

Informal group on retrofit emission control devices

Meetings held on June 7, September
27 and January 11 (this week)

Drafting meeting at VDMA on
November 17

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First meetings spend on basic principles and determining the precise terms of reference

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First draft Regulation prepared by
Leif-Erik Schulte in December 2010

First discussions on draft regulation
on January 13 2011

Identification of issues to be solved

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Approvals for systems that:

- Reduce PM and not significantly increase NO₂
- Reduce PM as well as NO_x and thus NO₂
- Reduce NO_x and thus NO₂

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Approvals shall show compliance with certain limit values for an engine family as well as emission reduction percentages for an emission reduction system family

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Challenge: to find criteria and procedures that give reproducible test results during type approval and which guarantee durable and affordable systems that really improve air quality during real world operation without negative side effects.

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Issues under discussion:

- NO₂ emissions
- Particulate number criteria
- Involvement of Original Engine Manufacturer
- Extension of scope to older engines, not having been tested according to R96
- Implications of the safety provisions of the machine directive

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Next meetings possibly in March and in conjunction with GRPE 62