



CO₂-Megaparis: an intensive study of CO₂ emissions from Paris megacity (in collaboration with the EU project MEGAPOLI)

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The main city of France, Paris, is located in the center of the region Ile-de-France and is the third megacity in Europe. Ile-de-France covers 2% of France territory, but represents 14% of its emissions. Nowadays, CO₂ emissions from Ile-de-France are known only through inventories, but no independent verification has been provided. Furthermore, the role and variability of the different emission types need to be better assessed. We present here the project CO₂-MEGAPARIS funded by the French Agence Nationale de la Recherche, that aims to verify inventories from Ile-de-France through the use of powerful modeling and observational tools, at an hourly scale and a spatial resolution up to 2.5 x 2.5 km². First results from an intensive campaign organized in January and February 2010 in Ile-de-France via a collaboration with the EU funded project MEGAPOLI will be presented.