



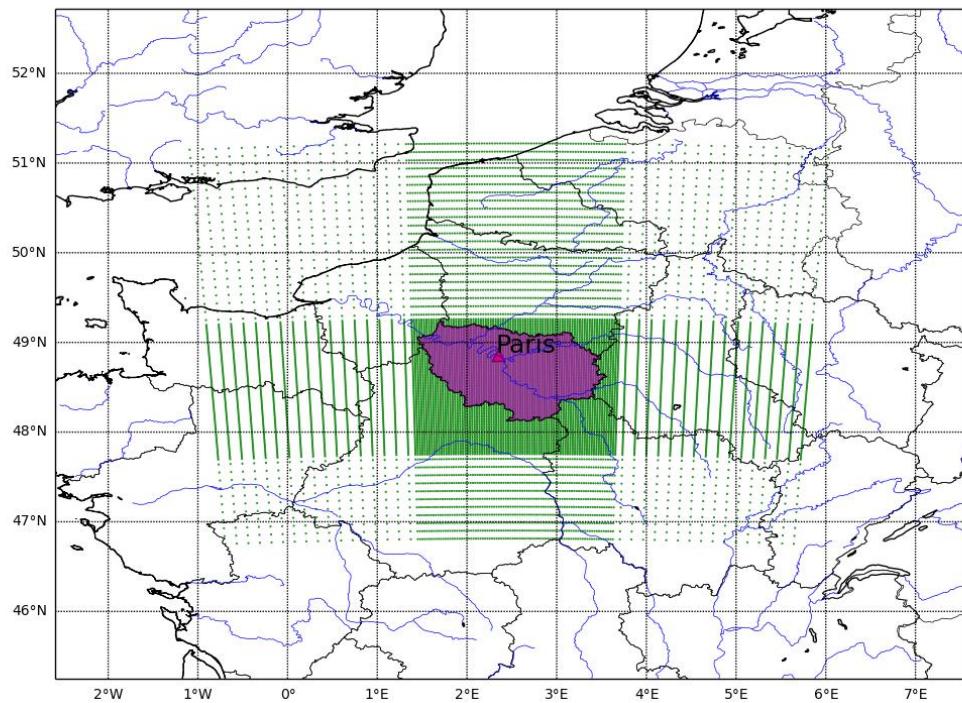
*Supplement of*

## **What would dense atmospheric observation networks bring to the quantification of city CO<sub>2</sub> emissions?**

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1 Supplementary Figure S1 Domain of inversion in our study. The triangle in red marks out a  
2 point in central Paris, the central area in magenta shows the IDF region, and the green dots  
3 show the CHIMERE model grid at 2 km resolution for the central area covering IDF and its  
4 vicinity and at 2 km  $\times$  10 km to 10 km  $\times$  10 km resolution over the rest of the domain.