



Circolare AIIT - Piemonte e Valle d'Aosta - n. 31/marzo 2015

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

1. New vehicle technologies and safety

- New safety technologies could play a major role in bringing the numbers killed on European motorways down, according to the European Transport Safety Council (ETSC), authors of a new report published. The new analysis of developments in motorway safety shows that, despite recent progress, around 1900 were killed on motorways in the EU in 2013. The report cites figures from several countries showing that up to 60% of those killed in motorway collisions were not wearing a seatbelt.
- <http://etsc.eu/new-vehicle-technologies-and-extension-of-eu-infrastructure-safety-rules-could-prevent-thousands-of-collisions-on-motorways/>

2. Commission road safety statistics

- Following two years of solid decreases in the number of people killed on Europe's roads, the first reports on road deaths in 2014 are disappointing. According to the figures released, the number of road fatalities has decreased by approximately 1% compared to 2013. This follows on the 8% decrease in 2012 and 2013. The figures reveal a total of 25 700 road deaths in 2014 across all 28 Member States of the EU. Whilst this is 5700 fewer than in 2010, it falls short of the intended target decrease.
- http://www.erticonetwork.com/index.php?option=com_easyblog&view=entry&id=3529

3. Young distracted drivers causing crashes

- The US-based AAA Foundation for Traffic Safety has carried out research revealing shocking figures on young driver distraction. According to video analysis, 58% of moderate-severe crashes involving teenaged drivers in the US include distraction as a causal factor. The researchers investigated what happened during the six seconds prior to crashes. This study used video footage captured from in-vehicle recording equipment in close to 1,700 incidents involving teenaged drivers. The research revealed that driver distraction was a factor in 89% of incidents involving a vehicle leaving the road and 76% of those involving a rear-end crash.
- <http://www.itsinternational.com/categories/enforcement/news/young-distracted-drivers-causing-crashes/>

4. Automated vehicle to travel coast-to-coast across the USA

- The project will allow Delphi engineers to gather critical data and further advance the company's active safety technology development in this rapidly growing segment of the automotive industry. During the cross-country journey, the vehicle will be challenged under a variety of driving conditions, from changing weather and terrain to potential road hazards and other factors that could never be truly tested under laboratory or test track conditions.
- <http://www.traffictoday.com/news.php?NewsID=67359>

5. New tire pressure monitoring system
 - An innovative technology that provides instant tire pressure readings for cars, trucks and buses, without the need to stop the vehicle, is being piloted in the UK at Keele Services on the M6 (southbound). The pilot, which is being organized in partnership with the Highways Agency and Welcome Break services, will provide car and HGV drivers with a quick and easy way of checking their vehicles' tires.
 - <http://www.traffictechtoday.com/news.php?NewsID=67553>
6. Released the 2015-2019 ITS Strategic Plan
 - The U.S. Department of Transportation (USDOT) ITS Strategic Research Plan—2010-2014 established a focused research agenda to prepare the next generation of intelligent transportation system (ITS) technologies for widespread deployment throughout the nation. Throughout the enactment of that research agenda, the USDOT ITS Program has pursued active and consistent engagement with a broad stakeholder community. As we look toward the next 4 years and building on the progress of the current plan, the USDOT aims to continue to engage stakeholders in our ITS research efforts.
 - http://www.its.dot.gov/strategicplan/strategic_plan_2015.htm
7. EU approves new rules for safer, more eco-friendly trucks
 - The European Parliament has given its final approval to new EU rules for safer and more eco-friendly lorries (trucks) that was put forward by the European Commission (EC). The new rules will allow manufacturers to develop more aerodynamic trucks that will reduce fuel consumption by 7-10%, cut emissions of greenhouse gases, and also enhance road safety.
 - <http://www.traffictechtoday.com/news.php?NewsID=67381>
8. Low emissions vehicles only for central London
 - UK capital London is taking further steps to reduce pollution with the introduction of an Ultra Low Emission Zone (ULEZ). This will be introduced in central London in 2020 and is intended to improve air quality across the city. The ULEZ will operate 24 hours/day, seven days/week in the same area as the current Congestion Charging zone (CCZ) from 7th September 2020. All cars, motorcycles, vans, minibuses and heavy vehicles will need to meet emission standards (ULEZ standards) or pay an additional daily charge to travel within the zone.
 - <http://www.itsinternational.com/sections/general/news/low-emissions-vehciles-only-for-central-london/>
9. Electric vehicle to grid system
 - At the 85th Geneva International Motor Show, which took place March 5-15, Nissan and Endesa, an Enel Group subsidiary, signed a ground-breaking agreement that paves the way for a mass-market vehicle-to-grid (V2G) system. The Vehicle to Grid (V2G) system consists of the Endesa two-way charger and an energy management system that can also integrate such off-grid, and renewable, power generation as solar panels and wind turbines.
 - <http://www.traffictechtoday.com/news.php?NewsID=67473>
10. car2go arriva a Torino
 - car2go, il servizio di car-sharing a flusso libero, attivo 24 ore su 24 e 7 giorni su 7, ha aperto le registrazioni a Torino. A partire dall'8 aprile saranno disponibili 100 smart fortwo, un veicolo "Enviromental- friendly", con una emissione di 98 g CO2/km, e la flotta a regime di car2go sarà composta da 450 smart.
 - <http://www.ttsitalia.it/car2go-arriva-a-torino/>