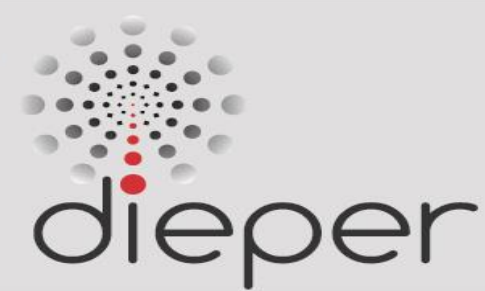


# Joint FINAL EVENT



25 September 2019 **Graz Austria**

## OEM partners



**IVECO**



dieper and upgrade partners

## Suppliers and services



**Diesel efficiency improvement with  
Particulates and Emission Reduction**

FUTURE ENGINES: CLEVER  
COMBINATION OF DIFFERENT  
TECHNOLOGIES

## Research partners



The projects have received funding from the European Union's Horizon2020 research and innovation programme under Grant Agreement no. 723976 and 724036.



[www.upgrade-project.eu](http://www.upgrade-project.eu)

[www.dieper-project.eu](http://www.dieper-project.eu)



# Programme



08.30 Registration

## Introduction

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09.00 **Welcome and EC view on the success of 3 years of research on nano particles, achievements and successes**

M. Kousoulidou Project Manager EC / INEA

09.10 **dieper- new technology for limiting pollutant emissions under Real Driving conditions from Diesel engines**

H. Ofner, Project coordinator  
AVL List GmbH

09.25 **upgrade project - Particles emissions from GDI combustion system**

S. Zandiri, CRF

09.40 **Compact combustion concept for lowest PN and High Efficiency**

L. Buegler AVL & P.Mallet Renault

10.00 **Highly efficient and clean LCV**

K. Pfriftis FMF

10.20 Coffee break

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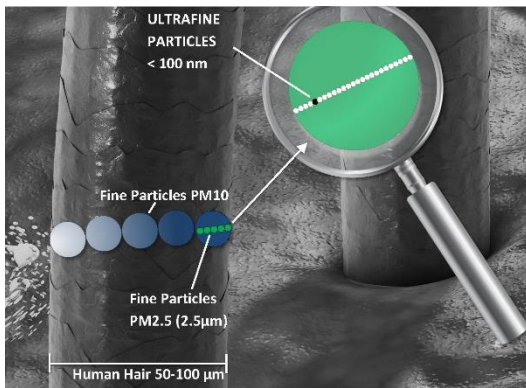
## dieper & upgrade demonstrators

10.45- Demonstration of the Renault Espace,

11:45 the IVECO Daily, the CRF gasoline vehicle followed by Q&A

with the engineers from the OEMs

Poster presentations next to vehicles



12.00 Lunch + Poster presentation (additional research topics)

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## The broader framework (guest speakers)

13.30 **PaREGEEn: Particle Reduced, Efficient Gasoline Engines**

S. Edwards  
Ricardo

14.00 **DownToTen**

Prof. L. Ntziachristos  
Aristotle University of Greece

14.30 **Further investigation into the research topics via poster presentation**

15.00 Coffee break followed by Q&A and discussion on **The benefits of the GV02 projects:**

-**Thermodynamic and Efficiency Improvements** (including temp. management and heat insulation) ;

-**Particles >10nm;**

-**Optimized engine concepts**

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15.30 **Conclusions & recommendations**

H. Ofner, Project coordinator  
AVL List GmbH

17.00 End of conference