

Circolare AIIT - Piemonte e Valle d'Aosta - n. 22/maggio 2014

Notizie selezionate e riferimenti ad alcuni documenti pubblicati di recente sui temi del settore dell'ingegneria del traffico e dei trasporti.

1. Consultations on Combined transport

- Combined Transport is promoted within the European Union (EU) through the Combined Transport Directive (CT Directive). The CT Directive seeks to promote Combined Transport operations. The EC is undertaking this public consultation to gather information about the implementation of the CT Directive, as well as to assess whether a revision of the CT Directive would be desirable and, if so, what possible enhancements could be made in future revisions of Combined Transport policy. (Consultation period: 23/05/2014 - 15/08/2014)
- http://ec.europa.eu/transport/media/consultations/2014-combined-transport_en.htm

2. Studies on the State of the EU Road Haulage Market

- Two reports are available: Collection and Analysis of Data on the Structure of the Road Haulage Sector in the European Union; Analyse the State of the European Road Haulage Market, Including an Evaluation of the Effectiveness of Controls and the Degree of Harmonisation.
- http://ec.europa.eu/transport/modes/road/studies/road_en.htm

3. Comparison of Energy Use and CO2 Emissions from Different Transportation Modes

- The American Bus Association has released a report that evaluates the environmental performance of highway motorcoach operations by comparing motorcoaches' energy use and carbon dioxide (CO2) emissions with the energy use and CO2 emissions of other transportation vehicles and modes.
- <http://www.buses.org/files/green.pdf>

4. Review of Federal Vehicle Collisions and Aftermarket Collision Avoidance Technologies

- The U.S. Government Accountability Office has released a report assesses the extent to which federal vehicles were reported to have been involved in accidents from fiscal years 2008 through 2012 and the cost of those accidents to the government. The report also examines the potential of aftermarket collision avoidance technologies to help reduce vehicle accidents.
- <http://www.trb.org/main/blurbs/170627.aspx>

5. Driver Support Systems: Estimating Road Safety Effects at Varying Levels of Implementation

- The Norwegian Centre for Transport Research has released a report for estimates of selected driver support systems with a potential to reduce the number of fatalities. The driver support systems considered were: Intelligent Speed Adaptation (ISA), maximum speed governor, Alcolock, seat belt lock, sleep/fatigue warning system, programmable electronic ignition lock ("Smartcard"), adaptive cruise control (ACC), and electronic stability control (ESC).
- <https://www.toi.no/getfile.php/Publikasjoner/T%C3%98rapporter/2014/1304-2014/1304-2014-elektronisk.pdf>

6. Electric Vehicle Charging Stations at Airport Parking Facilities

- The report summarizes the state of the EV industry; highlights the motivations for airport sponsors to provide EV charging stations; identifies current EV charging technologies; and describes practices for installing EV charging stations at airports in terms of finances, planning, implementation, and operation of the charging stations.
- http://onlinepubs.trb.org/onlinepubs/acrp/acrp_syn_054.pdf

7. Test electric roads in a city

- In collaboration with the Swedish Transport Administration, the Volvo Group will study the potential for building electric roads, where city buses can be charged from electricity in the road at the same time as the bus is in operation. The benefit is quieter and more climate-smart public transport. A 300- to 500-metre electric road may be built for test operations in central Gothenburg during 2015.
- <http://www.itsinternational.com/sections/general/news/volvo-group-studies-potential-to-test-electric-roads-in-a-city/>

8. Developing driver assistance and traffic management systems

- European vehicle manufacturers, including BMW, Opel and Mercedes-Benz and MAN, are taking part in a new project to develop advanced driver assistance and traffic management systems for cities. The focus is on the human element in all aspects of mobility and traffic and takes the form of three approaches: Cognitive Assistance; Networked Traffic Systems; and Human Factors in Traffic.
- <http://www.itsinternational.com/categories/location-based-systems/news/urban-developing-driver-assistance-and-traffic-management-systems/>

9. Contributi per l'acquisto di veicoli a Basse Emissioni Complessive (BEC)

- I contributi hanno l'obiettivo di favorire l'acquisto di veicoli ad alimentazione alternativa (elettrici, ibridi, a metano, GPL, biocombustibili, idrogeno) con emissioni di anidride carbonica allo scarico non superiori a 120, 95 e 50 g/km.
- http://www.sviluppoeconomico.gov.it/index.php?option=com_content&view=article&viewType=0&id=2030601&idarea1=1995&idarea2=0&idarea3=0&idarea4=0&andor=AND%2A7ionid=2&andorcat=AND&partebassaType=0&idareaCalendario1=0&MvediT=1&showMenu=1&showCat=1&showArchiveNewsBotton=0&idmenu=3732