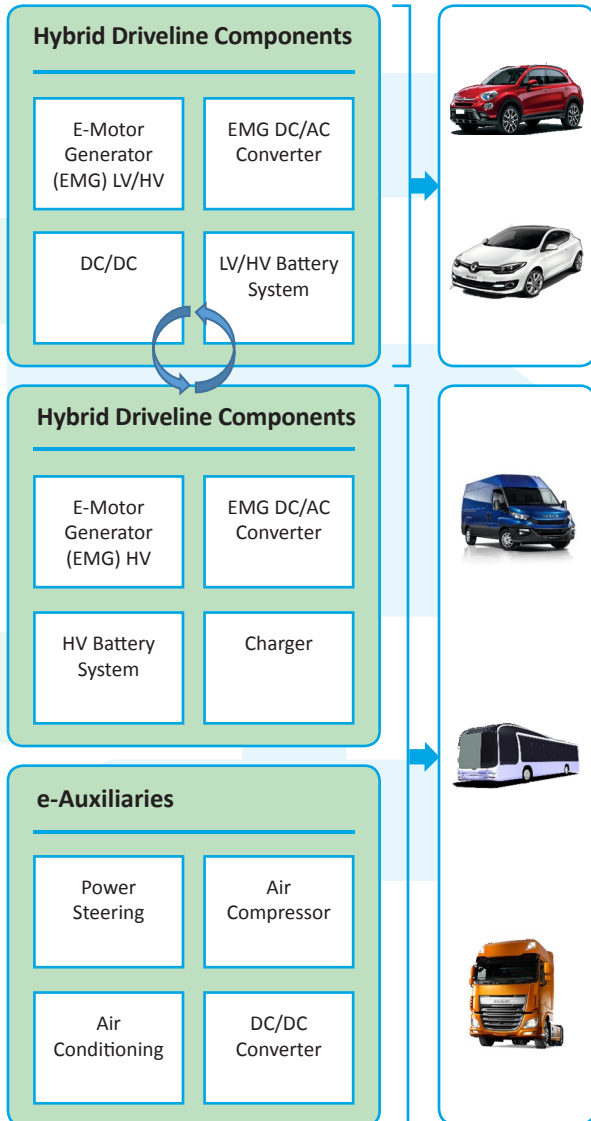


1. Modular system and standardization framework (MSF)
2. Components for Light and Heavy Duty Vehicles



OEM partners



Suppliers and services



Research partners



European Competitiveness on Commercial Hybrid and Automotive Powertrains

MIDTERM CONFERENCE

24 October 2017



The project

The goal of ECOCHAMPS is to make hybrid vehicles more successful in the market. Standardisation and modularisation will bring down the costs of hybrid electric vehicles, and more functionality will make them more attractive. ECOCHAMPS will propose a Modular system and Standardisation Framework (MSF) and develop five demonstrator vehicles. These standards are the first to be developed for hybrid electric powertrain components for commercial vehicles.



The midterm conference

We would like to present our new MSF approach, the new driveline components that have been designed and the demonstrator vehicles that are being built. We invite you to discuss with us our engineering activities.



Registration

You can register by:

- sending an email to Ilse Claassen: i.claassen@uniresearch.com
- or by submitting your details on: <http://eepurl.com/cYMROD>

The venue

Institute of Automotive Engineering (ika)
Steinbachstraße 7
52074 Aachen
Germany



08.30 Registration

Introduction

09.00 **Welcome**
Prof. Dr. Jan-Welm Biermann
RWTH Aachen University

09.10 **ECOCHAMPS - enabling cost optimized hybrid powertrains**
Guus Arts
Project coordinator
DAF Trucks

Modular system and standardisation framework (MSF)

10.00 **Modular pre-standard framework for hybrid-electric drivetrain components**
Nicolas du Bois
Daimler

10.45 Coffee break

11.15 **48V hybridization perspectives and possible synergies between LD and MD - HD applications**
Vittorio Ravello
CRF
Dr. Simon Edwards
Ricardo

12.00 Lunch

Related EU projects

13.00 **ADVANCE - advancing user acceptance of general purpose hybridized vehicles by improved cost and efficiency**
Dr. B. Brandstätter
VIF

13.45 **ORCA project - A generic solution for urban heavy duty vehicle application**
Prof. Dr. N. Omar
Vrije Universiteit Brussels

14.30 Coffee break

Demonstrator vehicles

15.00 **HD vehicle applications**
Bart Lipsch
DAF
Tassilo Pflanz
MAN

16.00 **ECOCHAMPS vehicles in the yard**

Closure

16.45 **Conclusions**
Prof. Dr. Jan-Welm Biermann
RWTH Aachen University

17.00 End of conference