

VERT[®] Newsletter 02/2014

Review of the 5th VERT[®] Form in Duebendorf

T.: +41-56 442 1818
F.: +41-56 442 1810
E.: vert@jcag.ch
www.vert-dpf.eu

In March 2014 the **5th VERT[®] Form in Duebendorf/Switzerland** was held. Looking back to another very comprehensive event it underlines more than ever the need of working solutions for improving air quality; fine particles and genotoxic effects caused by mobile sources of internal combustion engines ought to be eliminated.

Since 2012 when the World Health Organization (WHO) has classified diesel exhaust as a class 1 carcinogen we see a continuous growth of actions all around the world and we expect even more legislative actions in the future. Maybe this was one of the reasons for the very high interest with more than **110 attendees** from many places round the world at this year's VERT[®] Form.

As always we had this year sessions with **widespread topics**, as there are: research, technological solutions, **VERT projects in various regions**, progress in measurement techniques as well as an outlook for upcoming standards and legislations.

Research results were presented for SDPF and petrol engine emissions. Due to the good progress in reduction of diesel particle emission thanks to filter-technology, exhaust of gasoline engines are about to get attention such that reducing fine particles by filters is seriously considered as an option requested in near future.

Innovative technologies were presented amongst others for thermal management by exhaust flow throttling, thermal management by full flow burners, three novel portable instruments for PN emission measurement to replace opacimetry in quality control.

The human need for mobility will still significantly grow over the next years and

besides upcoming new technologies like electro-mobility and fuel cells, diesel engines will remain the working horse during the next decades. We see that diesel engines equipped with exhaust after-treatment of **Best Available Technology** provide both, a clean and a save power source. Despite that, engines may still be optimized further in the future.

Speakers from Bogotá, Tehran, Tel Aviv, Soul and Berlin demonstrated this convincingly by presenting the progress of the retrofit programs in their regions.

The **24 very well prepared presentations** brought forward at the 5th VERT Forum are **available on CD** for your records, providing you with an excellent possibility to understand the intricacies of diesel after-treatment technologies and their performance in the field. If you were not able to attend this time, you may be interested to receive the CD. **Please don't hesitate, contact us and ask for a copy.**



We thank all speakers and believe that the 5th VERT Forum will be remembered as a good educational and successful event and also all participants for their contributions brought forward in the discussions.



We especially like to **thank EMPA** and the team in Duebendorf for supporting the forum and hosting this conference in a very professional and hospitable manner.

Please save the date and don't miss the chance to participate:

The 6th VERT forum will take place in Duebendorf/Zuerich on March 20th 2015.



March 2014

To the President of
VERT[®]-Association
c/o JCA Treuhand AG
Badenerstrasse 9

CH – 5200 Brugg

Application Form For VERT[®] Association Membership

We herewith apply for becoming a full member of the VERT[®] association. The yearly membership fee is 7,500 CHF. Please include the following contact person into the VERT database for newsletters about emission reduction, world wide aftertreatment projects and everything related to verification of emission reduction technologies.

Yours sincerely,

company name:

contact person:

address:

phone:

e-mail:

