MAINLINE Training session
Use of the Life Cycle Assessment Tool (LCAT)

1st step: 11-12 June, SKM, London, UK
2nd step: 11-12 September, UIC, Paris, France
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On behalf of Björn Paulsson, Coordinator of the EU railway project MAINLINE, UIC has the pleasure to invite you to attend a 2-step training session dedicated to the use of the prototype tool developed by the project, the Life Cycle Assessment Tool (LCAT).

This tool will evaluate whole life environmental and economic impact for maintenance and renewal activities of three assets – bridges, track and earthworks.

This 4-day training is divided into 2 steps: the first step will take place in London on 11-12 June (day 1 and 2) and the second step at UIC in Paris on 11-12 September 2014 (day 3 and 4).

MAINLINE stands for Maintenance, renewal and improvement of rail transport infrastructure to reduce economic and environmental impacts. The MAINLINE project has been initiated by UIC in order to develop methods and tools that will contribute to a more cost efficient and effective improvement of European railway infrastructure based on whole life considerations.

For more information about the project, please go to our website http://www.mainline-project.eu/What-s-new.html where you will find our brochure and a recent press release presenting the current technical progress (available in English, German and French).

Please note that this training is free of charge. However all participants need to cover their own costs for accommodation and travel. The detailed agenda and logistic details for both steps are available below.

For any further information, please contact mainline-lcat-registration@eurtd.com.

http://www.mainline-project.eu
13:00  Welcome

13:30  Introduction to MAINLINE and presentation of delegates
Björn Paulsson, UIC/Trafikverket

14:00  Repetition of day 1 and 2 and presentation of delegates
Anders Carolin, Trafikverket

14:30  Break

15:30  LCAT Algorithms - Introduction, inputs/outputs
Ian Siviter, George Sotiropoulos, Jacobs/SKM

16:00  Model run through - Track
Ian Siviter, George Sotiropoulos, Jacobs/SKM

16:30  Model run through - Metallic Bridges
Ian Siviter, George Sotiropoulos, Jacobs/SKM

17:00  Model run through - Earthworks
Ian Siviter, George Sotiropoulos, Jacobs/SKM

17:30  End of Day 3

19:00  Common Dinner
09:00  Welcome

09:15  Results from homework
       Anders Carolin, Trafikverket
       Ian Siviter, George Sotiropoulos, Jacobs/SKM

10:45 Break

11:00 Worked example, bridges
       Pou Linneberg, COWI

11:45 Worked example, track
       Stefan Marschnig, Graz University of Technology

12:30 Lunch

13:30 Guideline for extended use,
       examination techniques and effective replacement
       RAMS and sensitive analysis
       Lennart Elfgren, Luleå University of Technology

14:30 Environmental features for advanced use of LCATs
       Paulo Cruz, University of Minho

15:00 Break

15:30 Panel discussion
       Bjorn Paulsson, UIC/Trafikverket
       Anders Carolin, Trafikverket
       David Castlo, Network Rail
       Poul Linneberg, COWI
       Stefan Marschnig, TU Graz

16:00 Summary and Closing
       David Castlo, Network Rail

16:30 End of Day 4 and LCAT training
Venue: UIC, Paris

Union Internationale des Chemins de Fer – UIC
(International Union of Railways)
16 rue Jean Rey, 75015 Paris, France

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Fax: +33 (0) 1 44 49 20 29

Access:
Metro line 6 “Bir Hakeim”
RER line C “Champ-de-Mars Tour Eiffel”

http://www.mainline-project.eu
Accommodation nearby

The prices indicated are generally preferential prices negotiated by UIC. When you book your room you should specify that it is the UIC price.

Hôtel MERCURE Paris Centre Tour Eiffel ****
20 rue Jean Rey - 75015 Paris
Tel.: 33 1 45 78 50 00 / Fax: 33 1 45 78 91 42
Standard room = 175 €
Privilege room = 205 €
(except during exhibition periods)
Breakfast included
Metro line 6: Bir Hakeim / RER C : Champ de Mars-Tour Eiffel
http://www.mercure.com

Hôtel Le Marquis ****
15 rue Dupleix - 75015 Paris
Tel.: 33 1 43 06 31 50 / Fax: 33 1 40 56 06 78
Single room = 185 €
Double room = 200 €
(except during exhibition periods)
Breakfast included
Metro line 6: La Motte-Picquet – Grenelle / RER C : Champ de Mars – Tour Eiffel
http://www.lemarquisparis.com

Hôtel Eiffel Seine ***
3, bd de Grenelle - 75015 Paris
Tel.: 33 1 45 78 14 81 / Fax: 33 1 45 79 46 96
Single room = 170 €
Double room = 185 €
(except during exhibition periods)
Breakfast included
Metro line 6: Bir Hakeim / RER C: Champ de mars – Tour Eiffel
http://www.hotelbeaugrenelle.com

Hôtel Beaugrenelle Tour Eiffel ***
19, rue Viala - 75015 Paris
Tel.: 33 1 45 77 40 78 / Fax: 33 1 45 78 70 48
Public prices:
Single room = 102 €
Double room = 128 €
(Exhibition periods: 126 & 148 €)
Breakfast included
Metro line 6: Dupleix / RER C : Champ de mars – Tour Eiffel
http://www.hotelbeaugrenelle.com

Hôtel France EIFFEL ***
8 rue Saint Charles - 75015 Paris
Tel.: 33 1 45 79 33 35 / Fax: 33 1 45 79 40 84
Single room = 110 €
Double room = 125 €
Breakfast included
Metro line 6: Dupleix / RER C : Champ de Mars – Tour Eiffel
http://www.escapade-paris.com

Hôtel EIFFEL Saint-Charles ***
37 rue Saint Charles - 75015 Paris
Tel.: 33 1 45 79 64 15 / Fax: 33 1 45 77 21 11
Single room = 118 €
Double room = 128 €
Wifi included – Breakfast = 13 €
Metro line 6: Dupleix or Metro line 10: Emile Zola
hotel@eiffelsaintcharles.com
http://www.eiffelsaintcharles.com

Hôtel Relais Saint Charles ***
72, blvd de Grenelle - 75015 Paris
Tel.: 33 1 40 58 00 57
Single room = 129 €
Double room = 139 €
(except during exhibition periods)
Breakfast included
Metro line 6: Dupleix / RER C : Champ de Mars – Tour Eiffel
relaissaintcharles@escapade-paris.com
http://www.escapade-paris.com

Hôtel Tourisme ***
66 av de la Motte-Picquet - 75015 Paris
Tel.: 33 1 47 34 28 01 / Fax: 33 1 47 83 66 54
Single or double room (public prices) = 122 €
Promotional fares according to the season – contact the hotel directly
Metro line 6: La Motte-Picquet – Grenelle
http://www.tourism-hotel-paris.com

Hôtel Innova **
32 boulevard Pasteur - 75015 Paris
Tel.: 33 1 47 34 70 47 / Fax: 33 1 40 56 07 91
Public prices:
Single room = 70 to 135 €
Double room = 90 to 160 €
Breakfast not included (10 €)
Metro line 6: Pasteur
http://www.hotelinnovaparis.com