



## Smart Maintenance, Analysis and Remediation of Transport Infrastructure

### Deliverable 7.4 Meetings of the Advisory Board



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# Project Information

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01/09/2011 – 31/08/2014

Project Coordinator:

Dr. Kenneth Gavin (kenneth.gavin@ucd.ie)

School of Civil, Structural and Environmental Engineering

University College Dublin

Newstead Building

Belfield,

Dublin 4

Ireland



## Document information

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01	18/09/2014	1 <sup>st</sup> draft	UCD
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# 1 Background

In order to achieve its stated objectives the SMARTRAIL project is clearly structured in four content-orientated work packages (WP1-4), two work packages for project management, (one for administrative and one for scientific management, termed WP6 and WP7, respectively) and one for dissemination and exploitation (WP5). WP's 1-4 address the core issues of measuring the current state of infrastructure (WP1), quantifying its safety (WP2), implementing remediation strategies where required (WP3) and assessing the economic and environmental costs (WP4). The management work packages WP6 and WP7 are led by NUID-UCD which has extensive experience of leading framework projects. Central to the implementation of the project is the SMARTRAIL Advisory Board which has representatives from national rail operators in Slovenia, Hungary, Poland and Ireland. The Dissemination work package is led by EURNEX, which is a network of excellence which comprises 50 scientific institutes in the area of transport, provides an ideal platform for dissemination of the intellectual property generated through the SMARTRAIL project.

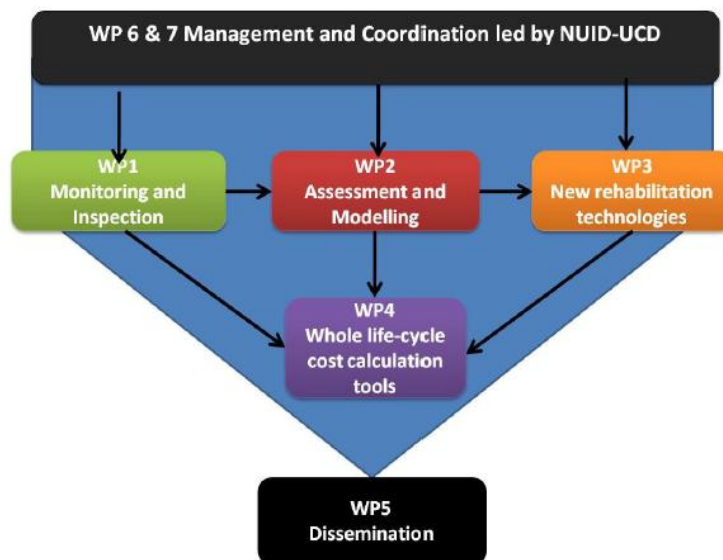


Figure 6 Structure of the SMART Rail project

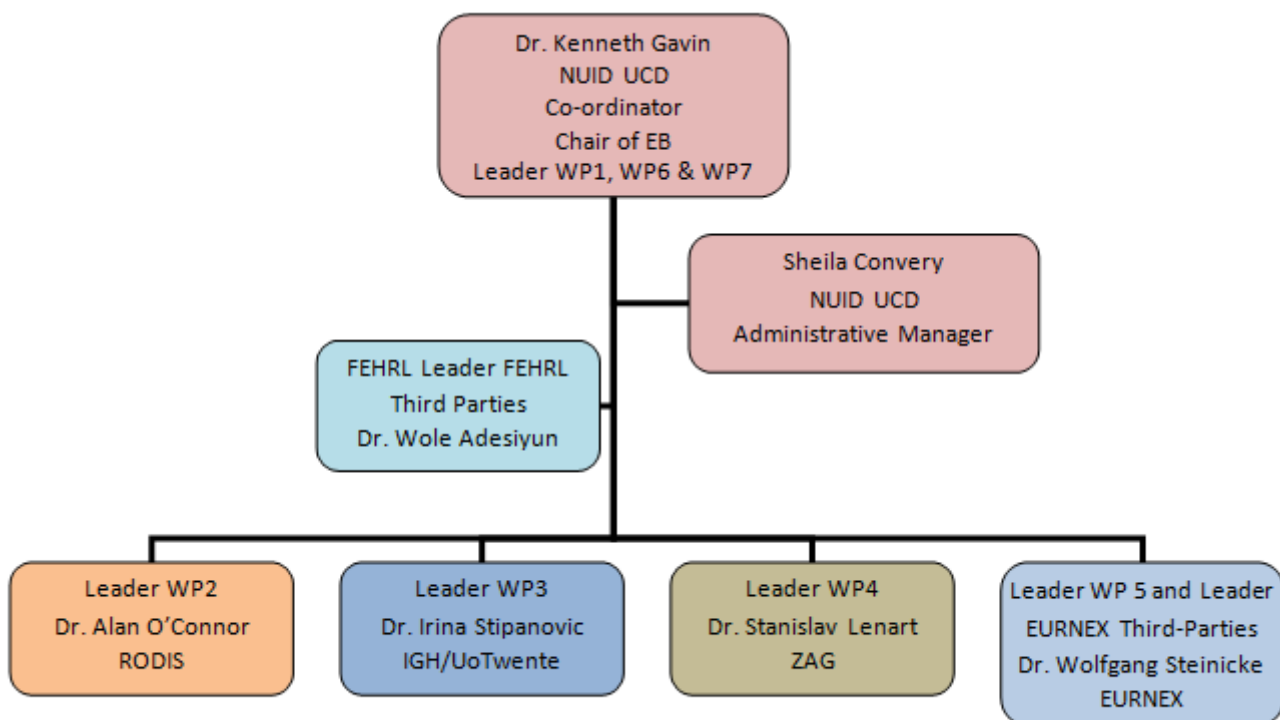
## 2 Management Structure

The management structure of the SMARTRAIL consortium (WP6 Administrative Management and WP7 Scientific Management) was designed to provide a professional project management environment for the project in total, for the partners and for each work package. The consortium was led by NUID-UCD which has a significant track record in European framework transport infrastructure projects.

### 2.1 Executive Board

The Scientific management of the SMARTRAIL project was the responsibility of the Executive Board under the chairmanship of the Project Co-ordinator Dr. Ken Gavin. It was important that information from participants in each work package was transmitted to the Executive Board and that in turn decisions of the Board were communicated widely within the project. The flow of communication was achieved through the membership of all WP leaders and the third party representatives on the Executive Board.

The members of the Executive Board and the respective affiliations are presented in Fig. 2 below.



The key task of the Executive Board was to co-ordinate the scientific activities of the consortium. It included responsibility for technical reporting.

## 2.2 Advisory Board

The Executive Board received input from the Advisory Board, which had the following responsibilities:

- Advise on the priority problems of the industry and to provide strategic direction in the project (within the constraints of the project)
- Provide advice and guidance on industrial and business aspects
- Advise on the practicality and 'implementability' and likely acceptance of the project outputs.
- Promote timely acceptance and implementation of the project outcomes
- Ensure projects outputs are efficiently and appropriately disseminated
- Liaise with key associations such as ERRAC, European Rail Research Advisory Council etc.

The Advisory Board consisted of both members of the SMARTRAIL consortium and independent external experts in key areas. It included representatives of a number of railway infrastructure managers and other industry stakeholders across Europe. Memberships is given in Table 1 overleaf.

Name	Roles	Internal (SMARTRAIL Partner) or External	organisation	country
Mr. Michael ROBSON	Rail Industry Expert	External	EURNEX	UK
Mr. Brian BELL	Liaison between SMARTRAIL and MAINLINE projects (IM)	External (Network Rail, UK)	Network Rail	UK
Mr. Andrew TRAFFORD	Expert in Geophysics, Advise on methods and operation of Geophysical methods in practice.	External (APEX Geoservices, Ireland)	APEX Geoservices	Ireland
Dr. Shane DONOHUE	Expert in Geophysics, Advise on methods and operation of Geophysical methods in practice	External (University of Bath, UK)	Dept of Architecture and Civil Engineering	UK
Mr. Slavko ŽIVKOVIĆ	HŽ-Infrastruktura, Croatia	External	HŽ-Infrastruktura	Croatia
Mr. Eifion EVANS	Principal Civil Engineer, Geotechnical, Network Rail	External	Network Rail	UK
Mr. Simon KOVACIC	Slovenian Railways	Internal	Slovenske železnice, d.o.o	Slovenia
Mr. Janez STURM	Institute of Traffic and Transport, Ljubljana	External	Prometni institut Ljubljana, d.o.o.	Slovenia
Mr. Jörg KLOMPMAKER	BBG Bauberatung Geokunststoffe	External	BBG Bauberatung Geokunststoffe GmbH & Co. KG,	
Dr. Eduardo FORTUNATO	Head of the Railway Infrastructure Division at LNEC (National Laboratory for Civil Engineering), Portugal	External	Laboratório Nacional de Engenharia Civil	PORTUGAL

Monika HEIMING	Executive Director of EIM (European Infrastructure Manager)	External	European Rail Infrastructure Managers (EIM)	Belgium
Libor LOCHMAN	Executive Director of CER (European Railway and Infrastructure Companies)	External	CER	Belgium
Dr. Cathal BOWE	Person in Charge of Cuttings and Embankments for Irish Rail (IM)	Internal	Iarnród Éireann	Ireland
Professor Meho Sasa Kovocevic	Professor of Geotechnical Engineering, University of Zagreb	External	University of Zagreb	Croatia
Prof. Wolfgang H. STEINICKE	Secretary General, EURNEX	Internal	EURNEX	Germany
Dr. Adewole ADESIYUN	FEHRL	Internal	FEHRL	Belgium
Dr. Ken GAVIN	UCD	Internal	UCD	



## 2.3 Meetings of the Advisory Board

It was originally planned that there would be a 6 monthly teleconference meeting of the Advisory Board and two face-to-face meetings. It wasn't practically possible to convene the teleconference of the Advisory Board given the size of the group and it was agreed that an alternative approach would be taken.

Instead, Advisory Board members were invited to join at plenary meetings of SMARTRAIL to provide input to the work packages. In addition, specific technical questions were directed to specific Advisory Board members where appropriate at different stages of implementation of the scientific work packages. Key participation of the Advisory Board took place at face-to-face plenary meetings of the Consortium at the kick-off meeting, mid-term review meeting and final project conference as well as two plenary project meetings. Details are given below.

Scheduled Date	Status	Details
Kick –off	14 October 2011	UCD, Dublin
Mid Term Review	1 March 2013	UCD, Dublin
Project Meeting	18 <sup>th</sup> & 19 <sup>th</sup> September, 2013	HZ, Zagreb, Croatia
Project Meeting	5 <sup>th</sup> & 6 <sup>th</sup> March 2014	ZAG, Ljubljana, Slovenia
Final Conference	25 <sup>th</sup> & 26 <sup>th</sup> August, 2014	ZAG, Ljubljana, Slovenia

Members of the Advisory Board were also involved in dissemination activities and associated events and publications which arose over the course of the SMARTRAIL project.

For example, at the SMARTRAIL Special Session at TRA2012, in Athens, Greece the special session consisted of the following speakers some of who are members of the SMARTRAIL Advisory Board.

Advisory Board members were also involved in a range of activities as part of the Dissemination Activities of SMARTRAIL. See D5.5 for further details.