Advanced traffic management on E67 transport corridor (SMART E67)

Programme Priority: P3 Well-connected region

Programme Specific Objective: 3.1. Improved transport flows of people and goods

Sub-programme: Central Baltic

Duration: 02.11.2015 - 31.10.2019

Total funding: 2.458.999 EUR

ERDF funding: 2.090.149 EUR ERDF

Project Summary:
The project SMART E67 aims at increasing efficiency and safety of passenger and cargo mobility in the Central Baltic region by introducing Intelligent Transport Systems (ITS) on a key transport corridor in Estonia and Latvia. In both countries among other routes, the E67 transport corridor has the highest annual average daily traffic rates. While basic road infrastructure has been modernized on E67 transport corridor in Latvia and Estonia, traffic information and management systems need improvements to ensure efficient, environment friendly, safe passenger and cargo transport.

In practice the project introduces the ITS elements via pilot investments by developing adaptive traffic management-roadside variable message signs, modernized traffic lights, road weather information systems and other equipment providing to traffic participants timely, efficient and accurate traffic information. The project is implemented in cooperation with the Latvian State Roads and Estonian Road Administration.

The project results in adding information, management and communication technology to E67 transport corridor covering 202 km in Latvia and 192 km in Estonia. E67 road is more efficient which decreases travel time of passengers and cargos. Traffic information about road conditions, road works, congestions, and accidents contribute to the achievement of traffic efficiency whereas roadside telematics reduce traffic accidents. All in all, project E67 results contribute to the achievement of traffic efficiency, safety and reduction of CO2 emissions.

Map of Partners

Partners

Lead Partner

Latvijas Republikas Satiksmes ministrija

Country: LV

http://www.sam.gov.lv

Partner budget: 1.413.751 EUR

Amount of ERDF funding: 1.201.688 EUR ERDF

Project Partners

MAANTEEAMET

Country: EE

www.mnt.ee

Partner budget: 1.045.249 EUR

Amount of ERDF funding: 888.461 EUR ERDF

Associated Partners

Liikennevirasto

Country: FI

Results

Expected results

SMART E67 project aims to increase efficiency and safety of passenger and cargo mobility in the Central Baltic region. Project will introduce elements of Intelligent Transport System (ITS) adding information and communication technology to E67 transport corridor–a key transport corridor in Estonia and Latvia (North-South direction) covering 202 km in Latvia and 192 km in Estonia. E67 road has a significant development potential to make it more efficient for passenger and cargo transportation. In both countries among other routes, it has the highest Annual average daily traffic (AADT) rates (16155 cars/per day in Estonia; up to 21122 cars/per day in Latvia with average 9500 cars/per day). E67 links with ports of Stockholm, Helsinki, Tallinn and Riga and CB with the rest of EU. Introduction of ITS on E67 is the most feasible and at the moment single option to improve the efficiency of transport in this corridor, besides infrastructure improvements (bypasses around metropolitan areas). Results contribute to the achievement of several programme objectives: (1) TRAFFIC EFFICIENCY via pilot investments into development of adaptive traffic management-roadside variable message signs (VMS) (screens, alarming traffic lights, signs) providing to traffic participants timely, efficient and accurate traffic information about road conditions ahead due to weather changes, road works, congestions, accidents to decide upon dynamic retouring, variable speed limit signs to reduce travel time, fluent traffic with dynamic traffic signaling equipment; (2) TRAFFIC SAFETY via pilot investments into road weather information systems (RWIS), weather cameras to reduce traffic accidents by timely collection and delivery of information about changing road weather conditions: snow, black ice, etc. and on line video surveillance for incident and black spot management; (3) REDUCED CO2 EMISSIONS all above measures contribute to reduced CO2 emissions due to time savings of transport on road.

Achieved results

Project Visibility

Source URL: http://database.centralbaltic.eu/printview/33