

Green Wheels



Operation, Repair and Service of Hybrid
and Electric Cars

February 2017



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ABOUT THE PROJECT



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In November 2016, under the Erasmus + Programme, a new project was launched called:

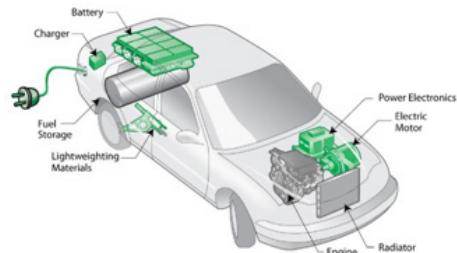
Green Wheels

Operation, Repair and Service of Hybrid and Electric Cars



The project aims to create open learning materials in the newly emerging field of Operation, Repair and Service of Hybrid and Electric Cars by using innovative methods and approaches such as:

- 🍃 **Critical thinking**
- 🍃 **Inquiry-based learning**
- 🍃 **Collaborative learning**
- 🍃 **Flipped classroom**
- 🍃 **Peer Instructions and more**



WHAT WILL BE CREATED

The project focuses on improving and enriching teacher methodology through innovative methods, extensive teacher trainings and mentoring.

The project also intends to develop a new professional curriculum using EU criteria (ECVET-EQAVET) designing competencies for Operation, Repair and Service of Hybrid and Electric Cars through innovative e-learning materials and work based learning activities. The projects will create tangible and intangible results such as:

- 🍃 **Complex online learning management system (LMS)**
- 🍃 **eLearning modules**
- 🍃 **Worksheets for practical assignments**
- 🍃 **Online picture-based explanatory dictionary in all project languages**
- 🍃 **Blended learning resources**

This is all for and related to the ECVET (European Credit system for Vocational Education and Training) system in the VET and automotive industries for hybrid and electric vehicles in the Czech Republic, Slovak Republic, Hungary and the United Kingdom.



Furthermore, the project focuses on creating guidelines for the ECVET system in the field of Operation, Repair and Service of Hybrid and Electric Cars at VET schools in the project countries. The project will, primarily, make an impact on VET providers in the automotive industry so that their graduates will improve the skills missing in this industry sector and motor industry companies that require a skilled workforce. The project results will be disseminated to a wide range of stakeholders (VET providers, professional organizations, regulatory bodies in education, etc.) both inside and outside of the project countries to increase the sustainability and adoptability of project results.

ABOUT THE PARTNERS



The project consortium consists of partners from four countries (the Czech Republic, the Slovak Republic, the United Kingdom and Hungary). In each of the participating countries there is one VET school, one professional association in the automotive field and regulatory bodies. The project is led by the Centre for Modern Education (CZ) which has substantial experience in managing and administering international educational projects.

The sector skills partners (professional associations and key car industry players) will provide professional feedback of the learning materials and will ensure the material includes state-of-the-art technologies and approaches.

The VET schools involved will pilot and test the newly developed materials, the regulatory bodies will actively participate in designing the methodological system and incorporating the ECVET in the school curriculum, as it is one of the objectives of the European Commission for the Erasmus Plus programme.



Centre for Modern Education (CZ)
/ Prague



The National Institute for Education
/ Prague

Moravian-Silesian Automotive
Cluster c.a. / Ostrava

Secondary Automotive School
Holice / Holice

Centre for Modern Education (SK) /
Bratislava



State Institute of Vocational Education
and Training / Bratislava

Automotive Industry Association of
the Slovak Republic / Bratislava

Secondary Automotive School
Bratislava / Bratislava

Centre for Modern Education (HU)
/ Budapest



Hungarian Chamber of Commerce
and Industry / Budapest

Fáy András Automotive Secondary
Technical School / Budapest

The Institute of the Motor Industry /
Hertford



ATT Training Ltd / Shenfield

Havering College of Further and
Higher Education / Hornchurch/
Havering