HEAVY ROUTE

FINAL Seminar Invitation

9-10 June 2009, Brussels

FEHRL — SIXTH FRAMEWORK PROGRAMME

The volume of freight transport on roads has grown steadily over the years and is expected to increase signifi cantly over the next decade. From the viewpoint of a road operator, this will lead to accelerated damage to bridges and pavement fatigue as well as creating major traffic management problems to maintain safety and reduce congestion. For truck operators, there are the combined challenges of reducing ever increasing fuel costs, maximising efficiency and profitability whilst maintaining safety. For truck drivers, they have the additional tasks of charting a safe and appropriate route.

The FP6 project "Heavyroute" is based on the belief that one major support for all three parties could come from the improvement in the generation and usage of maps for trucks in Europe. The use of mapping systems based on satellite guidance has increased dramatically and is providing major benefits to professional drivers. However there are many stories of drivers finding themselves on inappropriate routes for their vehicle, using current systems.

Working with all the major stakeholders, the Heavyroute project worked to provide the tools, the systems and the data collection and interpretation processes that will effectively link Europe's road infrastructure via electronic mapping systems to the truck operators and drivers. This will provide a major boost to the efficiency, profitability and safety of the haulage sector whilst contributing to overall road safety and congestion and infrastructure asset management objectives.

Three main applications were developed based on vehicle/infrastructure interaction models together with detailed data on the vehicle itself, the infrastructure and the traffic.

Pre-trip route planning

- Allowable routes were derived based on "HGV specific data" together with physical and legal restrictions on the infrastructure

- Arguments addressing fuel consumption, emissions, noise, safety, driver comfort and infrastructure maintenance costs.

Driving support

- Real time driver warning and recommended driving to avoid critical situations (for example recommended speed to avoid roll-over)

Monitoring and management of HGV's at bridges

- Advice on speed, minimum vehicle spacing and/or lane change to keep appropriate loading of bridges

Bringing together representatives from the road related industry, road decision makers, owners, and operators - both for urban and interurban area, research institutes, academia and the European Commission, the HEAVY ROUTE FINAL SEMINAR aims at presenting the final results of the project.

For this occasion, we would like to invite you to first toast with us the end of the HeavyRoute project in the new "HotelBloom!"*, rue Royale 250, 1210 Brussels, Metro Botanique, followed by a half-day seminar in the same hotel.

*Best venue of the year 2008 Award, 2008 Caïus Award"

Please register online to attend:
http://www.fehrl.org/index.php?m=138&mode=register&id=19

You can find the Programme page on following link:
http://www.fehrl.org/index.php?m=190

A list of recommended Hotels and Map to the rue Royale 250, 1210, Brussels you can find on:
http://www.fehrl.org/index.php?m=32&id_directory=1323

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HeavyRoute Final Seminar Agenda

Date: 9th June 2009
Venue: HotelBloom!, Brussels, Belgium

19:00 - 20:00   Welcome Cocktail -

FEHRL

HeavyRoute Project Coordinator

European Commission

Date: 10th June 2009
Venue: HotelBloom!, Brussels, Belgium

Time	Session	Speakers
8:30	*Registration and Coffee*	
9:00	Welcome and introduction	Anita Ihs (VTI, HR project coordinator), William Bird (EC Project Officer), Marc Billiet (IRU), Veronique Corduant (Deutsche Post)
9:30	Vehicle/infrastructure interaction models	Leif Sjogren (VTI), Anita Ihs (VTI)
9:50	Truck attributes and other map data	Kees Wevers (Navteq)
10:10	The HeavyRoute cost database	Gunnar Lindberg (VTI)
10:30	Panel discussion	Leif Sjogren (VTI), Kees Wevers, (Navteq), Gunnar Lindberg (VTI),
	Conclusions by moderator	Moderator: Bernard Jacob (LCPC)
10:50	*Coffee*	
11:20	Pre-trip routing application	Silke Forkert /Thomas Benz (PTV)
11:40	Driver support/warning (roll-over, black spots)	Hocine Imine (LCPC), Véronique Cerezo (CETE Lyon)
12:00	Bridge management application (incl field tests)	Hocine Imine (LCPC), Stefan Deix/ Marian Ralbovsky (arsenal research)
12:20	Driving simulator and field tests	Anita Ihs (VTI), Leif Sjogren (VTI),
12:40	Traffic simulations and CBA	Gunnar Lindberg (VTI),
13:00	Panel discussion	Silke Forkert /Thomas Benz (PTV), Hocine Imine (LCPC), Véronique Cerezo (CETE Lyon), Anita Ihs (VTI), Kees Wevers, (Navteq), Moderator: Bernard Jacob, (LCPC)
	Conclusions by moderator	
13:20	Conclusions	Anita Ihs (VTI), William Bird (EC Project Officer), Bernard Jacob, (LCPC)
13:30	*Lunch*	

SIXTH FRAMEWORK PROGRAMME

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