SCORE@F
The French FOT for road co-operative systems

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Summary

• Duration: 30 months
• Start: 1° September 2010
• Total Budget: 5.6 M€
• Support: 2.7 M€
• Competitiveness Pole: MOV’EO
• 19 Partners
• Experiment on motorway and Urban / Rural environment in Yvelines department.
Objectives

- Co-ordination of the French National FOT
- Validation of the standardized platform
- Field Operational Test on motoway & CG78 roads environments
Experiment

Tests in Rural & Urban Environments

Validation / Certification UTAC

Satory Tests Circuit INRETS

Tests on Motorway

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Use Cases: Based on M/453

**PRE-DRIVE**

- ETSI
- TS 101 539 (road safety)
- TS 102 637-2 (CAM)
- TS 102 637-3 (DENM)
- EV Charging Spot Notification

**Drive**

- ISO
- TC 204
- WG14

- CEN
- CD 15623 (FVCW)
- PWI 26684 (CIWS)
- French CN16
Use Cases: Road Safety

Co-operative Awareness (V2V) (Info to driver)

- CAM & DENM

Longitudinal Collision Risk Warning

- Forward
- Frontal

Intersection Collision Risk Warning

- Lateral

ETSI TS 101 539 - 1

ETSI TS 101 539 - 3

ETSI TS 101 539 - 2

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Collect of traffic information by the road side units (SCORE@F: from CAM & DENM, CO-DRIVE: Video from cameras).
Transfer of pre-processed traffic information to traffic management center.
Adjustment of regulatory speed limits according to traffic context.
Broadcasting to vehicles by RSU of contextual regulatory speed.
Broadcasting to vehicles of traffic info and itinerary recommendations (VMS).
Use Cases: Traffic Efficiency

- Traffic light violation
- Green light optimal speed advisory
- Engine Stop - Start

Traffic Light messages broadcasting:
either CAM evolution or new Message?

Common use case EU – USA?
Use Cases: Comfort & Mobility

Point of Interest Notification & Electronic Commerce
- EV Charging Spot
- Auto Sharing Point
- Intermododality Transport Point

Internet access as guest of a community
- Fleet Management
Planning

Activities

MANAGEMENT

EUROPEAN COOPERATION

DEVELOPMENT

SPEC

EVALUATION

WAVE Modem Selection

Drive C2X Interoperability

Time

T0

2011

1° Sept 2010

1° March 2011

1° March 2012

28th February 2013

2012

2013

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Contribution to Drive C2X

- Some common use cases
- Updates from standards
- Interoperability tests in Helmond
- Data collection according to FESTA / FOTNET 2 methodology
- Exchanges of assessment results (technical and non-technical)
- Cross experiments
Thank you

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