



Interview of Frédéric Léchelon, Director of DIRO (West Interdepartmental Road Directorate)

SCOOP project entered an Operational validation stage by carrying out tests on open roads involving all project partners

Following several months of specifications and developments, road network managers, car manufacturers and academics met up for a week near Saint-Brieuc (in western France, one of the five pilot sites) between 18th and 22nd July, for a large interoperability testing campaign in real conditions.

All use cases related to Road Hazard Signaling and Road Works Warning have been successfully tested thanks to the efficient collaboration scheme between all stakeholders of the "SCOOP Family". Human Machine Interfaces (HMI) have been assessed for the first time by developers as well as by several future users of the road managers' vehicles, engaged in co-building this project.

Meanwhile lab tests carried out in Reims and on test tracks in Satory enabled to materialise the maturity of G5 technology as well as the automated triggering of use cases.

Overall this campaign allowed all the stakeholders to actively work on interoperability in order to achieve optimum compliance, approve ongoing implementations and finalise the roadmap with latest adjustments before launch and roll-out in 2017.

The "West" local pilot site: A representative sample of national deployment conditions

Selecting Western France for the completion of the first major tests in real conditions was not innocent random choice. Indeed the "West" pilot site reflects, on a local scale, the overview of conditions experienced all over the country. The whole road network, locally equipped, present an ideal testing field thanks to the collaborative approach between different road managers (State, French Departments, Metropolis and/or Conurbation) managing all types of networks (urban, interurban, rural, 2x2 roads, bidirectional) along with an innovative aspect in terms of inter-modality optimisation.

A successful demonstration in order to expand the SCOOP community

The testing campaign was also an opportunity to promote the project and make it publicly known. An event organised for local authorities and media supported the promotion of France's technological excellence. Smooth running technologies were showcased along 10km of roads by all car manufacturers involved such as PSA and Renault, along with all road managers and their suppliers.

This information and demonstration campaign came along with a project presentation seminar, taking place in Rennes on the 1st July, and has already

delivered the first results. Indeed authorities together with public and private companies expressed real interest. They intend to equip vehicle fleets and also wished to be incorporated to the project in order to expand the testing ground to other environments and other use cases.

Further open road tests are scheduled for the end of this year across the five pilot sites before launching the vehicles' commercialisation in 2017.

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SCOOP interface within road managers' vehicles



Road managers involved in the SCOOP initiative aim at significantly enhancing road traffic management. In that perspective C-ITS technologies and solutions will deliver a greater understanding of the traffic conditions together with enhanced information displayed to end-users.

SCOOP pilot sites will equip local patrol vehicles with specific embedded Road Side Units. Onboard patrol vehicles road managers benefit from a dedicated software interface displayed by a digital tablet.

This application is coordinated by the French Ministry of Transport and will be common for all road managers. Developments are under finalisation. They notably include specific functions such as use cases' triggering, and an adjusted human-machine interface.

New projects following SCOOP

Thanks to the experience gained with SCCOP, France committed to two new deployment pilot projects of Cooperative ITS, funded up to 50% by the European Commission.



The first one, C-Roads France, aims to extend SCOOP's geographical coverage, especially in urban areas around Strasbourg, Lyon and Bordeaux. It also aims to develop new services relates to user's comfort, such as information on green lights, information about public transport, etc. This project is part of a scattering of C-Roads projects carried by several European Member States, collaborating to ensure interoperability within systems in Europe.

The second one, InterCor, aims to connect SCCOP to a similar project in the Netherlands, through Haut-de-France region and Belgium, and with an expansion in the UK. This project will allow France to share its experience with neighbouring partners. New services also will be developed in the field of logistics.



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