DEUFRAKO
Franco-German cooperation in transport research

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Federal Ministry of Economics and Technology

DEUFRAKO Final Seminar “P2RN: Prediction and Propagation of Rolling Noise”

Mulhouse, 11.03.2009
Research Programme Mobility and Transport Technologies

Subject

- Research programme of the German Federal Government
- Focus: terrestrial transport
- Objectives: Sustainability
  
  Safety and competitiveness
  
  Efficiency and intelligent transportation
Research Programme Mobility and Transport Technologies

Budget 2005 to 2009, planned 2011

<table>
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<tr>
<th>Year</th>
<th>Federal Ministry of Research and Education</th>
<th>Federal Ministry of Economics and Technology</th>
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<td>2005</td>
<td>46*</td>
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<td>2006</td>
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<td>2007</td>
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<td>2008</td>
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<td>2010</td>
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<td>2011</td>
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*..thereof approx. 1 Mio. €/year for DEUFRAKO - Projects
Key areas of the German Programme Mobility and Transport Technologies

- Intelligent Logistics
  - e.g. ISETEC 2

- Mobility of the People in the 21. Century
  - e.g. Traffic Safety, Public Transport

- Intelligent Infrastructure
  - e.g. SIM-TD, Silent Traffic – P2RN (Rolling Noise)
History of DEUFRAKO

- Established in 1978 on the initiative of the French president Valéry Giscard d’Estaing and the German chancellor Helmut Schmidt

- A technical and scientific cooperation under the auspices of the German Federal Ministry of Economics and Technology (BMWi) and the French Ministry of Transport (MTETM)

- DEUFRAKO was first aiming at the development of high-speed railway systems
Strategic Goals of DEUFRAKO

- Respond to future transport challenges in Europe
- Improve exchange of knowledge and intensify cooperation between science and industry
- Harmonize research and transport policies between both countries and benefit from synergies
- Prepare European and international standards
- Contribute to the European research area
Organisation of DEUFRAKO

- DEUFRAKO steering committee  
  (Representatives of French and German ministries and public agencies)

- Advisory panel from industry and academia

- **Thematic working groups in 2003 (Railway, Silent Traffic)**

- Common DEUFRAKO secretariat in Paris:  
  Contact person for the deposition of projects ideas

- www.deufrako.org
Development of research fields of DEUFRAKO

- Since 1998 the research spectrum was widened
  • Telematics in transport
  • Urban transport and mobility
  • Freight transport (first common call)
  • Silent traffic (installation of a working group)

- In 2005 the French-German research forum proposed the organisation of thematic seminars
  • Road safety (autumn 2006)
  • Clean vehicles (spring 2007)

- Co-ordination between the two national research programmes “Predit” and “Mobiliät und Verkehr” intended
Organisation of the workshop

- Federal Ministry of Economics and Technology

- TÜV Rheinland Consulting – Research Management

- French Ministry of Economics, Budget and Industry

- Predit permanent secretariat