



UFIPOLNETnews No. 2 (Feb-2006)

Dear reader,

this are NEWS for measuring ultrafine particles in ambient air.

- 1 UFIPOLNET Website with new contents (EN, DE)
- 2 EU Commission puts "number of particulates" in EURO5 norm process (EN)
- 3 Composition of ultrafine particles in Saxony (DE)

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1 UFIPOLNET WEBSITE

The official UFIPOLNET website with information in German and English.
Current contents:

- New Information about the project
- UFIPOLNETnews now online available
- Progress report 1 online in February

http://www.umwelt.sachsen.de/lfug/luft-laerm-klima_ufipolnet.html

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2 EU Commission puts "number of particulates" in EURO5 norm process

The EU Commission wrote a press release (Reference: IP/05/1660 Date: 21/12/2005) to announce their final proposal for the EURO5 norm (regulating emissions from cars):
<http://europa.eu.int/rapid/pressReleasesAction.do?reference=IP/05/1660&format=HTML&aged=0&language=EN&guiLanguage=en>

The Euro 5 Emission Limits are on page 26.
One column is called "Number of particulates" unfortunately without a number standard. Instead it is stated: "A number standard will be defined at a later stage"
<http://europa.eu.int/comm/enterprise/automotive/directives/proposals.htm>
http://europa.eu.int/comm/enterprise/automotive/directives/vehicles/2280_en_final.pdf

This is perhaps the first time that "number of particulates" as a measuring unit is mentioned in the process of a European regulation for a limit value.

This topic was written in the "Frankfurter Allgemeine Zeitung" on the 17-Jan-2006 (see attached article).

This underlines the importance of the EU-project UFIPOLNET, which aims to make measurements of number of particulates with routine measuring container inside of measuring networks easier, cheaper and more reliable. To measure number concentrations of particulate matter at different locations over a longer period will be one way of showing the possible reduction of the number concentrations of particulates in European cities after particulate filters for cars are implemented in Europe.

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3 Composition of ultrafine particles in Saxony

Background Information about composition of ultrafine particles can be found at:
http://www.umwelt.sachsen.de/lfug/luft-laerm-klima_12888.html

One link leads to the results of research project at a traffic station in Dresden, Saxony:
"Korngrößendifferenzierte Feinstaubbelastung in Straßennähe in Ballungsgebieten Sachsens"
is ready for your Download as a PDF-file in a complete and a short version in German:
http://www.umwelt.sachsen.de/lfug/documents/LFUG_EFPAbt2_KORNGR_030401_041231_050817_4_7_MB.pdf

Summary in German:
http://www.umwelt.sachsen.de/lfug/documents/EF_korng_r_ref22_Populaerwis_summ_korngfeinstaub_05_0802.pdf

You can find the English Summary here:
http://www.stadtentwicklung.berlin.de/umwelt/luftqualitaet/de/werkstatt_feinstaub/abgeschlossen.shtml

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Ultrafine particle size distributions in air pollution monitoring networks
With the contribution of the LIFE financial instrument of the European Community: LIFE04 ENV/DE/000054.