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Now in our final year

Welcome to the second newsletter for the 36-month FP7 project - "Tomorrow's Road Infrastructure Monitoring and Management" (TRIMM). TRIMM is now in its final year and is due to finish on 30th November 2014. This newsletter focuses on two key upcoming events where TRIMM will feature in the next six months - [TRA2014](#) and the final conference - as well as bringing you the highlights of the work carried out so far this year.

Come to TRA2014 poster and networking sessions!

Come and learn more about the project at the TRIMM poster session at TRA2014 next week! The session on **Monday 14th April from 9-10:30am** forms part of the [Scientific and Technical Session \(STS\) 4: Auscultation and monitoring asset conditions](#) in Darwin 3. It is called "Implementation of advanced monitoring techniques in road asset management - results from TRIMM project" by Robert Karlsson.



You also have a second opportunity to find out more about TRIMM at TRA2014 at a 30-minute presentation made by Leif Sjogren at the Agora networking area close to the FEHRL booth B1 in the CEDR village on **Thursday 17th April at 1-1.30pm**.

Save the date for TRIMM final conference

Save the date now for the TRIMM final conference, planned to be held in cooperation with the [European Profile Users Group \(ERPUG\)](#) on **23rd-24th October 2014** at the [Diamant Center](#) in



WORK PACKAGES

[WP1: Project Management](#)

[WP2: Asset Management](#)

[WP3: Advanced Bridge Monitoring Techniques](#)

[WP4: Advanced Road Monitoring Techniques](#)

[WP5: Dissemination and networking](#)

FP7 Collaborative Project

TRIMM is a Collaborative Project from the European Commission's FP7 Work Programme SST.2011.5.2-2 entitled "Advanced and cost effective road infrastructure construction, management and maintenance".



Brussels.

A fee will be charged for the dinner and exhibitors. More information including a detailed agenda will follow shortly, but it will be THE occasion for all key stakeholders to find out the results and next steps for the TRIMM project.

Latest highlights from project

Within **Work Package (WP) 2: Asset Management**, Tasks 2.1-2.3 are finished. Within **Task 2.4**, an inventory has been performed of aspects related to the added value of monitoring and this will be used to discuss how each of the monitoring techniques can be utilised.

For **WP3: Advanced Bridge Monitoring Techniques**, a modified setup for acoustic emission measurements has been applied on a bridge near Ljubljana and this has been monitored for almost two years. The installation of an Acoustic Emission (AE) and Bridge Weigh-In-Motion (B-WIM) system has been accomplished on the Pont de Chevire in France (see photo).



Corrosion monitoring installations have been conducted and corrosion data from three Croatian bridges acquired. Measurements of bridge deformations on two Austrian bridges were also carried out in addition to running continuous monitoring systems.

Within **WP4, Advanced Road Monitoring Techniques**, Task 4.1 is completed. The work involved the development of a series of algorithms for modelling road surfaces in a way that will allow for the calculation of water ponding. TRL contributed pavement modelling to the work, while IFSTTAR contributed a model of water distribution over the surface of a pavement. Task 4.2 work on inventory assessment received a boost recently as a new set of survey data was collected and is available for analysis. Partners are presently writing a paper that details the work carried out on automated pavement assessments through probe vehicles.

Please do not hesitate to join our [Linked In group](#), see <http://trimm.fehrl.org> or contact me at robert.karlsson@vti.se if you would like more information about the project.

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