

Interactive comment on “Future impact of traffic emissions on atmospheric ozone and OH based on two scenarios” by Ø. Hodnebrog et al.

Anonymous Referee #1

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This is a clearly written paper showing new results on the impact of traffic on tropospheric chemistry and radiative forcing for future emission scenarios. The results are presented alongside previous results for other transportation sectors to give a summary of the impact of aircraft, shipping and road traffic emissions. The results are presented clearly, but concisely in figures and tables. Relevant literature is cited and compared to the new results.

Except for a couple very minor points, I recommend publication.

Fig. 2 & 4. I don't understand what the white contours show. I thought the color contours are the difference between a 5% perturbation in the emissions of each sector and the BASE run. Please explain in the text and the figure caption.

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p. 20984, l.10: whereof should be whereas

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 20975, 2012.

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