MAINLINE Final Workshop
UIC, Paris, France
30 September 2014
Presentation of the MAINLINE Project

Funded by the European Commission
(Seventh Framework Programme)

MAINLINE

3 Year Project Beginning October 2011 and ending TODAY
(Total Budget €4,500,000)
The idea behind the MAINLINE project

• Improvements to make the rail infrastructure more cost effective is a necessity in order to make rail transport more competitive

• The predicted increase in traffic on existing rail infrastructure will result in increased rates of degradation of track and structures assets

• Balancing the economic end environmental costs generated by the maintenance and renewal of existing infrastructure is much more difficult than building new

• A tool to assist railway administrations to balance these various consideration is therefore important

• Today carried out research indicates potential for major step forward
# Partners of the MAINLINE Project

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WPs in the MAINLINE Project

- WP 1: Life Extension (LTU)
- WP 2: Degradation (Surrey)
- WP 3: Exchange (DB)
- WP 4: Monitor (MAV)
- WP 5: Whole Life Asset Management (NR)

Additional WPs:
- WP 6: Dissemination
- WP 7: Management
- WP 8: Scientific & Technical Coordination (UIC)

Date: 24th of April 2012

http://www.mainline-project.eu
Emerging research indicates potential for major step forward

**INNOTRACK**
- e.g. Reduction of dynamic loads in switches and crossings

**Sustainable Bridges**
- e.g. Knowledge on the strengthening of bridges

**Other**
- e.g. Research experience from other partners

**MAINLINE (M0)**
- e.g.
  - enhanced methods for replacements of switches and crossings
  - enhanced construction methods and strengthening methods for bridges
  - ...

**MAINLINE’s step forward with regard to INNOTRACK and Sustainable Bridges**

**MAINLINE (M36)**
Today’s presentations

- Today’s presentations are examples of work to show what we have done and what conclusions we have drawn from the work
- We have chosen to show good examples
Summary of project management – lessons learnt

Adeline Paul, ARTTIC
Project management in MAINLINE

- Coordinator: UIC
- ARTTIC as support for management and dissemination activities
  - Day-to-day operational management
  - Support in administrative, financial and legal aspects
  - Provision of coordination/communication tools
  - Support in the organisation of meetings and workshops

http://www.mainline-project.eu
Deliverables

- 32 deliverables over 3 years
- 26 available on the public website
- 7 restricted turned to public
Deliverables – improvements

Some delays in the beginning – caught up midterm thanks to optimisation of review process:

• Contribution of the Advisory Committee
• Appointment of internal WP reviewers
• Reminders and advanced deadlines
• Final drafts for last deliverables due for September ready before summer
Some changes between 2011-2014: partners

- Mouchel Rail bought by SKM, now Jacobs/SKM

- SETRA (Directorate for Road and Motorway Design Studies) included in a new organisation called Cerema (Centre For Studies and Expertise on Risks, Environment, Mobility, and Urban and Country planning)
Some changes between 2011-2014: work and budget

- WP4 leadership planned for MAV, overtaken by TWI
- Strengthened track part: extra funds reallocated to track experts in TU Graz
- Very active in dissemination and also many interactions and meetings: more travel budget needed for some partners
Second and final reporting M19-M36

- Templates will be sent by Friday
- **Deadline:** 24 October
- To be provided at the end of the project:
  - Periodic report as for period 1
  - In addition: final report
Submission of a Periodic report

Periodic Report comprises:

• Scientific part (progress of work and publishable summary);

• Financial part (Financial Statement - Form C and explanation of uses of resources);

• Deliverables (identified in Annex I of the Grant Agreement)
Submission of a Final report

Final Report comprises:

• Final publishable summary including context, objectives, main S&T results, potential impact

• Plan for the use and dissemination of foreground
  – List of all scientific (peer reviewed) publications
  – List of all dissemination activities
  – List of applications for patents, trademarks, etc.

• Report covering the wider societal implications of the project, in the form of a questionnaire, including gender equality actions, ethical issues, efforts to involve other actors
Attention

MAINLINE ends today. This means that it is the last day to perform any scientific work or charge expenses!

We made it!
Thank you!