

SUSTRAIL

The sustainable freight railway: Designing the freight vehicle – track system for higher delivered tonnage with improved availability at reduced cost

MID-TERM CONFERENCE PROGRAMME

Date	December 4, 2013
Venue	Organisation
UIC Headquarters 16 rue Jean Rey F-75015 Paris, France	Ms. Isabelle De Keyzer Phone: +33 (0)1 44 49 20 37 Fax +33 (0)1 44 49 20 69 E-mail: DEKEYZER@uic.org ,

December 4 – Morning session Mid-Term Conference		
Time	Topic	Who
08:30	Participants Registration	UIC
09:00	Welcome Note and Opening	I. De Keyzer (UIC) D. Zangani, TRAIN
09:10	The position of the railway operators on the freight vehicle	HG Kersten (UIC)
09:20	Sustrail Project Introduction ➤ <i>An Integrated Approach for an Increased Performance in the Freight Rail System</i>	D. Zangani, C. Fuggini (TRAIN)
09:40	Duty requirements ➤ <i>Current and future trends in freight systems and freight traffic flows</i> ➤ <i>Concluding remarks and open discussion</i>	F. Franklin (UNEW), K. Blacktop (NR)
10:10	Coffee Break	
10:30	The freight train of the future – towards a “green” vehicle ➤ <i>Introduction</i>	S. Iwnicki (HUD)
10:45	The freight train of the future – towards a “green” vehicle ➤ <i>Improved running gear</i> ➤ <i>Novel wheelset design</i> ➤ <i>Improved braking systems</i> ➤ <i>Lightweight solutions for bogie and wagon structures & Increased capacity freight wagon</i> ➤ <i>Condition monitoring for the freight rail vehicle</i>	S. Iwnicki (HUD) M. Carboni (Polimi) M. Keschwari (KES) F. Franklin / C. Ulianov (UNEW) F. Defossez (Mermec)
12:15	The freight train of the future – towards a “green” vehicle ➤ <i>Concluding remarks and open discussion</i>	S. Iwnicki (HUD) - ALL
12:30	Lunch	

December 4 – Afternoon session Mid-Term Conference		
Time	Topic	Who
14:00	Sustainable Track – towards a “zero” maintenance track ➤ <i>Introduction</i>	<i>K. Blacktop (NR)</i>
14:15	Sustainable Track – towards a “zero” maintenance track ➤ <i>Performance based design principles</i> ➤ <i>Supportive ballast and substrate</i> ➤ <i>Switches and crossing</i> ➤ <i>Track based condition monitoring</i>	<i>C. Fuggini (TRAIN)</i> <i>D. Zangani (TRAIN)</i> <i>Y. Bezin (HUD)</i> <i>F. Defossez (Mermec)</i>
15:15	Sustainable Track – towards a “zero” maintenance track ➤ <i>Concluding remarks and open discussion</i>	<i>K. Blacktop (NR)</i>
15:30	Coffee Break	
15:45	The Sustrail Business Model ➤ <i>Introduction</i>	<i>Ph. Wheat (UNILEEDS)</i>
16:00	The Sustrail Business Model ➤ <i>LCC and RAMS</i> ➤ <i>User benefit modelling: The British Case Study</i> ➤ <i>Human factors implications from SUSTRAIL innovations</i>	<i>M. Rantatalo (LTU)</i> <i>D. Johnson (UNILEEDS)</i> <i>C. Vaghi / A. Milotti (GCLAS)</i>
17:00	The Sustrail Business Model ➤ <i>Concluding remarks and open discussion</i>	<i>Ph. Wheat (UNILEEDS) - ALL</i>
17:15	Discussion and concluding remarks	<i>K. Blacktop (NR), D. Zangani / C. Fuggini (TRAIN)</i>
17:30	Closing of the conference	<i>I. De Keyzer (UIC)</i>

Note:

At the end of the conference, the members of the Steering Committee will be asked to have a short meeting (half an hour) with the members of the Sustrail Project Advisory Committee.