



ROLLing resistance, Skid resistance, ANd Noise Emission measurement standards for road surfaces

ROSANNE Final Event
11th Oct 2016, Brussels



The ROSANNE project was funded by the European Commission's Research and Innovation Programme (FP7/2007-2013) under grant agreement n° 503208.

Agenda



Oct 11th, 2016, 10:00 – 17:00

- 10:00 Welcome and Introduction
- 10:10 Common Position paper from EAPA, EUPAVE, EUROBITUME and FEHRL on reduction of rolling resistance and CO₂

Measurement methods for the skid resistance of road surfaces

- 10:25 Background and requirements for a Common Scale
- 10:35 Round robin tests to develop the Common Scale
- 10:50 Results and Draft prEN for harmonised skid resistance measurement



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Agenda



Oct 11th, 2016, 10:00 – 17:00

Measurement methods for the noise emission properties of road surfaces

- 11:15 New procedure for characterizing noise properties of road surfaces in Europe
- 11:35 Improvement of the CPX method and research on temperature influence and its corrections
- 11:55 Discussion
- 12:10 Lunch Break



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Agenda



Oct 11th, 2016, 10:00 – 17:00

Measurement methods for rolling resistance properties of road surfaces

- 13:15 General information on the work package
- 13:30 Trailer-based rolling resistance measurement method
- 13:40 Validation of the method (RRT in Nantes)
- 14:00 Discussion
- 14:15 Heading to the demonstration area

Demonstration of measurement devices

- 14:20 Rolling resistance trailers, CPX trailer, texture profilometer and Odoliograph
- 15:00 Coffee break and return to the meeting room



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Texture, reference tyres and reference surfaces

- 15:30 Influence of texture properties
- 15:50 Reference tyres and surfaces
- 16:05 Discussions

Next steps and closure

- 16:15 Roadmap and implementation plans of draft standards
- 16:30 Discussions
- 16:45 Closing remarks
- 16:55 Cocktail



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ROSANNE project



- **FP7 Small Collaborative Research Project**
- Coordinator: AIT (Austria)
- Partners: DRD (Denmark) BRRC (Belgium)
TRL (UK) TUG (Poland)
VTI (Sweden) ZAG (Slovenia)
BASt (Germany) FEHRL (Belgium)
IFSTAR (France) DIN (Germany)
- Third parties: CEREMA (France)
- Project officer: William Bird
- Budget: EUR 3,016,938
- EC contribution: EUR 2,395,413
- Duration: 36 months
- Start: 1st November 2013 End: 31st October 2016



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Objectives



- Advanced harmonization/standardization of measurement methods for
 - skid resistance
 - noise emission
 - rolling resistance
 of road pavements
- Prenormative research creating the technical basis for draft standards
- Adapted strategy for each parameter
- Close cooperation with CEN TC227/WG5



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ROSANNE project and standardization



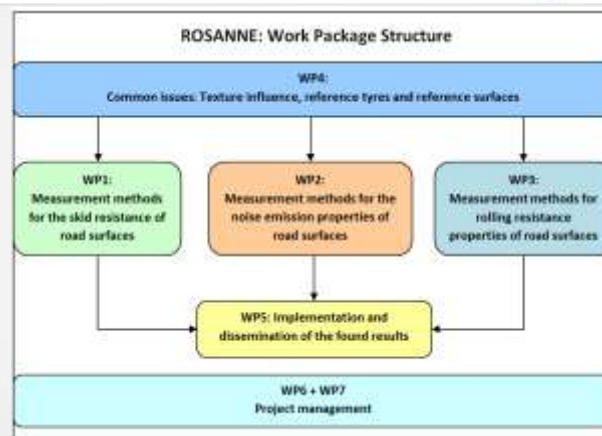
- ROSANNE is a project on pre-normative research
 - Creates the **technical basis** for standards
 - Creates a **draft document** which can be used for standardization
 - Presents status of this document to at standards working group meetings
 - Delivers **final draft document** to standardization groups
 - Standardization process **remains with CEN and ISO**

- Close cooperation with standardization



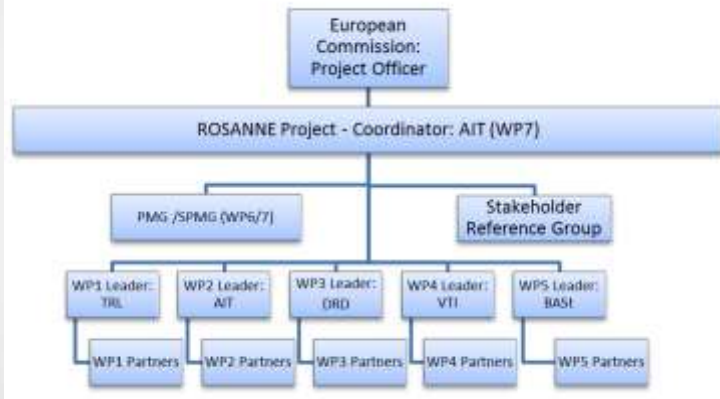
The ROSANNE project was funded by the European Community's Research and Innovation Programme (FP7) under grant agreement n° 503088.

Work packages



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Project structure



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