

# Logistics



Logistics is an integrated part of production, where mass customization demands huge number and variety of parts being supplied and exposed, without violating cost, availability, quality, and space, and where MPC rules prerequisites for both customer orientation and internal efficiency.

## Prioritised R&D areas

### Efficient and sustainable material flows

The vision is sustainable and efficient supply chains, enabling increased productivity, responsiveness and flexibility. The aim is reduced costs and increased flexibility in the order-to-delivery process and the supply chain as a whole, while contributing to a sustainable development.

### Materials handling and packaging systems

The vision of the materials handling and packaging systems area is to achieve sustainable and high performing materials handling systems fulfilling manufacturing processes requirements. The aim is to develop systems where the design of operations, equipment and packaging result in efficiency, quality, flexibility, robustness and good ergonomics.

### Manufacturing planning and control

Research in the area focuses on planning methods, planning process and organization, planning information, information system support, and the interplay between these issues. The aim and vision is to achieve high-performing and user-friendly planning systems that can manage uncertainty and flexibility.



### Cluster members

Leif Ohlsson, FKG  
Henrik Brynzér, Volvo Cars  
Lennart Lundgren, Scania  
Lena Palm, AB Volvo  
Magnus Tengström, NEVS  
Mats Johansson, Chalmers  
Lars Medbo, Chalmers

### Contact

*Cluster leader*  
Leif Ohlsson, FKG  
[leif.ohlsson@fkg.se](mailto:leif.ohlsson@fkg.se)

*Cluster coordinator*  
Mats Johansson, Chalmers  
[matjoh@chalmers.se](mailto:matjoh@chalmers.se)

**Read more, [www.produktionskluster.se](http://www.produktionskluster.se)**



THE SWEDISH  
**Manufacturing  
R&D Clusters**

**Meeting place for success  
Katrineholm 17–18 May 2017**