Roll-out underway in France
3000 vehicles, 2000 km of roads

- **Key events:**
  - 2014 February: starting announcement by the French Vice minister of Transportation
  - 2014 July: the project has been selected by the European Commission to be granted until end 2015
  - 2015 July: the project has been selected by the European Commission to be granted from 2016 to 2018

- **1st wave : 2014-2017**
  - Priority services
  - ITS-G5 communications

- **2nd wave : 2016-2018**
  - New services
  - Hybrid cellular/ITS G5 communications
Main objectives of the project

to improve road safety and to reduce accidents thanks to real-time information exchanges between vehicles and between vehicles and infrastructure,

to improve the safety of road workers,

to optimize both traffic management and traffic information in order to reduce traffic congestion and therefore, contribute to reducing carbon dioxide emissions,

to optimize infrastructure management costs,

to offer new services to drivers,

to help lay the foundations for the vehicle of tomorrow, since the cooperative ITS sector offers a significant potential both for growth and job creations.
1st wave services

- Data collection: position/speed/direction, events detected, events declared
- Road works warning:
  - Planned road works,
  - Slow moving maintenance, winter maintenance,
  - Road operator vehicle approaching, rescue and recovery work in progress
- Hazardous location notification:
  - Slippery road, bad visibility, extreme weather condition
  - Animal on the road, human presence on the road, obstacle on the road, unmanaged blockage of the road
  - Accident, emergency brake, stationary vehicle, end of queue
SCOOP@F components

- ITSS-C: the SCOOP@F platform, connected with the road operator’s traffic management system
- ITSS-R: road-side units
- ITSS-V: on-board units. 3 categories
  - Renault
  - PSA
  - For road operators (retrofitting): with a RSU function
- A PKI-based security system
SCOOP@F components
SCOOP@F partners

- French Ministry of Transport
- Local authorities
  - Département de l'Isère
  - ITS Bretagne with Départements des Côtes d’Armor, du Finistère, d’Ille et Vilaine, Région Bretagne, Saint-Brieuc Agglomération)
- **TEN-T road operators** (3 DIRs, Sanef)
- **Car manufacturers** (PSA, Renault)
- **Universities and research centers** (Cerema, IFSTTAR, GIE RE PSA-Renault, Université de Reims Champagne-Ardenne, Institut Mines-Télécom).

And from 2016 :
- A telecommunication operator : Orange
- A provider of trust services : Opentrust
- Austrian, Spanish and Portuguese partners
The 5 pilot sites
Project structure

Activity 1
Project Management & Communication
  1.1 Project Management
  1.2 Communication
  1.3 European and International Cooperation

Activity 2
Studies
  2.1 Management
  2.2 Stakeholders' needs elaboration
  2.3 Impact Studies
  2.4 Specifications
  2.5 Development
  2.6 Validation
  2.7 Guidelines to cope with managerial matters

Activity 3
Local Pilots
  3.1 Ile de France
  3.2 East Corridor
  3.3 Bretagne
  3.4 Bordeaux
  3.5 Isère
  3.6 Car Manufacturers

Activity 4
Cross-tests
  4.1 Management & Preparation
  4.2 Execution of cross tests
  4.3 Evaluation
For more information...

Visit the French Ministry’s exhibition stand

Upcoming SCOOP@F presentations in other sessions
• 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.
• FS6: The SCOOP@F project (in French)
  Thursday 8 Oct. 9.00 – 10.30 a.m.

Experience the SCOOP@F demonstrator!