



Interview with Jacques Le Mestre, Director of the Atlantique Interdepartmental Road Directorate (Direction Interdépartementale des Routes Atlantique- DIRA)

What is DIRA's role in the SCOOP project?

DIRA is a public operator with responsibility for managing, maintaining and operating about 650 KM of national non-conceded roads, contributing to strategic transport routes linking France and Spain. It extends across the regions of Aquitaine and Poitou-Charentes and six departments from Poitiers to the Col du Somport, including the Bordeaux urban area, serving La Rochelle from Niort and Royan from Angoulême.

By participating in the SCOOP project, DIRA is pursuing a dual objective: improving the safety of road users and of people working on the roads.

DIRA has launched a procurement contract for the supply, installation and maintenance of SCOOP equipment which will be fitted on the ring road and main urban motorways of Bordeaux (A10, A62, A63, RN89 and A631), namely 48 roadside units (RSU) and 8 on-board units (OBU) for DIRA vehicles.

The SCOOP project actually provides an extension of a similar project known as « COMPASS4D » as part of which DIRA set up 7 RSU on the Bordeaux ring road and 15 units in the urban area. COMPASS4D consists of setting up an information system from the traffic management centre to vehicles with on-board units. The SCOOP project completes the system with "vehicle to infrastructure" (V2I) and "vehicle to vehicle" (V2V) exchanges, and

with the integration of the road manager's emergency vehicles.

This project will lead to significant safety benefits particularly in the event of unexpected events and road works.

It is not long till the ITS World Congress in Bordeaux. How will the SCOOP project be represented?

The SCOOP project will be represented at the Congress by a demonstrator designed by PSA which will illustrate several scenarios of use: vehicle breakdown, emergency vehicle on the road, person on the road. A route using the ring road has been organised around the exhibition park.

Demonstrations are booked as part of the Bordeaux ITS Congress (<http://itsworldcongress.com/>) registration.

The project will also be the subject of a session in French dedicated to "SCOOP@F", on Thursday 8 October from 9 a.m. to 10.30 a.m., which will cover several aspects of the project. It will also be represented at a session of exchanges between cooperative roll out projects entitled "Cooperative ITS - roll out is underway!" on Tuesday 6 October from 3.30 p.m. to 5.00 p.m.

Finally, the project will be present on the Ministry of Ecology, Sustainable Development and Energy stand, where it will be the subject of a number of activities.

Can you say something about the progress of the project at national level?

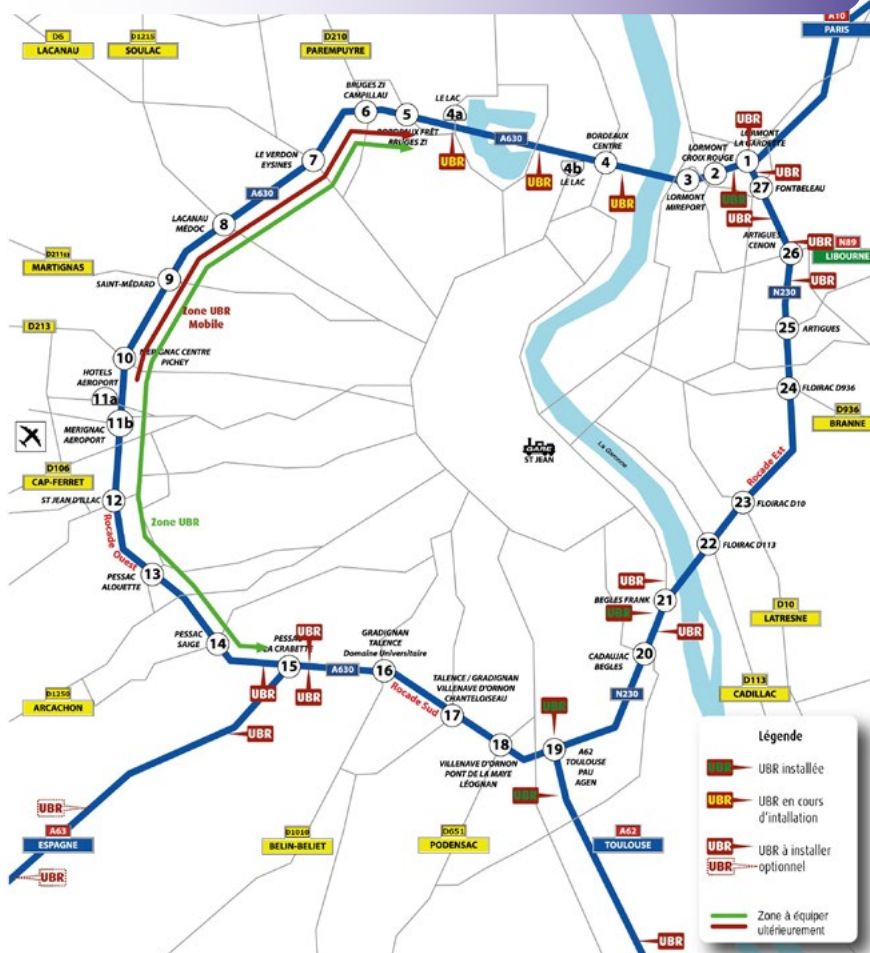
The specification of priority services phase is now complete and calls for tender for developments are underway, following the example of the Bordeaux pilot site, or even completed in the case of some pilot sites. Car manufacturers' developments are well advanced.

The first prototypes are expected before the end of the year. Moreover, the subsidy application for 2016-2018 submitted as part of the Connecting Europe Facility call for projects has been accepted by the European Commission, which will enable the project to continue under optimum conditions.

Information letter no.3

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Detailed map of the Bordeaux pilot site



Calendar of events

From 5 to 9 October the SCOOP project will be presented in various sessions of the World Intelligent Transport Systems Congress in Bordeaux:

Special interest sessions

PRO3: Cooperative ITS – roll out is underway!

Tuesday 6 Oct. 3.30 – 5.00 p.m.

FS6 : The SCOOP@F project

Thursday 8 Oct. 9.00 – 10.30 a.m.

SCOOP presentations in other sessions

TS09 : C-ITS deployment issues 1

Tuesday 6 Oct. 11.00 a.m.-12.30 p.m.

TS31 : Pilot projects for ITS

Wednesday 7 Oct. 2015 09.00-10.30 a.m.

TS39 : C-ITS deployment issues 3

Wednesday 7 October 11.00 a.m. – 12.30 p.m.

Explanatory diagram of the demonstrator



The demonstration will be carried by DIRA in collaboration with PSA Peugeot-Citroën, on the Bordeaux ring road.

Three SCOOP scenarios of use are illustrated: person on the road warning (automatically detected by means of a camera fitted to one of the PSA vehicles), broken-down vehicle warning, and emergency vehicle warning.

By means of information exchanges between a PSA vehicle fitted with a SCOOP OBU and DIRA RSU, these warnings are relayed to other drivers via a VMS. They will also be displayed directly on the navigation screen of a second PSA vehicle, a Citroën C4 also fitted with a SCOOP OBU.

This C4 prefigures one of PSA's 1000 SCOOP vehicles.

1 Project subsidised by the European Union

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