



Interview of Mr Guillaume Gelle, president of the University of Reims Champagne-Ardenne

How is the University of Reims Champagne-Ardenne involved in SCOOP ?

The University of Reims Champagne-Ardenne is involved in SCOOP since the launch of the project in 2014. The University of Reims, through the CRESTIC research laboratory, is participating in the validation process of SCOOP components. Being involved in this project, funded by the DG MOVE of the European Commission, is a great opportunity for our University to be a recognised actor in the field of interoperability and connected vehicles in France and in Europe. And I believe that this will lead to the creation and reinforcement of new partnerships on this topic for the University of Reims.

May you tell us about the current status of the project ?

All calls for tenders on the five pilot sites have been completed, and most of the prototypes have been delivered. The validation phase has started. The first phase of validation is the laboratory testing of the prototypes to check their conformance to standards and to the SCOOP specifications, and to ensure that messages from one prototype are received by other prototypes, which is the first step of interoperability. Managing this first phase is the role of the University of Reims.

What are the tests to be done and how is validation organized ?

A check list of the tests to be done has been created, and testing plans have been written accordingly and are updated continuously. There will be three testing phases: laboratory testing, test track testing in the premises of IFSTTAR at Satory, and finally open road testing. The laboratory testing phase consists in encoding the testing plans in a specific language in order to perform all tests automatically in a very quick fashion. The results are transmitted to the developer who must fix problems and resend a new version of the prototype. The test track testing phase is currently being prepared for an official start in June. The open road testing phase will start this summer, based on a first equipment of the five pilot sites.

Will SCOOP be represented at the ITS European congress in Glasgow ?

Of course, SCOOP will be represented in several sessions, including a session named *Achieving C-ITS interoperability in Europe: the examples of COMPASSAD and SCOOP* on June 8 that will focus on the cross-testing activity performed within SCOOP between France, Austria, Spain and Portugal. Another

session named *Gearing up for C-ITS deployment* will present the current status of SCOOP and many other C-ITS pilot deployment projects in Europe.

We also have a project website under construction: <http://www.scoop.developpement-durable.gouv.fr>. It will be opened just before the congress.

When will it be possible to buy SCOOP vehicles ?

Once the validation phase is over, production of the vehicles should start in the Renault and PSA factories. Our goal is to have the first vehicles on sale by early 2017.

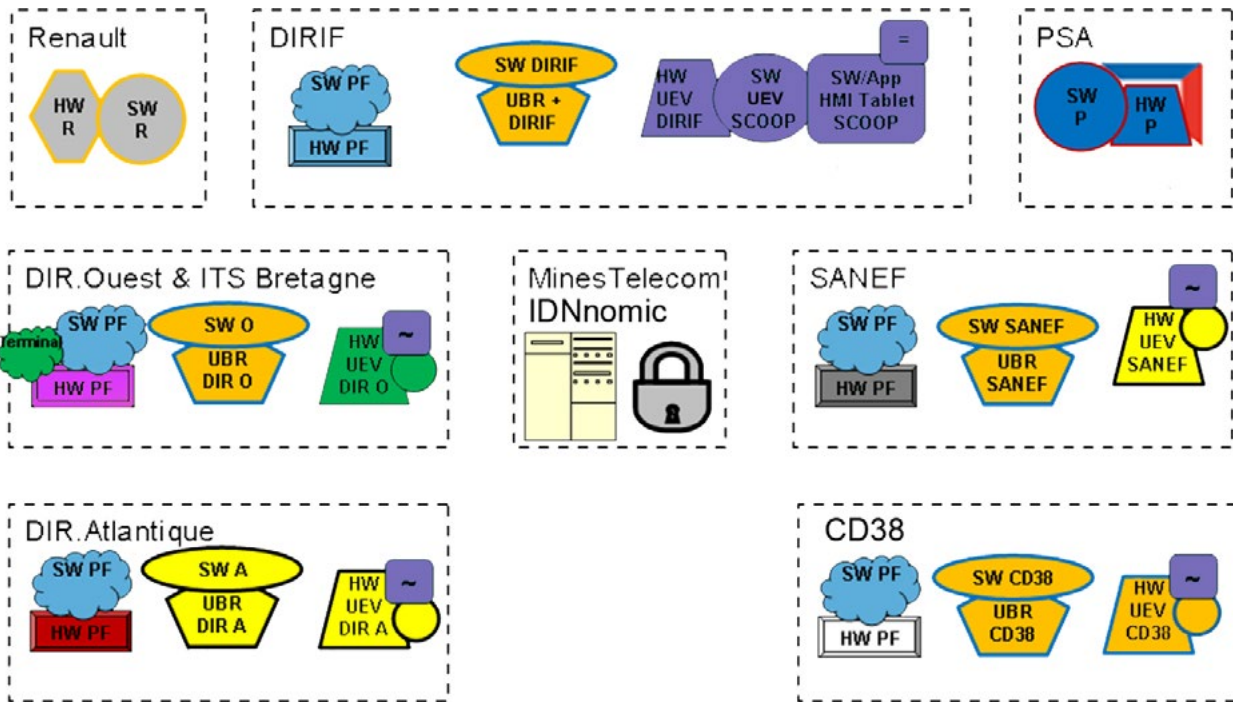
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Overview of the prototypes developed in SCOOP



SCOOP is a pilot deployment, based on real-life processes. PSA and Renault develop their prototypes with their usual suppliers, and the public road operators have chosen their suppliers through public procurement processes.

However, to facilitate interoperability, the software of the SCOOP platform and the software/app of the OBU for the road operator's vehicles (see components of the SCOOP system in information letter n°2) are developed centrally by DirIF for the 5 pilot sites. The security system is developed centrally by MinesTelecom Institute and IDNomic.

Similar shapes on the scheme indicate similar components (road side units, on-board units, etc.)

Similar colors on the scheme indicate that they are developed by the same supplier.

HW = hardware

SW = software

UEV = Unité Embarquée dans les Véhicules = on-board unit

UBR = Unité Bord de Route = road-side unit

PF = SCOOP Platform

The validation phases of SCOOP

- In laboratory tests
 - Conformance with standards and specifications
 - Basic interoperability
- Tests on test-tracks
 - Tests on sub-systems
 - Tests on the whole ecosystem
- Open road tests on each pilot site, with the local traffic management system
 - Tests on the whole ecosystem
 - Ergonomics assessment

1 Project subsidised by the European Union

Calendar of events

From 6 to 9 June the SCOOP project will be presented in various sessions of the European Intelligent Transport Systems Congress in Glasgow:

Special interest sessions

SIS03: **Gearing up for C-ITS**
 Tuesday, 7 June 11.00 - 12.30 a.m.
 PR05: **Achieving C-ITS interoperability in Europe : the examples of COMPASS4D and SCOOP@F**
 Wednesday, 8 June 11.00 - 12.30 a.m.

SCOOP presentations in other sessions

ES04: **European pay-off from connectivity**
 Tuesday, 7 June 9.00 - 10.30 a.m.
 TS30 : **Road safety and C-ITS**
 Wednesday, 8 June 4.00 - 5.30 p.m.
 TS36 : **Data aspects in C-ITS and automation**
 Thursday, 9 June 9.00 - 10.30 p.m.

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