



Circolare AIIT - Piemonte e Valle d'Aosta - n. 16/novembre 2013

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

1. Major corridors for transportation in Europe
 - The European Parliament has given final approval to new maps showing the nine major corridors which will act as a backbone for transportation in Europe's single market and revolutionise East–West connections.
 - http://ec.europa.eu/transport/themes/infrastructure/news/ep-backs-new-eu-infrastructure-policy_en.htm
2. Evaluation of intelligent speed adaptation (ISA) systems
 - A study was commissioned to provide independent and unbiased evaluation of road safety, environmental (fuel consumption and CO2 emissions) and economic effects of the application of Directive 92/6/EEC ("Speed Limitation Directive", amended by Directive 2002/85/EC) to heavy commercial vehicles, such as buses and lorries. The study also assessed whether the Directive should be amended to include the application of speed limitation devices and Intelligent Speed Adaptation systems (ISA) to light commercial vehicles, such as minibuses and smaller vans.
 - http://ec.europa.eu/transport/road_safety/topics/behaviour/speeding/index_en.htm
3. Works on the Italian rail network awarded EU co-funding
 - The European Union will co-finance with almost €15 million from the TEN-T Programme two projects to improve two key sections of the Italian railway network.
 - http://tentea.ec.europa.eu/en/news_events/newsroom/works_on_the_italian_rail_network_awarded_eu_co-funding.htm
4. EU and China working together to improve urban mobility
 - As part of the EU/China Urban Partnership the EU and China are working together to improve urban mobility. Commission Vice-President Siim Kallas, in charge of transport, addressed the 2nd EU China Urban Forum in the Great Hall of the People, Beijing. The annual Forum brings together hundreds of EU and Chinese city Mayors as well as academics and business representatives with an interest in the future of urbanisation in order to share ideas and identify future co-operation activities.
 - http://ec.europa.eu/transport/themes/urban/news/eu-china_en.htm

5. European eCoMove consortium presents findings

- The consortium, comprising 32 partners including public authorities, vehicle manufacturers, service providers, infrastructure and telecommunication operators, and research institutes, has developed solutions using next-generation vehicle-to-X communication technologies to reduce the inefficiencies responsible for energy waste in road transport.
- <http://www.erticonetwork.com/ertico-news/entry/1428-ecomove-2nd-day-of-the-final-event-with-three-sessions>

6. Electrification project for the public transit

- The project includes the testing of three Nova LFSe electric buses and two charging stations in Montreal. The goal is to have the noiseless and emission-free buses operational for demonstration in the third quarter of 2015 and in regular traffic for three years, beginning in 2016. The three fully electric buses will be used in city operations in Montreal and charge rapidly at bus terminals. The energy storage system used in the vehicles is leveraging on the extensive Volvo Group knowledge and technology.
- <http://www.itsinternational.com/sections/general/news/montreal-to-become-city-of-electro-mobility/>

7. Smartphone technology to record driving style

- The application uses a smart phone technology to record motorist's driving style, their acceleration, braking and cornering. According to analysis from insurance provider Aviva's Drive App, data from over 3.5 million miles driven by users of the app reveals the areas with the safest drivers. Greater London, including areas such as Islington, Chelsea and Croydon takes the top spot in Aviva's table - which is especially impressive given the heavy traffic volumes, indicating residents are more likely to prioritise safety over speed.
- <http://www.itsinternational.com/sections/general/news/greater-london-tops-the-aviva-safe-driver-table/>

8. Vehicle to Vehicle Technologies and Safety Benefits

- Examined in a report the development and possible future deployment of V2V technologies. Three issues were addressed: the state of development of V2V technologies and their anticipated benefits; the challenges, if any, that will affect the deployment of these technologies, and what actions, if any, DOT is taking to address them; what is known about the potential costs associated with these technologies for automobile manufacturers and consumers.
- <http://www.gao.gov/assets/660/658709.pdf>

9. Autonomous vehicles

- China's fifth annual Future Challenge for unmanned intelligent vehicles to test their capabilities in suburban and urban road tests, over a 23-kilometre course.
- <http://www.itsinternational.com/categories/detection-monitoring-machine-vision/news/lidar-technology-wins-big-in-chinas-autonomous-vehicle-challenge/>