



AUTO
C-ITS



www.autocits.eu

Starting Date: **01/11/2016**

Duration: **26 months**

Coordinator: **Indra**

Technical Coordinator: **UPM**

Budget: **2,6 M€**

CEF Contribution: **1,3M€**



Regulation Study for Interoperability in the Adoption of Autonomous Driving in European Urban Nodes



Co-financed by the European Union

Connecting Europe Facility



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AUTOCITS Objectives

*“AUTOCITS aims to **contribute to the deployment of C-ITS in Europe** and to boost the role of C-ITS as catalyst for the implementation of autonomous driving”*

- Study on the current National, European and International **legal framework** for autonomous driving
- Deploy, Test and Evaluate **“Day 1” C-ITS services** as recommended by the ITS Platform for autonomous vehicles (AVs) under the applicable traffic regulation
- Provide **recommendations** for regulations and large scale deployments
- **Cooperate** with other current initiatives during the study
- Study the **extension** of the results and large scale deployment in other European countries.

International cooperation Group

Represents the **group of experts** interested in project results, formed by transportation authorities, concessionaires, automotive manufacturers and their suppliers, insurance companies, business consultants, etc

1st AUTOCITS WORKSHOP

MADRID, 23rd Nov 2017



2nd AUTOCITS WORKSHOP

PARIS, 10th May 2017



1st INTERNATIONAL WORKSHOP

Cologne, 5th July 2017



3rd AUTOCITS WORKSHOP

Lisbon, October 2017



UPCOMING

If you are interested in **becoming a member** (free of charge) and receiving further information and communications contact us at our website:

www.autocits.eu



Regulation study

The action studies the national, European and international **regulation frameworks** for Autonomous Driving and will provide **recommendations**, focusing on :

- Technical and legal issues
- Standardization, certification processes, homologations...
- Cross-border navigation
- Interoperability tests

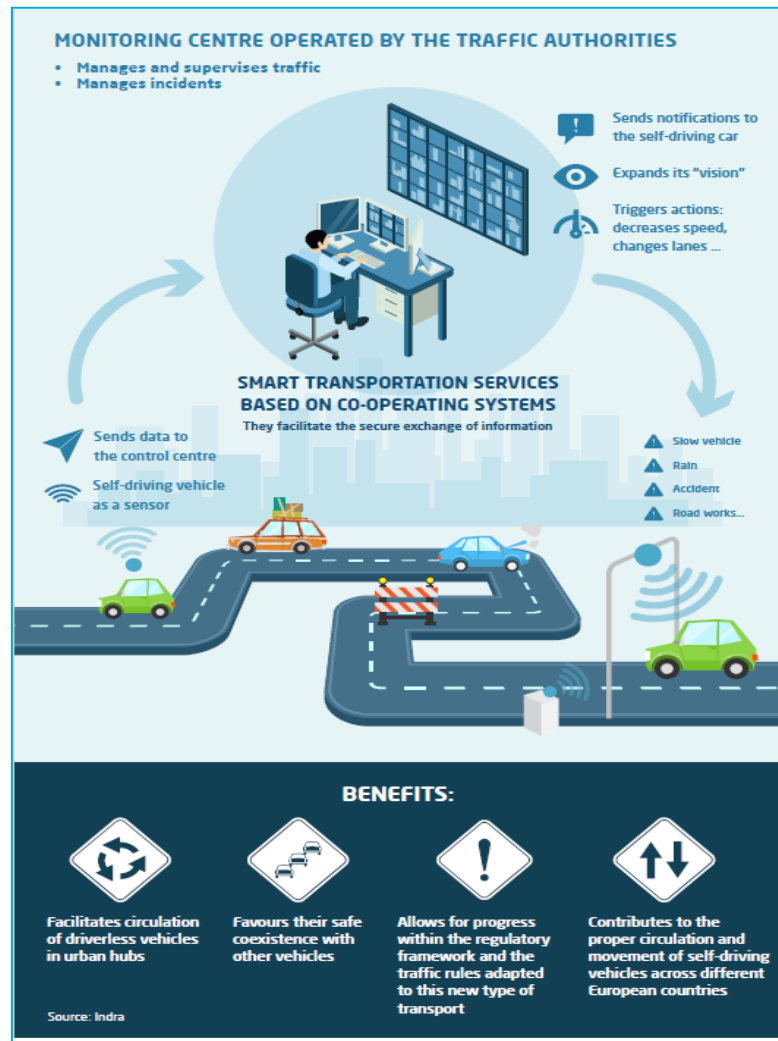


Some of the aspects **included in the study** are:



- The link of the member states to the Vienna Conv.
- Current legislations on Autonomous driving
- Current national testing procedures
- Laws to be modified to adopt autonomous vehicles
- Initial modifications for SAE 3-5

Benefits of the action





3 Pilots in the Atlantic Corridor

Location:

The highway A9 - CREL between the beginning, near of National Stadium and exit number 2C, intersection with A16

Day 1 C-ITS Services:

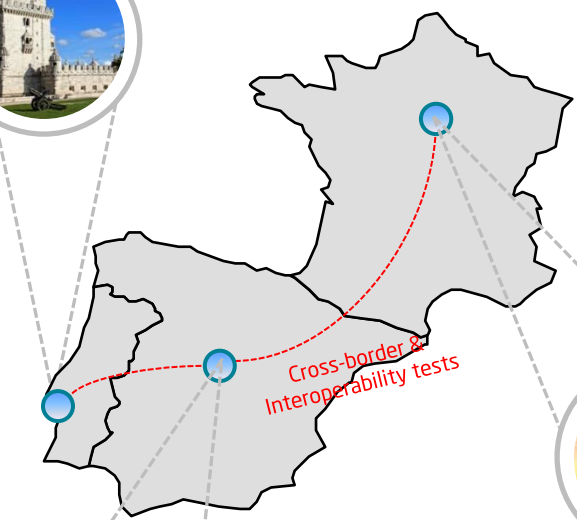
- Slow or stationary vehicle & traffic ahead warning
- Weather conditions
- Other hazardous notifications

Test vehicles

- 1 autonomous vehicle
- 1 instrumented vehicle
- 2 autonomous shuttles



Lisbon



Paris

Location:

The A4 motorway between Villiers sur Marne and Logne

Day 1 C-ITS Service:

- Slow or stationary vehicle & traffic ahead warning
- Weather conditions
- Other Hazardous notifications

Test vehicles

- 4 instrumented & connected veh
- 1 autonomous vehicle
- Other external vehicles



Location:

The HOV Lane located between the M30 and M40

Day 1 C-ITS Services:

- Slow or stationary vehicle & traffic ahead warning
- Road works warning
- Weather conditions

Test vehicles

- 4 instrumented and connected vehicles
- 2 autonomous vehicles



Madrid