

Traffic management on E19 between Antwerp and Brussels

Overview

The Flemish ministry has implemented VMS on the E19 between Brussels and Antwerp in both directions. Preparation started in 2016 with European procurement, implementation of fiber optic and detection. End of 2017 23 VMS were implemented. The VMS are of the type full color/full graphic. They will be used for incident and event warning, travel time information and variable speed limits.



Objectives

General background

The E19 connects the Antwerp ringroad and the Brussels ringroad. In the morning peak there is congestion between Mechelen and Brussels. In the evening peak in the direction of the Antwerp ringroad. The whole day there is risk on congestion on the whole section in both directions.

The Flemish ministry is implementing traffic management systems on the whole network according to a Flemish master plan. The implementation of the 23 VMS is part of this plan. Main objective is to reduce the accidents. The VMS warn for congestion and events. Speed harmonisation will be used in case of bad wather conditions and bad air quality.

Project description

The section of the E19 between Antwerp and Brussels is a motorway section of 2 x 3 lanes. Just before and after Antwerp and Brussels there are 2 x 4 lanes.

There is not so much freight transport on this connection. During the working days there is a lot business travelling between Antwerp and Brussels.

The Flemish ministry has implemented 14 VMS in the direction of Brussels and 9 in the direction of Antwerp.

The traffic managements services are:

- Incident Warning and Management
- Traffic condition and Travel time information
- Variable speed limits.

Member States involved:

Belgium/Flanders

Implementation schedule

Start date: 03/2016

End date: 12/2017

Budget

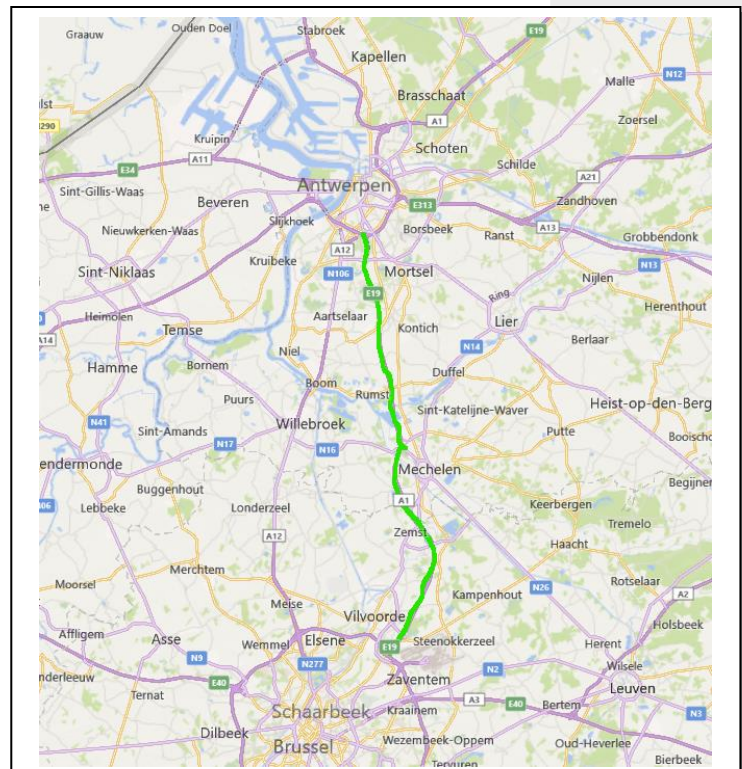
Action promoter: Flemish ministry

Total project cost covered
by this Decision: 6 milj euro

EU contribution: 1.2 milj euro

Percentage of EU support: 20%

Geographical Location



Results expected

Reduction of accidents due to warning in case of congestion and events.

Limited impact on capacity due to speed harmonisation in case of high traffic flow, bath weather conditions and bad air quality.

The traffic management actions will also reduce air pollution.

Contact People

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