

Interactive
Comment

Interactive comment on “TNO-MACC_II emission inventory: a multi-year (2003–2009) consistent high-resolution European emission inventory for air quality modelling” by J. J. P. Kuenen et al.

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First of all, we thank the reviewer for providing comments to our paper. The reviewer is correct that the article is mainly focused on describing the resulting dataset and how this dataset was derived. In order to address also the quality of the results, we have produced a revised manuscript where the we have included more description on the quality of the results. Part of this is a comparison between our inventory and other emission datasets, e.g. reported emissions data directly, GAINS and EDGAR. Also, we have prepared an additional section on uncertainties associated with emission inventories. It will not be possible to provide a full uncertainty assessment due to

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lack of data. However, by providing information from other sources in our paper we think a good indication of the uncertainties associated with this emission inventory can be made. A revised manuscript where the changes have been processed has been prepared.

A PDF version of the revised manuscript is attached to this response.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/14/C6330/2014/acpd-14-C6330-2014-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 5837, 2014.

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