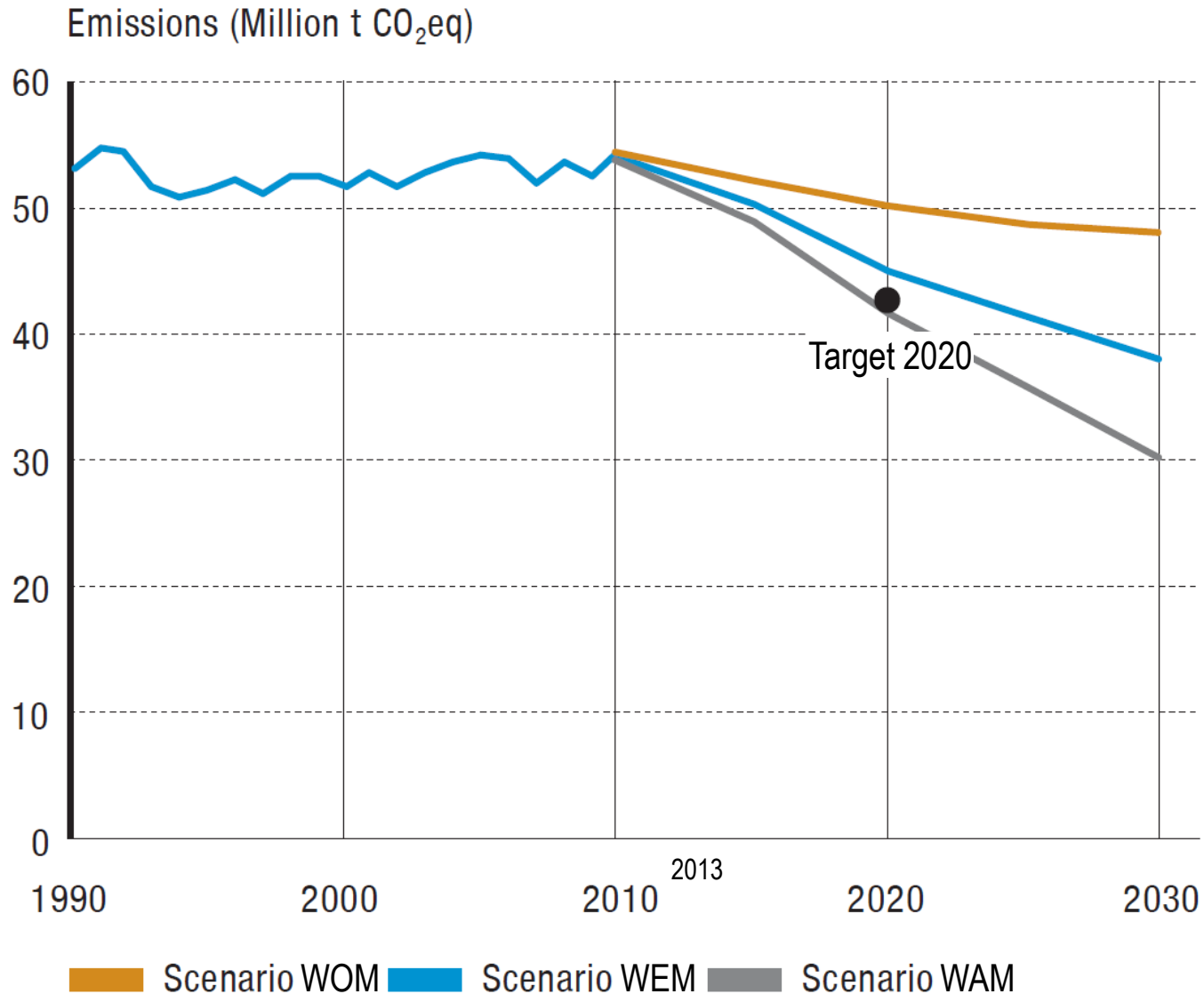


Switzerland's measures





Expected effects of domestic measures





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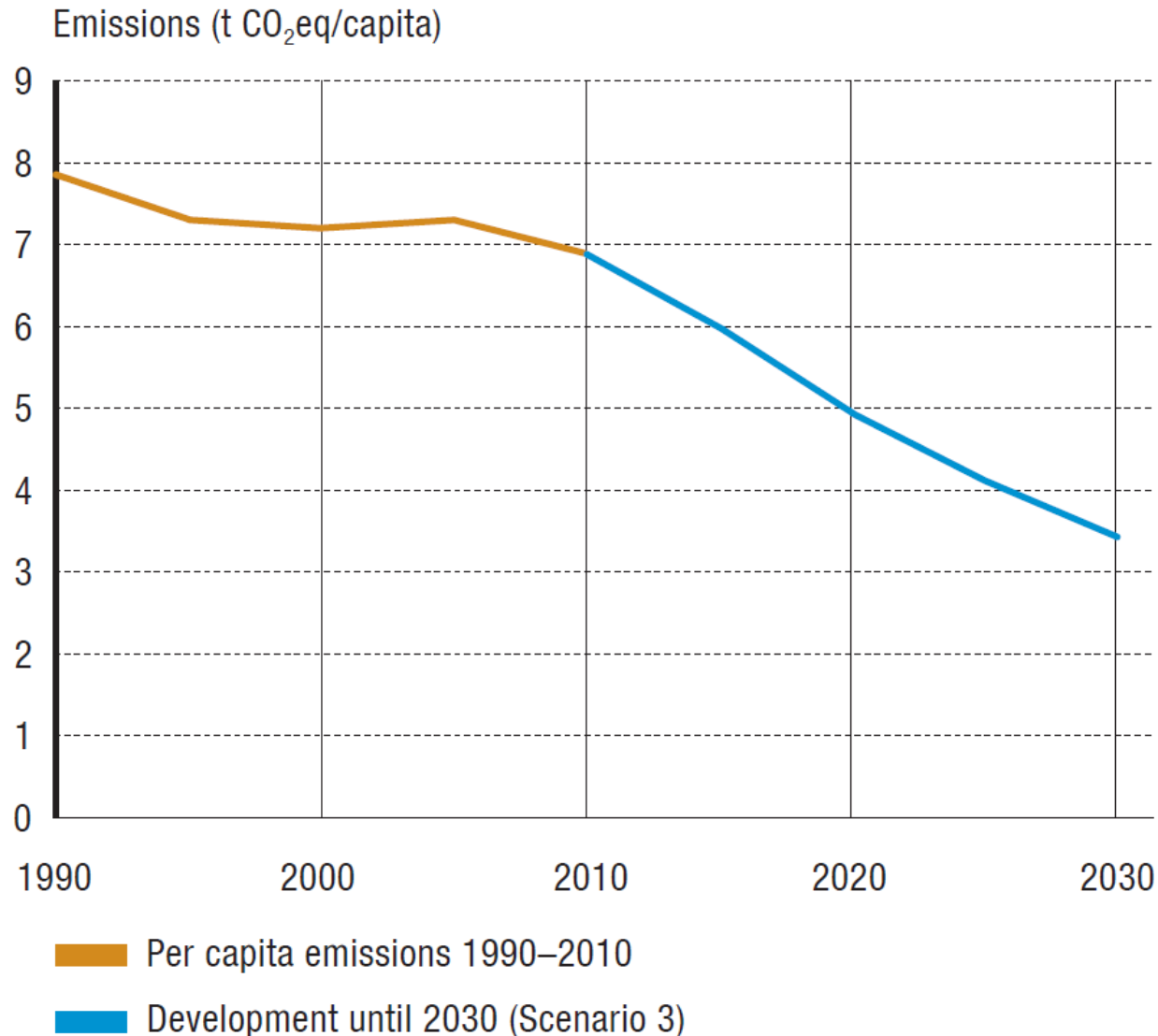


Projections: Selected Assumptions

	2010	2020	2030
Population (million)	7.82	8.38	8.73
GDP (prices 2010, billion CHF)	547	618	671
Oil prices (prices 2010, CHF/barrel)	79.3	98.3	101.7
<i>Scenario 'With Additional Measures'</i>		89.4	83.2
Road share of passenger transport (%)	82	80	79
<i>Scenario 'With Additional Measures'</i>		77	73
Road share of freight transport (%)	63	58	56
<i>Scenario 'With Additional Measures'</i>		54	49



Expected change in per capita emissions

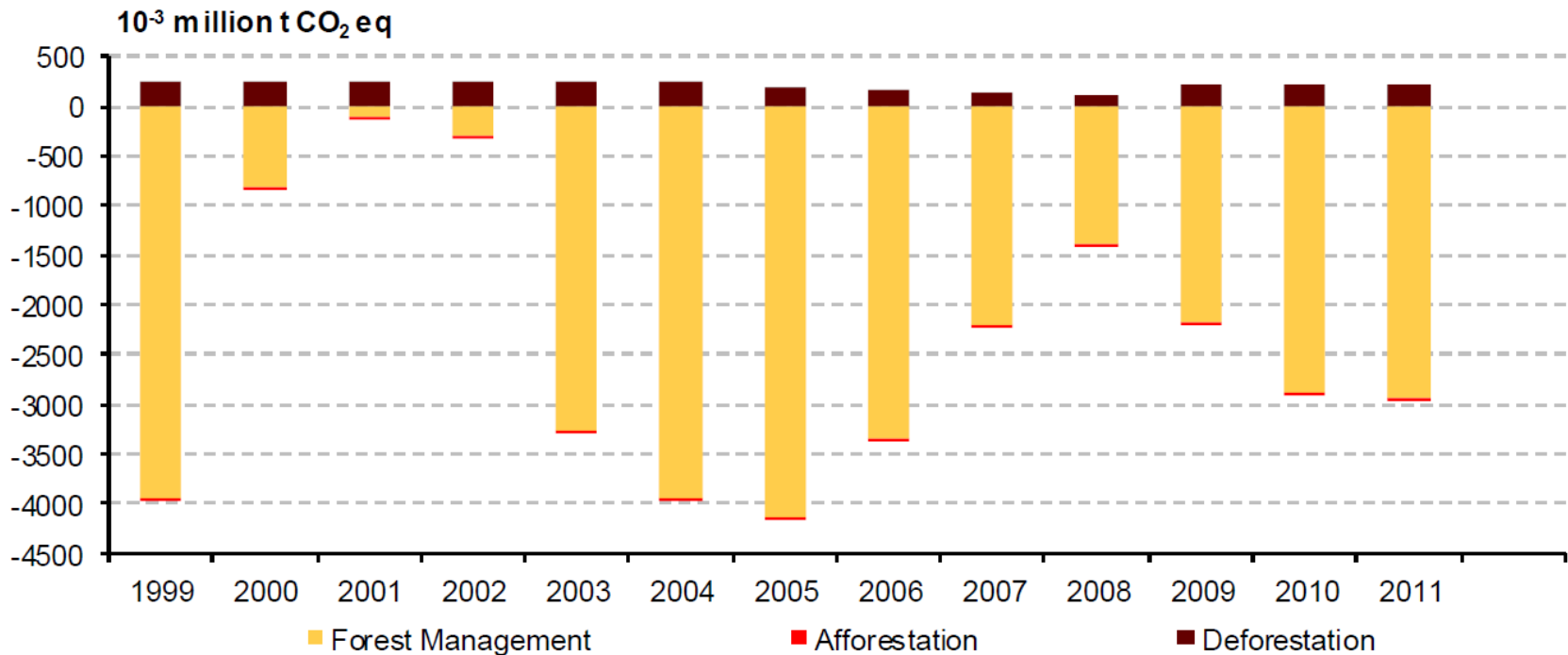




Activities under Art. 3.3/3.4 KP

Fig. 65 > Net CO₂ equivalent emissions and removals (10⁻³ million tonnes) for activities under article 3, paragraph 3 (afforestation, deforestation) and paragraph 4 (forest management) of the Kyoto Protocol, 1999-2011.

Positive values refer to emissions, negative values refer to removals.



CO₂ levy

- Incentive CO₂ levy on the production, extraction and import of thermal fuels
- The rate of the CO₂ levy increases if the interim targets (set for 2012, 2014 and 2016) are not met
- **Example:**
 - In 2016 the CO₂ levy will increase from 60 CHF/tCO₂
 - ⇒ to 72 CHF/tCO₂ if emissions in 2014 exceed 76% of the emissions in 1990
 - ⇒ to 84 CHF/tCO₂ if emissions in 2014 exceed 78% of the emissions in 1990