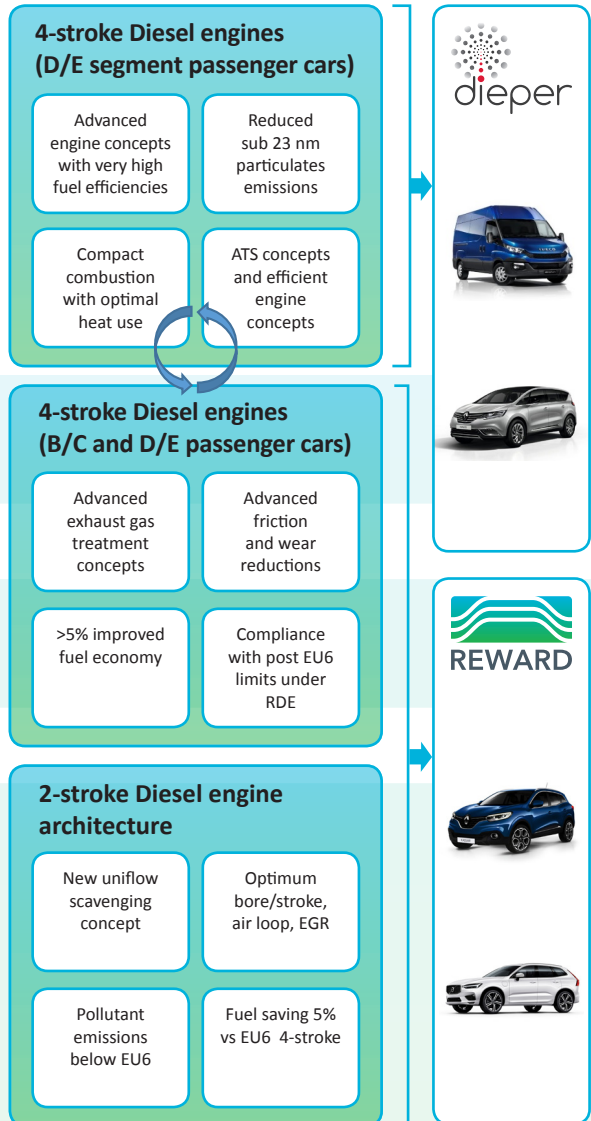


1. Limiting pollutant emissions under Real Driving conditions
2. Advancing and optimising Diesel aftertreatment technologies to TRL7



OEM partners



Suppliers and services



Research partners



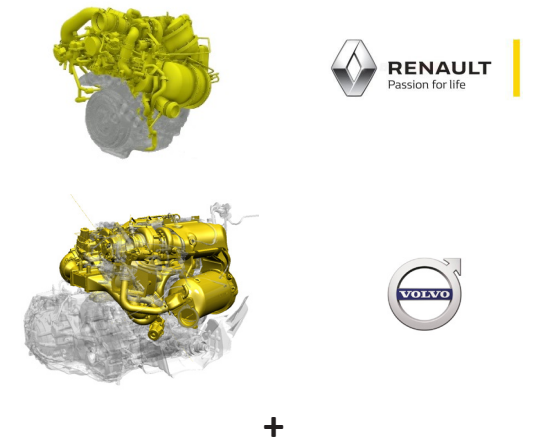
The projects have received funding from the European Union's Horizon2020 research and innovation programme under Grant Agreement no. 723976 and 636380.



Real World Advanced Technologies
for Diesel Engines

FINAL CONFERENCE

18 April 2018 | TRA 2018 | Club



dieper
Diesel efficiency improvement
with Particulates and Emission Reduction

MIDTERM CONFERENCE

The project

The goal of REWARD is to develop advanced Diesel engines that are able to respond to the demands of the future. REWARD develops Diesel powertrains and ATS technologies for the next generation of cleaner passenger cars.



Herwig Ofner, Project Coordinator

Due to the high fuel economy of Diesel engines REWARD plays into this enormous improvement potential to stimulate the development and use of Diesel engines in all vehicle classes.

FINAL stakeholder conference

We would like to share the REWARD innovations, the results we have achieved in both REWARD and dieper projects, and our vision for the future of Diesel engines at the Transport Research Arena 2018.

Registration

This is an open event (free of charge) taking place as official side event to TRA2018. Please note that you need to have a valid conference-ticket for TRA2018 on Wednesday 18 April 2018. Lunch and coffee breaks during the conference are included. You can secure your ticket here: <http://www.traconference.eu/>. In case you wish to be kept informed about the event, please also register with Mrs Ilse Claassen: i.claassen@uniresearch.com by sending your name and surname.

The venue

Transport Research Arena 2018
Reed Messe Wien GmbH
Messeplatz 1 - Vienna



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

Outcomes REWARD

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

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

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

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

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



12.20 Lunch break and poster session

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

14.30 **Results and Conclusions**
Herwig Ofner, AVL List GmbH

15.00 Coffee break and poster session



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