European Commission

2013 TEN-T Calls for Proposals

ITS Intelligent Transport Systems

EU supported projects

Innovation
and Networks
Executive Agency

ITS projects featured

2013-IT-91027-S

Study for the acceleration of the implementation of safe and secure parking areas for professional drivers along the Italian TEN-T network

2013-DE-92024-S

Parking space management in the Port of Hamburg

2013-EU-50001-S

European ITS Platform + (EIP+)

2013-EU-50002-P

URSA MAJOR

2013-EU-50003-P

CROCODILE

2013-EU-50004-P

NEXT-ITS

2013-EU-50005-P

MedTIS

2013-EU-50006-P

Arc Atlantique

2013-FR-92004-S

SCOOP@F – Part 1

Innovation & Networks Executive Agency (INEA)
http://inea.ec.europa.eu

European Commission – Directorate General for Transport
http://ec.europa.eu/transport

Member States involved:

Italy

Implementation schedule
Start date: April 2014
End date: December 2015

Budget:

Project promoter: €400,000

Total project cost covered by this Decision: €800,000

EU contribution: €400,000

**Percentage of EU support:**
Studies: 50%

Additional information:

European Commission, DG MOVE
http://ec.europa.eu/transport

Innovation and Networks Executive Agency (INEA)
http://inea.ec.europa.eu

Beneficiary & Implementing body:
ANAS S.p.A.
www.stradeanas.it

Study for the acceleration of the implementation of safe and secure parking areas for professional drivers along the Italian TEN-T network

2013-IT-91027-S

Source: INEA
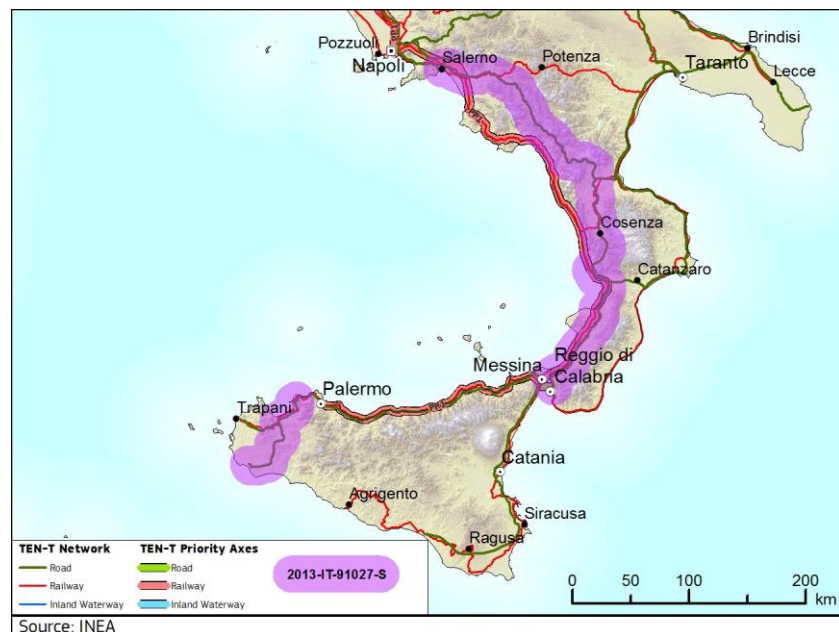
The project will implement preparatory and design studies for a network of safe and secure parking areas for professional truck drivers in Campania, Calabria and Sicily.

The studies will be carried out in two phases. The preparatory study will identify the existing parking areas with the capacity for easy upgrade, as well as potential new sites. The design phase will work on the establishment of an intelligent information service in the parking areas, allowing the drivers to receive reliable details about the location and added services as well as pre-book a parking space.

The design study features a data communication system harmonized at European level, which complies with the European Intelligent Transportation Systems (ITS) criteria. It also includes CCTV surveillance systems, perimeter fencing and barriers at entries and exits, as well as fire prevention systems for a better security of the users.

Update: September 2014

Member States involved:

Germany

Implementation schedule
Start date: March 2014
End date: December 2015

Budget:

National budget: €550,000

**Total project cost covered
by this Decision:** €1,100,000

EU contribution: €550,000

Percentage of EU support:
Studies: 50%
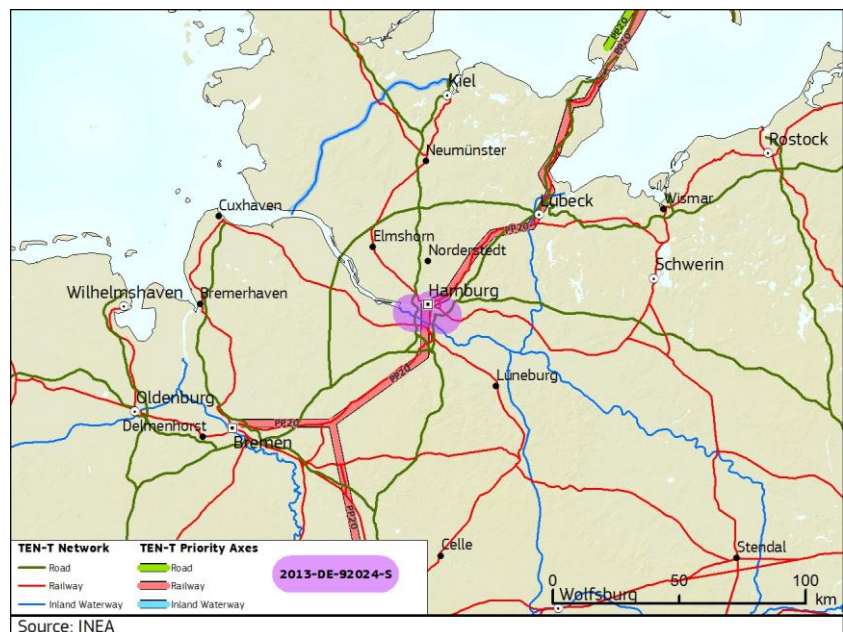
Additional information:

European Commission, DG MOVE
http://ec.europa.eu/transport

Innovation and Networks Executive
Agency (INEA)
http://inea.ec.europa.eu

**Beneficiary and Implementing
body:**
Hamburg Port Authority AöR
www.hamburg-port-authority.de

Parking space management in the Port of Hamburg

2013-DE-92024-S

Source: INEA

The study will look into ways to improve the utilisation rates and cost-effectiveness of existing infrastructure and facilities in the Port of Hamburg by introducing an intelligent traffic management system in both the existing and planned truck and car parks.

The potential benefits of the project are:
- a concept that can be transferred to other ports and locations with high industrial and non-industrial activity
- an increased utilisation rate and cost-effectiveness of the transport infrastructure by providing information about parking space availability
- reduced traffic volumes and fuel consumption, as well as less damage to the environment due to less trucks looking for parking bays
- better road safety and conditions for truck drivers who will no longer have to park randomly along the roads
- more reliable transport processes and easier planning of driving times and rest periods in line with parking space availability, time windows to provide or deliver goods and traffic information

The study's outcomes will be used by the port authority to take decisions on the future implementation.

European ITS Platform + (EIP+)

2013-EU-50001-S

Source: INEA

The European ITS Platform+ (EIP+) is the follow up of the European ITS Platform (EIP). It will carry on its activities towards ITS interoperability and harmonised deployment in Europe.

The EIP+ project brings together Member State authorities, road operators and relevant decision makers to monitor the EasyWay deployment guidelines, evaluate the impact of ITS projects on a pan-European scale, as well as disseminate best practice.

The EIP+ provides a helpdesk and user support facility to further advance the EasyWay initiative. The EIP+ also fosters international cooperation on ITS, in particular among the ITS works projects funded by the 2013 TEN-T Multi-Annual Call.

The EIP+ works on consensus building among relevant ITS stakeholders to ensure appropriate harmonisation of existing and future ITS services in line with the EU policies and objectives.

In particular, the EIP+ aims to:

- Monitor the application of The EasyWay Deployment Guidelines, including a helpdesk and user support facility, in the harmonised ITS deployments on the pan-European roll-out implementations of Corridor projects (works)
- Disseminate best practices, lessons learned, etc. from Corridor projects (works)
- Evaluate the impacts of Corridor projects (works) on a European scale
- Progress on the pan-European harmonisation and scalability of ITS services

URSA MAJOR

2013-EU-50002-P

Member States involved:

Germany, Italy, The Netherlands

Implementation schedule
Start date: January 2013
End date: December 2015

Budget:

States budget: €34,526,400

Action promoter: €6,196,596

**Total project cost covered
by this Decision:** €50,903,745

EU contribution: €10,180,749

Percentage of EU support:
Works: 20%

Additional information:

European Commission, DG MOVE
*http://ec.europa.eu/transport/
index_en.html*

Innovation and Networks Executive
Agency (INEA)
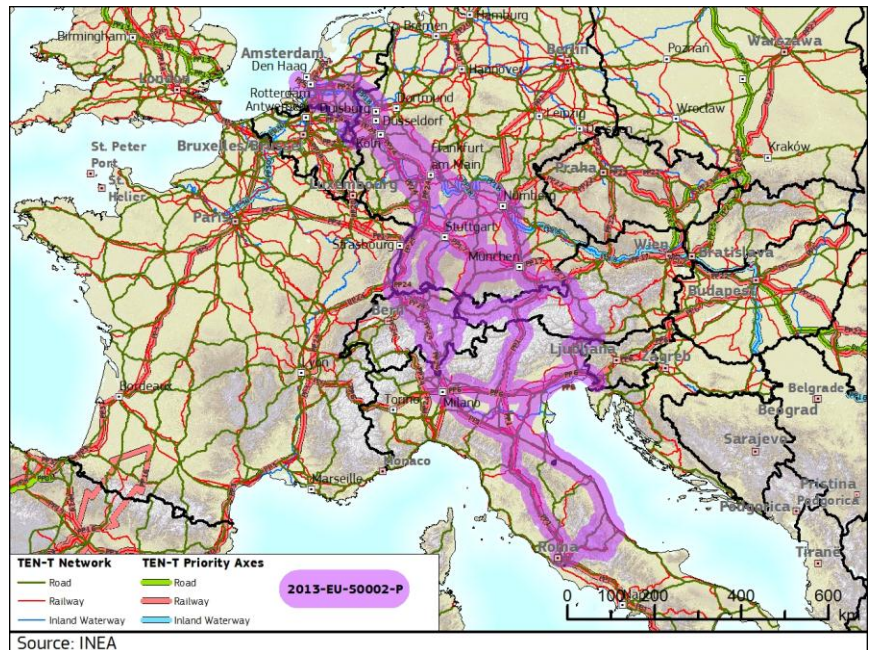*http://inea.ec.europa.eu*

EasyWay project
www.easyway-its.eu

Action Coordinator:
LandesBetrieb Mobilität Rheinland-Pfalz
www.lbm.rlp.de

Source: INEA

URSA MAJOR will deploy Intelligent Transport Systems (ITS) services on German, Italian and Dutch highways to improve international freight traffic. The project mainly addresses truck parking, navigation and congestion issues to improve road safety and security.

The project aims to improve and support ITS services for international freight traffic on the main roads linking North Sea ports, the Ruhr and Rhine area, as well as metropolitan areas in southern Germany and northern Italy. Austria and Switzerland are also involved in the project in their role of transit countries.

URSA MAJOR will provide direct user benefits to international truck drivers and hauliers (better truck parking, better navigation, less delays and less uncertainties). It also strengthens the European economy by an improved transport of goods through Europe.

In particular, the project will:
- Develop the Intelligent Truck Parking service based on common European standards, to allow available and safe and secure truck parking places
- Provide an enhanced truck navigation service with reliable information on road conditions
- Increase the level of ITS service support for freight traffic by filling traffic management gaps in the network, to reduce delays due to traffic congestion

URSA MAJOR is named after the constellation, as the corridor has almost the same shape. In Europe, URSA MAJOR is visible every night throughout the year and never disappears below the horizon. Likewise, the cooperation launched in URSA MAJOR is expected to offer fixed and permanently visible ITS services in Europe.

Member States involved:

Austria, Cyprus, Czech Republic, Germany, Greece, Hungary, Italy, Poland, Romania, Slovenia

Implementation schedule
Start date: January 2013
End date: December 2015

Budget:

National budget: €20,330,800

Action promoter: €4,805,344

Total project cost covered by this Decision: €31,420,180

EU contribution: €6,284,036

Percentage of EU support:
Works: 20%

Additional information:

European Commission, DG MOVE
http://ec.europa.eu/transport/index_en.html
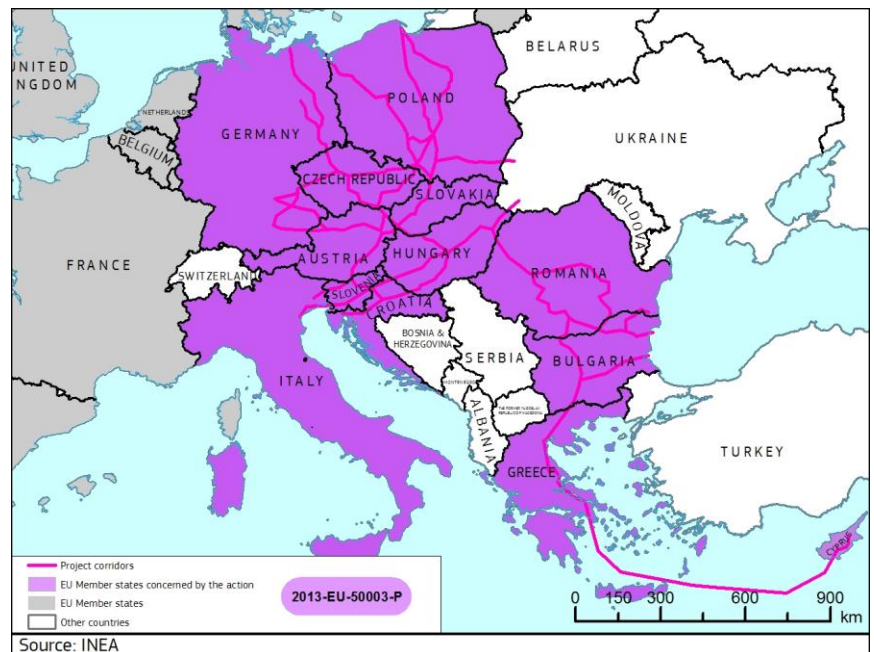
Innovation and Networks Executive Agency (INEA)
http://inea.ec.europa.eu

EasyWay project
www.easyway-its.eu

Action Coordinator:
AustriaTech
www.austriatech.at

CROCODILE

2013-EU-50003-P

Source: INEA

CROCODILE sets up and operates a data exchange infrastructure that will be used to exchange data and information between all involved public authorities and private partners.

Thanks to this exchange of data, traveller information services will be harmonised and provided along the corridor. The specific focus of CROCODILE will be on safety-related information services and truck parking information services.

CROCODILE is also expected to foster cross-border coordination of strategies and services, implement cross-border ITS applications for travellers, improve the efficiency of traffic flows and reduce congestion.

CROCODILE mainly focuses on the implementation of DATEX II nodes for data availability and exchange. To ensure the most appropriate data availability, CROCODILE will set up additional data collection infrastructure relevant for road-safety and truck-parking information services. At the same time, to guarantee access to data by the users, CROCODILE Member States and partners will set up access points in accordance to EU Regulations and Guidelines.

In brief, the main objectives of CROCODILE are to:
- Implement infrastructure and processes in accordance to the needs identified in Commission delegated regulations (EU) No 886/2013 and (EU) No 885/2013 to form the basis for service deployments
- Foster cross-border coordination of ITS strategies and services
- Provide information services to truck drivers on parking space availability
- Implement services for user information on safety critical traffic information through cross-border ITS applications for travellers
- Improve the efficiency of traffic flows and reduce congestion
- Stimulate investment in ITS infrastructure

TEN-T Multi-Annual Programme

Member States involved:
Denmark, Finland, Germany, Sweden

Implementation schedule
Start date: January 2013
End date: December 2015

Budget:
National budget: €24,364,800

Total project cost covered by this Decision: €30,456,000

EU contribution: €6,091,200

Percentage of EU support:
Works: 20%

Additional information:
European Commission, DG MOVE
*http://ec.europa.eu/transport/
index_en.html*

Innovation and Networks Executive
Agency (INEA)
http://inea.ec.europa.eu
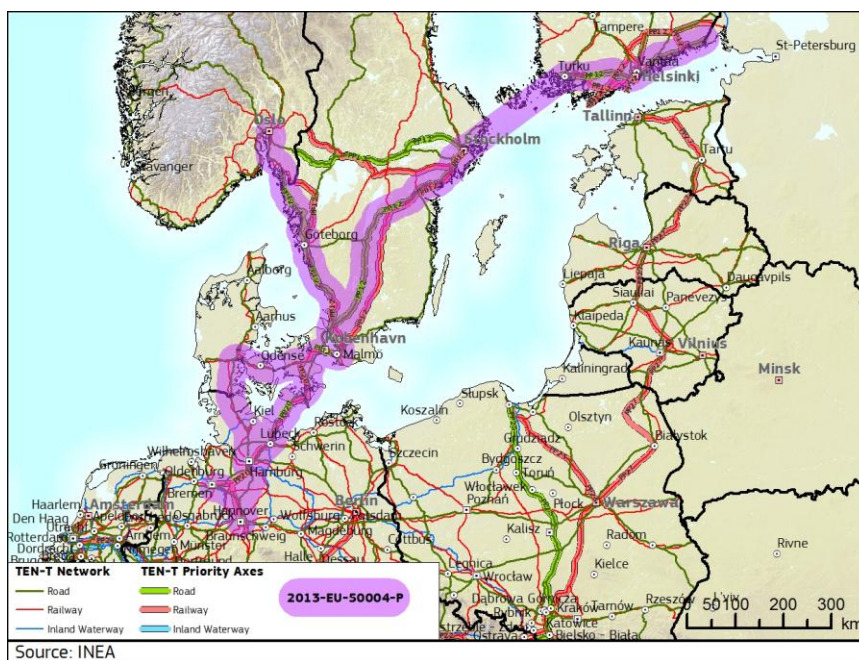
EasyWay project
www.easyway-its.eu

Action Coordinator:
Swedish Transport Administration
(Trafikverket)
www.trafikverket.se

NEXT-ITS

2013-EU-50004-P

Source: INEA

NEXT-ITS contributes to the delivery of continuous real-time traffic information and road safety related traffic information on the Nordic section of the Scandinavian-Mediterranean Corridor, in accordance with the EU ITS Directive 2010/40/EU, focussing in particular on its priority actions (b) and (c).

The aim of the NEXT-ITS project is to establish the organizational and technical framework required to offer seamless, harmonized and interoperable ITS services in Corridor, which has more and more heavy goods vehicles and limited alternative routes.

The project will improve the quality of services through higher quality of data. This will be achieved through improved data management in traffic centres and adding new and innovative ways to acquire extra and complementary data.

NEXT-ITS will also extend the coverage of ITS services offered along the Corridor (filling the current gaps in service provision), especially covering sections with particular needs, i.e. critical spot, urban interfaces etc.

In order to increase reliability and efficiency of the ITS travel information, road weather monitoring facilities will also be upgraded and extended along the corridor.

Lastly, NEXT-ITS will provide additional channels to deliver services to users, taking into account latest trends and user behaviour, i.e. development of app-based and extended internet services to include mobile users.

MedTIS

2013-EU-50005-P

Member States involved:

Spain, France, Italy, Portugal

Implementation schedule
Start date: January 2013
End date: December 2015

Budget:

States budget: €5,479,232

Regional/local budget: €1,509,604

Action Promoter: €17,320,811

**Total project cost covered
by this Decision:** €30,387,060

EU contribution: €6,077,412

Percentage of EU support:
Works: 20%

Additional information:

European Commission, DG MOVE
*http://ec.europa.eu/transport/
index_en.html*

Innovation and Networks Executive
Agency (INEA)
http://inea.ec.europa.eu
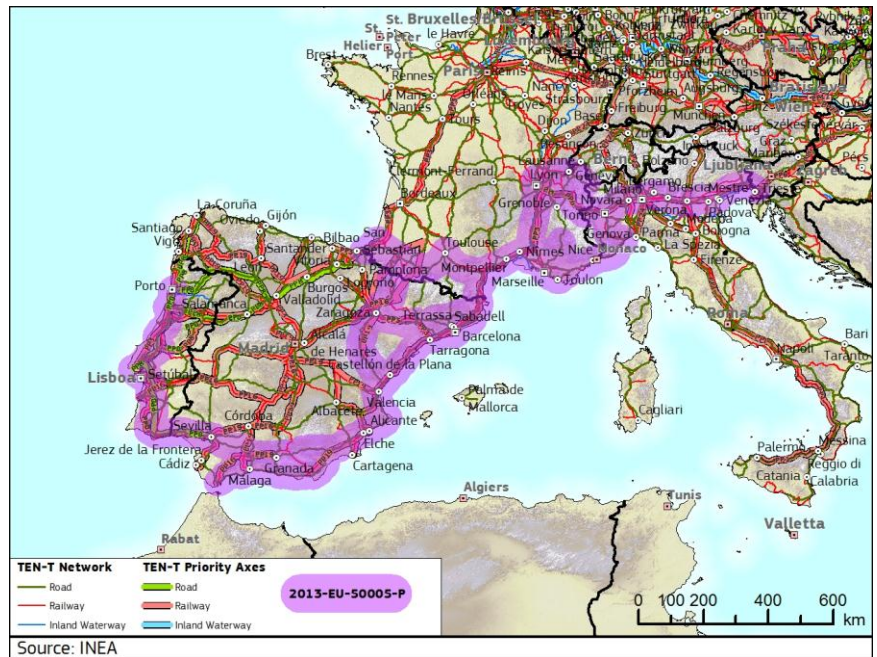
EasyWay project
www.easyway-its.eu

Action Coordinator:
Association professionnelle des
sociétés concessionnaires ou
exploitantes d'autoroutes ou
d'ouvrages d'art (ASFA)
www.autoroutes.fr

Source: INEA

MedTIS is an Intelligent Transport System (ITS) deployment project aiming at coordinated implementation of travel time and traveller information services on the TEN-T Mediterranean Corridor.

The corridor embeds two major critical sections, the Pyrenees and the Alpine crossings, and runs on a continuous stretch of 6,760 km European motorways including various typologies of traffic (daily recurrent, seasonal, heavy goods vehicles density, conurbations, long distance travellers, etc.).

By informing the travellers on traffic and driving conditions and travel time, MedTIS aims to maintain a high level of safety and network efficiency. The action will coordinate the wok of road-operators and relative IT deployments.

MedTIS will ensure the interoperability and continuity of ITS services across different Member States and road operators. More specifically, MedTIS will implement service continuity to better manage cross-border sections, in particular freight traffic and peak traffic conditions.

End user services will be enhanced through data aggregation from neighbouring networks and information on Variable Message Signs (VMS) will be harmonised across the entire Corridor.

The action will be implemented by France, Italy, Spain and Portugal and will involve 22 implementing bodies.

*Innovation
and Networks
Executive Agency*

TEN-T Multi-Annual Programme

Member States involved:

Belgium, Spain, France, Ireland, Portugal, the Netherlands, the United Kingdom

Implementation schedule
Start date: January 2013
End date: December 2015

Budget:

States budget: €72,367,048

Regional/local budget: €2,659,200

Action Promoter: €14,153,600

**Total project cost covered
by this Decision:** €111,474,810

EU contribution: €22,294,962

Percentage of EU support:
Works: 20%

Additional information:

European Commission, DG MOVE
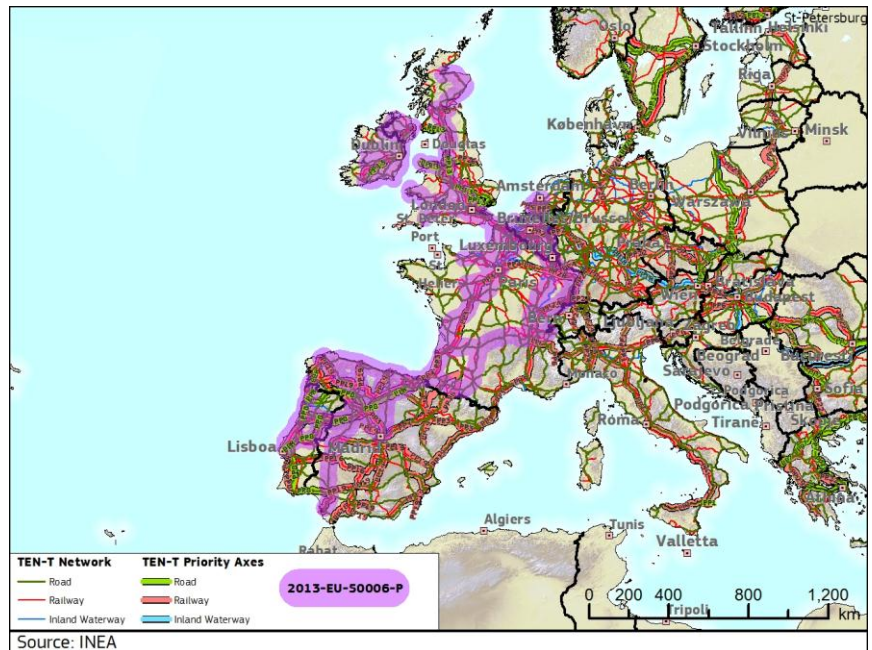*http://ec.europa.eu/transport/
index_en.html*

Innovation and Networks Executive
Agency (INEA)
http://inea.ec.europa.eu

EasyWay project
www.easyway-its.eu

Action Coordinator:
Highways Agency (UK)
www.highways.gov.uk

Arc Atlantique

2013-EU-50006-P

Source: INEA

The Arc Atlantique project will link the key economic nodes of Belfast, Dublin, Glasgow, Cardiff, London, Calais, Rotterdam, Amsterdam, Antwerp, Brussels, Charleroi, Liège, Lille, Paris, Lyon, Bordeaux, Toulouse, San Sebastian, Bilbao, Valladolid, Santander, A Coruña, Porto and Lisbon.

The Corridor is characterised by sea crossings and single access points through mountainous areas.

The Action will focus on the deployment of core ITS services. In particular it will deploy traffic management services and traffic information services that support traffic managers in directing traffic operations. These ITS services will also support all traffic users, including heavy goods vehicles.

Arc Atlantique is expected to enhance the efficiency of the Corridor through a reduction of:
1) Recurrent congestion typically at peak hours
2) Abnormal congestion typically during seasonal events, weather conditions and other incidents / events.

The objectives of Arc Atlantique will be achieved through the concrete deployment of ITS services, including lane management systems, monitoring and detection systems, freight management systems and ramp metering systems.

*Innovation
and Networks
Executive Agency*

SCOOP@F - Part 1

2013-FR-92004-S

Member States involved:

France

Implementation schedule
Start date: 11 March 2014
End date: 31 December 2015

Budget:

State budget: €2,752,555

Regional/local budget: €180,427

Project Promoter: €3,651,661

**Total project cost covered
by this Decision:** €13,169,286

EU contribution: €6,584,643

Percentage of EU support:
Studies: 50%

Additional information:

European Commission, DG MOVE
*http://ec.europa.eu/transport/
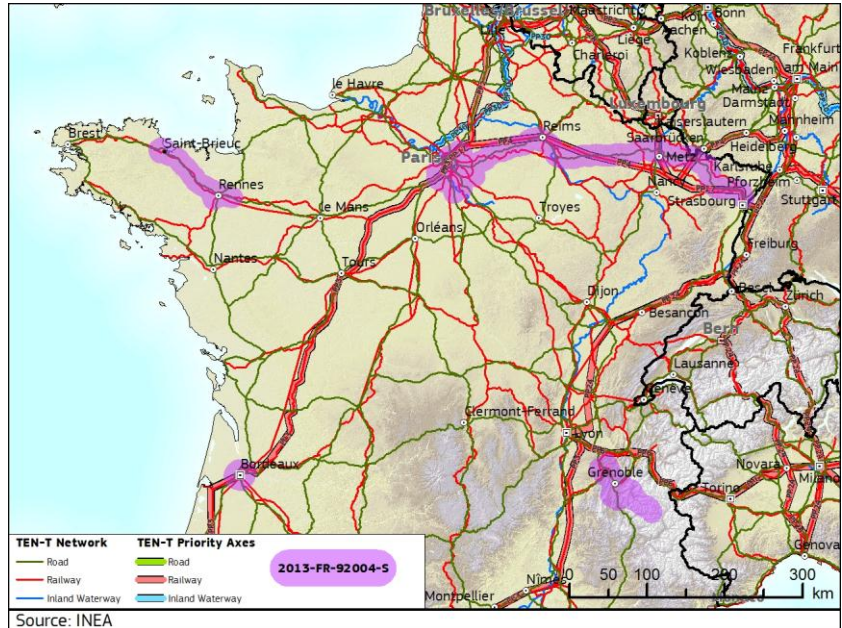index_en.html*

Innovation and Networks Executive
Agency (INEA)
http://inea.ec.europa.eu

Action Coordinator:
Ministère de l'écologie, du
développement durable et de l'énergie
(MEDDE)
www.developpement-durable.gouv.fr

Source: INEA

Cooperative intelligent transport systems (C-ITS) embrace a wide variety of communications-related applications between vehicles, road and communication infrastructures, intended to increase travel and operational safety, while improving travel quality.

The SCOOP@F project aims at deploying Cooperative ITS from 2014 onwards in France. It will equip 3000 vehicles and 2000 km of streets, intercity roads and highways.

The five tests sites will be intercity roads in Ile-de-France and Bretagne, the Paris-Strasbourg highway, Bordeaux and its bypass and county roads in the Isère.

For each test site, roads and vehicles will communicate through wireless networks, i.e. using both wi-fi routers (along the road and embedded receptors in the vehicles) and public GSM networks.

Vehicles will exchange information about their position, speed, road obstacles and other details with the infrastructures and other connected vehicles. Roads will broadcast information about traffic conditions, works, speed limit, road accidents, etc.

The data will be gathered by road managers as traffic information to help them react faster in case of emergency. The system increases also safety for workers in construction zones, since an alert will be sent to each and every connected vehicle for them to be aware of the works.

The scope of the action 2013-FR-92004-S is limited to the first part (study and pre-deployment phase) of the global project SCOOP@F.