

The paper is much improved and is much better to read and understand. There are still a few issues which I think need to be addressed before publication:

- 1) There is a diesel exhaust study included in the table of studies in African cities – I do not think that these measurements should be compared in a table of ambient air concentrations – it is important but would be more correctly grouped with emission source concentrations. Therefore I would remove the discussion of this paper in the text and from the Table.
- 2) The authors now do an excellent comparison of the NO₂ and HNO₃ measurements and demonstrate clearly little interference in the passive measurements. It would be worth mentioning the other NO_y species including HONO (which can deposit as nitrite which oxidises over to nitrate)
- 3) For the ammonia concentrations I think it would be useful for the reader to understand what the typical concentrations observed compare to – they are very high compared to background levels and similar to concentrations found near agricultural sources.
- 4) The final section I think should focus a bit more time on the atmospheric chemistry implications and what they may be having on the population and ecosystem. Just a paragraph pulling it back together at the end.
- 5) In the conclusions and recommendations I would minimise the references to new projects and what they are going to do as although useful information that the data is feeding into new research, it distracts from a coherent summary of the work presented.