



FREILOT

Newsletter

The FREILOT pilot targets reduction of fuel consumption and CO₂ emissions in urban freight transport. FREILOT is supported by the European Commission DG INFSO under the Competitiveness and Innovation Programme (CIP)

At the time of writing this editorial we have put behind us a very hectic period. The largest part of the work on adapting the FREILOT services to different pilot sites has been done. Installations of the Energy Efficient Intersection Control in Helmond and Delivery Space Booking in Bilbao were fully completed in the early October. The first FREILOT media event took place on 13 October in Bilbao (featured in this issue of the newsletter). In a couple of days, on 28 October, we are looking forward to welcoming you at the FREILOT driving phase launch event in Helmond, The Netherlands.

PEEK Traffic, the main leader for the intersection control related applications in FREILOT has completed an extensive set of simulations for the Helmond and Krakow sites in order to investigate what impact the Energy Efficient Intersection Control will have on the traffic flows and reduction of stops for the equipped trucks. As expected we can see that the equipped trucks will gain from this functionality, which will help them cut down the number of stops at intersections, most times of the day. This is however not the case in rush-hour traffic. Simulations indicate that providing priority to fleet operator trucks between 4 and 6 p.m. in the city of Helmond would not have any effects. Therefore the priority will be disabled between these times.

First installations of the Acceleration / Adaptive Speed Limiters have been done on one of the fleet operators' trucks. These installations indicated that there is a need for additional adaptation work before this functionality can be implemented across the identified fleet operator vehicles in Bilbao, Lyon and Helmond.

The FREILOT video has been filmed in Helmond and Bilbao. It is currently being developed and will be premiered at the Helmond launch event. We are looking forward to seeing the final outcomes of this work. Further footage is scheduled for April 2011 (Lyon and Krakow), so there will be a second version, which will be premiered in June 2011 at the ITS European Congress in Lyon. This second version of the FREILOT promotional video will be available with subtitles in the four languages of the FREILOT pilot cities (Dutch, French, Spanish and Polish) plus English.

With the aim of ensuring sustainable after-project life FREILOT partners have been working on preparing a white paper which tries to identify all deployment



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barriers and, where possible, already known solutions for how to overcome those.

The Helmond pilot site was taken as the study case. Discussions on items such as maintenance of the systems, costs for further expansion, organisational models needed to be in place are some of the topics raised in the paper. This activity will be used as a model to other sites to address the same questions.

On 28 October a major event for FREILOT will take place in Helmond. The event will start with a press briefing, continue with the FREILOT showcase (where participants will be able to experience FREILOT services) and will finish with a deployment-oriented conference. Currently more than 100 participants are registered and we believe that this will be an event that all participants will remember.

By the time of the next newsletter, we hope to bring to you news about finalisation of the installation work in all pilot sites and some early results from our trucks in the field. Again, do not miss out the event on 28 October in Helmond and we hope to hear from you!

Zeljko Jetic, FREILOT Project Coordinator

Highlight

Delivery space booking in Bilbao



Figure 1 Delivery space vehicle/driver identification unit



Figure 2 Delivery space roadside installations

bookings were already registered in an excel sheet in July. However, in order for the fleet operators to learn the system and start using it, they were requested to fill in those bookings in the web-based system.

Delivery Space Booking implementation in Bilbao progressed well in this period. The final technical work was performed. By the beginning of October 2010 the installation works on the streets (Figure 1 and 2) were concluded and the training session for the fleet operators (Figure 3) had been done. After the training session the fleet operators were asked to make bookings in the system. Pre-



Figure 3 Delivery space booking training session



Figure 4 and 5 FREILOT press release/conference in Bilbao 13 October 2010

Bilbao pilot site launch!

The Bilbao pilot site was the first of the four FREILOT pilot sites to kick-off. On 13 October 2010, Bilbao partners – City of Bilbao, MLC Euskadi, GERTEK and AZKAR – organised a press conference for the local and regional media to mark the start of FREILOT operations. With all of infrastructure installations being in place, media and other guests were taken through the FREILOT project and shown how it has been adapted to the needs of the City of Bilbao.

The Bilbao pilot site launch paid off - thanks to the enthusiasm and hard work of the Bilbao partners, nine Spanish or Basque language TV items were broadcast, and eight newspaper/journal articles were published. The publicity achieved during the press campaign on 13 October 2010 resulted in more than 40 new fleet operators requesting to join the scheme. In January 2011, many of these fleet operators will join the scheme supporting FREILOT to achieve its objectives of expanding the user base and achieving sustainable after-project life.

For full details about media coverage, articles and videos on this topic, please refer to the FREILOT website (www.freilot.eu).



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FREILOT
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