

## **Annex 8.2 - Explanations for the calculation of specific emission factor for each fuel and using calculation methods associated with the Tier 2 approach on the Sub-sector Road Transport- Energy Sector**

For Road Transport was used COPERT III model . For the years 1990 – 2004 activity data for population were taken from the link [www.emisia.com/Copert/Vehicle Fleets/](http://www.emisia.com/Copert/Vehicle Fleets/) Road Data for Romania and I compared with data for Bulgaria and Hungary (neighboring countries). For the years 2005-2009 activity data were provided by Romanian Auto Register (RAR). In collaboration with Air Quality Department, we aggregated the raw data on mileage, speed and other parameters useful in COPERT III.

Database created by running the model COPERT III, reports generated CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub> and NO<sub>x</sub>, NMVOC, CO, SO<sub>2</sub> emissions.

These emissions have been introduced in the CRF tables.