



The Hungarian Vehicle Engineering Cluster (HVEC) was founded in January 2009 by six Hungarian engineering SMEs, all with large experience in international projects. HVEC's management organization is MAJÁK Non-Profit Ltd. headed by Mr. Zoltán Kabács, former cluster manager of the Pannon Automotive Cluster (PANAC). HVEC aims to co-ordinate the activities of Hungarian engineering companies operating in the field of vehicle or vehicle part development.

HVEC intends to assist them by joint marketing operations in targeted countries, support the know-how transfer among employees and run a knowledge database for members.

The HVEC would help with complex solutions, services for companies which are already engaged or wish to be active in R&D activities in the field of vehicle development. The project covers vehicle-related development in a broad sense: passenger cars but also including trucks, buses, airplanes, boats and new mobility solutions.

HVEC has been established to implement joint innovation projects as well as to support individual inventors and help to establish new companies and spin-offs.

HVEC co-operates with research centres, universities, intermediaries in the field of innovation and economic development, clusters and networks.

HVEC is hosting and supporting all the activities of the Automotive Living Lab Győr.

Who can be a member of the HVEC?

- engineering service providers
- companies engaged in R&D activities or wishing to do so
- innovators
- students, professors
- venture capitalists

What we are offering:

- competitive knowledge
- national and international connections
- experience in tendering
- complex project management
- innovation platform





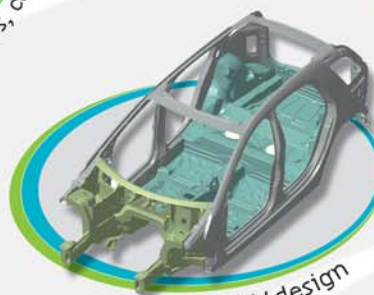
Electric engines, cars



Car entertainment systems



Alternative car concepts



BIW design

Unsere Hauptforschungsgebiete

- Alternativ Antriebe, Fahrzeugkonzepte
- Neue Materialien (Composites, EAP)
- Mathematische Modellen
- CAE Berechnung
- Fahrzeugsicherheit (Crash-Analysen)
- Offene Innovationsplattform (ALL)

Our main research areas

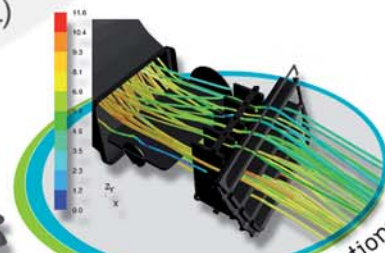
- Alternative engines, car concepts
- New materials (Composites, EAP)
- Mathematic models
- Finite Element Methodes
- Occupant Safety (Crash-Analysis)
- Open innovation platform (ALL)



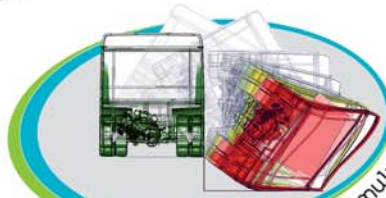
Head-, knee impact simulations



Embedded- and control systems



Airflow simulations



Bus design and simulation



Rapid prototyping

