

PROJECT

## SATIE

### Support Action for a Transport ICT European Large Scale Action

**Funding:** European (7th RTD Framework Programme)

**Duration:** Sep 2011 - Aug 2014

**Status:** Complete with results

**Total project cost:** €1,870,994

**EU contribution:** €1,380,996



**Call for proposal:** FP7-ICT-2011-7

[CORDIS RCN : 99798](#)

#### Background & policy context:

The SATIE support action will prepare the way for the successful launch of a European large-scale action ('Elsa') to accelerate the deployment of ICT for sustainable, safe and efficient mobility and transport, based on an iterative consultation process of public and private stakeholders.

#### Objectives:

The SATIE support action will prepare the way for the successful launch of a programme of European large-scale actions:

1. Elaborate the concept, procedures and added value of a large-scale action
2. Disseminate and raise the awareness with regard to the possibilities of a Transport-ICT Elsa with all stakeholders throughout Europe
3. Map existing initiatives and possible future initiatives which would fit into an Elsa approach

#### Methodology:

The SATIE approach is based on establishing a partnership of national, regional and local key stakeholders from both the demand and supply sides to share in the implementation of ICT solutions for mobility and transport on a larger scale than hitherto seen in Europe.

SATIE will establish an Elsa partnership community bringing together various committed actors, who will be involved in an iterative process of consultation to identify the following elements of a potential Elsa:

- European, national, regional and local actions;
- Innovative procurement practices;
- European, national and regional funding instruments;
- European and national innovation platforms;
- R&D projects and other activities;
- The objectives of public and private stakeholders within the value network of ICT for mobility and transport.

The iterative process aims to specify an optimum Elsa model with regard to the added value for European innovation and Europe's economy. It will also promote the sustainability of the European transport system in view of its impact on the environment, safety and efficiency.

By linking innovative actions at European level, national and regional initiatives and the industry will benefit from cross fertilisation and be able to build on the experience of each other, thereby, short-cutting the innovation process to achieve a quicker introduction of proven new ITS technologies.

#### Parent Programmes:

[FP7-ICT - Information and Communication Technologies](#)

**Institute type:** Public institution

**Institute name:** European Commission

**Funding type:** Public (EU)

**Lead Organisation:**

**Association Of European Railway Industries**

**Address:**

avenue Louise 221/11  
1050 BRUSSELS  
Belgium

**Organisation Website:**

<http://suzanne.lami@unife.org>

**EU Contribution:** €364,821

**Partner Organisations:**

**Association Des Societes Francaises D'autoroutes Et D'ouvrages A Peage**

**Address:**

3, rue Edmond Valentin  
75007 PARIS  
France

**EU Contribution:** €101,115

**Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek Tno**

**Address:**

ANNA VAN BUERENPLEIN 1  
2595 DA DEN HAAG  
Netherlands

**Organisation Website:**

<http://www.tno.nl>

**EU Contribution:** €133,353

**Trafikverket**

**Address:**

RodaVagen 1  
781 89 BORLANGE  
Sweden

**Organisation Website:**

<http://www.trafikverket.se>

**EU Contribution:** €62,967

**Ptv Planung Transport Verkehr Ag**

**Address:**

Stumpfstrasse 1  
76131 KARLSRUHE  
Germany

**Organisation Website:**

<http://www.ptv.de>

**EU Contribution:** €54,998

**Its Mobility Gmbh****Address:**

Hermann Blenk Strasse  
38108 Braunschweig  
Germany

**EU Contribution:** €51,574

**Anwb Bv****Address:**

Wassenaarseweg  
2596 Den Haag  
Netherlands

**EU Contribution:** €147,788

**Institut Francais Des Sciences Et Technologies Des Transports, De L'amenagement Et Des Reseaux****Address:**

BOULEVARD ISAAC NEWTON 14 CITE DESCARTES 14-20  
77447 MARNE LA VALLEE CEDEX 2  
France

**Organisation Website:**

<http://www.ifsttar.fr>

**EU Contribution:** €181,365

**Teknologian Tutkimuskeskus Vtt****Address:**

TEKNIKANTIE 21  
02150 ESPOO  
Finland

**Organisation Website:**

<http://www.vtt.fi>

**EU Contribution:** €214,000

**Association Des Constructeurs Europeens D'automobiles Gie European Automobile Manufacturers Associations****Address:**

Avenue Des Nerviens  
1040 Bruxelles  
Belgium

**EU Contribution:** €69,015

**Technologies:**

Unclassified  
Non-technology

**Key Results:**

The study does not demonstrate any final results yet as it is still ongoing. However, some intermediate results have been released, namely:

Three scenarios have been developed to illustrate the pan European implementation of a European

Large-Scale Action (ELSA) in different situations. Each scenario has distinctive characteristics with regard to the type of ICT for Transport implemented, geographical location, the network of actors and their objectives. The scenarios illustrate that deployment barriers may differ according to local circumstances. Stakeholders involved around corridors are different than stakeholders involved in a city. Priorities on societal goals may differ in different regions. The scenarios are:

- Smart & Healthy Cities
- Smart & Green Corridors
- Smart & Thriving Regions

Given the scenarios developed and the context of the project an assessment framework has been designed based on an analysis of strengths and weaknesses. This is a suitable method for the qualitative analysis of the effects of an ELSA, as the key to success of an ELSA will - to a large extent - be determined by the extent to which the ELSA is able to overcome ICT for Transport deployment barriers. SATIE will use the assessment framework for the qualitative analysis of the effects of an ELSA and the effectiveness of different options.

## Strategy targets

- An efficient and integrated mobility system
- Innovating for the future: technology and behaviour

Documents:

 [Preliminary Concept of ELSA for transport \(Other project deliverable\)](#)

**STRIA Roadmaps:** Other specified

**Transport mode:** Multimodal transport

**Transport sectors:** Passenger transport, Freight transport

**Transport policies:** Digitalisation, Decarbonisation, Societal/Economic issues

**Geo-spatial type:** Other