



## Technical Seminar Railway Asset Management

20 September  
2013

### Technical Seminar - Railway Asset Management 20 September 2013 – TWI Ltd, Great Abington, Cambridge, UK Bringing research and industry closer

Europe's rail sector is at the cutting edge globally, continually growing its share of international markets as a result of investment in research and innovation. Midterm projections by the European Commission expect rail freight and passenger traffic to rise by approximately 13% and 19% respectively between 2000 and 2020. Whilst new high speed lines are being built to meet this demand, most if it will be accommodated using existing lines. These railway assets need to be monitored and examined for damage to ensure that timely action is taken for them to remain fit for service. Not only this, such asset integrity management activities need to find a balance between the desire for lower cost solutions and the need to achieve the lowest through life cycle costs whilst fulfilling the reliability, availability, maintainability and safety of the assets.

The Seminar seeks to bring together views on integrity management from a variety of railway stakeholders in policy, technology and services.

#### Programme

09.00 Coffee and Registration

##### Session 1

09.30 Introduction and Welcome, *Richard Freeman, TWI Ltd*

09.50 Keynote Address: *Roderick Smith, Department for Transport*

10.20 Rail Transport in Horizon 2020, *Cliff Funnell, Technology Strategy Board*

10.40 Q+A Session 1

10.55 Break

##### Session 2

11.10 How MAINLINE Project is connected with other EU Projects, *Bjorn Paulsson, International Union of Railways*

11.30 Asset Management and Life Extension of Railway Structures: An Overview, *Sam Luke, Sinclair Knight Merz*

11.50 Lifecycle Management for Railway Structures, *David Castlo, Network Rail*

12.10 Q+A Session 2

12.25 Lunch

##### Session 3

13.20 Finding the Hidden Capacity in Railway Bridges, *Lennart Elfgrén, Lulea University of Technology*

13.40 Improved Track Condition leading to Higher Performance and Reliability, *Niall Fagan, HS2*

14.00 Developments in Condition Monitoring and Inspection Techniques in Rail, *John Rudlin, TWI Ltd*

14.20 Innovative Approaches in Reliability Centred Maintenance, *Kuldeep Gharatya, London Underground*

14.40 Q+A Session 3

14.55 Break

15.30 End of Seminar

#### Venue

The meeting will be held in the Oak Room, TWI Ltd, Granta Park, Great Abington CB21 6AL.

**REGISTER** for this meeting now and to find out more information.