

***Interactive comment on* “On the long term impact of emissions from central European cities on regional air-quality” by P. Huszar et al.**

Anonymous Referee #2

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The study investigates the impact of anthropogenic emission over the central Europe using the online-coupled RegCMCAMx4 model system over a 10-year period. A number of sensitivity simulations are conducted over a base case simulation and the results show that the impact on a chosen city from all other large cities is very small and that NMVOC is the key pollutant to reduce among NO_x in order to achieve significant ozone reduction over cities in central Europe.

The paper is well written, although a bit lengthy in the introduction and conclusions. I would recommend to move some of the discussion to the results section and reduce section 5 only to the main conclusions of the study and therefore gain some more space for the validation part to include maybe meteorology as an online-coupled model is used.

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One important technical comment is that the figure legends and axes would look much better and more readable if larger fonts are used.

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 32101, 2015.

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