



# Needs and possibilities TRIMM FINAL CONFERENCE and ERPUG forum



23rd & 24th October 2014

## Programme

23rd of October		
9.30 – 10.00	<b>Registration</b>	
10.00 – 10.40	Opening and Welcome Fp 7 <sup>th</sup> program ERPUG TRIMM	<i>Leif Sjögren (VTI)</i> <i>Tbd</i> <i>Robert Karlsson (VTI)</i> <i>Roger Möller (Ramböll)</i>
<b>1 – Reducing costs and environmental impact, increasing efficiency and safety</b> <i>Moderated by: Bjarne Schmidt (DRD)</i>		
10.40 – 11.00	Needs; Road Administrations view	<i>Steve Phillips (CEDR)</i>
11.00 – 11.20	Applied usage; needs and condition data in Sweden	<i>Mats Wendel (STA)</i>
11.20 – 11.40	<b>The TRIMM project</b>	<i>Robert Karlsson (VTI)</i>
11.40 – 12.00	Entrepreneurial concept - support all the way	<i>Peter Ekdahl (Ramböll)</i>
<b>LUNCH</b> <b>12.00 – 13.30</b>		
<b>2 – Enhancing the role of condition data in asset management</b> <i>Moderated by: Peter Ekdahl (Ramböll)</i>		
13.30 – 13.50	HiSpeq, Hi-speed survey Specification, Explanation and Quality	<i>Alex Wright (TRL)</i>
13.50 – 14.10	New optimisation methods for pavement data	<i>Mikkel Bruun (AgileAssets)</i>
14.10 – 14.30	<b>The Use of Condition Data and Indicators in Bridge Maintenance</b>	<i>Willy Peelen (TNO)</i>
14.30 – 14.50	<b>Cost benefit analysis and condition indicators</b>	<i>Wim Courage (TNO)</i>
14.50 – 15.10	Road Management technologies in Japan	<i>Katsuya Aoki (PASCO)</i>
<b>BREAK</b> <b>15.10 – 15.30</b>		
<b>3 – Multipurpose monitoring for application across all levels of asset management</b> <i>Moderated by: Anita Ihs (VTI)</i>		
15.30 – 15.50	3D Road Measurement Indicators	<i>Dieter Gabriel (Lehman and partner)</i>
15.50 – 16.10	<b>Monitoring of cracking /fretting</b>	<i>Alex Wright (TRL)</i>
16.10 – 16.30	Laser scanner and GPR in monitoring impacts of heavy trucks on asphalt pavements	<i>Timo Saarenketo (Road scanners)</i>
16.30 – 16.50	<b>Identification of water ponding</b>	<i>Malal Kane (IFSTTAR)</i>
16.50 – 17.10	Creation of 3D surfaces from longitudinal and transversal profile data	<i>Olle Eriksson (VTI)</i>
<b>ERPUG get together event and dinner at the Belgian Comic Strip Centre</b> <b>SHUTTLE TO THE MUSEUM AT 17.45</b> Address: 20, rue des Sables – 1000 Bruxelles (Participation to exhibition and get together dinner in the evening of the 23 <sup>rd</sup> October is 150€. Invoice will be sent by email when registered for the conference)		



Part of the TRIMM Conference



# Needs and possibilities TRIMM FINAL CONFERENCE and ERPUG forum



23rd & 24th October 2014  
Programme

## 24th of October

### 4 – New and emerging technologies for monitoring road pavements

Moderated by: Brian Ferne (TRL)

9.00 – 9.15	Fleet monitoring of road comfort	Carl Van Geem (BRRC)
9.15 – 9.30	Assessment of layer thickness at traffic speed using coreless GPR	Maria Lurdes de Antunes (LNEC)
9.30 – 9.45	Traffic speed structural condition monitoring	Dean Wright (TRL)
9.45 – 10.00	Combining pavement data collection methodologies using the TSD as a platform	Garry Warren (ARRB)
10.00 – 10.15	Assessing Pavement Rolling Resistance by FWD Time History Evaluation	Anders Lenngren(Lund University)

**BREAK**  
10.15-10.30

### 5-Texture measurement

Moderated by: Brian Ferne (TRL)

10.30-10.45	3D sensors for texture evaluation	John Laurent (Pavemetrics)
10.45-11.00	Spike removal method for laser macrotexture measurements	Edgar de León Izeppi (VTI)
11.00- 11:15	The new MPD standard ISO 13473-1 - Improvements and how it works	Ulf Sandberg (VTI)

**BREAK**  
11.15 – 11.30

### 6 – Continuous monitoring of bridges

Moderated by: Alex Wright (TRL)

11.30 – 11.50	Image based bridge inspection	Stuart McRobbie (TRL)
11.50 – 12.10	Use of Monitoring Techniques in Bridge Condition Assessment	Marian Ralbovsky (AIT)
12.10 – 12.30	Monitoring of bridge response to traffic loading	Aljoša Šajna & Aleš Žnidarič (ZAG)
12.30 – 12.50	Monitoring of corrosion deterioration	Mirjam Bajt Leban (ZAG)

**WRAP UP**  
Brian Ferne, TRL & Bjarne Schmidt, DRD  
Farewell  
TRIMM -ERPUG