



## Identifying ITS Opportunities for the HA EC Policy Newsletter: March 2010

### ■ ITS RADAR INTERNATIONAL PROJECT

This project is providing intelligence for the Highways Agency on ITS developments in Europe and around the world. It is carried out by TRL and AECOM on behalf of the HA. The project summarises key information for decision makers and practitioners on activities related to Intelligent Transport Systems (ITS). The project covers specific areas of key interest to the HA.

Regular newsletters are being produced, covering information which is in the public domain. For more information about the project and the services provided, the web site can be reached at: [www.highways.gov.uk/itsradar](http://www.highways.gov.uk/itsradar).

To contact us and let us know what you would like this project to deliver please email us at: [ITSRadarInternational@trl.co.uk](mailto:ITSRadarInternational@trl.co.uk)

### ■ ABOUT EC POLICY

The European Commission area of the project is designed to inform the Highways Agency about activities concerning policies, legislation, regulations and other initiatives that have an impact on ITS in Europe and are relevant to the Highways Agency. The two key Directorates with responsibilities for ITS in the European Commission are DG TREN (Transport and Energy) and DG INFSO (Information Society and Media).

### ■ MEETINGS

#### **European Sustainable Energy Week 22 – 26 March 2010**

Source: [EC Transport](#)

A conference on Urban Mobility is being organised as part of this year's European Union Sustainable Energy Week. The conference will take place in Brussels on 24 March 2010.

The conference is expected to consist of high-level presentations from representatives of the European Commission, the Spanish Presidency, the European Parliament and the Committee of the Regions. This will be followed by a panel discussion between stakeholder representatives and the audience on the subject of integrated transport, perspectives for public transport, and freight delivery in cities within the context of the Action Plan on Urban Mobility.

More information can be found in the [EU Sustainable Energy Week website](#).

## ■ CALLS FOR PROPOSALS

No new calls for proposals.

## ■ HOT TOPICS

### **Results of the 12th eSafety Forum Plenary Meeting on eCall**

Source: [ERTICO](#)

The 12th eSafety Forum Plenary Meeting, "eCall Summit: Time for Deployment", took place on 29 October 2009, in Brussels, Belgium; a report on the outcome has recently been published. The event was structured around 3 round table discussions, the results from which are summarised below:

- Round table 1 - Implementation of the in-vehicle equipment  
The technology is believed to be ready and stakeholders are ready to start pre-deployment pilots. Automotive manufacturers will need some lead time to implement eCall in their vehicles. The eCall platform will serve to offer added value services; Qualcomm will not charge additional Intellectual Property Rights for eCall's in-band modem solution. An open solution can be implemented in other platforms.
- Round table 2 - Implementation of telecommunications  
Mobile Network Operators are ready to participate in pilots, however, parallel commitment from all stakeholders is also required. Standards are complete, subject to ballot, and will be available for the pre-deployment pilots. The eCall flag can be implemented within 1-2 years.
- Round table 3 – Implementation by Public Service Answering Points (PSAPs)  
Some Member States are ready to launch deployment plans to handle the eCall service. Many Member States are willing to participate in pre-deployment pilots.

More information can be found in [minutes from the event](#).

### **ITS Radar International will continue to monitor eCall developments**

### **European road safety agenda**

Source: [World Highways](#)

The European Commission (EC) is expected to publish its 4th Road Safety Action Programme (RSAP) in the second quarter of this year. In advance of this, the European Transport Safety Council (ETSC) has proposed a set of measures that build on the success of previous targets and aim to improve road safety in Europe further.

The current safety programme has resulted in a 28% reduction in European road deaths between 2001 and 2008. The ETSC proposes that further measures could be used to reduce road deaths and serious injuries by 40% between 2010 and 2020. The ETSC has proposed a Blueprint for a 4th RSAP that includes the application of new ITS life saving technologies such as intelligent speed assistance and eCall.

### **ITS Radar International will monitor development of the 4th Road Safety Action Programme**

#### **EC effort on electromobility in Europe**

Source: [thinking highways](#)

The EVA (Electric Vehicles for Advanced cities) consortium answered the call for proposals for an integrated EU demonstration project on electromobility published last July by the European Commission as part of the Green Car Initiative for economic recovery. The EVA, consisting of 19 European cities and regions, 17 major European vehicle manufacturers and 12 European electricity providers, together with leading research and IT organisations and companies, have submitted a project proposal coordinated by the city of Rotterdam on the deployment of electromobility across Europe.

The project aims to contribute to an increased number of electric vehicles on European roads. EVA will address the challenge of placing electric vehicles in the urban environment to support an efficient and sustainable urban mobility system integrating all modes of transport. If the proposed project goes ahead, it will result in a trial involving over 9,000 electric vehicles and 14,000 charging points.

The proposal offers the opportunity of demonstrating different vehicle-to-grid interaction scenarios and maintenance facilities. The project would also accelerate development of smart grids for electromobility and a common platform for related ICT services.

### **ITS Radar International will watch for developments in EVA**

#### **Commissioner-designate for transport Siim Kallas answers European Parliament's questions**

Source: [ERTICO](#)

The Estonian Commissioner-designate for Transport - Siim Kallas - was questioned by the European Parliament on ITS, Galileo and sustainable transport.

When asked by Mathieu Grosch (EPP, BE) if Mr Kallas could guarantee that ITS would stay part of DG TREN in the future, assuring Mr Kallas of Parliament's support in this regard, Mr Kallas emphasised:

"ITS will definitely remain in my domain – it is my real commitment to develop intelligent transport systems".

Mr Kallas pointed out that ITS was vital to ensure the better functioning of transport, including reducing CO<sub>2</sub> emissions, and he committed himself to the 'polluter pays' principle.

Mr Kallas also proposed setting up a European Infrastructure Investment Fund, stating that “We must start to consider European transport as one entity designed for Europeans”.

## **ITS Radar International will watch for developments in the European Infrastructure Investment Fund**

### ■ PROJECTS

No new projects

### ■ RECENT PUBLICATIONS

## **Explaining International IT Application Leadership: Intelligent Transportation Systems**

Source: [International Technology and Innovation Foundation](#)

This recently published report highlights Japan, South Korea and Singapore as world leaders in ITS. The report goes on to explain why these countries in particular have been successful in deploying ITS systems. The report comes from the International Technology and Innovation Foundation, an independent not-for-profit, public policy think-tank in the USA.

The report analyses ITS policy developments in Europe and around the world and concludes that policy is a driving factor for successful ITS implementation. It offers a list of ten policy principles for ITS that transportation policymakers the world over should follow:

1. Recognise ITS as a “force multiplier” for the transportation network, enabling maximum capacity to be extracted from existing transport provision
2. ITS enable countries to shift to performance-based transportation systems by facilitating better collection of data to measure performance
3. Governments have an important role to play in convening and co-developing platforms that enable industry, academics, and government entities at the federal, state, and local levels to collaborate on the development of ITS and technology
4. Governments need to articulate an ITS vision for their country, state, or community
5. Governments must provide funding for both ITS R&D and deployment
6. The most successful countries view their ITS investments as creating a platform through which the private sector can develop value-added products and services
7. Governments have a critical role to play in spearheading the co-development of interoperable standards for ITS services and platforms
8. Leading countries have fostered close alignment between transportation and telecommunications regulatory agencies and technology communities in their countries, recognising the critical importance of allocating wireless spectrum or radio frequencies for intelligent transportation systems

9. Governments should fund deployment of infrastructure to collect real time traffic information
10. Develop a national ITS technical architecture that can serve as the template for the implementation of ITS at a federal, state, provincial, regional, community, or other local level.

### **HA recommended to review the report**

#### ■ GLOSSARY

DG INFSO	The EC Information Society and Media Directorate General
EC	European Commission
ETSC	European Transport Safety Council
EVA	Electric Vehicles for Advanced cities
ICT	Information and Communications Technologies
IT	Information Technology
ITS	Intelligent Transportation Systems: "The integration of information and communications technology with transport infrastructure, vehicles and users" [ERTICO]; "The application of information technology, communications technology, and sensor technology, including the internet (both wired and wireless), to the general challenges and opportunities of surface
PSAP	Public Service Answering Points (eCall)
R&D	Research and Development
RSAP	Road Safety Action Programme