



## **Circolare AIIT - Piemonte e Valle d'Aosta - n. 29/gennaio 2015**

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

1. Priorities and investment needs for the Trans-European Transport Network until 2030
  - The European Commission has published nine studies on the state of play and the development needs of the TEN-T core network corridors. The studies have identified infrastructure development needs which represent approximately €700 billion of financial investment until 2030. They highlight the importance of optimising the use of infrastructure along the corridors, notably through intelligent transport systems, efficient management and the promotion of future-oriented clean transport solutions.
  - [http://ec.europa.eu/transport/newsletters/2015/01-16/articles/tent-studies\\_en.htm](http://ec.europa.eu/transport/newsletters/2015/01-16/articles/tent-studies_en.htm)
2. Adaptation of transport to climate change in Europe
  - This report explores current climate change adaptation practices concerning transport across European countries. It provides an overview on the challenges and state adaptation action, a review of a number of initiatives in different countries, and conclusions on a potential way forward. Its purpose is to stimulate discussions among the many different stakeholders concerned with transport adaptation.
  - <http://www.eea.europa.eu/publications/adaptation-of-transport-to-climate>
3. Connecting Europe Facility - Transport Multi-annual Call
  - Funding Objective 3 aims at optimising the integration and interconnection of transport modes and enhancing the interoperability of transport services, while ensuring the accessibility of transport infrastructures. It addresses the following priorities: Single European Sky – SESAR; River Information Services (RIS); Intelligent Transport Services for road (ITS); Motorways of the Sea (MoS); Actions implementing transport infrastructure in nodes of the Core Network, including urban nodes; Connections to and development of multimodal logistics platforms (The deadline for this Call is Thursday, 26 February 2015).
  - [http://inea.ec.europa.eu/en/cef/cef\\_transport/apply\\_for\\_funding/2014-cef-transport-multi-annual-call-funding-objective-3.htm](http://inea.ec.europa.eu/en/cef/cef_transport/apply_for_funding/2014-cef-transport-multi-annual-call-funding-objective-3.htm)
4. EU funding for 200 electric vehicle charging points (France)
  - The European Union's (EU) TEN-T Programme (link is external) has committed almost € 5m to the study and pilot installation of 200 electric vehicle charging points along France's main motorways. The first phase of the project will develop technological, environmental and end-user requirements for a connected fast charging network with the objective to promote rapid electric vehicle deployment in France.
  - <http://www.eltis.org/discover/news/eu-5m-eu-funding-200-electric-vehicle-charging-points-france>
5. Automatic braking systems for vehicle safety
  - National Highway Traffic Safety Administration plans to add two cutting-edge automatic emergency braking systems to the recommended advanced safety features included under its New Car Assessment Program (NCAP) – the latest step in a half-century of safety innovations that have saved more than 600,000 lives, according to new NHTSA research. The agency plans to continue to encourage development and commercialization of additional promising safety-related technologies of vehicle automation through its recommendation of two automatic emergency braking systems – crash imminent braking (CIB) and dynamic brake support (DBS).
  - <http://www.itsinternational.com/sections/nafta/news/nhtsa-to-add-automatic-braking-systems-vehicle-safety-features/>

6. Large-scale testing of autonomous cars
  - The Dutch government has given its approval to large-scale testing of autonomous cars on roads in the Netherlands, saying the technology could reduce congestion and smooth traffic flow. According to the Ministry of Infrastructure and Environment, the Netherlands has become a test-bed for autonomous vehicles, although until now tests have largely been carried out at private facilities.
  - <http://www.itsinternational.com/categories/location-based-systems/news/netherlands-to-begin-large-scale-testing-of-autonomous-cars/>
7. New safety system for tunnels
  - The UK Highways Agency has developed a new way of identifying and managing over-height vehicles and dangerous loads before they enter the tunnel, a job that until now was carried out at the payment barriers. The new system will detect whether a vehicle is too tall, wide or long to enter the tunnels or whether it is carrying hazardous goods that mean it cannot enter the tunnels or needs to be escorted. These will trigger a system of traffic signals and barriers that will stop the vehicle.
  - <http://www.itsinternational.com/categories/charging-tolling/news/details-of-new-dartford-crossing-safety-system-unveiled/>
8. Bus safety systems in New York City
  - In order to help reduce the number of accidents and fatalities involving cyclists and pedestrians, New York's Metropolitan Transportation Authority (MTA) is to start a pilot program in the fall that will see its buses provide an audible warning to the public as they turn at intersections. The authority is also planning to trial another collision avoidance system in the near future, which will use radar and sensors to detect and then alert bus drivers of pedestrians, bicyclists and motor vehicles in the immediate vicinity, including those in their 'blind spots'.
  - <http://www.trafficechnologytoday.com/news.php?NewsID=65175.it>
9. Report on reduced speed limit on Paris ring road
  - One year after the introduction of the reduction of the speed limit from 80 km/h to 70 km/h on the Paris ring road, reports from the City Hall paint a positive picture of the results of this controversial measure. Accidents on the ring road are said to have reduced by 15.5 per cent, from 742 in 2013 to 627 in 2014, while the number of injuries has reduced from 908 in 2013 to 776 in 2014.
  - <http://www.itsinternational.com/sections/general/news/positive-report-on-reduced-speed-limit-on-paris-ring-road/>
10. Virtual traffic lights
  - Researchers at Carnegie Mellon University (CMU) in the US claim to have found a solution to delays caused by traffic signals. They estimate that replacing physical traffic signals with virtual traffic signals could reduce urban commute times by 40 per cent. Electrical and Computer Engineering professor Ozan Tonguz's research on virtual traffic lights uses connected vehicle technology, enabling vehicles to manage traffic control without infrastructure based traffic lights.
  - <http://www.itsinternational.com/categories/utc/news/virtual-traffic-lights-can-reduce-commute-times/>
11. Seminario Scientifico SIDT 2015 e SIDT Giovani
  - Il 14 e 15 settembre 2015 si terranno al Politecnico di Torino il Seminario Scientifico e la manifestazione SIDT (Società Italiana Docenti di Trasporti) Giovani 2015. Tutti gli interessati possono sottoporre un sommario in lingua inglese al più di 250 parole entro il 13 febbraio 2015.
  - <http://www.sidt.org/2015/>