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

### Innovations

#### 4-stroke Diesel engines (D/E segment passenger cars)
- Advanced engine concepts with very high fuel efficiencies
- Reduced sub 23 nm particulates emissions
- Compact combustion with optimal heat use
- ATS concepts and efficient engine concepts

#### 4-stroke Diesel engines (B/C and D/E passenger cars)
- Advanced exhaust gas treatment concepts
- Advanced friction and wear reductions
- >5% improved fuel economy
- Compliance with post EU6 limits under RDE

#### 2-stroke Diesel engine architecture
- New uniflow scavenging concept
- Optimum bore/stroke, air loop, EGR
- Pollutant emissions below EU6
- Fuel saving 5% vs EU6 4-stroke

### Partners

#### OEM partners
- CRF
- RENAULT Powertrains
- IVECO
- FPT Powertrain Technologies
- VOLVO

#### Suppliers and services
- Johnson Matthey
- Delphi Technologies
- AVL
- BOSCH
- SIEMENS
- SCHAEFFLER
- FAG
- Continental
- UNIRESEARCH

#### Research partners

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

#### Final Conference
18 April 2018 | TRA 2018 Galerie 5+6

### MIDTERM CONFERENCE

DieSEL efficiency improvement with Particulates and Emission Reduction

www.project-reward.eu | www.dieper-project.eu
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: ilclaassen@uni-research.com by sending your name and surname.

The venue

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

Program

[Program details]

www.project-reward.eu | www.dieper-project.eu