Catherine Birkner

From: SMARTRAIL project consortium <catherine.birkner@fehrl.org>
Sent: 12 June 2014 12:54
To: Catherine Birkner
Subject: Register today for the SMARTRAIL final conference on 25-26th August 2014

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Register now for SMARTRAIL final conference on 25-26th August 2014

When

25-26th August 2014
Add to Calendar

Where

Grand Hotel Union Business (GHUB)

Ljubljana, Slovenia

SMARTRAIL partners

- **University College Dublin**, Ireland
- **Slovenske Zeleznice**, Slovenia
- **FEHRL**, Belgium
- **EURNEX**, Germany
- **Institute IGH**, Croatia
- **ZAG**, Slovenia
- **Roughnan & O'Donovan**, Ireland
- **Adaptronica**, Poland
- **Technische Universitaet Muenchen**, Germany
- **Instytut Kolejnictwa**, Poland
- **University of Nottingham**, UK
- **HZ Infrastruktura** , Croatia
- **Iarnrod Eireann**, Ireland
- **De Montfort University**, UK
- **University of Twente**, Netherlands

(see list of third parties **here**).

Dear Reader,

Register now for the 36-month FP7 Smart Maintenance and Analysis of Transport Infrastructure (SMARTRAIL) final conference on 25-26th August 2014 at the **Grand Hotel Union Business** (GHUB) in Ljubjana, Slovenia.

Hosted by project partner ZAG, the conference will present the practical solutions and guidelines for implementation arising from the following research activities:

1. **Remote Monitoring and Inspection Procedures:** Demonstration projects from across Europe including methods for monitoring the effect of climate change on the stability of steep slopes, rapid assessment of ballast condition using train mounted geophysical techniques, vibration based assessment of bridge scour and real-time remote monitoring of bridge weigh-in motion and corrosion.
2. **Analysis and Assessment:** Advanced probabilistic based models to analyse the current condition and degradation of critical assets including bridges and embankments, as well as simplified approaches which can easily be implemented in practice.
3. **New techniques to remediate ageing infrastructure trialled on live networks.** The use of novel vertical anchoring systems in transition zones, bridge rehabilitation using UHPFRC and geo-synthetic on open track sections.
4. **A whole life cycle assessment tool** developed for rail infrastructure managers.
5. **A series of user guidelines** covering the above main areas in the project.

Additional activities:
In addition to the final conference, the following activities are also available on an optional basis:

- Tourist activities (23rd August)
- Site visit (26th August)

For more information, contact **smartrail_admin@ucd.ie** or see **smartrail.fehrl.org**.

Yours sincerely
Dr Kenneth Gavin
SMARTRAIL Project Coordinator

SMARTRAIL is a Collaborative

Project from the European Commission's FP7 Work Programme SST.2011.5.2-6. SST.2011.5.2-6.TPTentitled "*Cost-effective improvement of rail transport infrastructure Transport (including Aeronautics)".*

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