

# Upgrade Traffic Management and Emergency Information in Águas Santas Tunnel

## Overview

Following the large tunnel and network reorganization with the construction of a second tunnel in Águas Santas, 5 km to the north of oPorto city, in an intensively used road corridor, it is necessary to refurbish and installation the telematic systems both for traffic surveillance and control, traveler guidance and alert, and environment monitoring. This large project includes intervention in the tunnel area as well in the road network ahead towards the tunnel and the city.

## Objectives

### General background

The Aguas Santas Tunnel is the largest road tunnel in the oPorto metropolitan area, linking the densely populated areas north of the city with the city.

The construction project, began June last year, consists of building a new gallery, 367 m long, to the north of the existing two, running downward (Ermesinde-Porto), including widening and improvements for 2 x 4 lanes, with a budget of 13.5 million euros.

The aim of the project is to achieve a significant improvement in the traffic locally and entering and leaving the city of Porto.

## Project description

The ITS project to improve traffic management and traveller information includes the instalation of telematic equipments inside the tunnel, as well in the connecting stretches of A4 and A3 motorways. It includes equipments and systems for traffic surveillance and control, infrastructure monitoring, incident detection, traveller information and emergency call boxes.

## Member States involved:

Portugal

## Implementation schedule

Start date: 10/2017

End date: 12/2019

## Budget

Action promoter:

Total project cost covered by this Decision: 650,000€

EU contribution: 130,000€

Percentage of EU support: 20%

## *Results expected*

With this project, BCR - the motorway concessionaire, expects to achieve effective traffic monitoring and control in the tunnel area regarding with positive impact in the traffic congestion, accidents and environment.

## *Geographical Location (If relevant)*

Please insert a geographical chart with the indication on where the Action take place



## *Contact People*

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