



# LOGISTICS



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# HIGHLIGHTS

*HISTORY*

*CHARACTERISTICS OF ROAD TRANSPORTATION*

*THE ECONOMICAL IMPACT*

*ROAD TRANSPORTATION IN THE EU*

*EUROPEAN NATIONAL HIGHWAY RESEARCH*

*CONCLUSION*

**ROAD TRANSPORTATION**



# HISTORY



The Roman Empire  
<http://www.youtube.com/watch?v=Yu94sFmNwMw>

ROAD TRANSPORTATION



# CHARACTERISTICS OF ROAD TRANSPORTATION

- Capital cost of vehicles is relatively small*
- High relative speed of vehicles*
- Flexibility of route choice*
- Door to door service*
- Consolidation*
- cheaper on short distance*







# Advantages of road transportation

## *Advantages :*

- delivery everywhere possible*
- high flexibility*
- cheaper on short distance*
- suitable for large or small cargos*
- fast delivery on short distance*





# Disadvantages of road transportation

- Limited transport volume
- Traffic jam
- Legal restrictions
- Weather effects
- Expensive for distance





# THE ECONOMICAL IMPACT



- Economic growth*
- People transport.*
- 5.8 million jobs in Germany*
- Gross value creation*
- Tax income*
- Mobility*

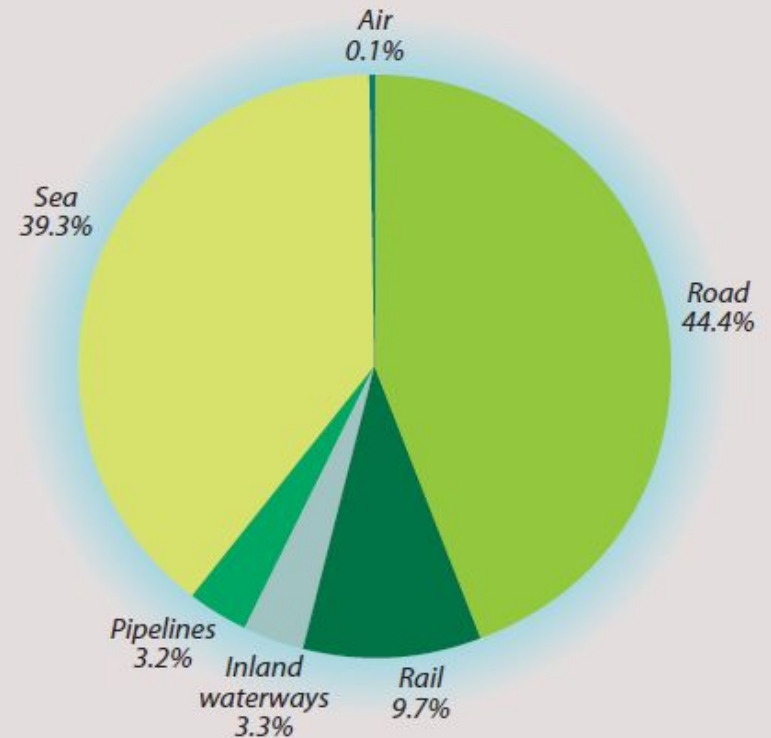


# Road transportation in EU

**Growth in road freight transport in the EU-25**  
(billion tonne-kilometres)



**Modal split of freight transport in the EU-25**  
(2005 figures, based on tonne-kilometres performed)



Source: Eurostat, ECMT and national figures





# Forum of European National Highway Research

- ❑ *EU and national government policy*
- ❑ *Safe road network*
- ❑ *Competitiveness*
- ❑ *The energy efficiency of highway construction and maintenance*
- ❑ *Protecting the environment*



# Aims and objectives for 2025

- ❑ *Eastern/Central Europe*
- ❑ *Development of East-West corridors,*
- ❑ *Road space*
- ❑ *Fast, off-site construction methods*
- ❑ *Long-life roads*
- ❑ *Intelligent monitoring*
- ❑ *Minimized "down time"*



Thank you for your attention!!

Are there any questions

