

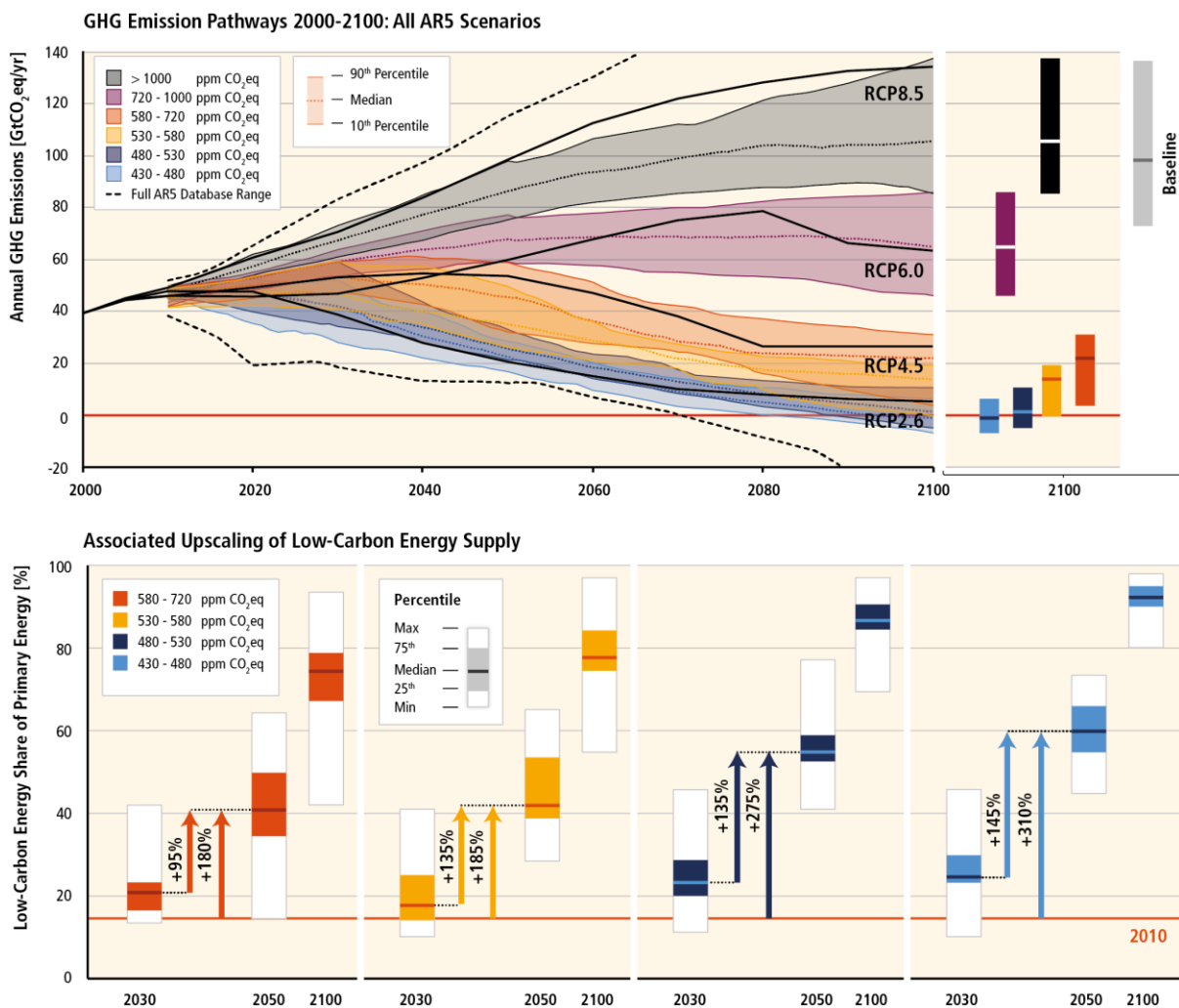
Errata in the Working Group III contribution to the AR5

Handled in accordance with the IPCC protocol for addressing possible errors in IPCC Assessment Reports, Synthesis Reports, Special Reports and Methodology Reports:

http://www.ipcc.ch/pdf/ipcc-principles/ipcc_error_protocol.pdf

Page 11, Summary for Policymakers, Section SPM.4.1, Figure SPM.4

Data in the lower left panel of the figure were incorrect. All three orange bars for the 580-720 ppm CO₂eq category have been adjusted. The upscaling requirements next to the arrows have been corrected from 105% to 95% for the period 2030-2050 and from 190% to 180% for the period 2010-2050. The corrected figure SPM.4 is shown below.



Page 369, Chapter 5, Section 5.10, Column 2, Line 17.

Delete “of this report”. Sentence now reads: “The UN DESA World Population Division expects human population to increase at approximately the rate of recent decades (Section 5.3.2.1).”

Page 354, Chapter 5, Executive Summary, Column 1, lines 22-24

Delete “for energy purposes” and replace “69%” with “65%” to read: Fossil fuel-related CO₂ emissions increased consistently over the last 40 years reaching 32 (± 2.7) GtCO₂/yr, or 65% of global GHG emissions in 2010.

Page 358, Chapter 5, Section 5.2.1, Column 1, Line 21

Replace “In 2010, CO₂, including net land-use-change emissions, comprised over 75 % (38± 3.8 GtCO₂eq / yr) of 100-year GWP-weighted anthropogenic GHG emissions (Figure 1.3)” with “In 2010, CO₂ emissions as reported in the EDGAR dataset (which includes an approximation to CO₂ flux from anthropogenic sources in the FOLU sector) comprised over 75 % (38± 3.8 GtCO₂eq / yr) of 100-year GWP-weighted anthropogenic GHG emissions (Figure 1.3).”

Page 569, Chapter 7, Section 7.14, Column 1, Line 48

Delete “change”. Sentence now reads: “No single mitigation option in the energy supply sector will be sufficient to hold the increase in global average temperature below 2 °C above pre-industrial levels.”

Page 606, Chapter 8, Figure 8.1, Caption

“Direct GHG emissions of the transport sector (shown here by transport mode) rose 250% from 2.8 Gt CO₂eq worldwide in 1970 to 7.0 Gt CO₂eq in 2010 JRC/PBL, 2013; see Annex II.8).”

Should be replaced with:

“Direct GHG emissions of the transport sector (shown here by transport mode) rose 150% from 2.8 Gt CO₂eq worldwide in 1970 to 7.0 Gt CO₂eq in 2010 JRC/PBL, 2013; see Annex II.8).”

Page 641, Chapter 8, Section 8.9.1, Box 8.1, Column 1, lines 26-30

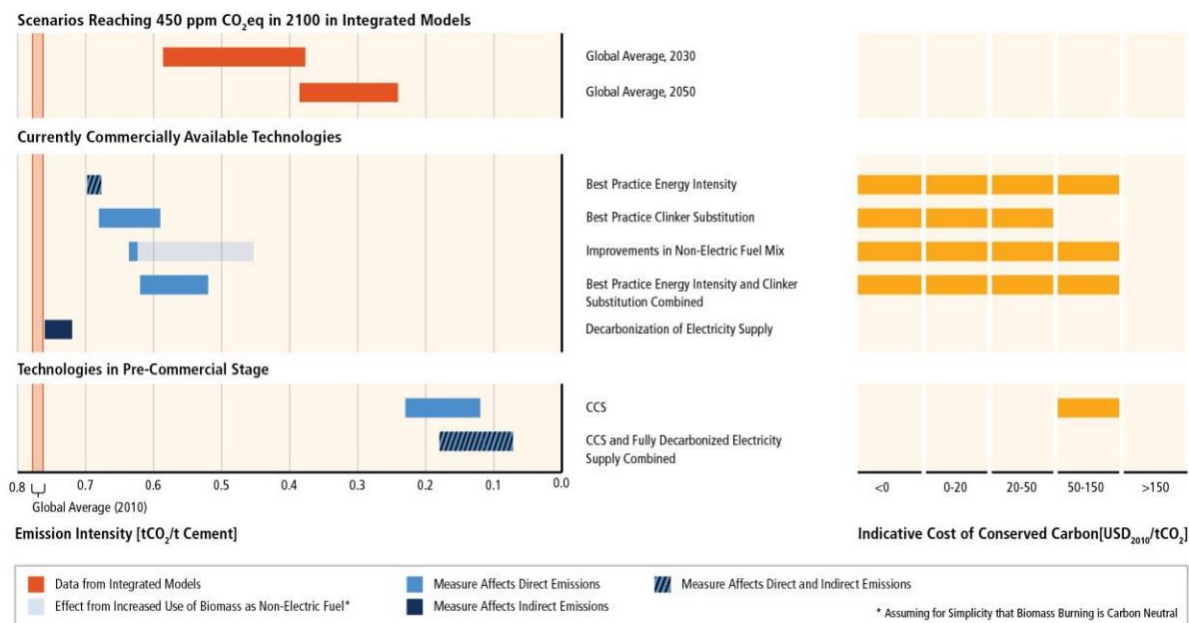
Replace “surpass OECD emissions by 2050” with “have surpassed OECD emissions by 2020” and “at will remain below the average in OECD countries.” with “will remain below the average in OECD countries beyond 2050.” to read: Total transport emissions from non-OECD countries will likely have surpassed OECD emissions by 2020 due to motorization, increasing population and higher travel demand (Figure 8.10). However, estimated average personal travel per capita in non-OECD countries will remain below the average in OECD countries beyond 2050.

Page 648, Chapter 8, Section 8.12, Column 1, lines 23

Delete “at continued current rates of growth”. Sentence now reads: “Based on continuing current rates of growth for passengers and freight, and if no mitigation options are implemented to overcome the barriers [8.8], the current transport sector’s GHG emissions could increase by up to 50% by 2035 and almost double by 2050 [8.9].”

Page 768, Chapter 10, Section 10.7.3, Figure 10.7

The pale blue bar in the left-hand panel referring to “Improvements in Non electric fuel mix” should extend to the right only as far as 0.458 tCO₂/t Cement and not as far as 0.120 tCO₂/t Cement. The corrected Figure 10.7 is shown below.



Page 845, Chapter 11, Section 11.5.3, Column 2, lines 39 and 44

Replace “Fenner et al.” with “Fenner and Freeman”

Page 896, Chapter 11, References, Column 1, lines 11-14

Replace reference with: Fenner N., and C. Freeman (2011). Drought-induced carbon loss in peatlands. Nature Geoscience 4, 895–900. doi: 10.1038/ngeo1323, ISSN: 1752-0894.

Page 1189, Right hand column, Line 21

Replace “these efforts can used” with “these efforts can be used”

Page 1190, Right hand column, Line 9-10

Replace "multiple instruments such a carbon tax" with "*multiple instruments such as a carbon tax*"

Page 1297, Annex II, Left had column, Figure A.II.4:

The units on the X-axis should be: " tCO2 / TJ"

Page 1297, Annex II, , Left had column, Lines 40-42

“The emission factor for natural gas, 56.1 tCO2 per PJ combusted, is shown in the graph for comparison.” Should be replaced with “The emission factor for natural gas, 56.1 tCO2 per TJ combusted, is shown in the graph for comparison.”