

***Interactive comment on “***

**Dry deposition of reactive nitrogen to European ecosystems:  
a comparison of inferential models across the NitroEurope network” by C. R. Flechard et al.**

**C. R. Flechard et al.**

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Authors response to referees and interactive comments

Dear Editor,

We are grateful to the two anonymous referees for their positive comments and largely constructive criticism of the manuscript, which are answered in detail in the attached supplement “ResponseToReferees.PDF”. We have used a different font and colour (Ar-

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ial blue) to distinguish comment from reply. Proposed additions to the original text are shown in italics.

Significant changes have been made to Section 3.3 (Comparison with flux monitoring datasets), which was split into 3.3.1 for NH<sub>3</sub> and 3.3.2 for NO<sub>x</sub>, for which a substantial discussion has been added together with flux data from 3 sites (addition of Table 4). The end of the introduction was modified to state the objectives of the paper more clearly, and to specify and limit the scope of the study. A map of the inferential network will be added to the supplement, and is displayed on the last page of the attached document.

We also thank Dr X. Ge for the interactive comment concerning atmospheric amines, we have added their Atmospheric Environment review paper to the references.

We look forward to seeing the paper in print.

With best wishes,

C.R. Flechard and co-authors.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/10/C14312/2011/acpd-10-C14312-2011-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., 10, 29291, 2010.