



FINAL EVENT

TRA – Vienna, Austria

Real World Advanced Technologies
for Diesel Engines

Welcome!

Herwig Ofner

AVL List GmbH, Austria

18-April-2018



SCHAEFFLER



www.project-reward.eu



Adenda (1) – Welcome & Keynote



Michal KLIMA
Senior Project Manager



European Commission
Innovation and Networks Executive Agency (INEA)
Horizon 2020 - Unit H2 - Transport Research
Chaussée de Wavre 910
W910 03/56
B-1049 Brussels

Opening: **Michal Klima**

Keynote: **Prof. Bernhard Geringer**
Director of Institute for Powertrains and
Automotive Technology
Vienna University of Technology

Univ.-Prof. Dr. Bernhard **GERINGER**
Institut für Fahrzeugantriebe und
Automobiltechnik
Technische Universität Wien

09.00 Registration



Introduction

09.30 **Welcome**

Herwig Ofner, AVL List GmbH

09.45 **Keynote: The Future of Diesel Engines for
Passenger Cars**

Prof. Dr. Bernhard Geringer, Director of Institute
for Powertrains and Automotive Technology
Vienna University of Technology

10.15 **Discussion**

10.25 Coffee break and poster session



Adenda (2) – REWARD



Outcomes REWARD

10.45 **REWARD Introduction and Project Overview**
Herwig Ofner, Project Coordinator

Herwig Ofner; Project overview



11.00 **Aftertreatment System Technologies and Technologies for High Efficiency (friction reduction and combustion efficiency)**
Marco Tonetti, CRF
Ricardo Brugnara, Schäffler

Marco Tonetti; Aftertreatment systems
Ricardo Brugnara; Friction & efficiency



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11.20 **Engine Right Sizing Approach for a Passenger Car**
Ludwig Buegler, AVL List GmbH
Philippe Mallet, Renault

Ludwig Bürgler; Engine right sizing approach



11.40 **Engine Downsizing Approach for a Passenger Car**
Stefan Bohatsch, Volvo

Stefan Bohatsch; Engine downsizing approach



12.00 **2-Stroke Engine Architecture**
Fano Rampanarivo, Renault



Fano Rampanarivo; 2-Stroke engine architecture

12.20 Lunch break and poster session



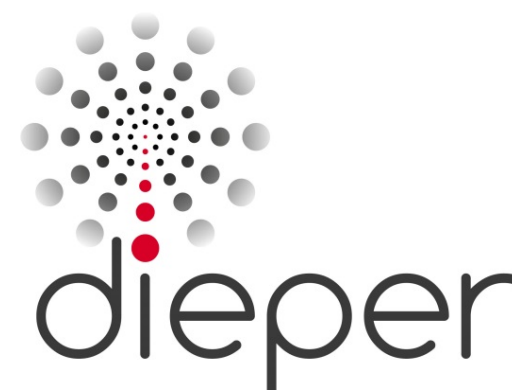
Adenda (3) – dieper

Related EU project - dieper

13.00 dieper - new technology for limiting pollutant emissions under Real Driving conditions from Diesel engines
Herwig Ofner, AVL List GmbH

13.45 Panel Discussion

Results and Conclusions



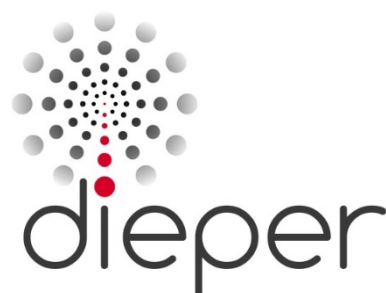
Diesel efficiency improvement with
Particulates and Emission Reduction

MID TERM EVENT

Panel Discussion:



&



Adenda (4) – Demonstrator vehicles



REWARD demonstrators outside

- 15.30 **Demonstration of the Renault Kadjar & the Volvo XC60 MY2018, followed by Q&A with the engineers from Renault & Volvo:**
Stefan Bohatsch, Håkan Persson
Marie Stenfeldt, Markus Ekström
Philippe Mallet
- 17.00 End of conference

REWARD demonstrator vehicles outside!

Renault Kadjar

Volvo XC60

