DigiGEAR

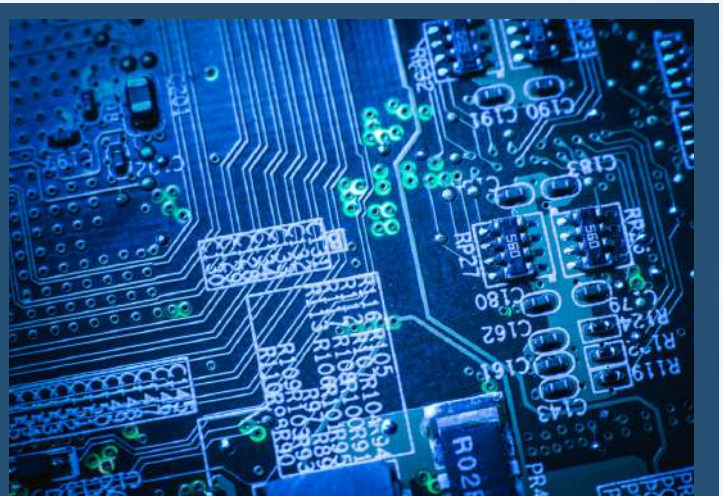
Introducing Augmented Reality in the VET Sector with a focus on the Automotive Engineering

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Programme: KA2 – Strategic Partnership in VET

Duration: 09/2023 - 08/2026 (36 Months)

Countries: Italy, Greece, Germany, Slovakia, Portugal, Sweden





Driving the Future of Automotive Learning

Shift gears into the future of automotive training 10 learning modules.

Interactive Augmented Reality. Practical support for educators.

Discover a connected learning experience that prepares tomorrow's automotive professionals for electric mobility.



CONNECTING EDUCATION AND INDUSTRY

- On 30 September 2026, DigiGEAR brought together VET teachers, trainers and automotive industry experts for an international online event featuring facilitator training and a stakeholder roundtable.
- Participants explored the project's educational resources and discussed the skills needed for the green mobility transition.
- The shared goal: help vocational education respond to a changing automotive sector.

Co-funded by the European Union

DigiGEAR

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10 MODULES TO POWER YOUR LEARNING

Explore the DigiGEAR training package on the Moodle e-learning platform:

- Introduction to Electric Vehicles
- Comprehensive Overview of Electric Cars
- Charging Infrastructure and Stations
- On-Board Charger (OBC)
- Inverters and Power Conversion
- Battery Systems and Thermal Management
- Charging Modes and Standards
- Electric Motors and Drivetrains
- Regenerative Braking and Energy Recovery
- Green Energy and Environmental Sustainability

Build your knowledge:
https://elearning.digigear.eu



EXPLORE, PLACE AND CONNECT WITH AR

- Turn technical concepts into interactive learning experiences.
- The DigiGEAR Android AR application complements coursework with immersive 3D simulations.

EXPLORE AND IDENTIFY
Examine electric vehicle structures and discover key components, including the battery, motor, inverter and charger.

PLACE AND CONNECT
Position components within the vehicle architecture and trace energy flows from the power source to the wheels.

CONNECT WITH EVERYDAY TECHNOLOGY
Relate electric vehicle concepts to familiar electronic devices to support understanding.

Discover the AR application:
https://digigear.eu/ar-platform

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Partnership

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Learn more

https://digigear.eu/

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