

The activities of the CVC

The Commercial Vehicle Cluster uses various tools to improve the competitive environment of its partners within and outside the region. Optimisation within the partner institutions is as important as the appearance and promotion to the outside. The technical and scientific cooperation between the partners and public relations work towards institutions outside the partnership will be optimised for that reason.

Initiation and organisation of cooperation between companies

The partner network is strengthened through work in project groups, through the conduction of surveys and the processing of mutual projects in the cooperation of cluster partners. The obtained findings are at the cluster partners' disposal after conclusion. Thereby strengthening the industry and generating a technical advantage for its members.

Further information about the activities in the projects groups can be found in the section „The project groups“.

Events and workshops for knowledge acquisition, communication and networking

Communication and acquisition of knowledge does not only take place within the project groups but also regularly at events and in workshops. These are open for outsiders to some extent. The status of the cluster and its future prospects are outlined in the four quarterly meetings and the CVC annual meeting every year. Knowledge acquisitions through presentations on current topics by renowned speakers are encouraged in addition.

Further information about events of the CVC can be found on page „Events“.

Initiation and organisation of co-operation between companies and science

The purpose of a cluster is networking. However, to generate any meaningful benefits, this cannot purely take place within companies alone. Linking business with science is also important. In this way, it will be ensured that innovation processes are precipitated and realisable results for both sides emerge.

The University of Kaiserslautern, the University of Karlsruhe, the TH Darmstadt and the RWTH Aachen are involved with the CVC. This ensures a broad base of scientific knowledge for the cluster and its partners.

Rectification/ Alleviation of the skilled workers shortage

An opportunity for the industry to find qualified staff in the region has been created by establishing the CVT degree course –“Commercial Vehicle Technology“ at the TU Kaiserslautern. The degree course is based on the co-operation of the Department of Mechanical and Process Engineering, the Department of Electrical and Computer Engineering, the Department of Computer Sciences and the Department of Social Sciences. Furthermore, the cooperation with the Oregon State University (USA) provides for the exchange of students with background in commercial vehicle technology.



An abstract about the establishment of the CVT can be found on page „Vorteile für Partner“.

Public Relations and Image Improvement



The cluster offers the industry a concerted appearance to the outside and creates a platform for participating companies and institutions to present themselves specifically within the commercial vehicle industry. The Commercial Vehicle Cluster provides an inter- regional podium by publishing regular newsletters, brochures and information material, attending important trade fairs and last but not least its website.

Through its public relations activities the Commercial Vehicle Cluster improves the image of the industry as such and the image of participating companies and institutions in particular. It also raises public awareness to the interests of the Commercial Vehicle Industry and all those involved.



Further information about newsletters and information brochures of the CVC can be found on page „Public relations“.



Die vier Hauptbestandteile eines Traktors sind:

- 1. Motor (Verbrennungsmotor)
- 2. Getriebe (Mechanisches oder Hydrostatisches)
- 3. Vorderachse (Lenkmechanik)
- 4. Hinterachse (Antriebsmechanik)

Zusätzliche Informationen:

- Die Motorleistung wird durch die Drehmomentkurve und die Drehmomentleistung beschrieben.
- Die Drehmomentkurve zeigt das Drehmoment in Nm über dem Drehmoment.
- Die Drehmomentleistung zeigt die Drehmomentleistung in kW über dem Drehmoment.
- Die Drehmomentkurve ist ein Maß für die Drehmomentleistung.
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