

Report of the first Iranian PPP meeting and stakeholder process for future of clean diesel in Iran

April 18, 2015, Tehran, Iran

The first Iranian private public partnership (PPP) meeting and stakeholder process for future of clean diesel for Iran, organized by AQCC, DOE and VERT, was held on April 15-16 in Tehran.

More than 180 participants from Iranian and European OEMs, department of environment, ministry of industry, and association of vehicle manufacturers along with VERT association and diesel particulate filter (DPF) manufacturers, Tehran air quality control co., and Sharif University of Technology experts got together in this two-days long event to discuss the new DPF legislation and possible routes to the future of Iranian clean diesel.

On the first day, the forum was opened by a presentation by AQCC and FCE exhibiting the dangerous situation of Tehran air with respect to particles. It was followed by a strong message from DoE in which the new legislation was supported. VERT and TTM presented the possibilities of UFP removal from exhaust of diesel vehicles using BAT filters. Several technical presentations on UFP and use of DPFs were given. An overview on emission reduction legislations were presented by TÜV SÜD. Scania and Isuzu from foreign OEMs and Iran Kohdro Diesel and Saipa Diesel from Iranian OEMs presented their clean diesel solutions. Iranian OEMs raised concerns with respect to the new DPF legislation with respect to fuel quality and sulfur content, lub oil quality, required infrastructure, required R&D time, and specific problems with respect to use of DPFs such as fire hazards.

In the afternoon, results of first DPF tests in Iran on engine test bed and on public transit buses were presented by AQCC and FCE. It was followed by a panel discussion and heated debate between OEMs, legislators, VERT and TÜV in which issue for industrial implementation of DPFs were reviewed.

At the end of the first day, a round table discussion between representatives of all key stakeholders was held, the outline of activities of working group to draft the legislation was prepared and future activities to finalize the new legislation was agreed among participants.

In the second day, a report of Tehran bus fleet DPF retrofit project was presented by AQCC. Several DPF technologies were presented by VERT members, followed by panel discussion.

Testimonies of participants indicated that the first meeting of such kind with targeted audience and focused subject was very much successful and everybody enjoyed an open atmosphere in which all issues related to the new legislation was put on the table and all issues were raised. While the meeting did not conclude the final legislation for diesel engines in Iran, but all of various stakeholders concerns were reviewed and a process was defined in which the concerns will be considered for the legislation. The Kick-off Meeting for this stakeholder process was held during the PPP with 14 stakeholders including Ministry of Industry, Ministry of Oil, DOE, TÜV SÜD, VERT AQCC and OEMs from Iran and abroad to define the emission legislation for diesel engines in Iran..

All participants and stakeholders were agreed on the necessity of providing clean air and removing UFPs from diesel exhaust, the methods, strategies, technologies, and time lines are yet to be determined through this process.

AQCC= Air Quality Control Company

DOE= Department of Environment

VERT= Association based in Switzerland for Best Available Emission Control Technology

FCE= Fuel, Combustion, and Emission group at Sharif University Tehran

UFP= Ultra Fine Particles

DPF= Diesel Particle Filter

OEM= Original Equipment Manufacturer