

# MAIN LINE

## MAINLINE Final Workshop Presentation of final project results

*30 September 2014, Paris, UIC HQ*

Presentation of the methods and tools developed in MAINLINE related to asset degradation, life extension and replacement of infrastructure, and degradation monitoring

Demonstration of the main outcomes of the project:

- a Life Cycle Assessment Tool (LCAT) for bridges, track and earthworks
- a Guideline to the application of new technologies to extend the life of elderly rail infrastructure
- a Guideline for replacement of elderly rail infrastructure



The research leading to these results has received funding from the European Community's Seventh Framework Programme [FP7/2007-2013] under grant agreement n° 285121

09:00 *Welcome/coffee*

**09:30 Welcome and Introduction**

Björn Paulsson,  
*UIC/Trafikverket*

**09:45 Summary of management – lessons learnt**

Adeline Paul, *ARTTIC*

**10:00 The role of LCAT in asset management**

David Castlo, *Network Rail*

**10:30 Asset degradation & intervention strategies**

Marios Chryssanthopoulos,  
*University of Surrey*

11:00 *Break*

**11:30 Methods to extend life of assets**

Lennart Elfgren,  
*Luleå University of Technology*

**12:00 Replacement of assets**

Anders Carolin, *Trafikverket*  
Carlos Saborido, *COMSA*

12:30 *Lunch*

**13:30 Degradation monitoring: gaps & opportunities**

Ujjwal Bharadwaj, *TWI*

**14:00 Demonstration of the LCAT**

George Sotiropoulos, *Jacobs/SKM*

15:00 *Break*

**15:30 Reduction of economic and environmental impact using MAINLINE results**

Björn Paulsson,  
*UIC/Trafikverket*

**16:15 Questions & Answers**

**16:45 Summary and conclusions**

Björn Paulsson, *UIC/Trafikverket*  
David Castlo, *Network Rail*

17:00 *End of workshop*