

EN
ANNEX 1

Pilot Project: “Beyond traffic jams: intelligent integrated transport solutions for road infrastructure”

1.1. Introduction

This pilot project will focus on the development of innovative solutions targeting improvements in urban logistics, road safety, public transport, traffic management and mobility planning

1.2. Procurement

The overall budgetary allocation reserved for 2015 amounts to € 1,300,000.

1.2.1. Pilot project: “Beyond traffic jams: intelligent integrated transport solutions for road infrastructure”

1.2.2. Legal basis:

Pilot project within the meaning of Article 54.2 (a) of Regulation (EC, Euratom) No 966/2012 of the European Parliament and of the Council of 25 October 2012 on the financial rules applicable to the general budget of the Union and repealing Council Regulation (EC, Euratom) n° 1605/2002 (OJ L 298, 26.10.2012, p.1).

Budget line:

06.027707

Subject matter of the contracts envisaged:

The objective will focus on the development of innovative solutions targeting improvements in urban logistics, road safety, public transport, traffic management and mobility planning.

Type of contract and type of procurement:

The project/action will be implemented through a call for tender that will be launched in 2015. The contract should be concluded in 2016.

Indicative number of contracts envisaged: 1

Indicative timeframe for launching the procurement procedure:

Step	Date
Invitation to submit tenders	17.10.2015
Deadline for submission of tenders	10.01.2016
Information of tenderers on the results of the evaluation	28.05.2016
Signature of the contract	End June 2016

Implementation:

DG MOVE

Overall objective and purpose of the action

This pilot project will focus on the development of innovative solutions targeting improvements in urban logistics, road safety, public transport, traffic management and mobility planning.

C-ITS refers to the use of wireless communication technologies in order to enable parts of the transport network to share information to improve decision making and optimise transport outcomes. Vehicle to vehicle (V2V) and vehicle to infrastructure (V2I) communication are two important elements for the next step of integrated traffic management solutions in Europe. C-ITS is currently making its first steps from R&D to large scale pilot deployment in Europe (with similar initiatives occurring in Japan and USA).

Objectives

The budget foreseen by the Budgetary Authority would be used to finance a pilot project of C-ITS deployment in an urban environment. Its principal objective is to identify benefits from the application of C-ITS in an urban environment.

Throughout its deployment for this purpose, this pilot project will:

- Include all modes of transport and networks (motorway networks, urban roads, and public transport travellers, also other specifics in the urban environment like car sharing, bike renting schemes, etc..)

- Enable an open, connected, multimodal and urban environment, where C-ITS services can be tested with large user groups with different needs (including public transport travellers, goods transport, commuters, etc...)
- Involve partners at all traffic management levels of different operators (e.g. road, public transport) and authorities (e.g. planning, managing, police, etc.) to work together with industry and public and private service providers.

The pilot project will not focus exclusively on funding installations of C-ITS compatible equipment but also on fostering collaboration between user groups with different needs. Some of the possible outcomes of this pilot project could be quantifiable evidence on the impact of such technologies at least in one of the following categories:

- road safety,
- reduction in the traffic congestion with its concomitant effect on the average journey time,
- a reduction in fuel consumption and thus in gas emissions,
- increased efficiency in logistics operations

The Commission expects the pilot project to be based on some of the so-called "day one C-ITS services" (e.g. road works warning, in-vehicle signage, traffic signs in cities, etc..) and extend them with specific needs for cities / urban environment (e.g. integration with public transport, urban logistics, etc.). Additionally, the pilot project will provide higher visibility at Union level to the C-ITS stakeholders and user groups, leading to a potential expansion of their business activity and their societal impact (e.g. creation of new jobs).